

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052319\
 Data File : BF114538.D
 Acq On : 23 May 2019 22:01
 Operator : JU/SJ
 Sample : K2746-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5.8.19MS

Manual Integrations
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mohammad
 5/24/2019 1:36:36 PM

Quant Time: May 24 07:58:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	172075	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	670476	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	330620	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	699365	20.00	ng	0.00
76) Chrysene-d12	13.99	240	525510	20.00	ng	0.00
87) Perylene-d12	15.44	264	472359	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1146976	107.27	ng	0.00
7) Phenol-d6	6.46	99	1482724	117.24	ng	0.00
23) Nitrobenzene-d5	7.38	82	897297	75.11	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	385099	112.67	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1552321	71.02	ng	0.00
79) Terphenyl-d14	12.92	244	1783414	69.96	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.55	88	160089	27.238	ng	99
3) Pyridine	3.32	79	425948	26.304	ng	96
4) n-Nitrosodimethylamine	3.26	42	248319	31.800	ng	95
6) Aniline	6.48	93	399135	21.848	ng	# 21
8) 2-Chlorophenol	6.60	128	465190	40.752	ng	97
9) Benzaldehyde	6.36	77	173612	19.609	ng	98
10) Phenol	6.47	94	588065	39.528	ng	89
11) bis(2-Chloroethyl)ether	6.55	93	466830	41.332	ng	96
12) 1,3-Dichlorobenzene	6.75	146	470356	36.708	ng	97
13) 1,4-Dichlorobenzene	6.83	146	478035	37.023	ng	99
14) 1,2-Dichlorobenzene	6.99	146	449936	38.142	ng	99
15) Benzyl Alcohol	6.96	79	375985	38.118	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	796535	36.372	ng	70
17) 2-Methylphenol	7.08	107	363800	38.797	ng	# 91
18) Hexachloroethane	7.32	117	173052	35.705	ng	99
19) n-Nitroso-di-n-propylamine	7.23	70	311604	38.872	ng	99
20) 3+4-Methylphenols	7.23	107	468639	43.256	ng	# 66
22) Acetophenone	7.22	105	617867	41.598	ng	# 89
24) Nitrobenzene	7.40	77	485455	39.895	ng	97
25) Isophorone	7.63	82	892818	40.295	ng	98
26) 2-Nitrophenol	7.72	139	250138	42.370	ng	100
27) 2,4-Dimethylphenol	7.76	122	397729	42.895	ng	100
28) bis(2-Chloroethoxy)methane	7.84	93	563820	39.218	ng	97
29) 2,4-Dichlorophenol	7.96	162	389889	42.229	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	399189	38.022	ng	99
31) Naphthalene	8.12	128	1283933	40.995	ng	99
32) Benzoic acid	7.87	122	75421	16.760	ng	97
33) 4-Chloroaniline	8.17	127	278930	19.544	ng	98
34) Hexachlorobutadiene	8.23	225	217836	36.466	ng	99
35) Caprolactam	8.54	113	137223m	45.580	ng	
36) 4-Chloro-3-methylphenol	8.67	107	416329	44.797	ng	99
37) 2-Methylnaphthalene	8.81	142	863528	42.735	ng	98
38) 1-Methylnaphthalene	8.91	142	816213	42.893	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	391880	39.129	ng	100

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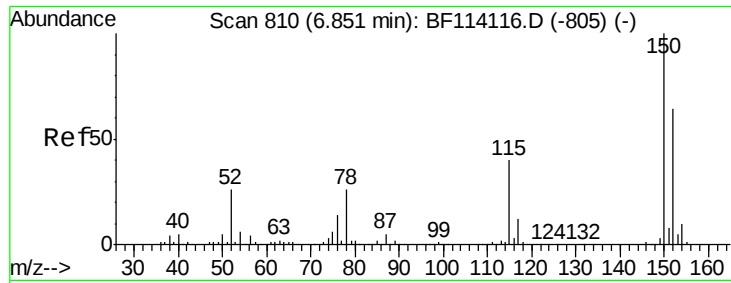
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	97301	24.051	nq	97
43) 2,4,6-Trichlorophenol	9.10	196	268535	38.982	nq	98
44) 2,4,5-Trichlorophenol	9.15	196	283312	40.102	nq	98
46) 1,1'-Biphenyl	9.27	154	1048126	39.242	nq	97
47) 2-Chloronaphthalene	9.30	162	810081	37.686	nq	97
48) 2-Nitroaniline	9.40	65	290300	38.080	nq	98
49) Acenaphthylene	9.72	152	1293812	39.574	nq	98
50) Dimethylphthalate	9.57	163	1091287	44.963	nq	100
51) 2,6-Dinitrotoluene	9.64	165	220794	41.015	nq	97
52) Acenaphthene	9.89	154	753044	37.536	nq	99
53) 3-Nitroaniline	9.81	138	182017	27.238	nq	96
54) 2,4-Dinitrophenol	9.93	184	115416	45.788	nq	98
55) Dibenzofuran	10.06	168	1094821	37.216	nq	99
56) 4-Nitrophenol	10.00	139	299388	63.353	nq	97
57) 2,4-Dinitrotoluene	10.05	165	277906	38.035	nq	# 79
58) Fluorene	10.40	166	918118	40.405	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	238207	39.078	nq	99
60) Diethylphthalate	10.27	149	982707	39.850	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	436684	39.128	nq	98
62) 4-Nitroaniline	10.43	138	257833	36.718	nq	97
63) Azobenzene	10.55	77	916469	38.394	nq	97
65) 4,6-Dinitro-2-methylphenol	10.47	198	124559	37.065	nq	85
66) n-Nitrosodiphenylamine	10.51	169	843060	39.718	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	281404	36.544	nq	95
68) Hexachlorobenzene	10.96	284	303295	35.604	nq	94
69) Atrazine	11.04	200	259930	39.351	nq	97
70) Pentachlorophenol	11.16	266	260717	64.563	nq	99
71) Phenanthrene	11.36	178	1365382	40.129	nq	98
72) Anthracene	11.42	178	1387172	40.590	nq	99
73) Carbazole	11.57	167	1363645	41.844	nq	98
74) Di-n-butylphthalate	11.89	149	1587510	42.282	nq	100
75) Fluoranthene	12.55	202	1539337	42.012	nq	98
77) Benzidine	12.67	184	282495	11.976	nq	98
78) Pyrene	12.79	202	1568857	37.111	nq	99
80) Butylbenzylphthalate	13.39	149	728437	40.938	nq	97
81) Benzo(a)anthracene	13.97	228	1315077	38.690	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	368225	27.926	nq	98
83) Chrysene	14.01	228	1282542	38.492	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	1028537	44.196	nq	99
85) Di-n-octyl phthalate	14.56	149	1733527	45.951	nq	98
86) Indeno(1,2,3-cd)pyrene	16.93	276	1231939	41.836	nq	100
88) Benzo(b)fluoranthene	15.02	252	1231495	40.694	nq	99
89) Benzo(k)fluoranthene	15.05	252	1099189	39.541	nq	98
90) Benzo(a)pyrene	15.39	252	1116402	41.918	nq	98
91) Dibenzo(a,h)anthracene	16.93	278	1025736	46.349	nq	98
92) Benzo(g,h,i)perylene	17.36	276	1059636	47.778	nq	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

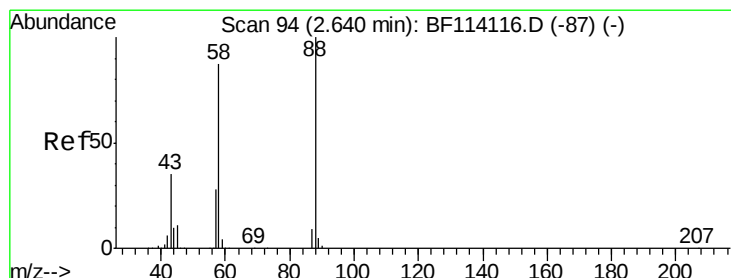
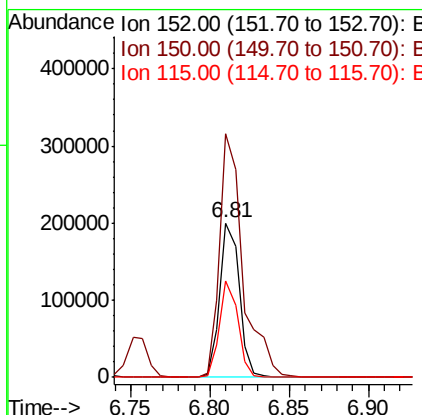
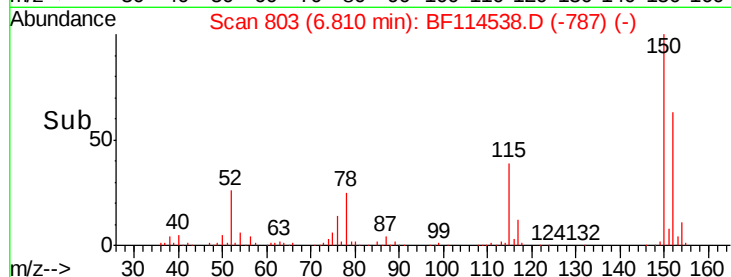
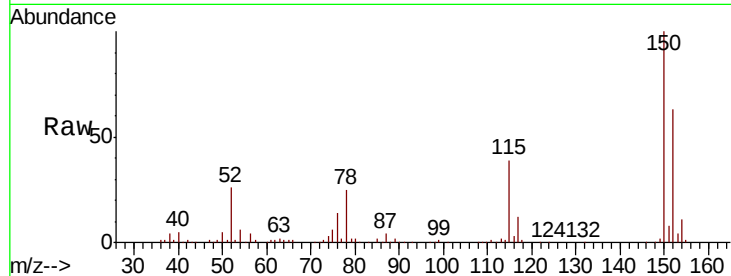
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.3	186.5
115	62.2	49.1	73.7

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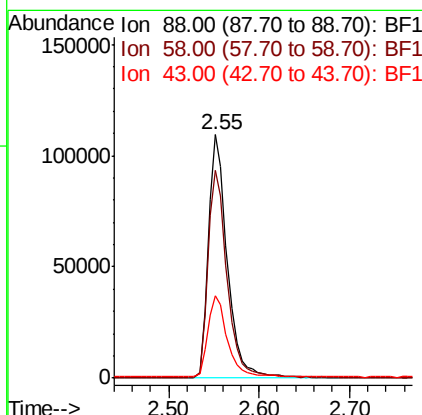
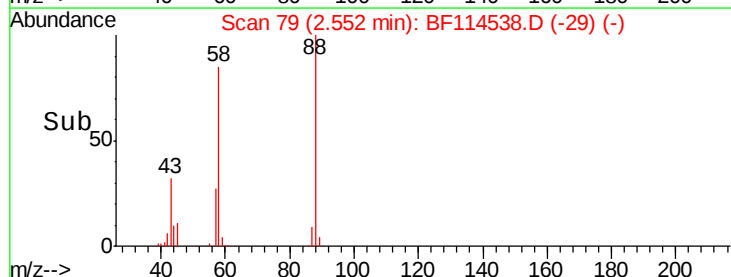
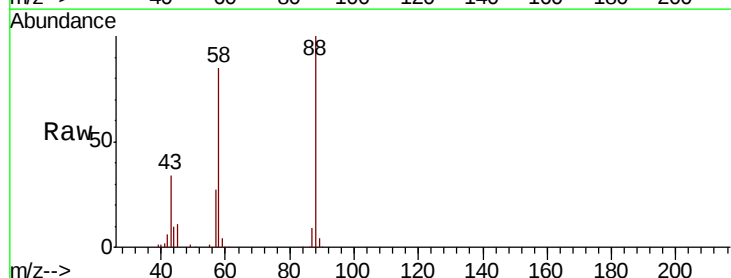
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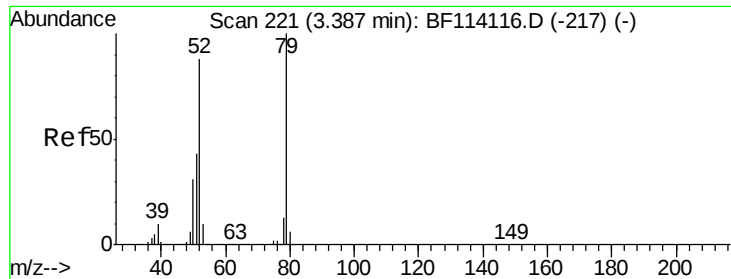


#2

1,4-Dioxane
Concen: 27.238 ng
RT: 2.55 min Scan# 79
Delta R.T. -0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.0	68.7	103.1
43	33.9	28.2	42.2





#3

Pvridine

Concen: 26.304 ng

RT: 3.32 min Scan# 210

Delta R.T. 0.02 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

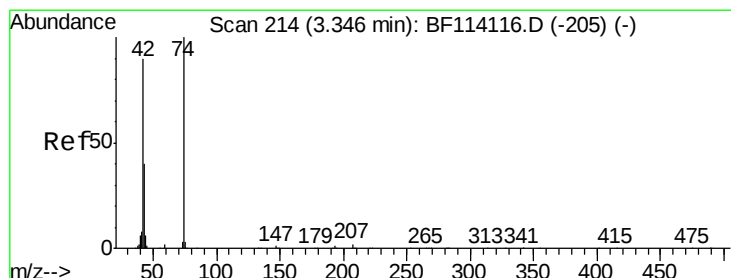
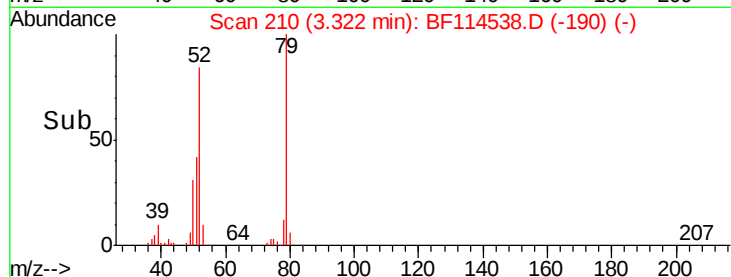
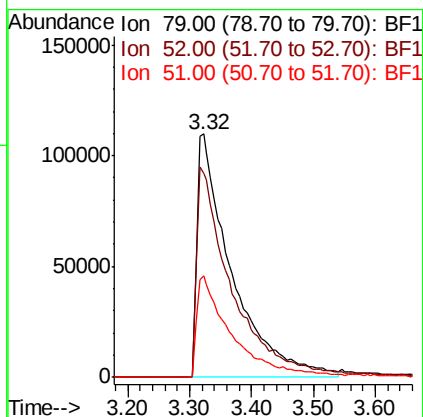
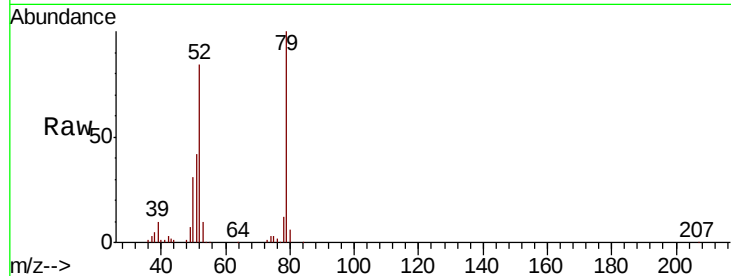
ClientSampleId :

COMP-5.8.19MS

Tot Ion:	79	Resp:	425948
Ion Ratio	Lower	Upper	
79	100		
52	83.7	70.6	105.8
51	41.8	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 31.800 ng

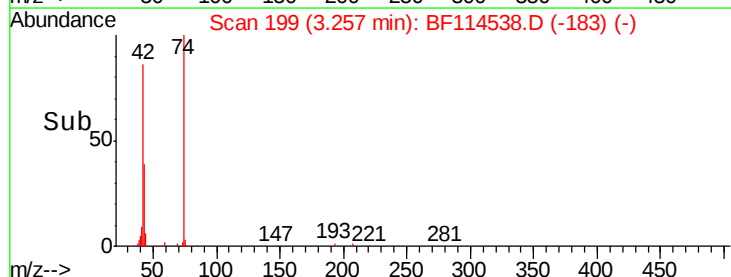
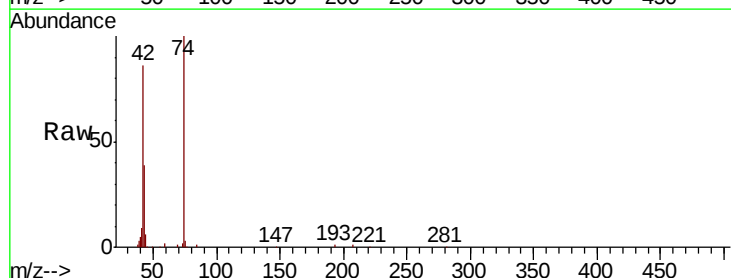
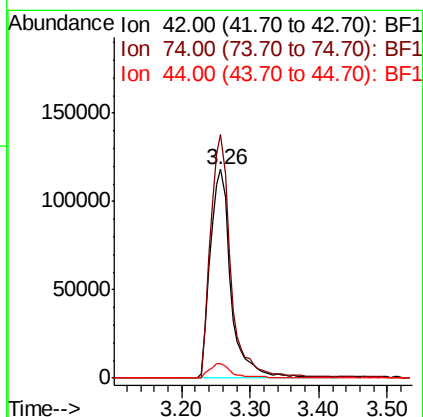
RT: 3.26 min Scan# 199

Delta R.T. -0.01 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Tgt Ion:	42	Resp:	248319
Ion Ratio	Lower	Upper	
42	100		
74	116.8	88.6	132.8
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 107.266 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.00 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MS

Tot Ion:112 Resp: 1146976

Ion Ratio Lower Upper

112 100

64 65.9 49.0 73.6

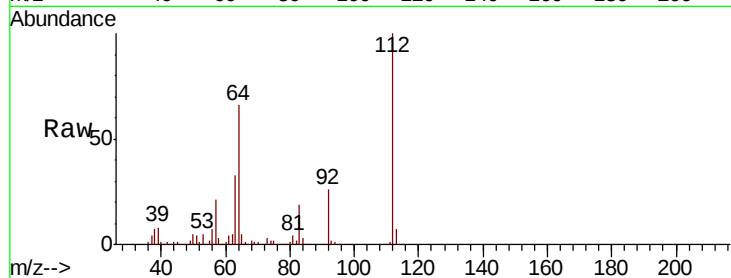
63 33.4 24.6 37.0

Manual Integrations

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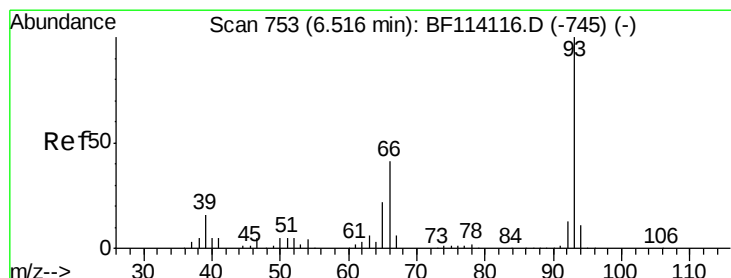
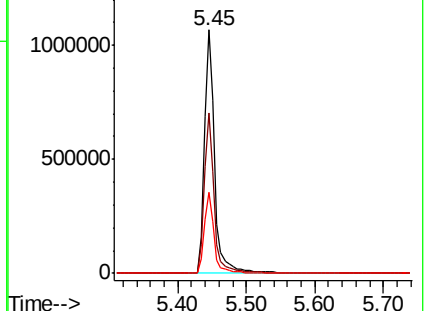
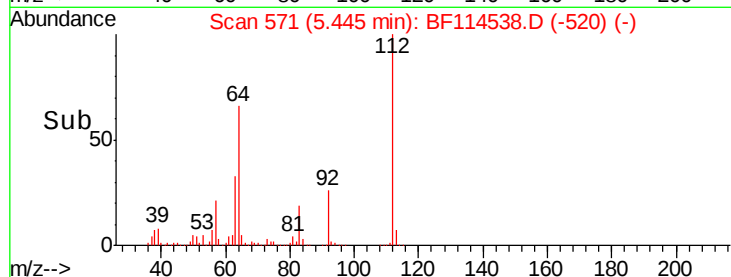
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.848 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

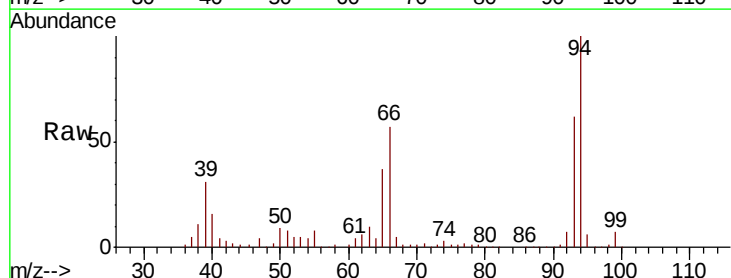
Tgt Ion: 93 Resp: 399135

Ion Ratio Lower Upper

93 100

66 91.1 33.2 49.8#

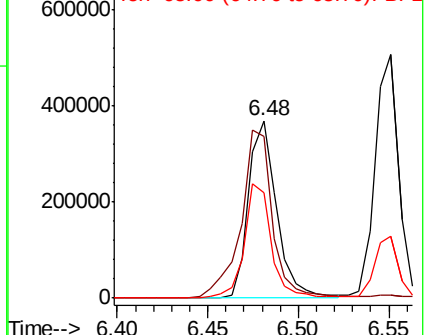
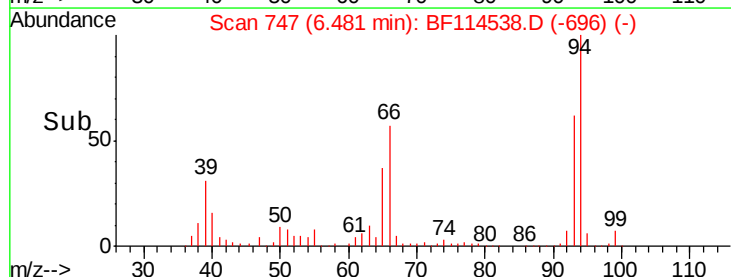
65 59.1 17.6 26.4#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.242 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MS

Tot Ion: 99 Resp: 1482724

Ion Ratio Lower Upper

99 100

42 22.1 17.9 26.9

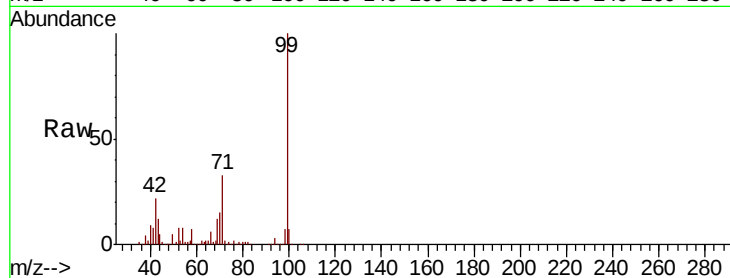
71 33.5 26.2 39.2

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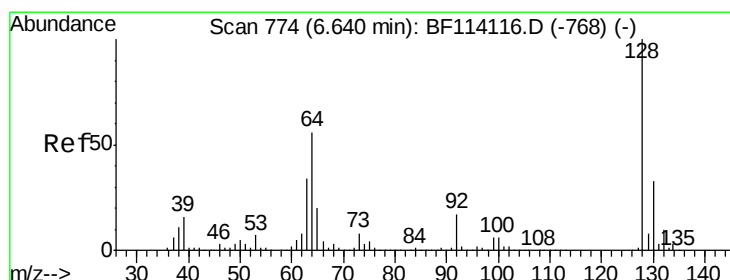
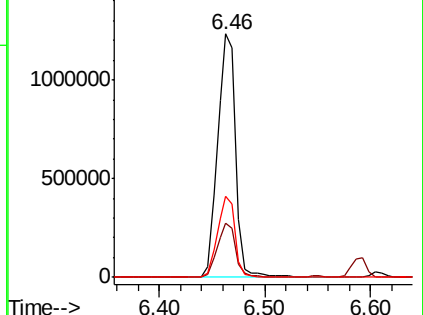
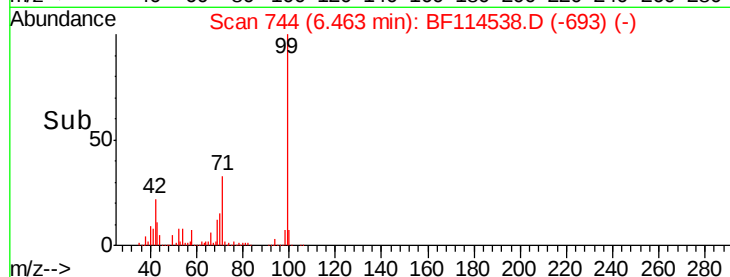
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.752 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

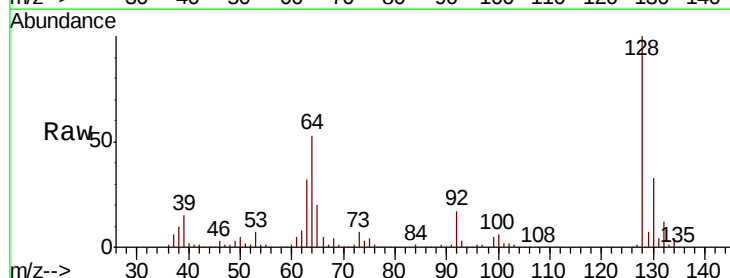
Tgt Ion: 128 Resp: 465190

Ion Ratio Lower Upper

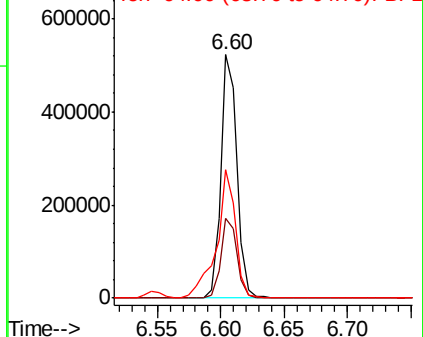
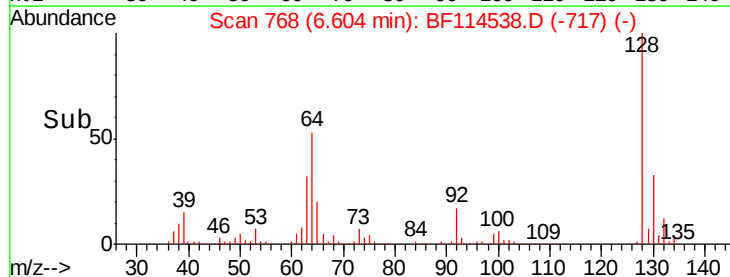
128 100

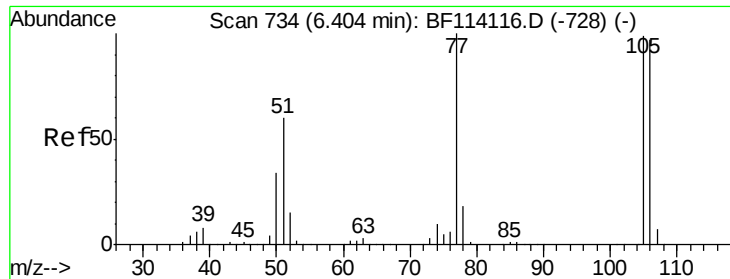
130 32.7 12.6 52.6

64 52.9 35.9 75.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 19.609 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

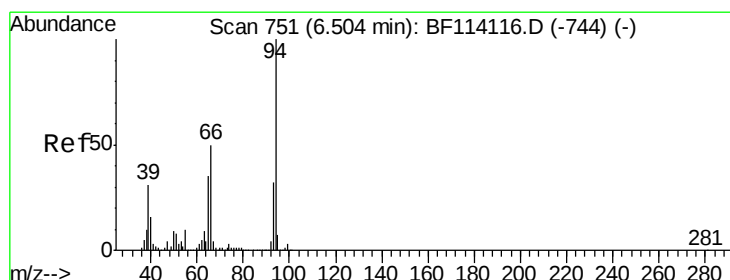
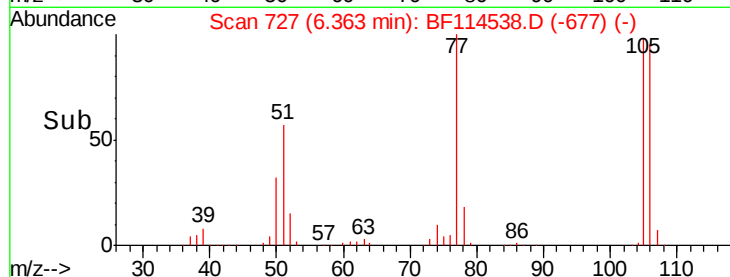
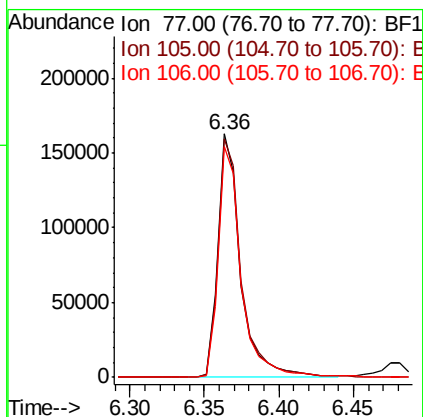
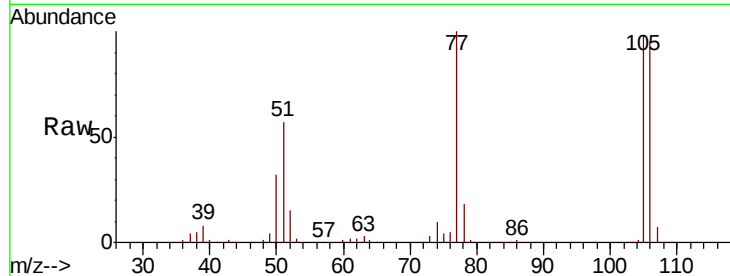
ClientSampleId :

COMP-5.8.19MS

Tot Ion:	77	Resp:	173612
Ion	Ratio	Lower	Upper
77	100		
105	97.8	79.3	119.3
106	94.8	77.0	117.0

Manual Integrations
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#10

Phenol

Concen: 39.528 ng

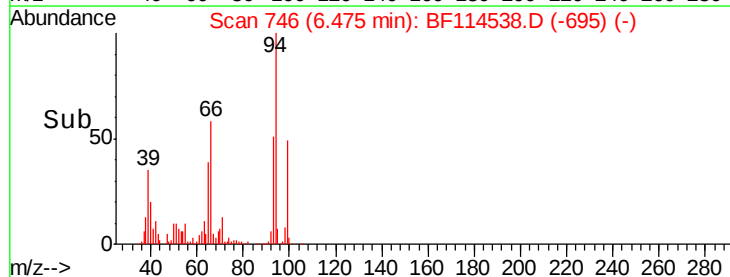
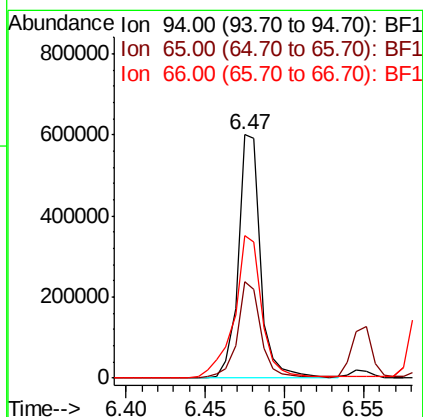
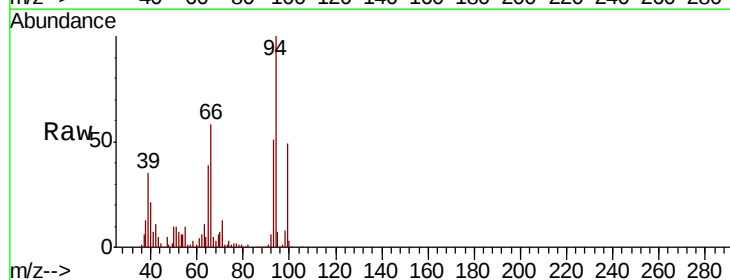
RT: 6.47 min Scan# 746

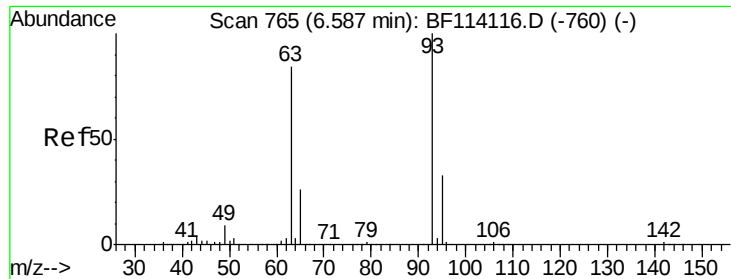
Delta R.T. -0.00 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Tgt Ion:	94	Resp:	588065
Ion	Ratio	Lower	Upper
94	100		
65	39.5	14.7	54.7
66	58.3	29.6	69.6





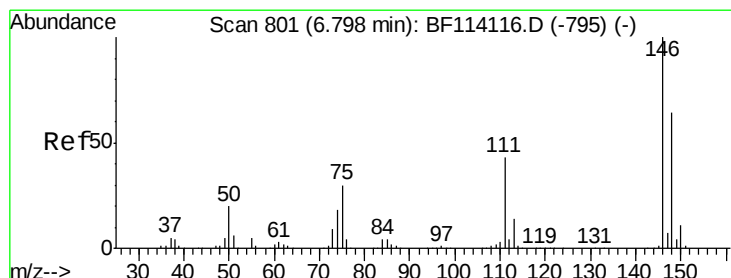
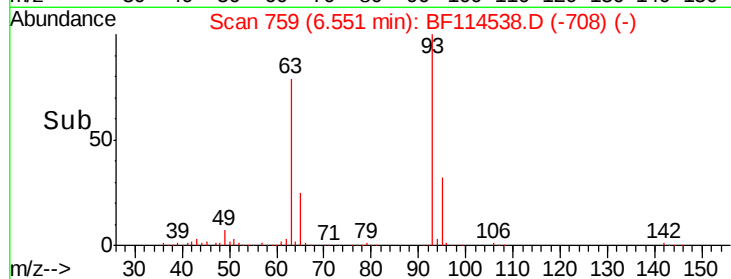
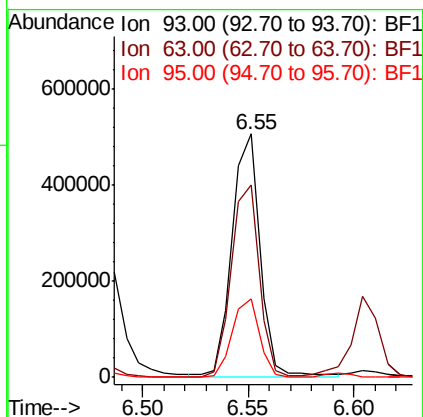
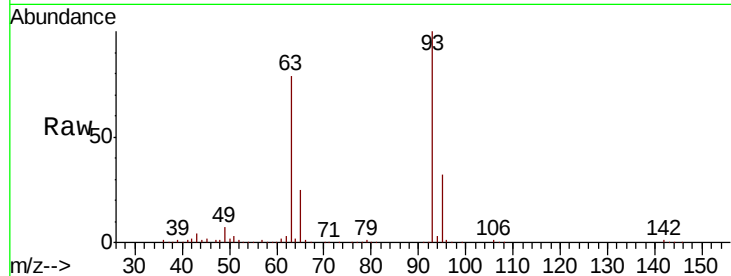
#11
bis(2-Chloroethyl)ether
Concen: 41.332 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion:	93	Resp:	466830
Ion Ratio	Lower	Upper	
93	100		
63	79.1	63.6	103.6
95	32.3	13.1	53.1

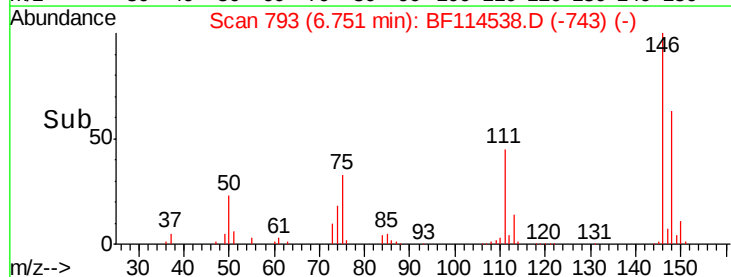
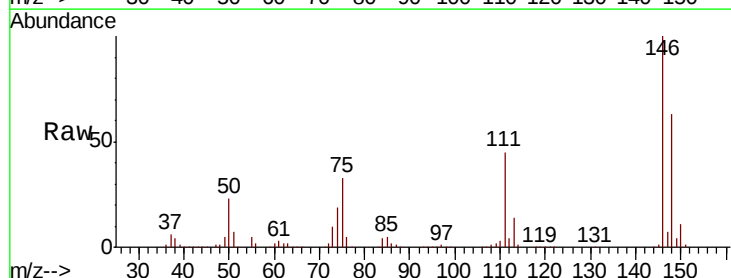
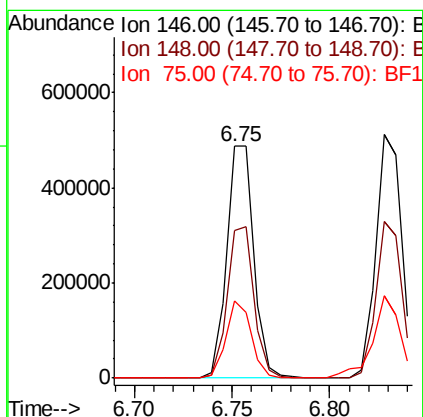
Manual Integrations
APPROVED

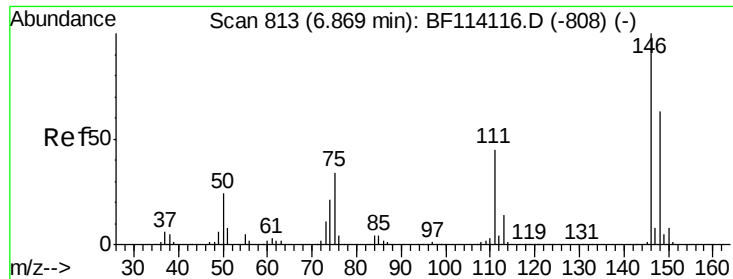
mohammad
5/24/2019 1:36:36 PM



#12
1,3-Dichlorobenzene
Concen: 36.708 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion:	146	Resp:	470356
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.6	77.4
75	33.3	24.2	36.2





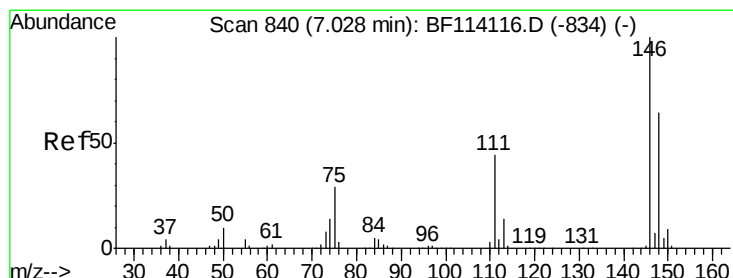
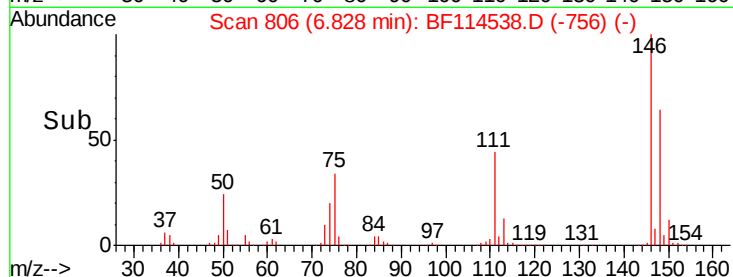
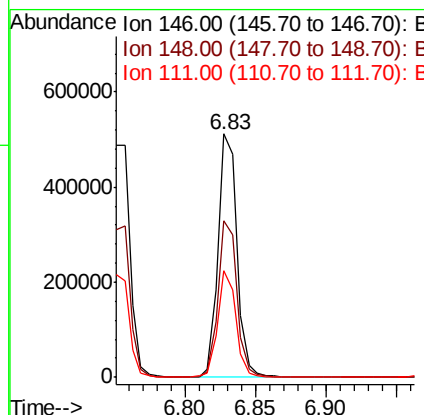
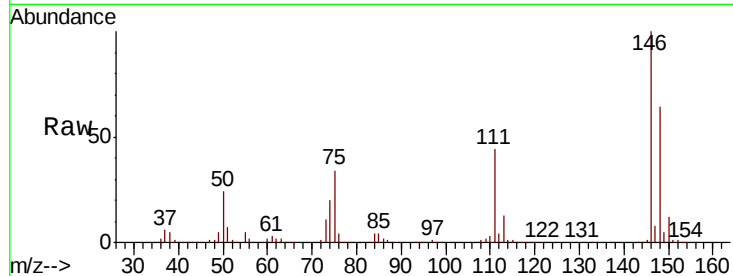
#13
1,4-Dichlorobenzene
Concen: 37.023 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.2	75.2
111	44.0	35.8	53.6

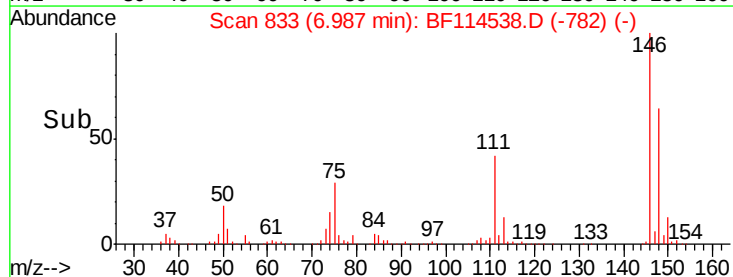
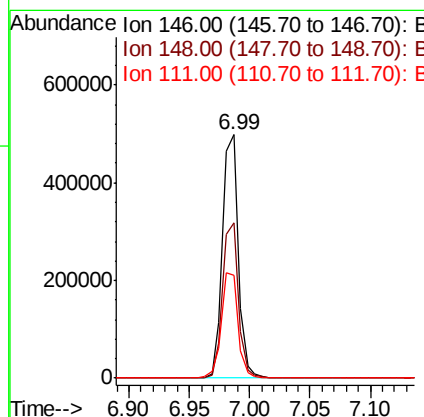
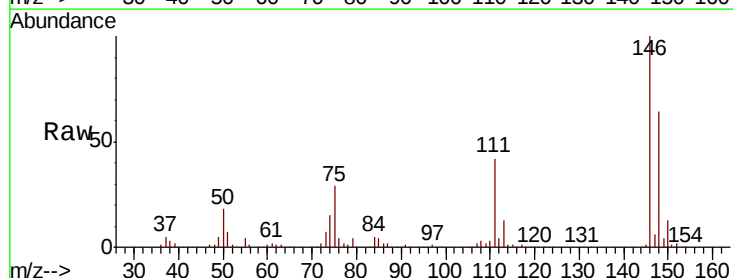
Manual Integrations
APPROVED

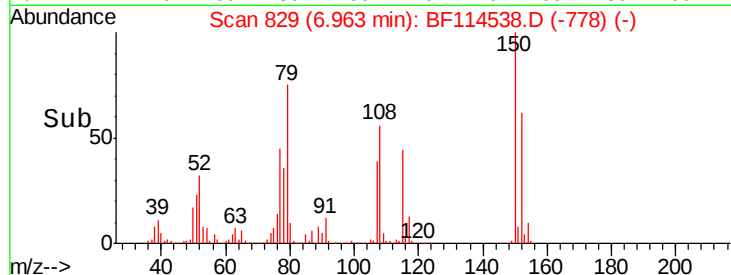
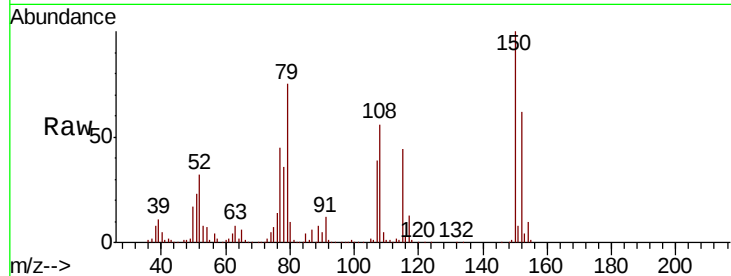
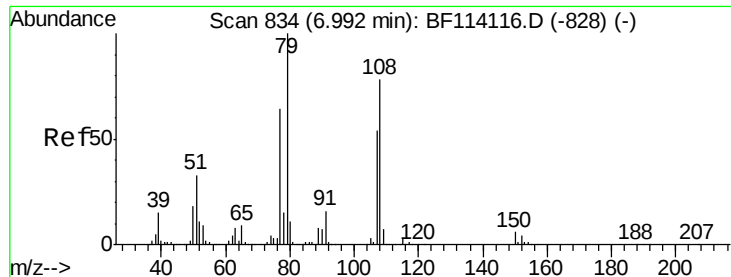
mohammad
5/24/2019 1:36:36 PM



#14
1,2-Dichlorobenzene
Concen: 38.142 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
111	42.5	35.3	52.9





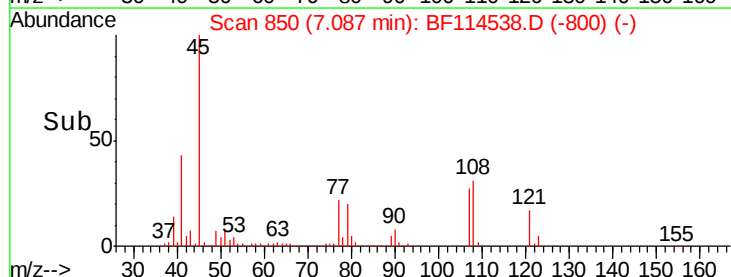
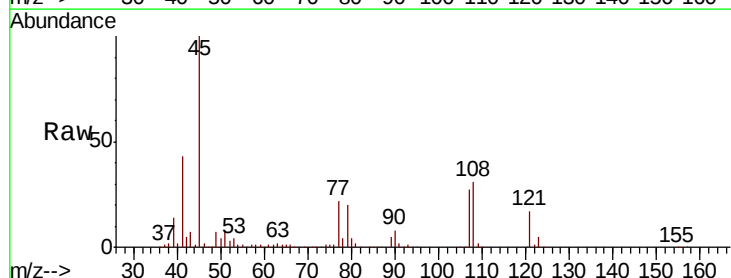
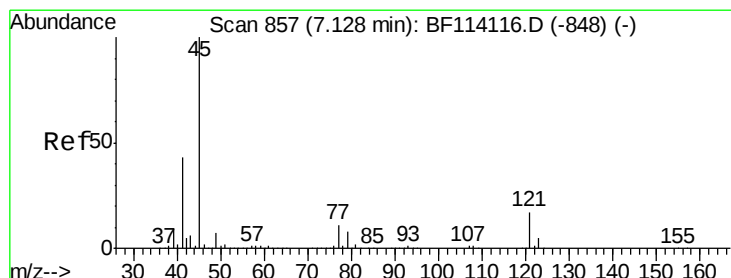
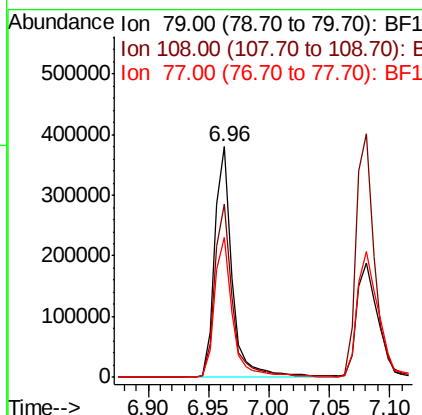
#15
Benzyl Alcohol
Concen: 38.118 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.2	62.1	93.1
77	60.7	51.0	76.6

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

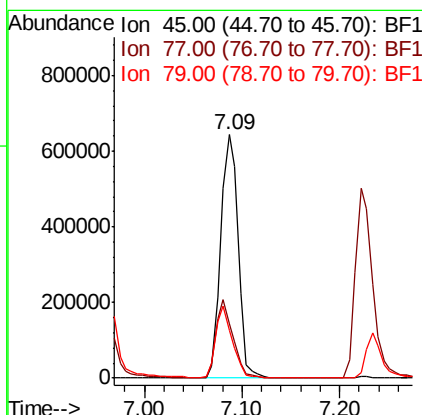
Manual Integrations
APPROVED

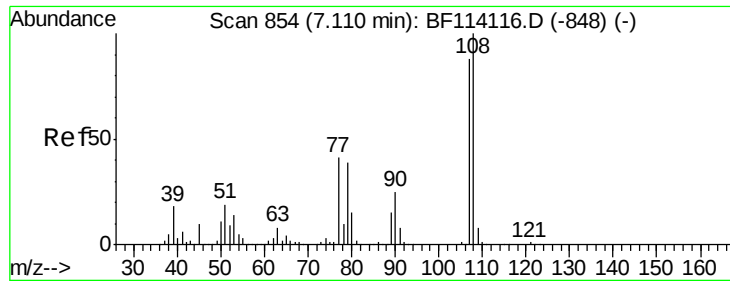
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.372 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.0	0.0	31.1
79	19.6	0.0	28.4





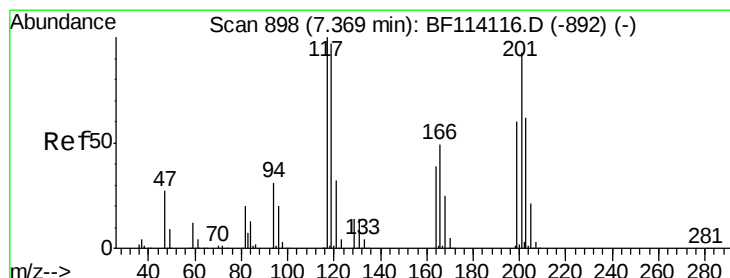
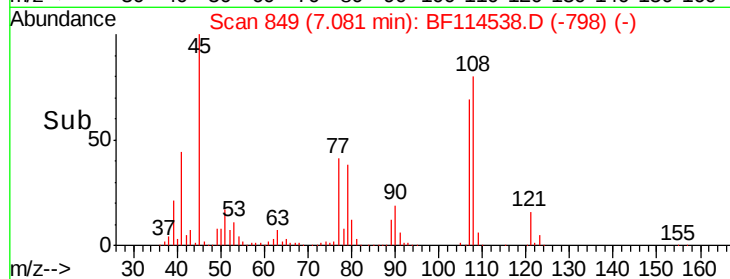
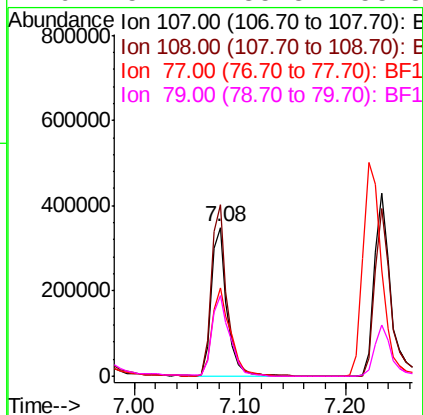
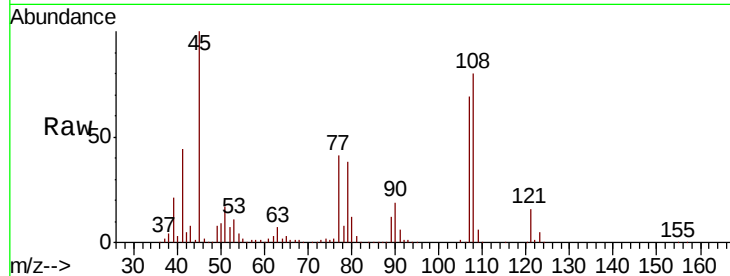
#17
2-Methylphenol
Concen: 38.797 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.9	90.5	135.7	
77	59.7	37.0	55.4	
79	54.2	35.8	53.8	

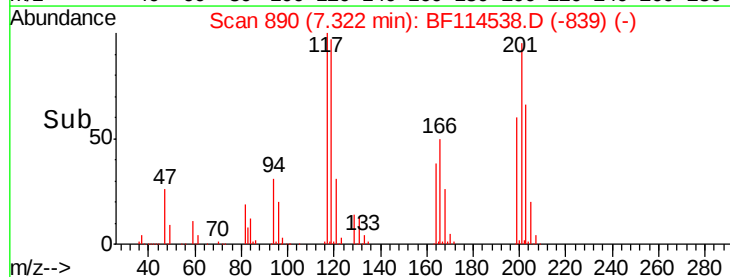
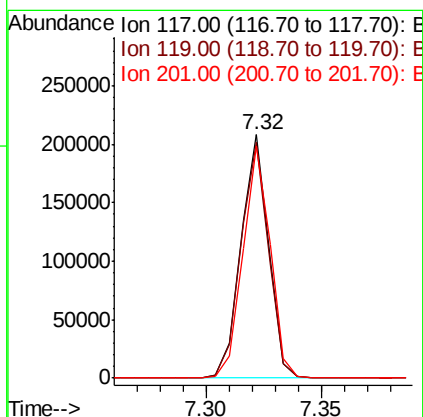
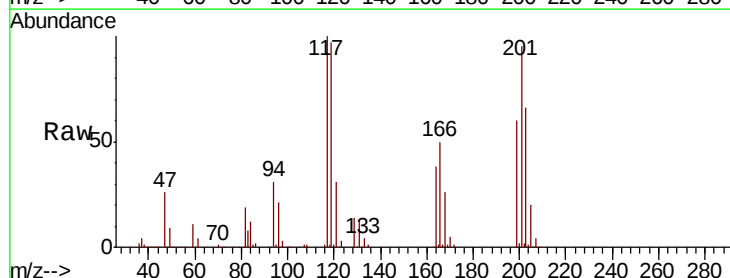
Manual Integrations
APPROVED

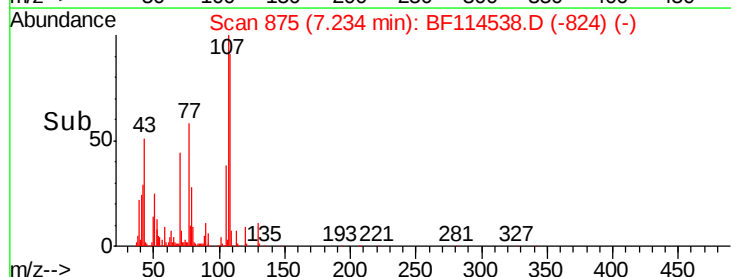
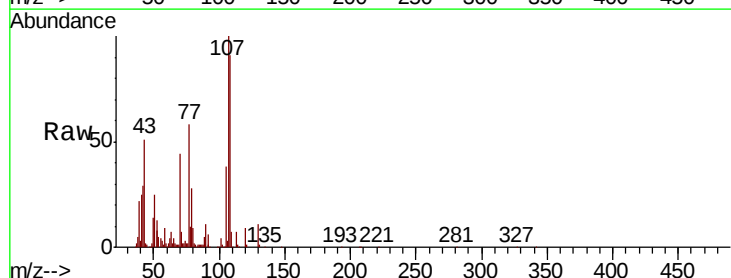
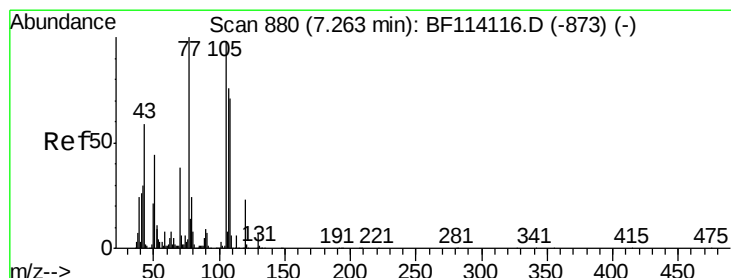
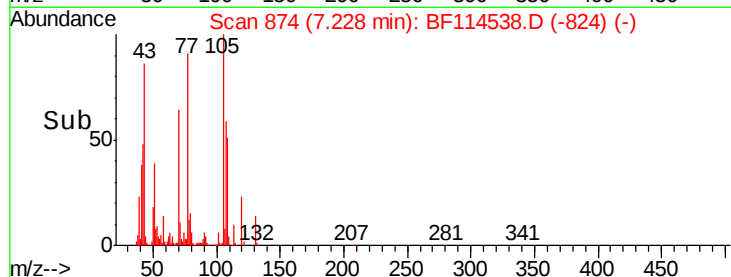
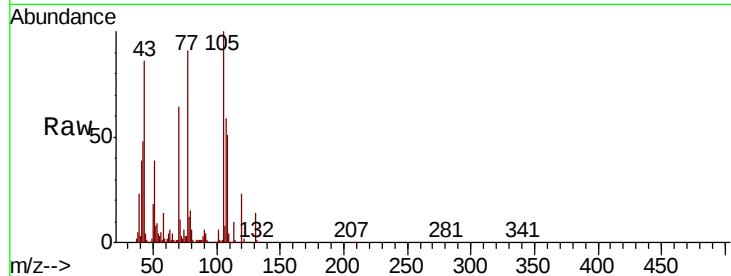
mohammad
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#18
Hexachloroethane
Concen: 35.705 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	77.4	116.2	
201	95.2	74.5	111.7	





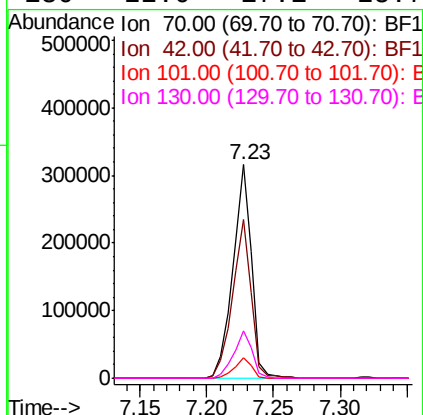
#19
n-Nitroso-di-n-propylamine
Concen: 38.872 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	74.2	58.6	87.8
101	9.8	7.8	11.8
130	22.0	17.1	25.7

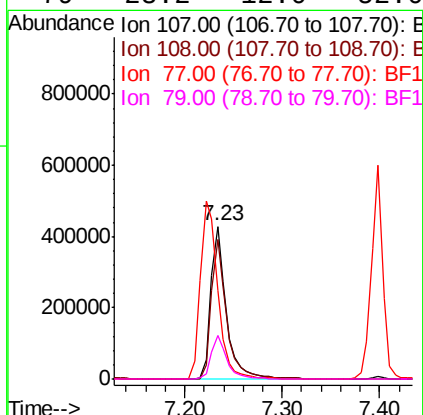
Manual Integrations
APPROVED

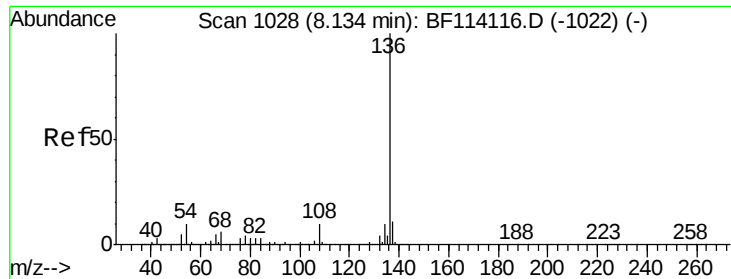
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#20
3+4-Methylphenols
Concen: 43.256 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	73.8	113.8
77	58.2	111.5	151.5#
79	28.2	12.0	52.0





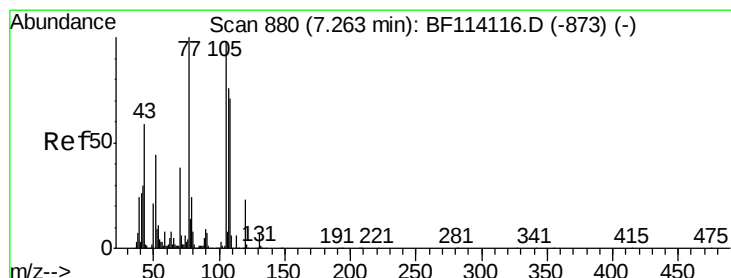
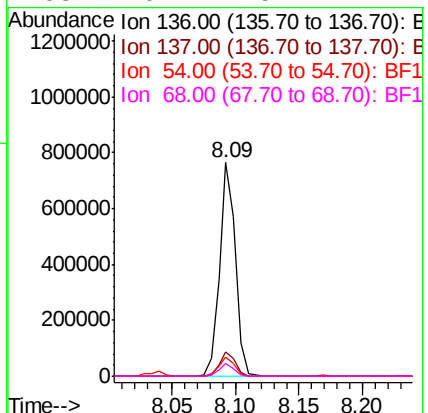
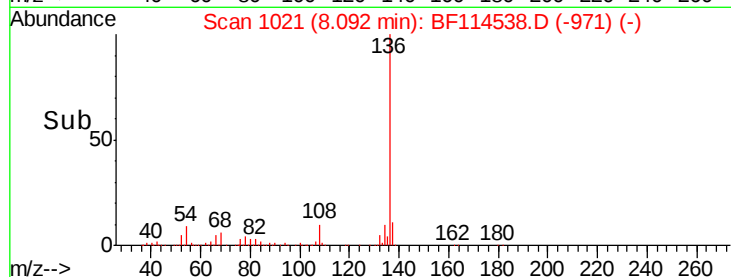
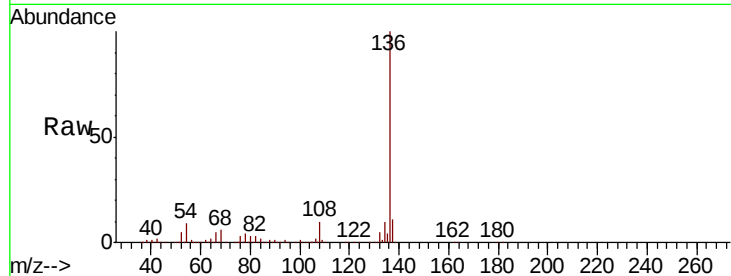
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	670476		
137	11.4		8.8	13.2
54	9.2		7.8	11.8
68	6.1		5.1	7.7

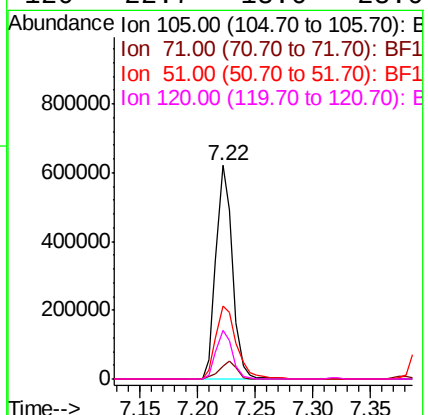
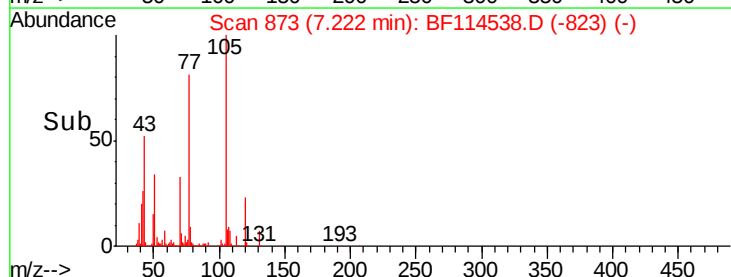
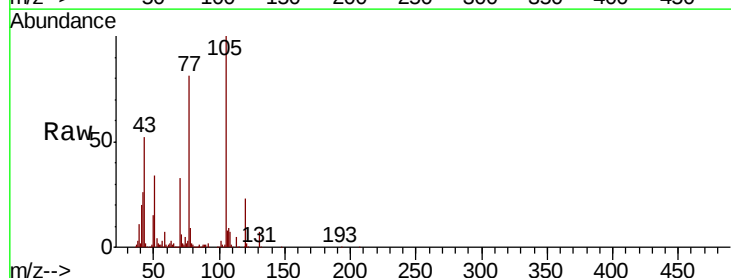
Manual Integrations
APPROVED

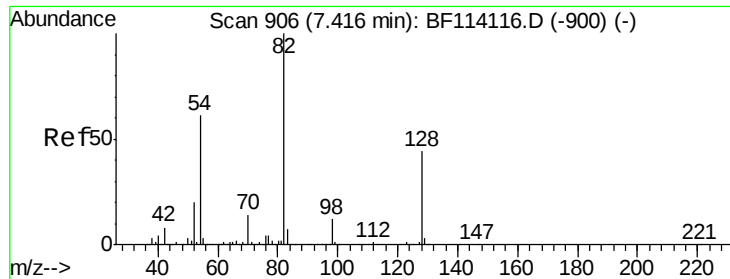
mohammad
5/24/2019 1:36:36 PM



#22
Acetophenone
Concen: 41.598 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	617867		
71	5.7		5.3	7.9
51	34.3		36.2	54.4#
120	22.7		18.6	28.0





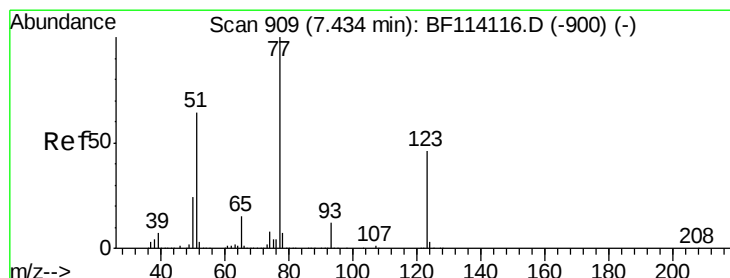
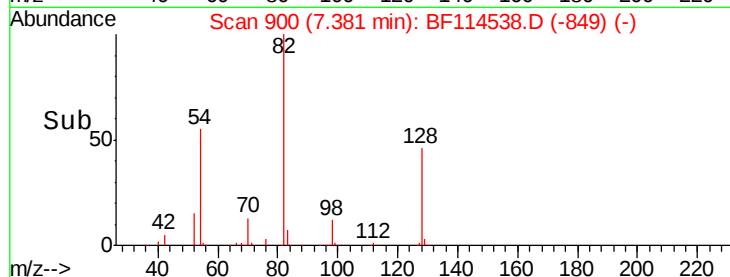
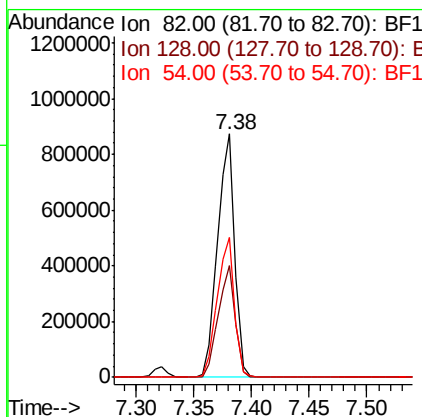
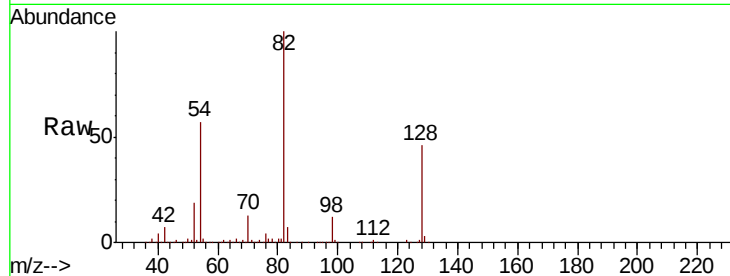
#23
Nitrobenzene-d5
Concen: 75.105 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.5	53.3
54	57.4	48.5	72.7

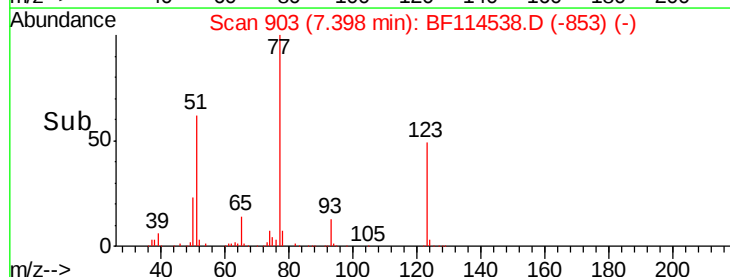
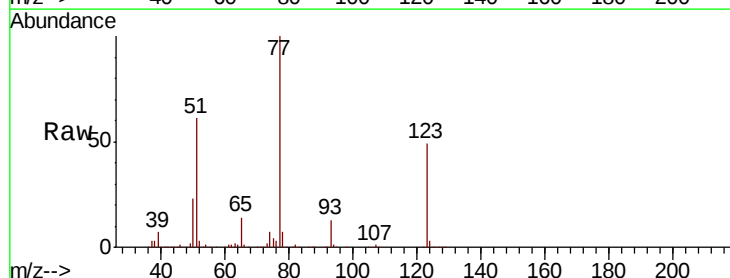
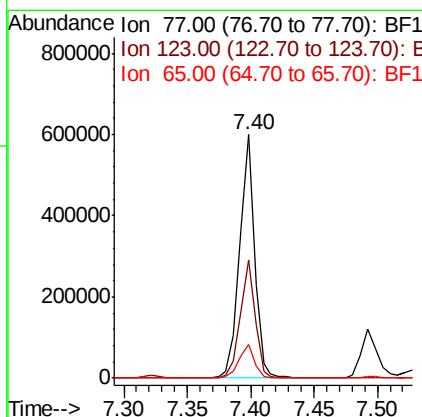
Manual Integrations
APPROVED

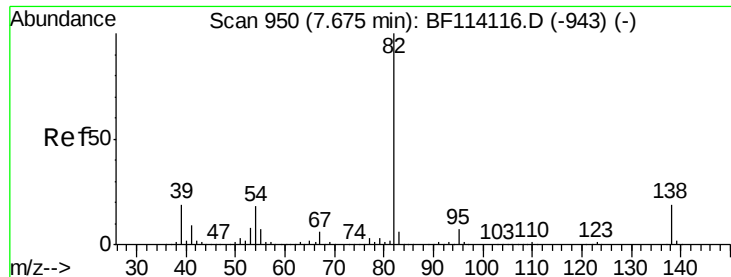
mohammad
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#24
Nitrobenzene
Concen: 39.895 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	36.9	55.3
65	14.0	11.8	17.6





#25

Isophorone

Concen: 40.295 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

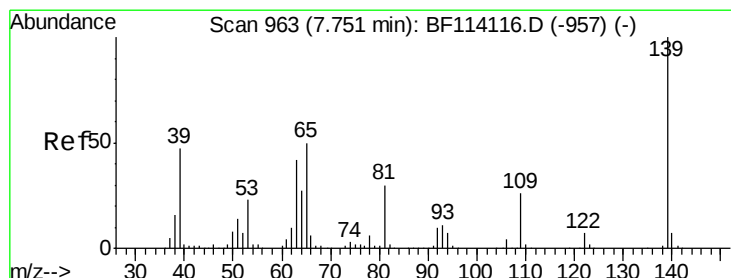
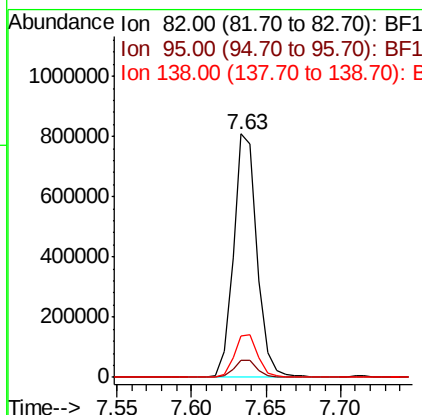
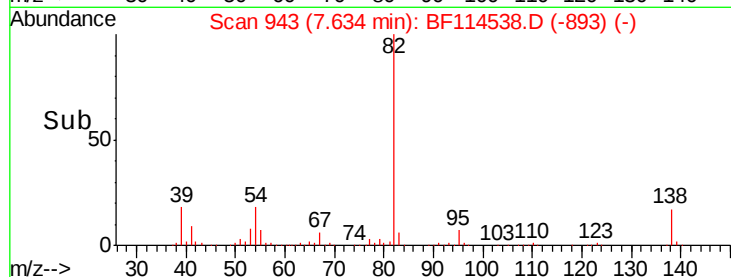
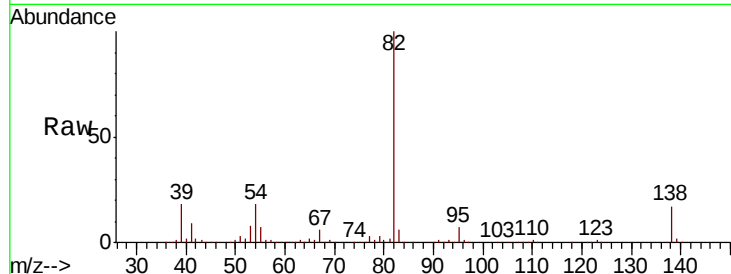
ClientSampleId :

COMP-5.8.19MS

Tot Ion:	82	Resp:	892818
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.6	8.4
138	17.2	14.8	22.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.370 ng

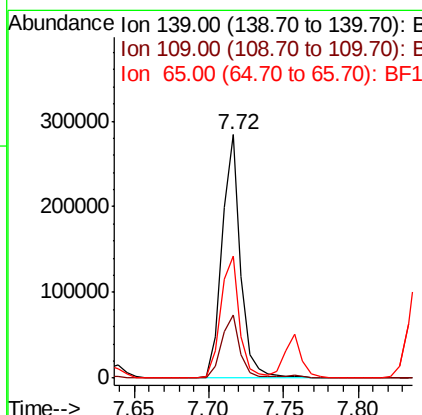
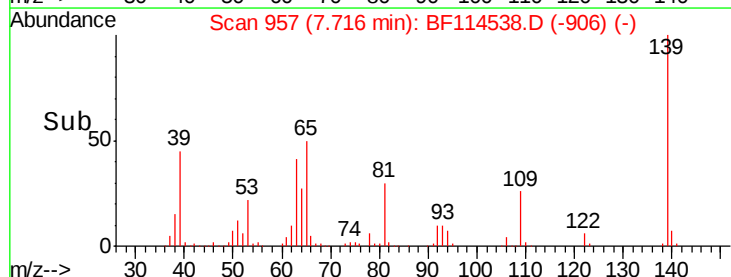
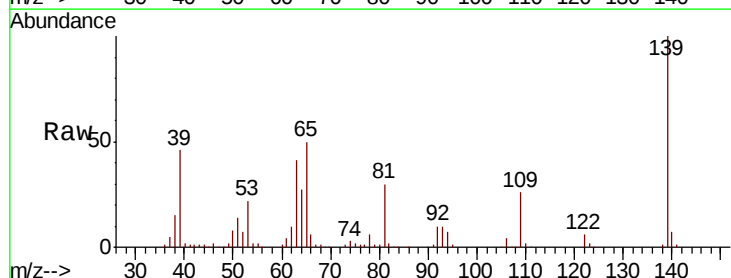
RT: 7.72 min Scan# 957

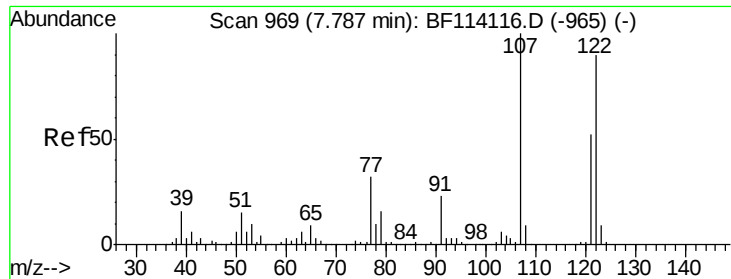
Delta R.T. -0.00 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Tgt Ion:	139	Resp:	250138
Ion Ratio	Lower	Upper	
139	100		
109	25.9	20.7	31.1
65	50.1	40.2	60.2





#27

2,4-Dimethylphenol

Concen: 42.895 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

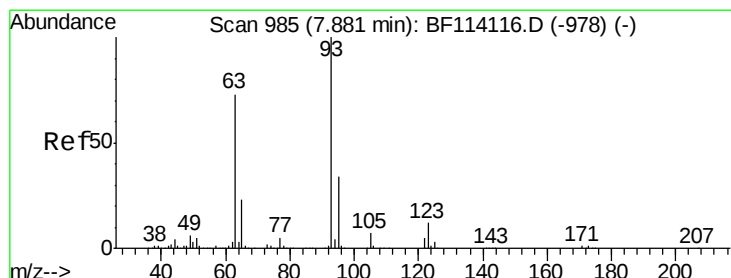
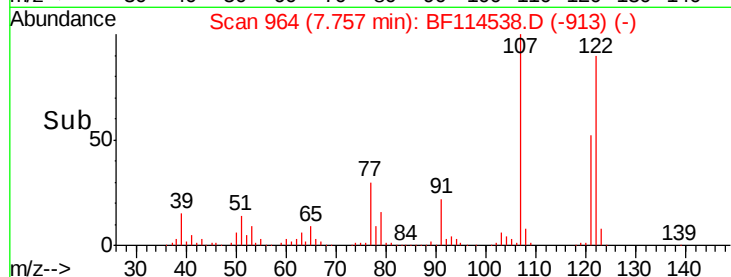
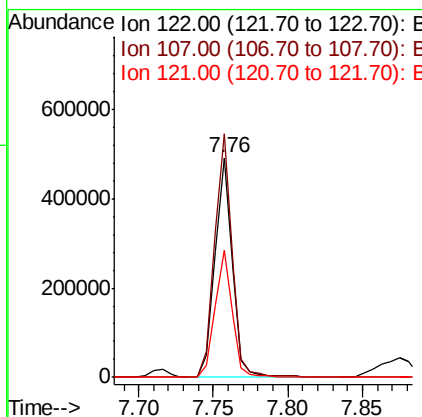
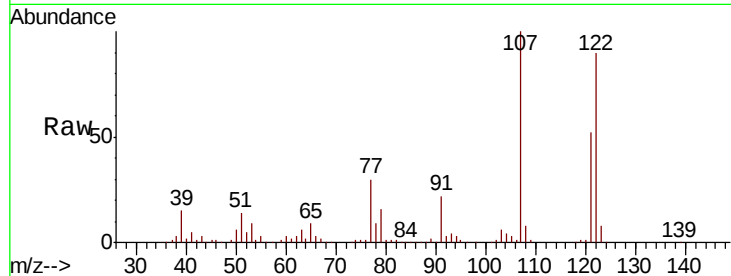
ClientSampleId :

COMP-5.8.19MS

Tot Ion:	122	Resp:	397729
Ion Ratio	Lower	Upper	
122	100		
107	110.9	88.4	132.6
121	57.6	45.9	68.9

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5/24/2019 1:36:36 PM



#28

bis(2-Chloroethoxy)methane

Concen: 39.218 ng

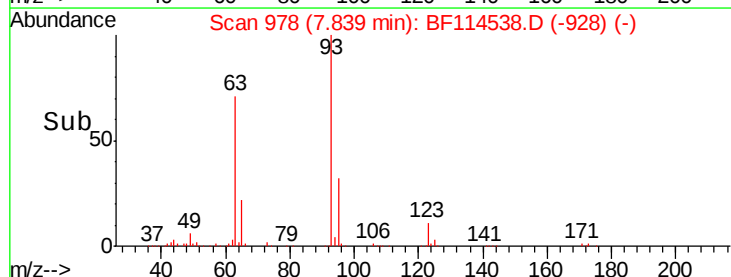
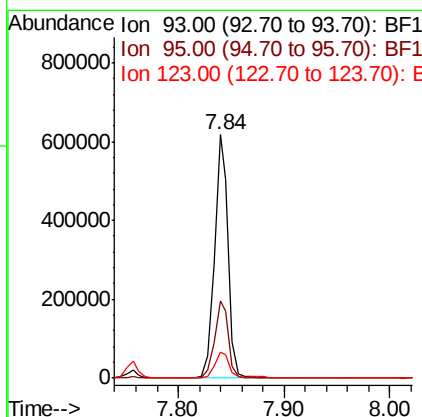
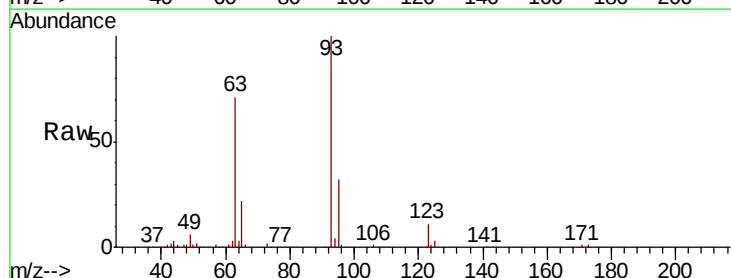
RT: 7.84 min Scan# 978

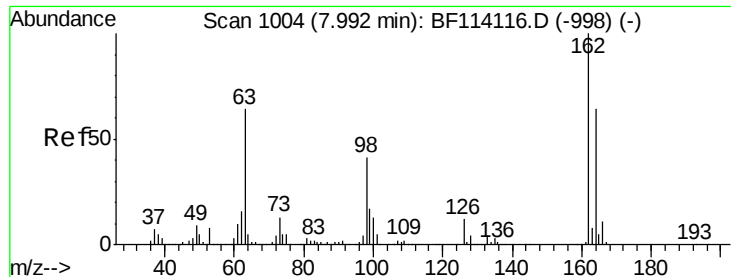
Delta R.T. -0.01 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Tgt Ion:	93	Resp:	563820
Ion Ratio	Lower	Upper	
93	100		
95	31.6	26.8	40.2
123	10.8	9.5	14.3





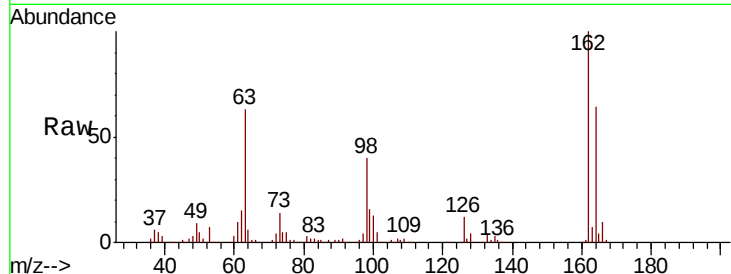
#29
2,4-Dichlorophenol
Concen: 42.229 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

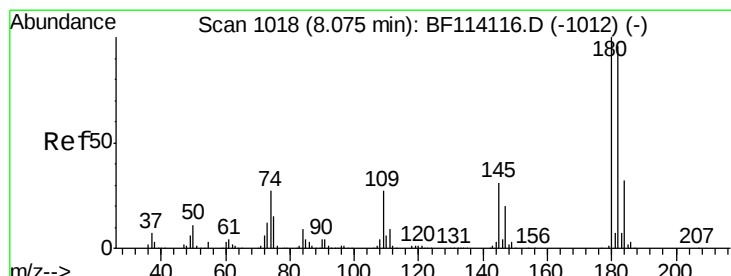
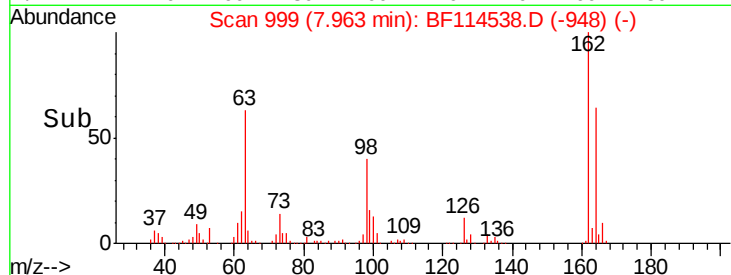
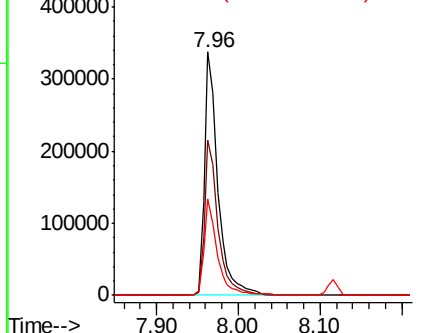
Tot Ion:	162	Resp:	389889
Ion Ratio	Lower	Upper	
162	100		
164	64.0	43.6	83.6
98	39.8	20.6	60.6

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5/24/2019 1:36:36 PM

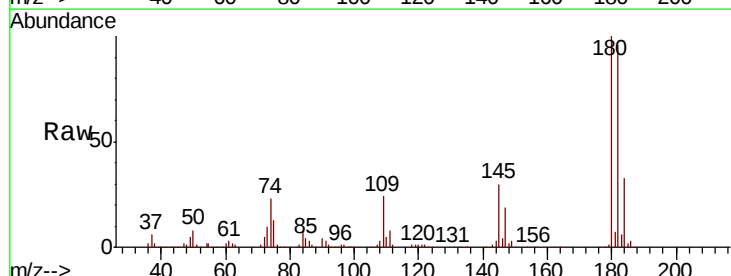


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

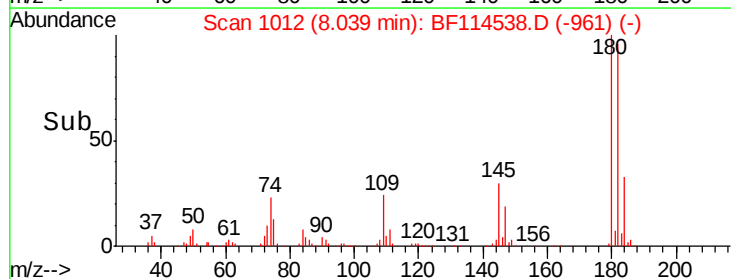
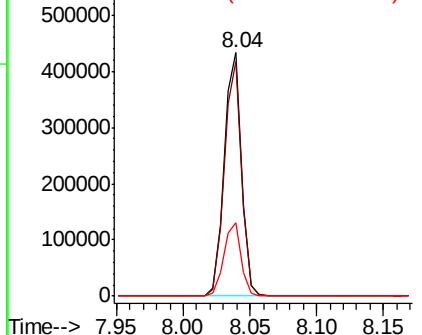


#30
1,2,4-Trichlorobenzene
Concen: 38.022 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion:	180	Resp:	399189
Ion Ratio	Lower	Upper	
180	100		
182	96.2	76.6	114.8
145	30.2	25.1	37.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





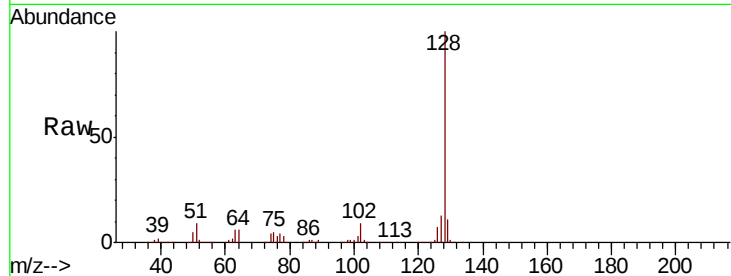
#31
Naphthalene
Concen: 40.995 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.6	14.4
127	13.5	11.3	16.9

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5/24/2019 1:36:36 PM

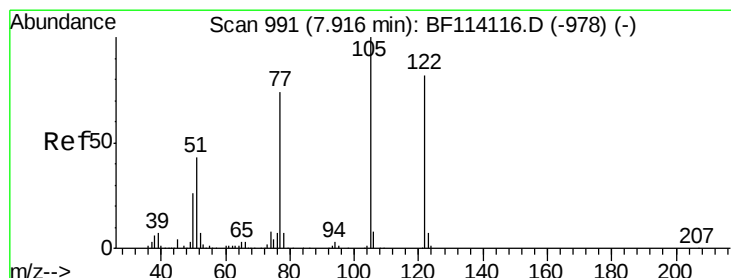
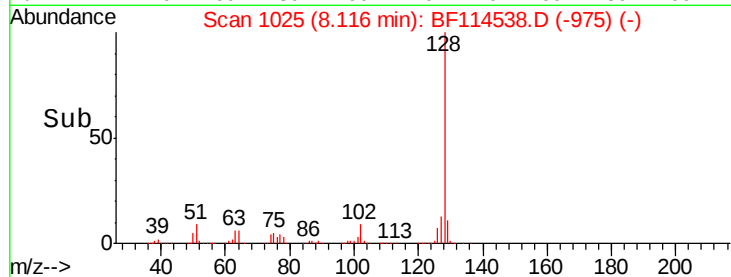
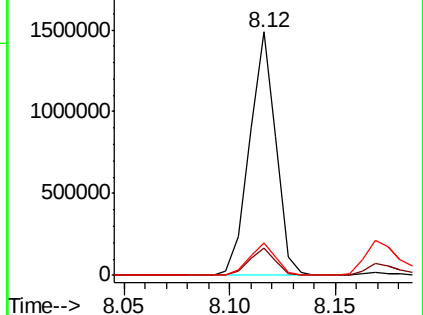


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 16.760 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.04 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

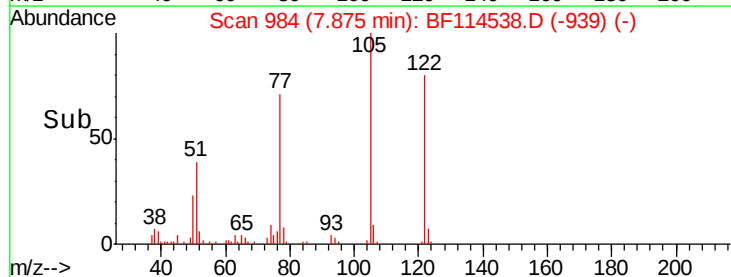
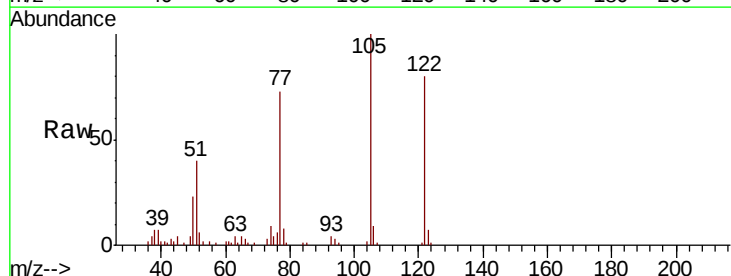
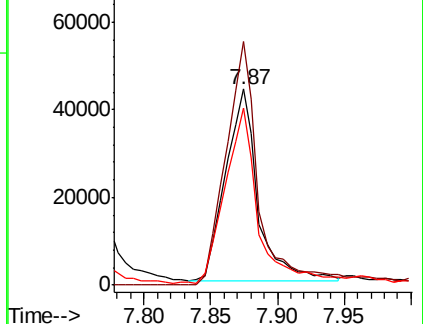
Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.3	99.9	139.9
77	90.4	69.4	109.4

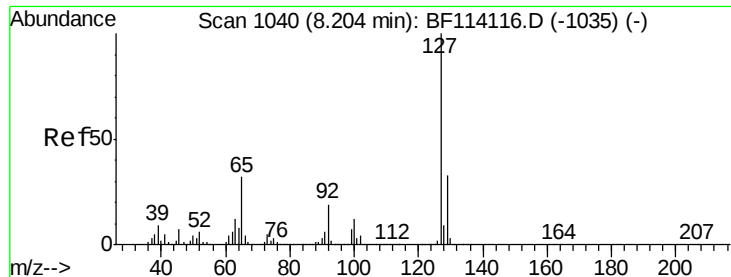
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





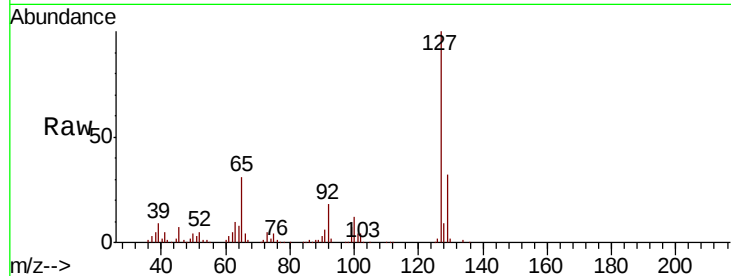
#33
4-Chloroaniline
Concen: 19.544 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		278930		
129	32.4	26.7	40.1		
65	31.0	25.4	38.0		
92	18.2	15.4	23.2		

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5/24/2019 1:36:36 PM



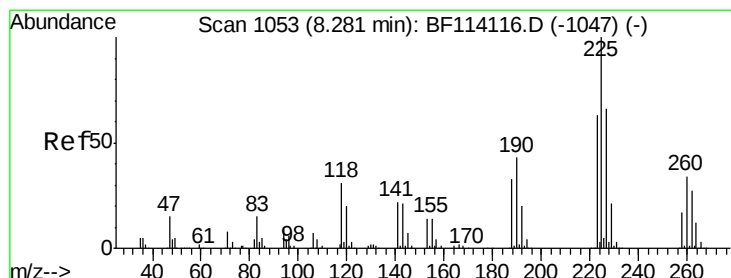
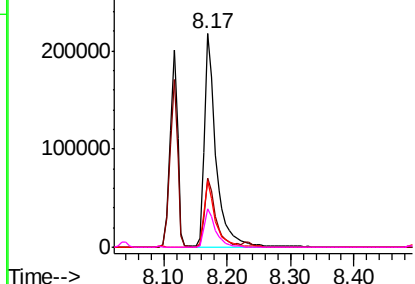
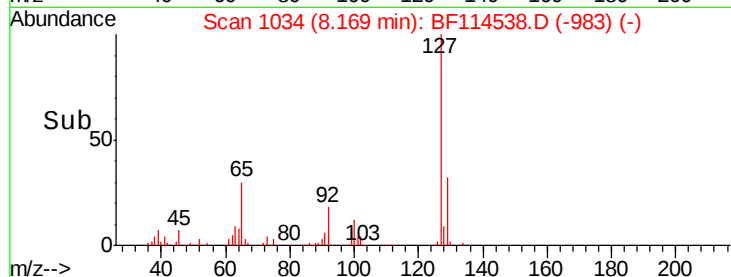
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

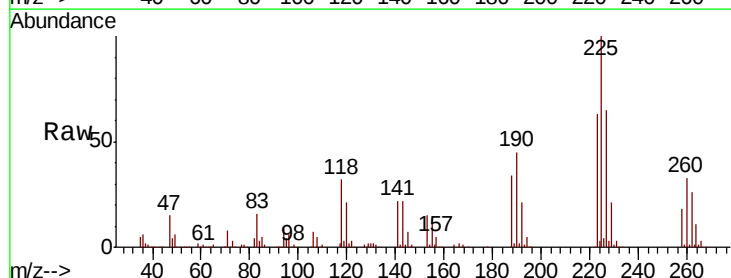
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 36.466 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		217836		
223	63.4	50.2	75.2		
227	65.4	52.6	79.0		

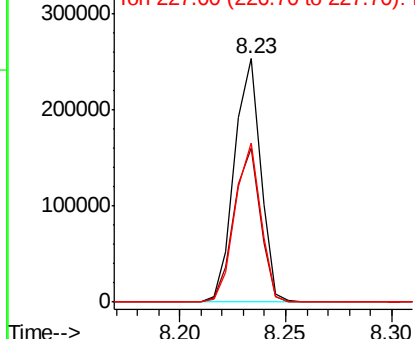
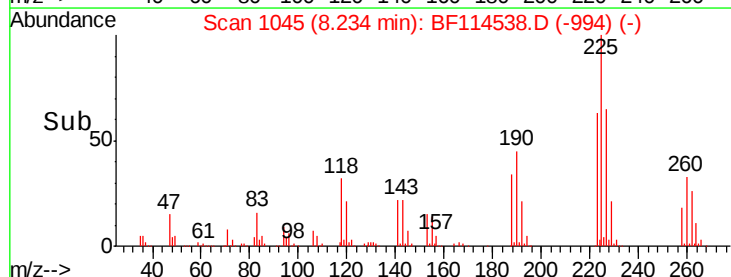


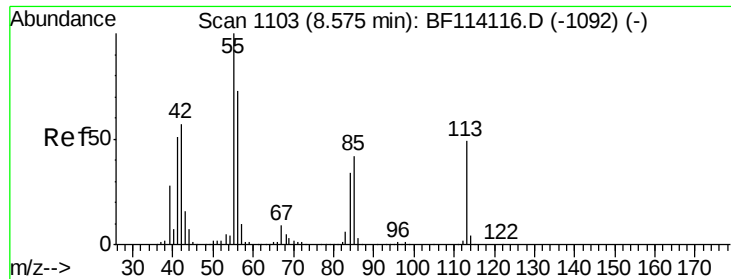
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





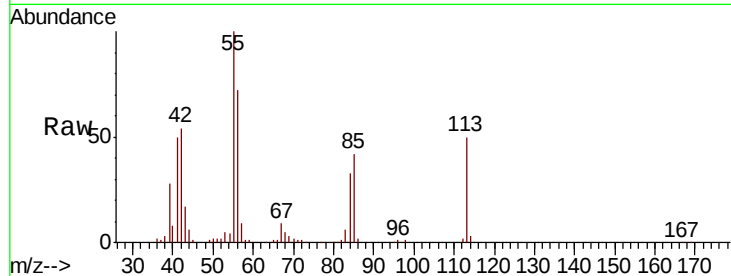
#35
Caprolactam
Concen: 45.580 ng/ml
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

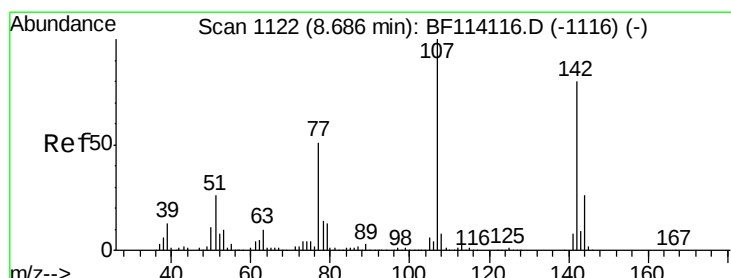
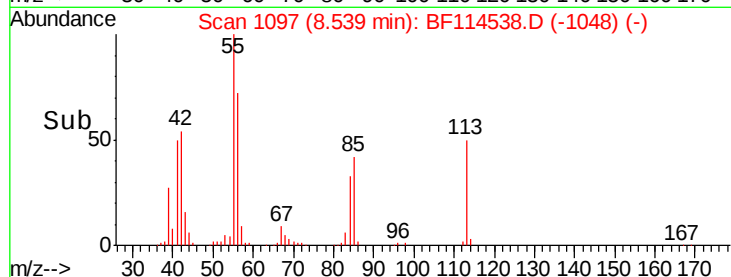
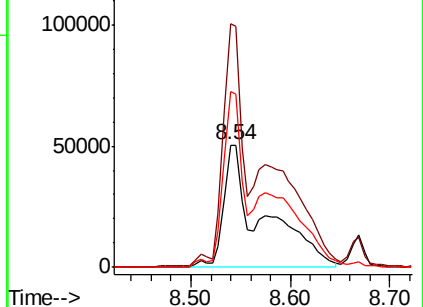
Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	199.1		183.5	223.5	
56	144.2		128.8	168.8	

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5/24/2019 1:36:36 PM

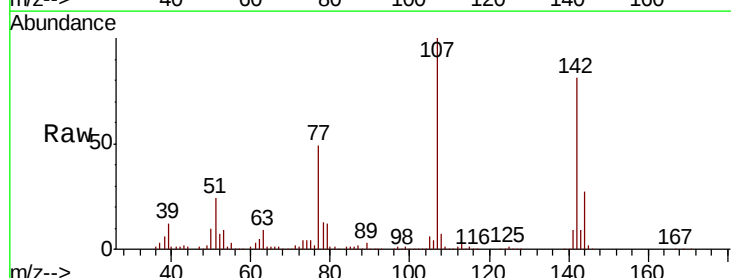


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

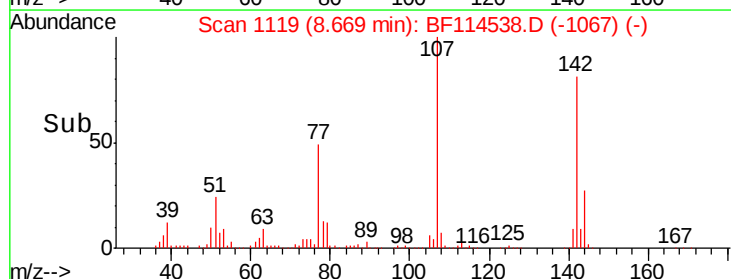
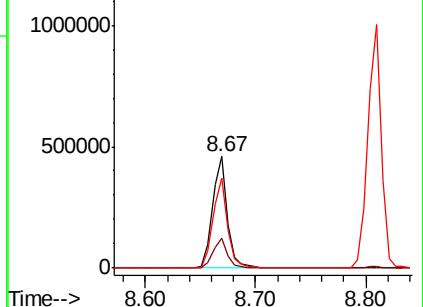


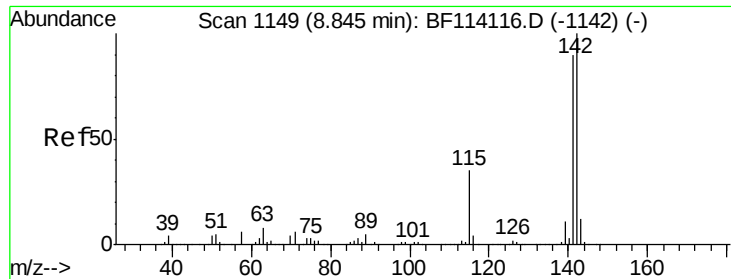
#36
4-Chloro-3-methylphenol
Concen: 44.797 ng/ml
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.8		20.4	30.6	
142	80.9		64.2	96.4	



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





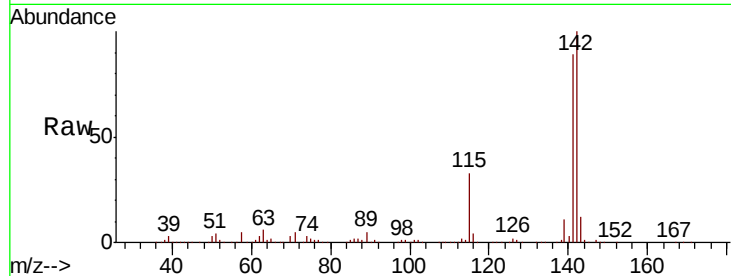
#37
2-Methylnaphthalene
Concen: 42.735 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.1	108.1
115	33.0	28.0	42.0

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5/24/2019 1:36:36 PM

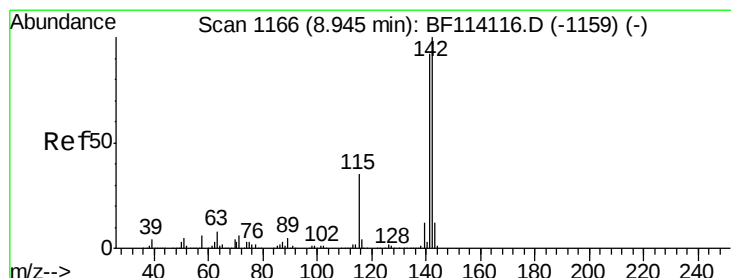
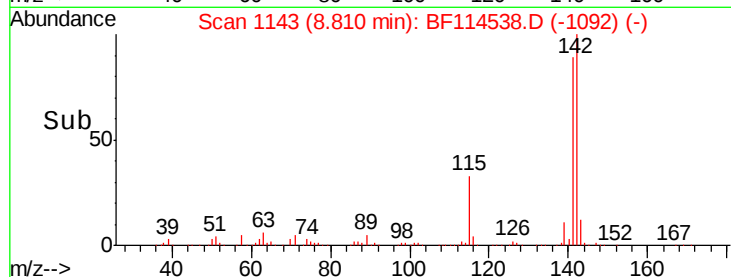
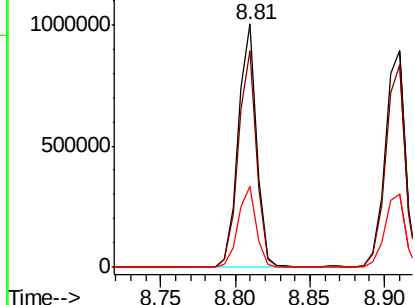


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.893 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

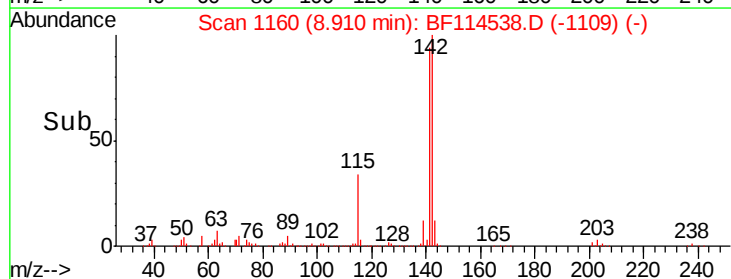
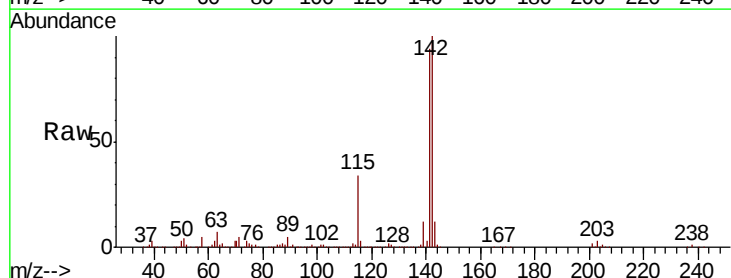
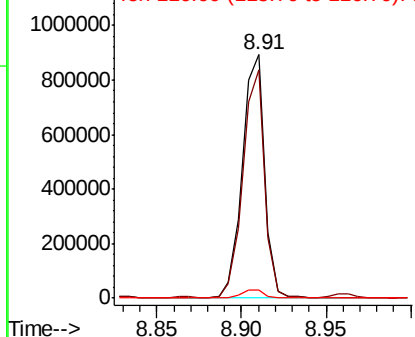
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.4	110.0
116	3.5	3.1	4.7

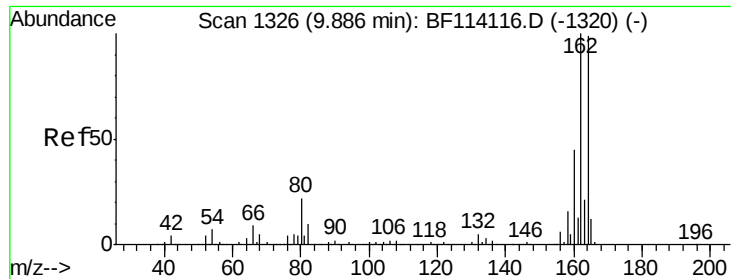
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





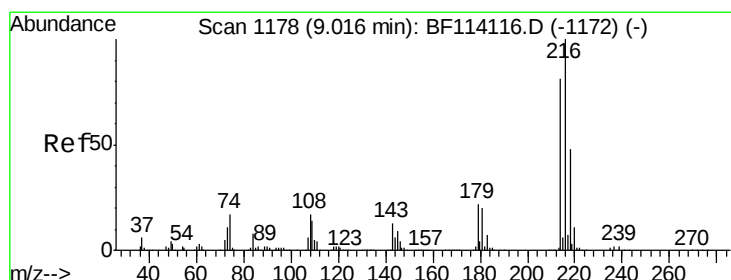
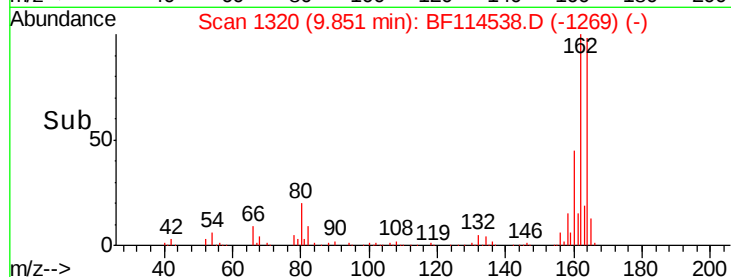
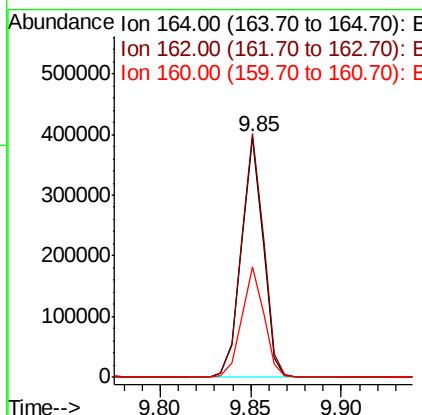
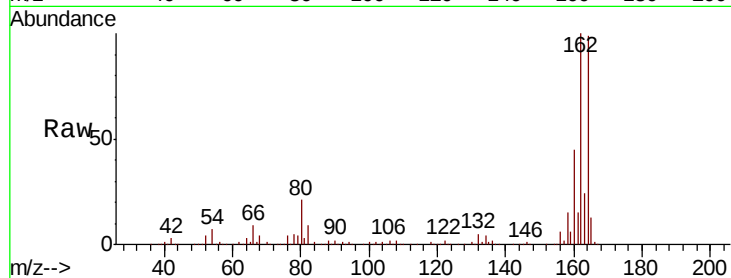
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	80.6	120.8	
160	46.0	36.5	54.7	

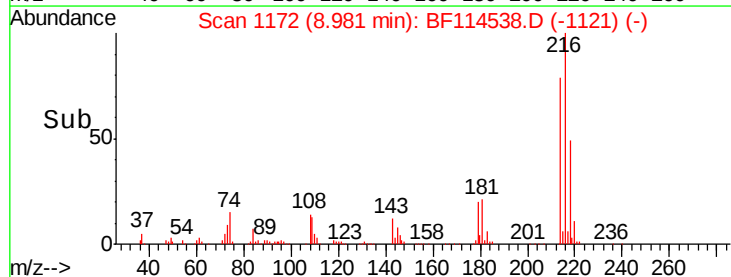
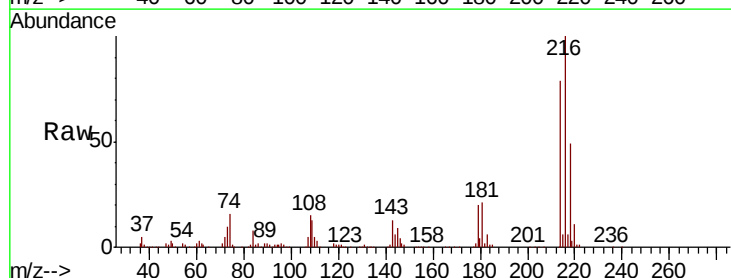
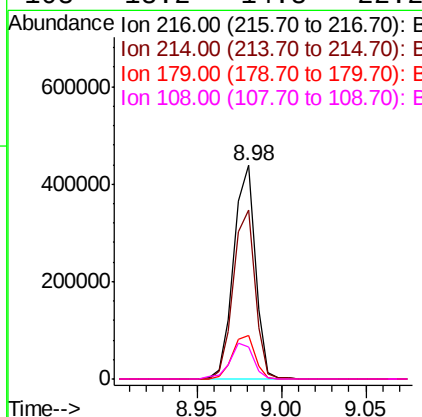
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5/24/2019 1:36:36 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.129 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.7	63.9	95.9	
179	21.2	17.0	25.6	
108	18.2	14.8	22.2	





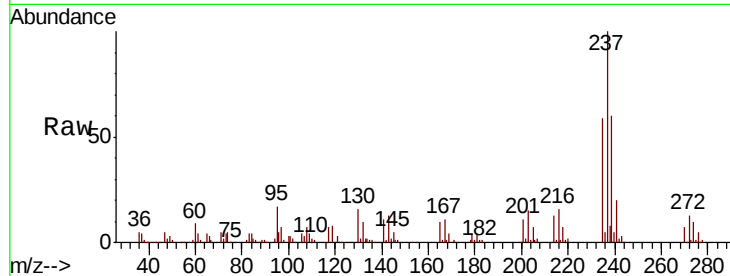
#41
Hexachlorocyclopentadiene
Concen: 24.051 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

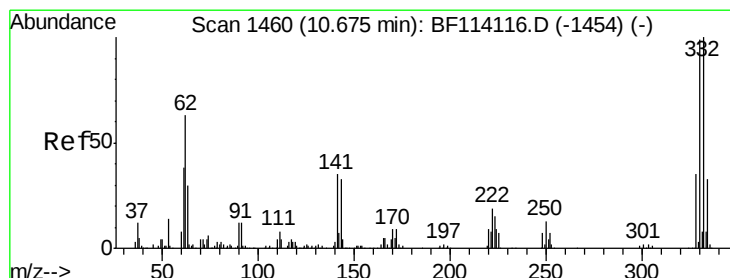
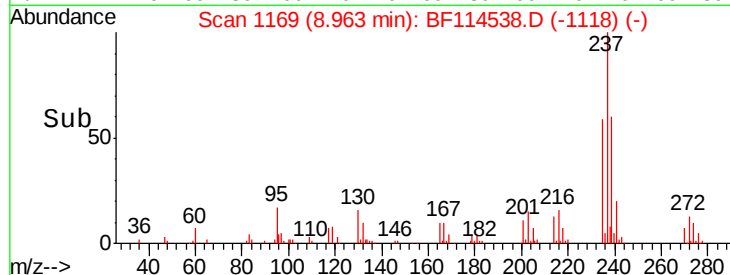
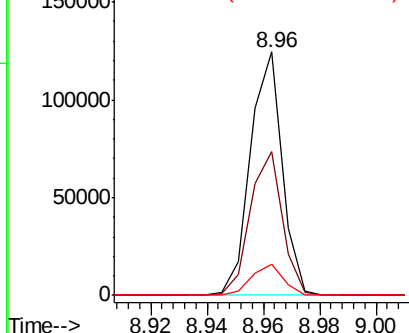
Tot Ion	Ratio	Resp	Lower	Upper
237	100	97301		
235	59.3	42.0	82.0	
272	13.0	0.0	32.4	

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5/24/2019 1:36:36 PM

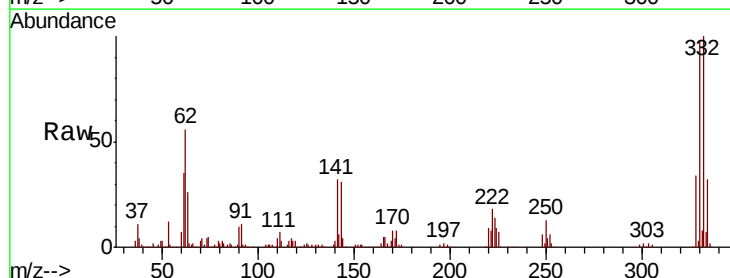


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

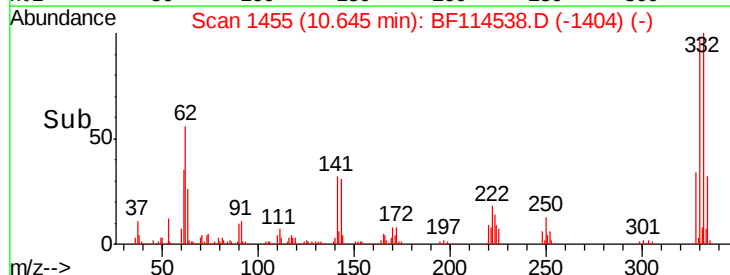
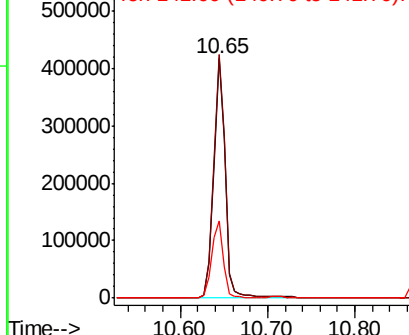


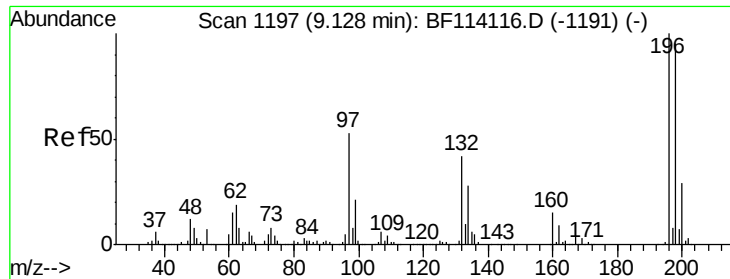
#42
2,4,6-Tribromophenol
Concen: 112.666 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	385099		
332	102.1	81.4	122.2	
141	32.4	26.6	40.0	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





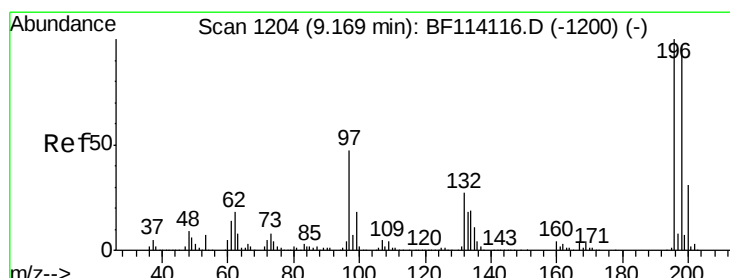
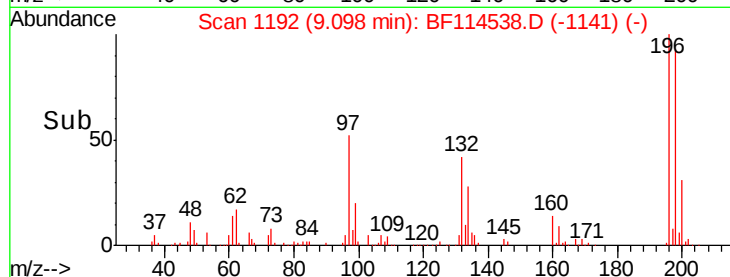
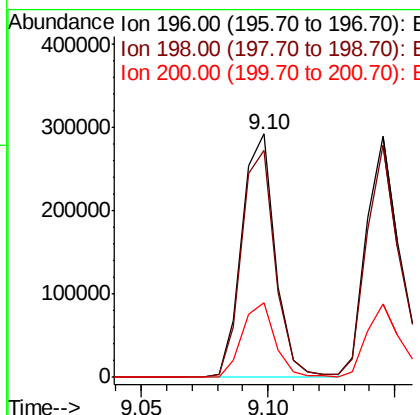
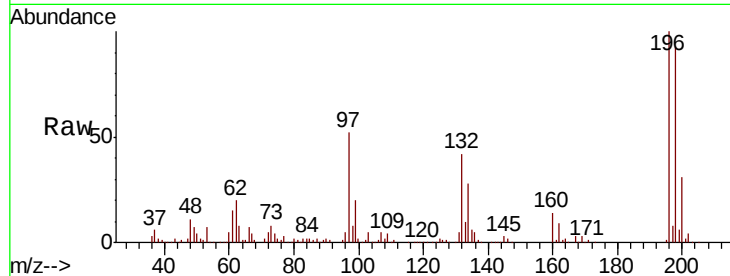
#43
 2,4,6-Trichlorophenol
 Concen: 38.982 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF114538.D
 Acq: 23 May 2019 22:01

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5.8.19MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	268535		
198	93.2	75.9	113.9	
200	30.8	23.5	35.3	

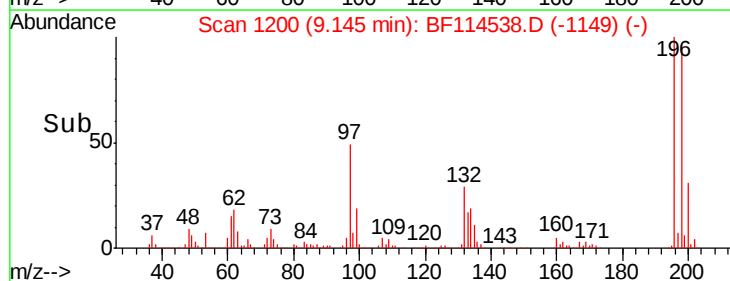
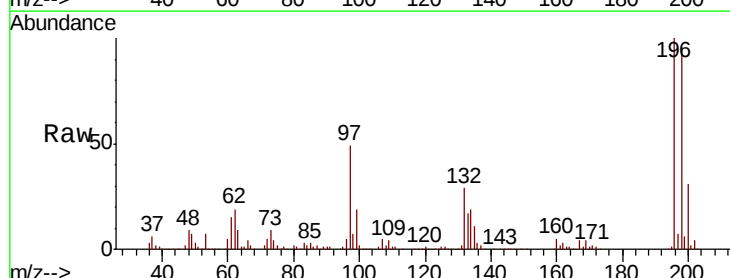
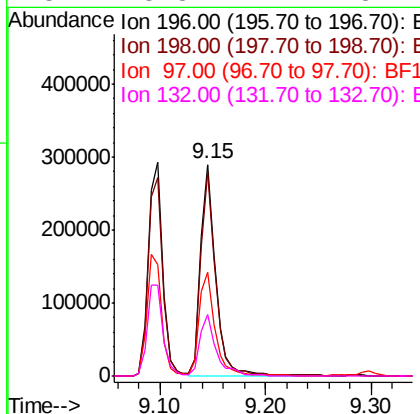
Manual Integrations
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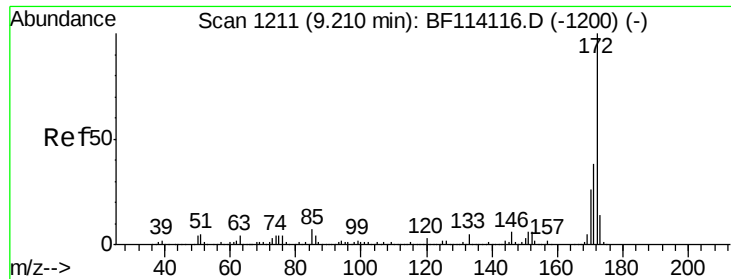
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 40.102 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF114538.D
 Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	283312		
198	96.3	77.7	116.5	
97	49.1	38.2	57.2	
132	28.8	21.4	32.2	





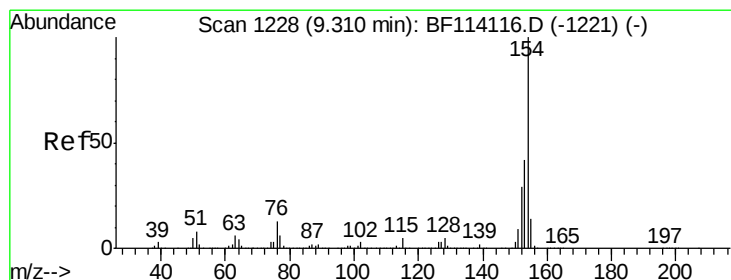
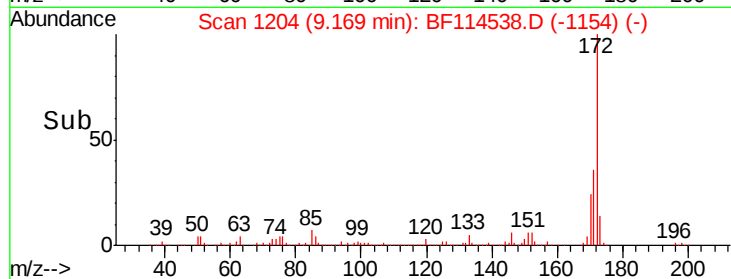
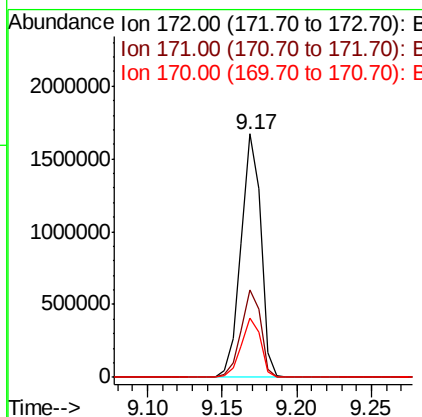
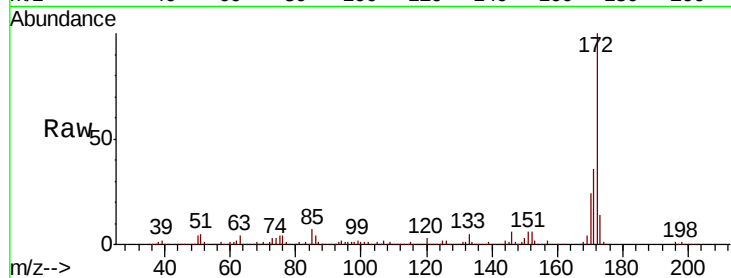
#45
2-Fluorobiphenyl
Concen: 71.022 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.9	30.7	46.1	
170	24.1	20.5	30.7	

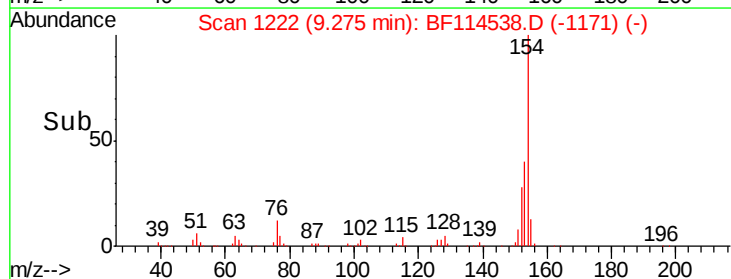
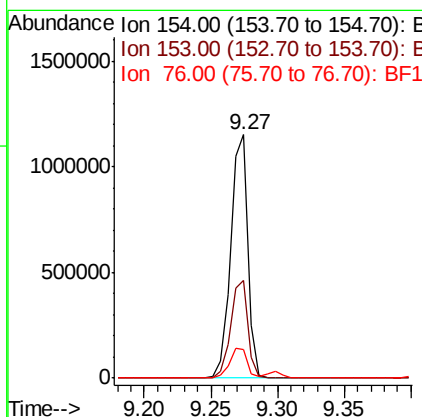
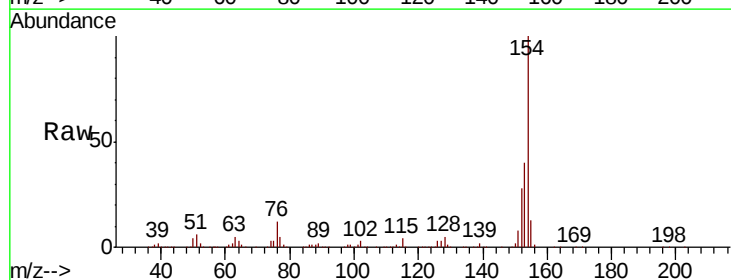
Manual Integrations
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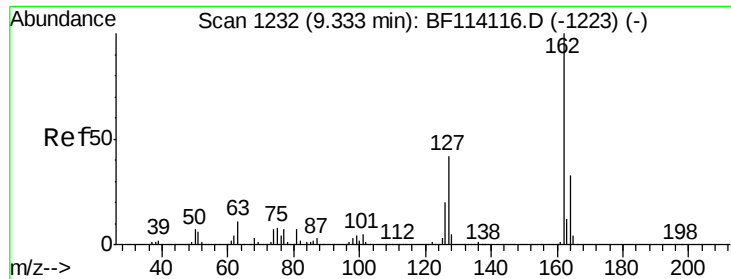
mohammad
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#46
1,1'-Biphenyl
Concen: 39.242 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.4	21.9	61.9	
76	11.6	0.0	32.8	





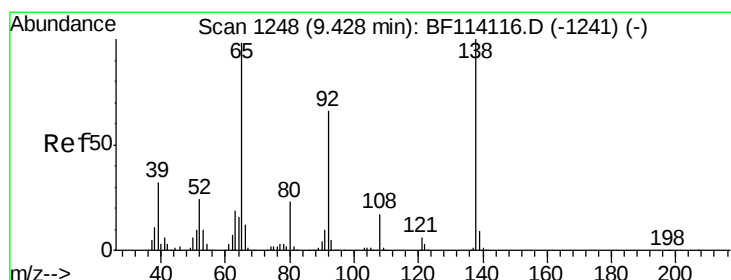
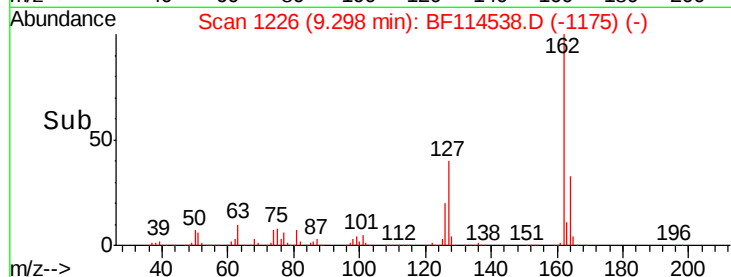
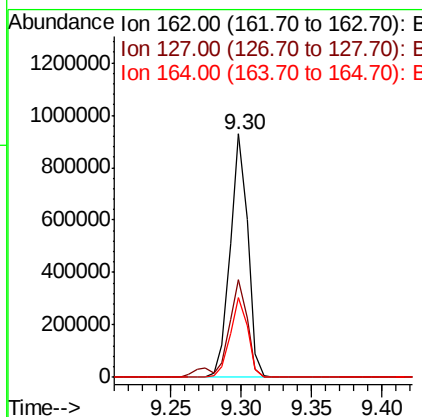
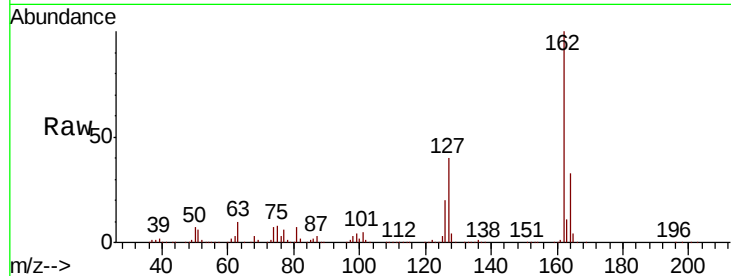
#47
 2-Chloronaphthalene
 Concen: 37.686 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BF114538.D
 Acq: 23 May 2019 22:01

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	34.0	51.0
164	32.6	26.7	40.1

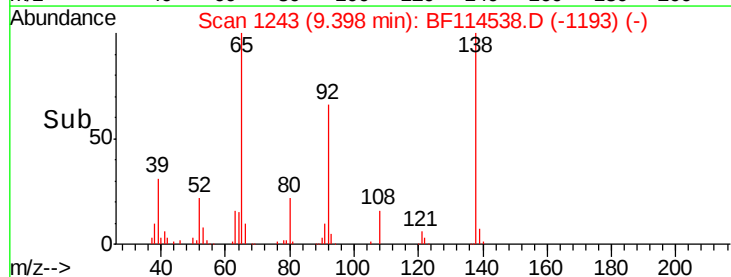
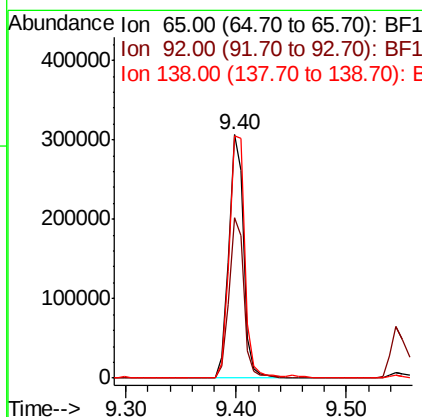
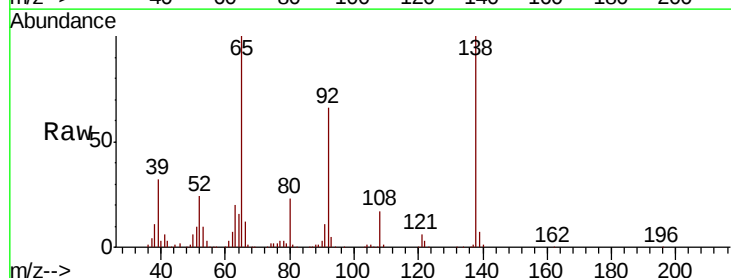
Manual Integrations
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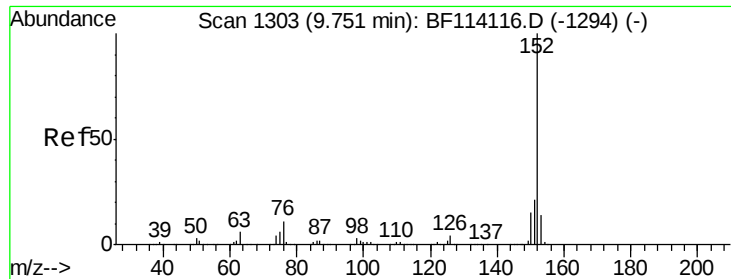
mohammad
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#48
 2-Nitroaniline
 Concen: 38.080 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.01 min
 Lab File: BF114538.D
 Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.8	53.9	80.9
138	99.7	81.4	122.0





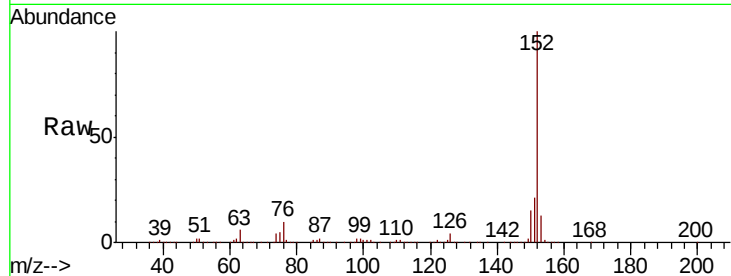
#49
Acenaphthylene
Concen: 39.574 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	12.9	11.4	17.2

Manual Integrations
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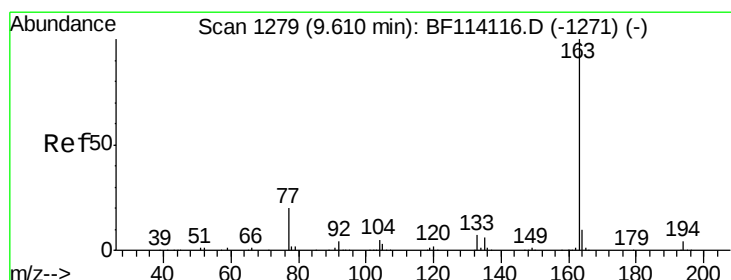
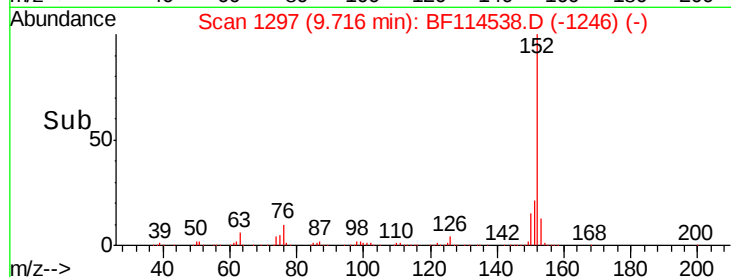
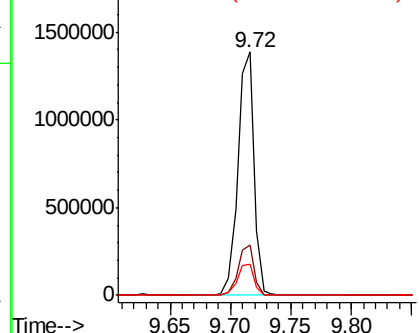


Abundance

Ion 152.00 (151.70 to 152.70): E

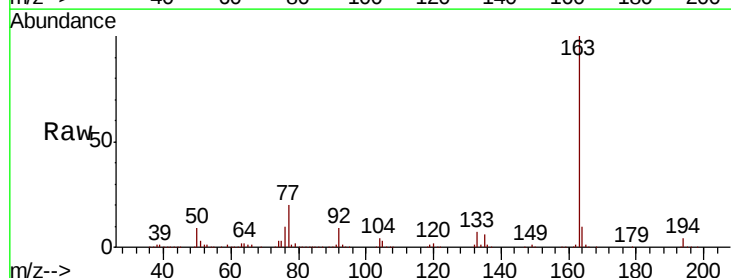
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 44.963 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.0
164	10.2	8.2	12.2

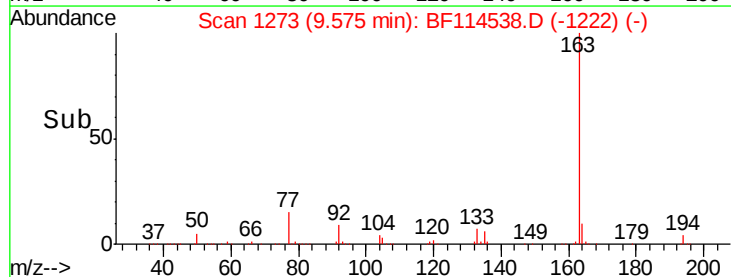
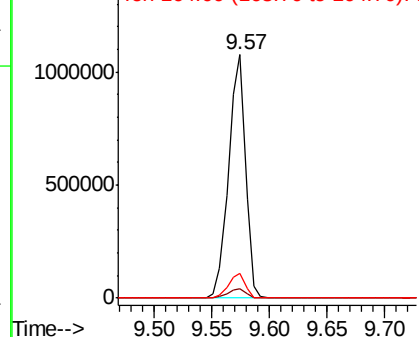


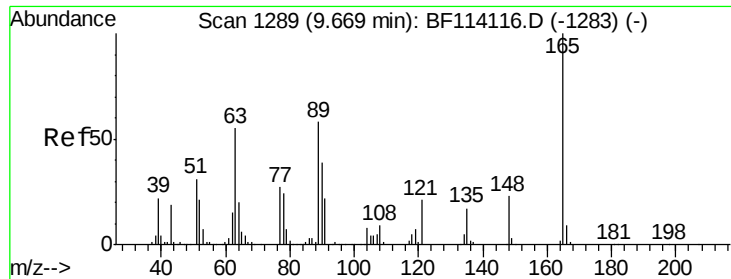
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





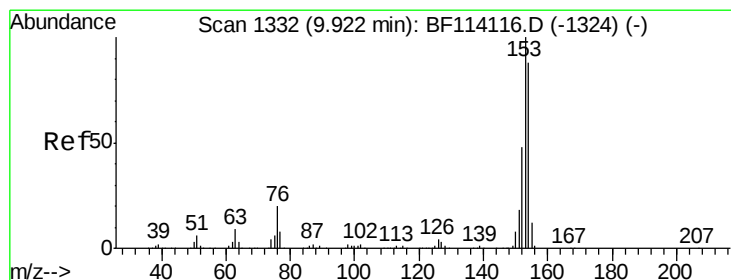
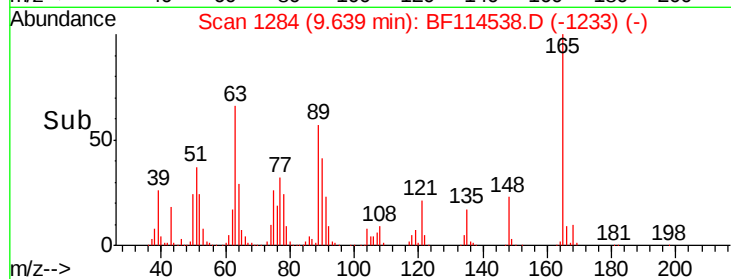
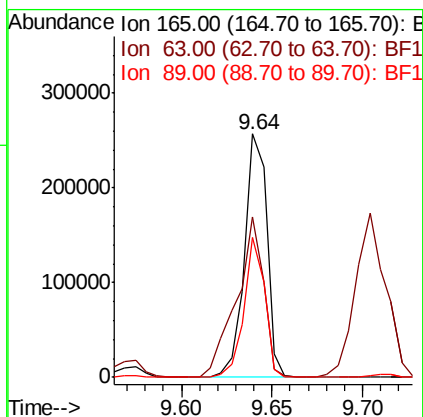
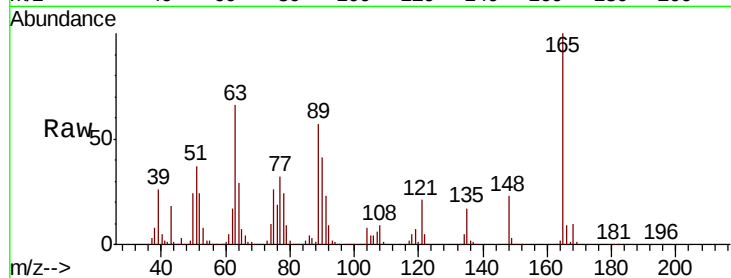
#51
2,6-Dinitrotoluene
Concen: 41.015 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	220794		
63	66.1	50.2	75.4	
89	57.4	46.6	69.8	

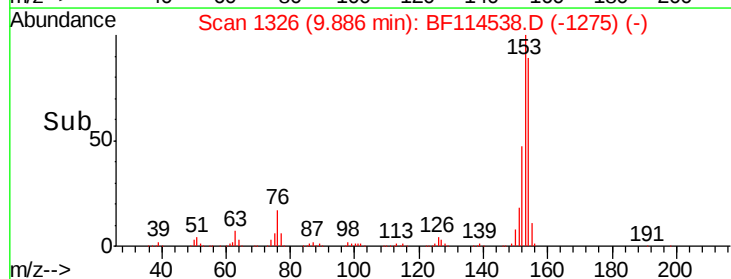
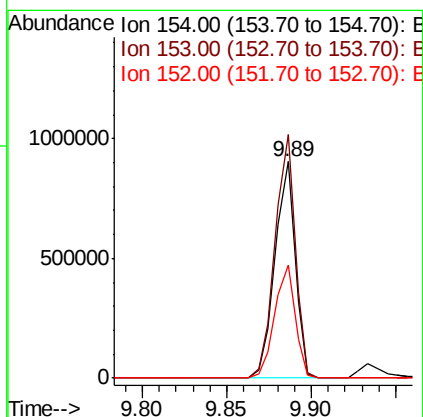
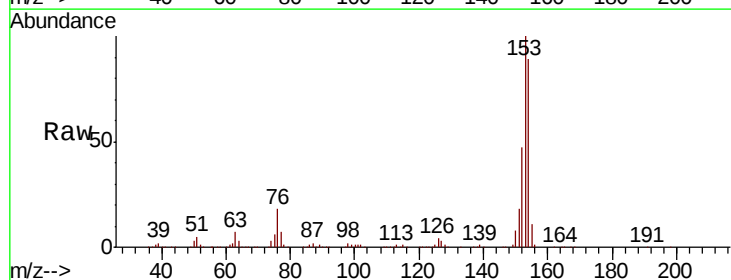
Manual Integrations
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5/24/2019 1:36:36 PM



#52
Acenaphthene
Concen: 37.536 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	753044		
153	112.5	90.5	135.7	
152	52.4	43.4	65.2	





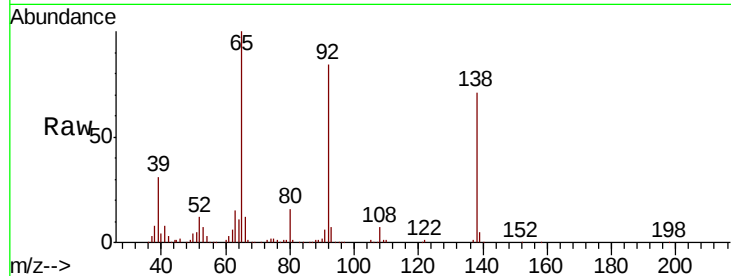
#53
3-Nitroaniline
Concen: 27.238 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

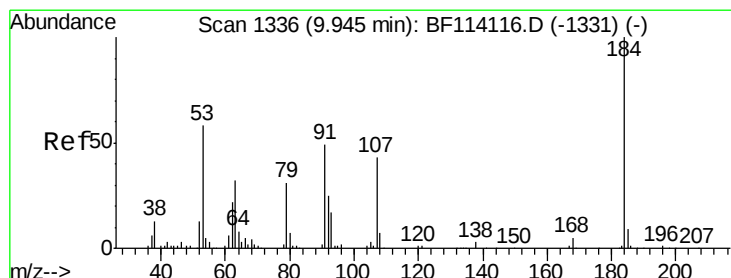
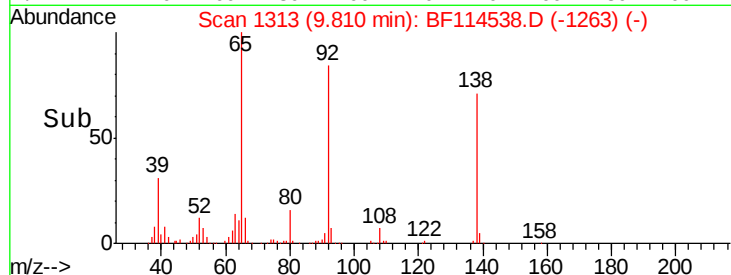
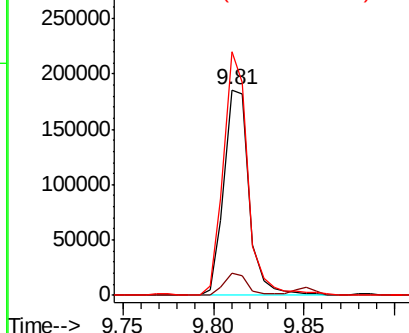
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	7.8	11.6
92	118.5	91.2	136.8

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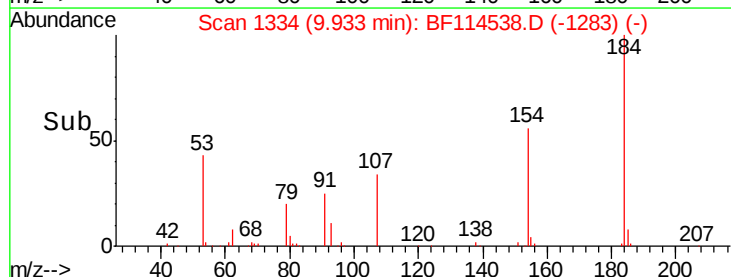
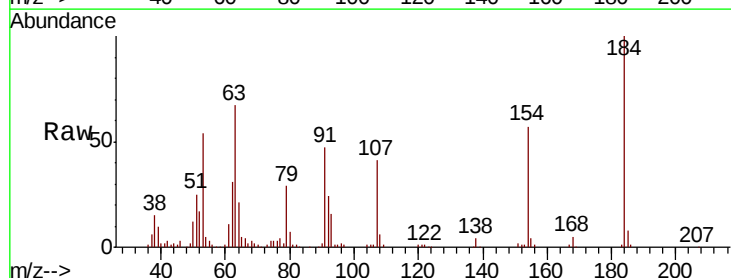
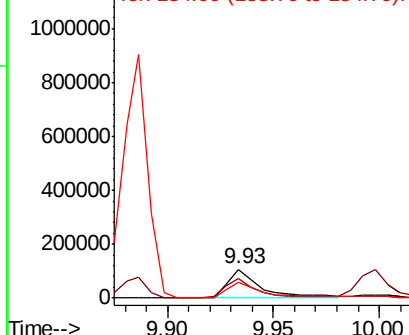
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

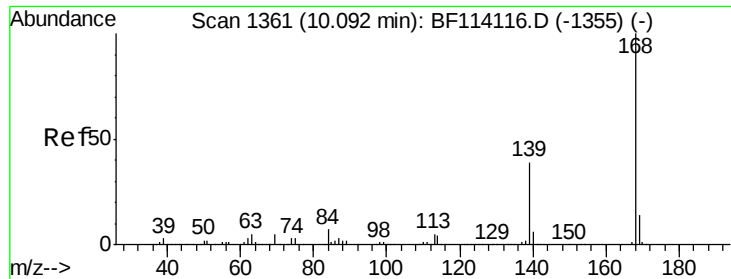


#54
2,4-Dinitrophenol
Concen: 45.788 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.7	55.6	83.4
154	56.7	46.0	69.0

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





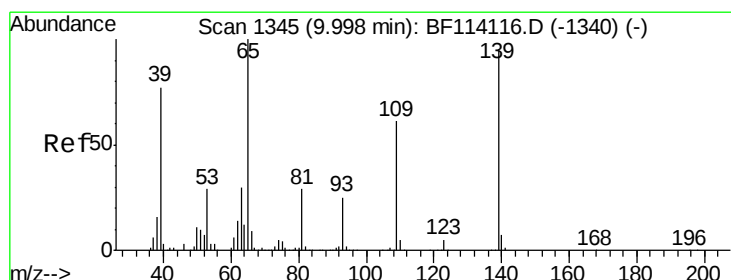
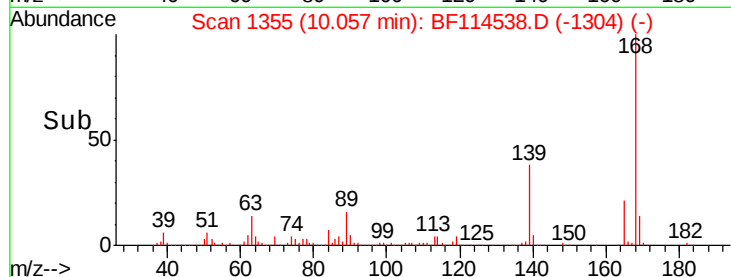
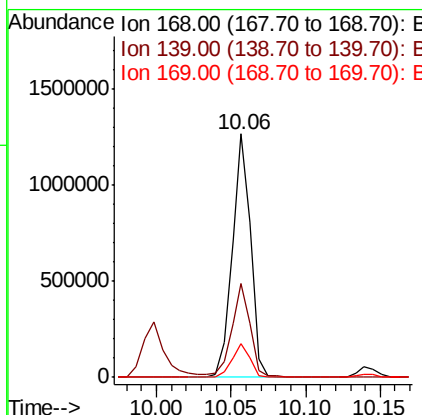
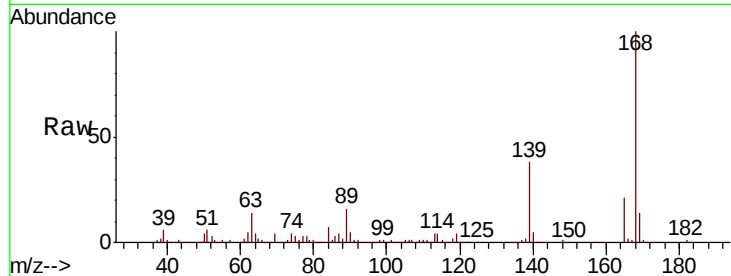
#55
Dibenzofuran
Concen: 37.216 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	31.1	46.7
169	13.7	11.4	17.0

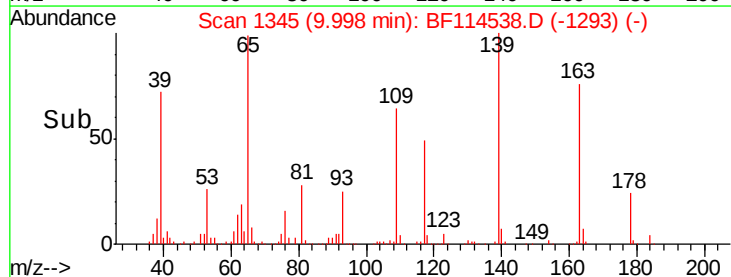
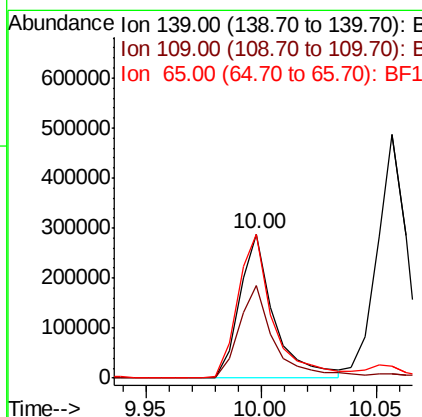
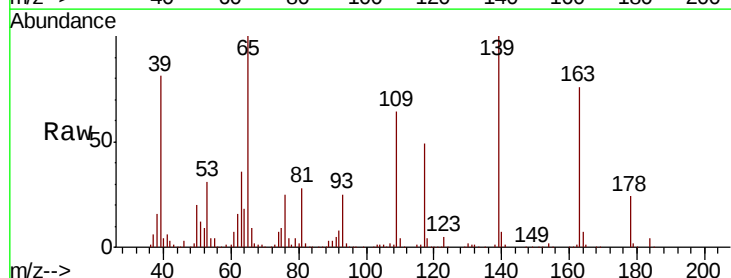
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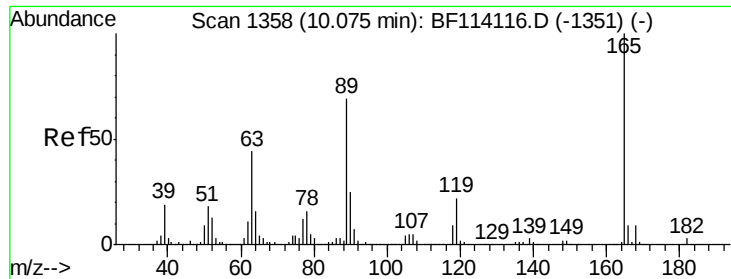
mohammad
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#56
4-Nitrophenol
Concen: 63.353 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.0	43.9	83.9
65	100.1	85.7	125.7





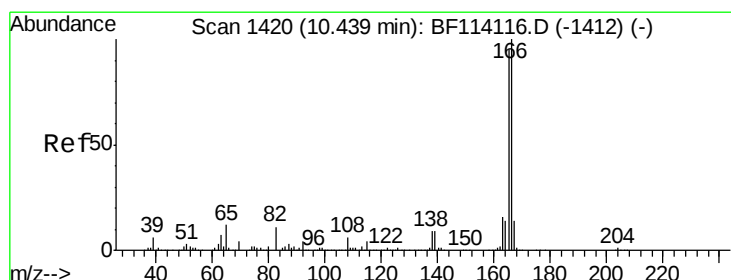
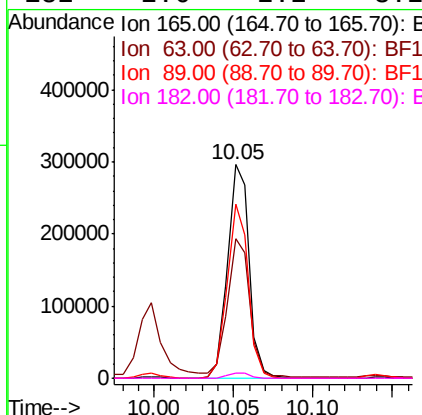
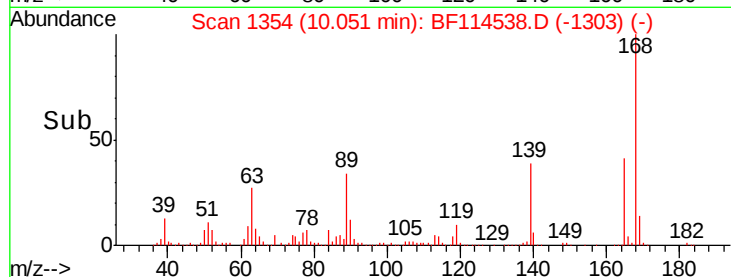
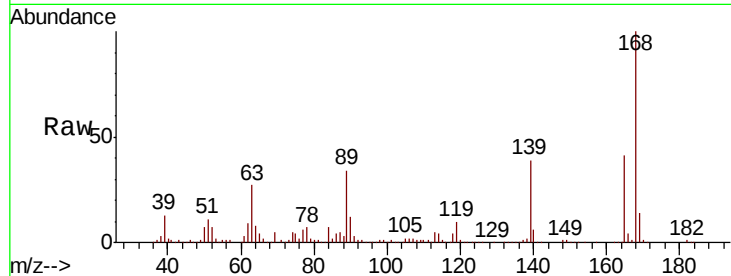
#57
2,4-Dinitrotoluene
Concen: 38.035 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		277906		
63	65.4	35.5	53.3#		
89	81.5	55.2	82.8		
182	2.6	2.2	3.2		

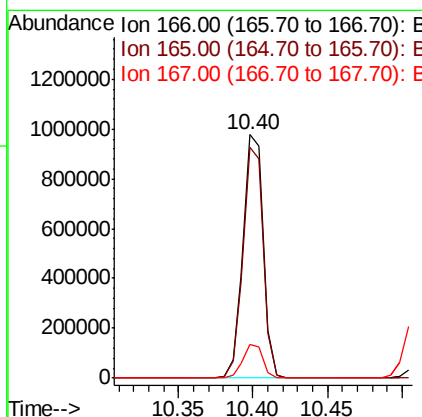
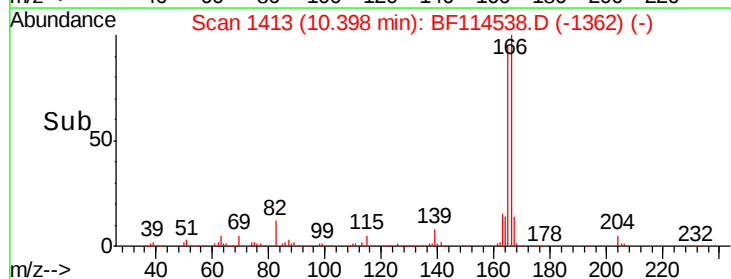
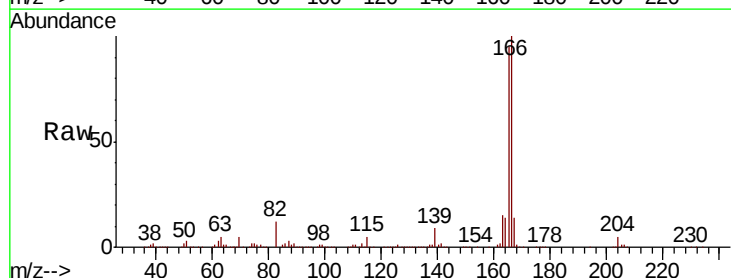
Manual Integrations
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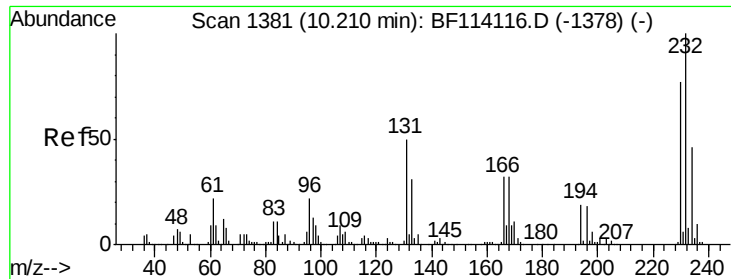
mohammad
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#58
Fluorene
Concen: 40.405 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		918118		
165	94.7	76.1	114.1		
167	13.9	11.1	16.7		





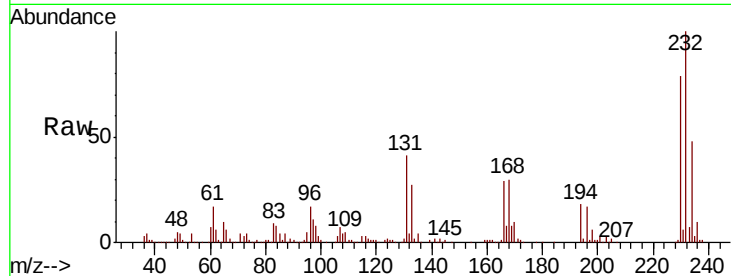
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.078 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

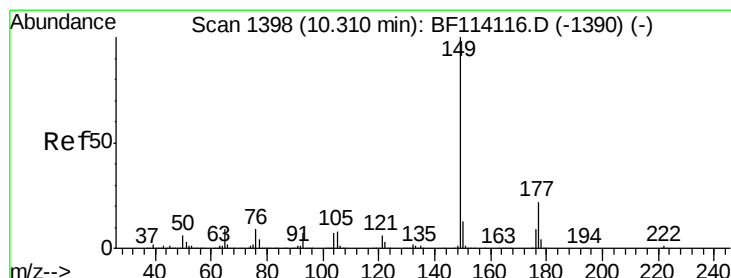
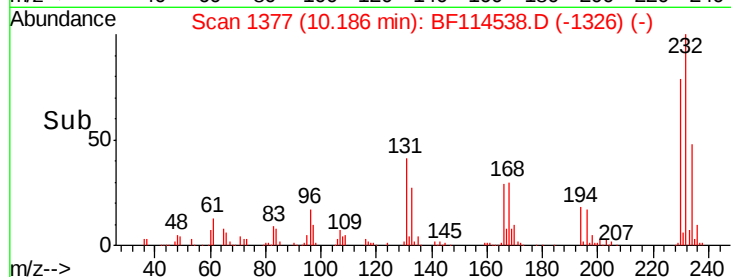
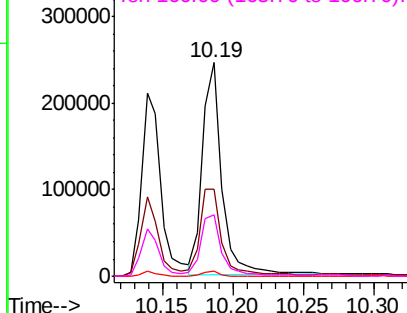
Tot Ion	Ratio	Resp	Lower	Upper
232	100	238207		
131	45.0		35.6	53.4
130	2.3		1.6	2.4
166	30.8		24.1	36.1

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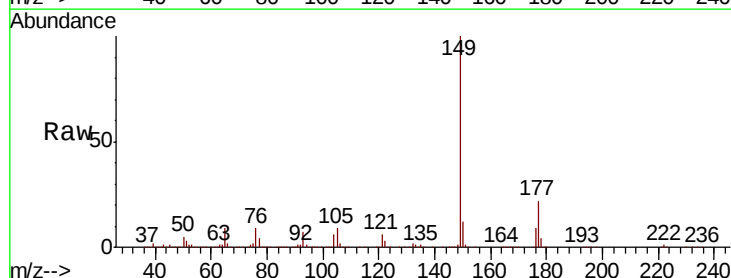


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

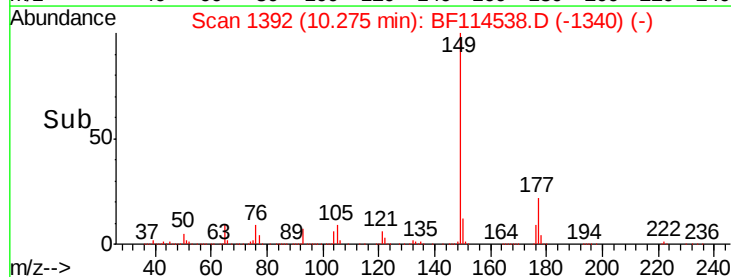
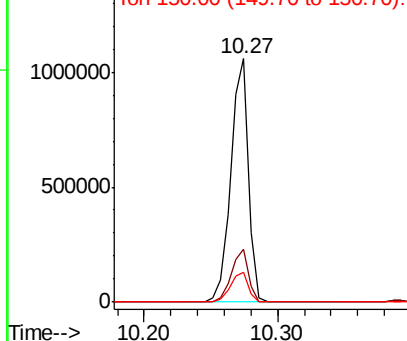


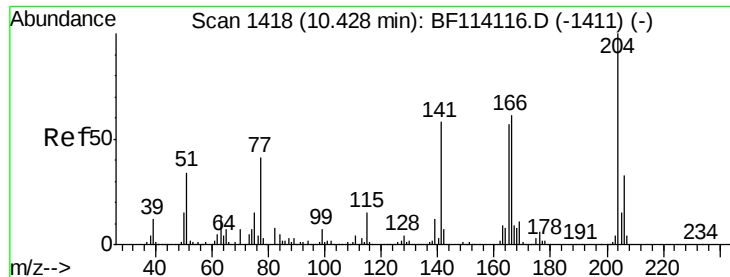
#60
Diethylphthalate
Concen: 39.850 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	982707		
177	22.0		17.8	26.6
150	12.4		10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





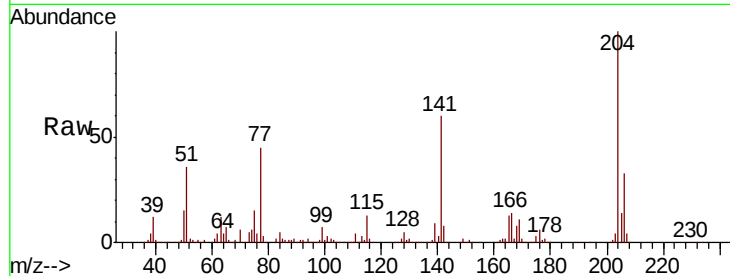
#61
4-Chlorophenyl-phenylether
Concen: 39.128 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	60.5	46.4	69.6

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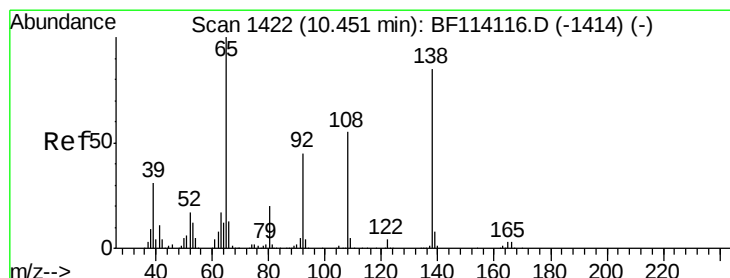
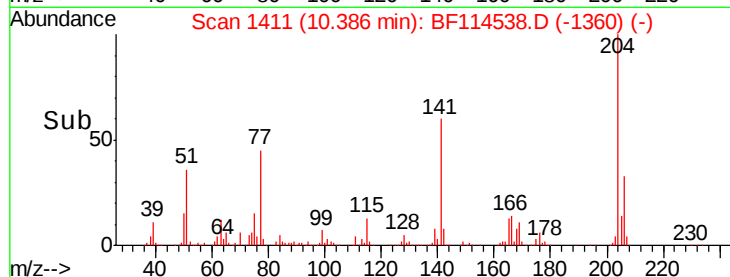
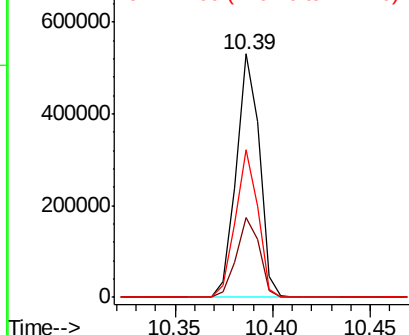


Abundance

Ion 204.00 (203.70 to 204.70): E

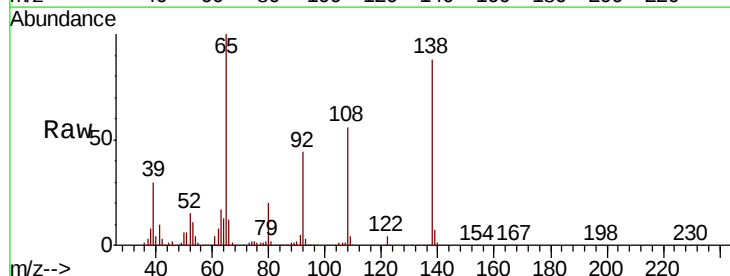
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 36.718 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	33.0	73.0
108	63.9	44.9	84.9

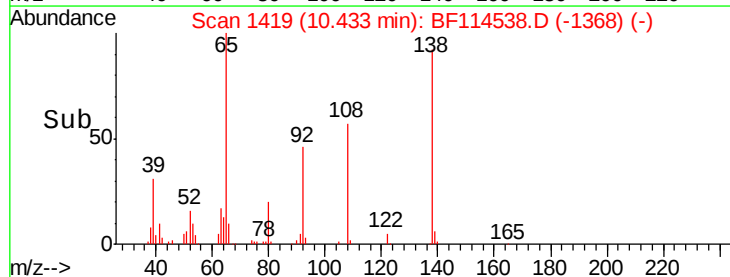
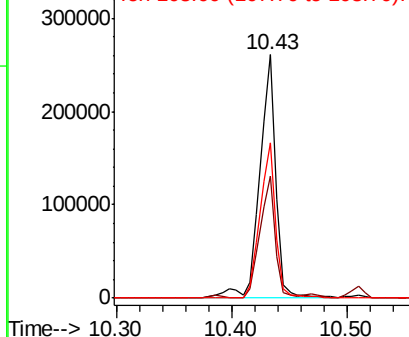


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





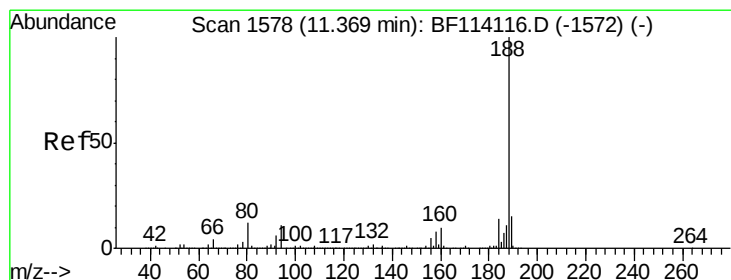
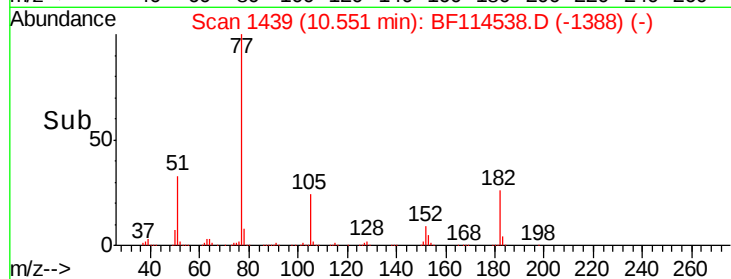
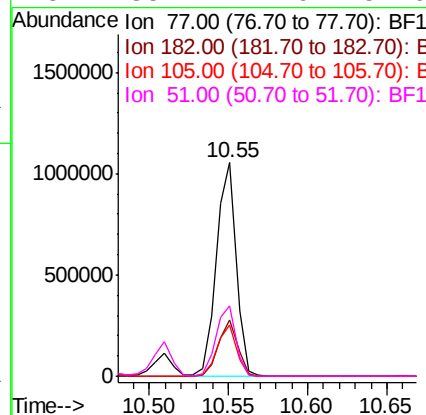
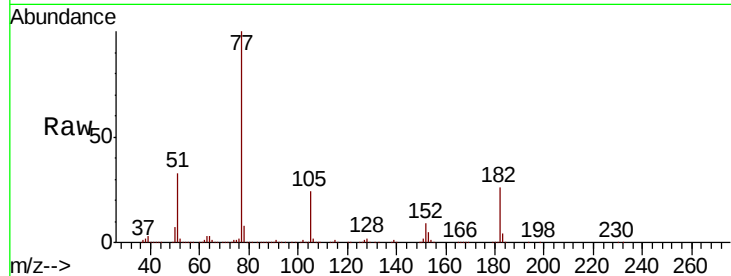
#63
Azobenzene
Concen: 38.394 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.4	4.7	44.7	
105	23.7	2.9	42.9	
51	33.1	14.6	54.6	

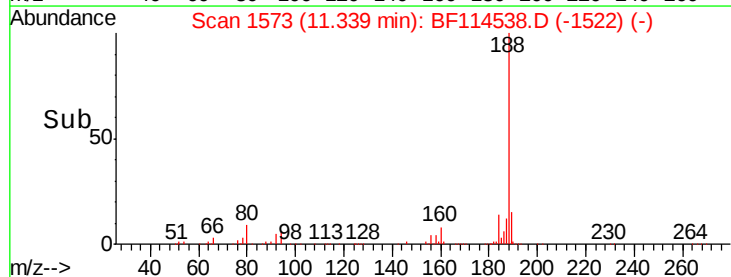
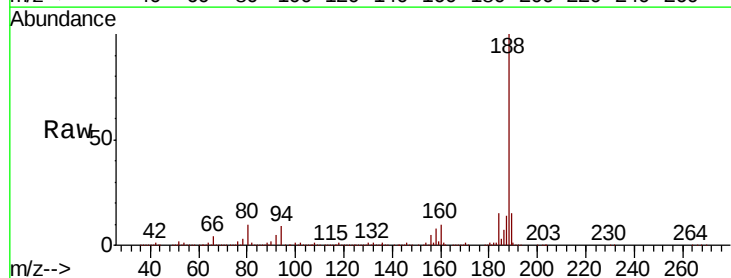
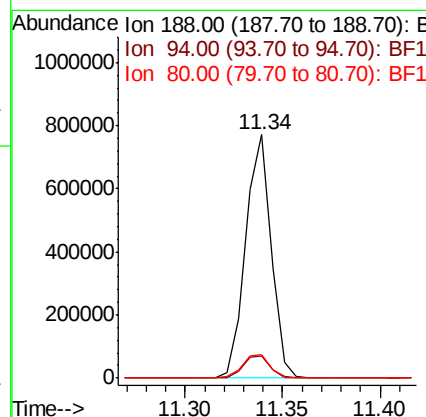
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	8.4	12.6	
80	9.8	9.2	13.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 37.065 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MS

Tot Ion:198 Resp: 124559

Ion Ratio Lower Upper

198 100

51 61.1 28.0 68.0

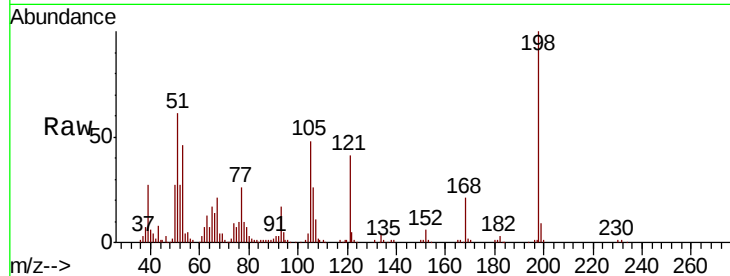
105 47.9 21.1 61.1

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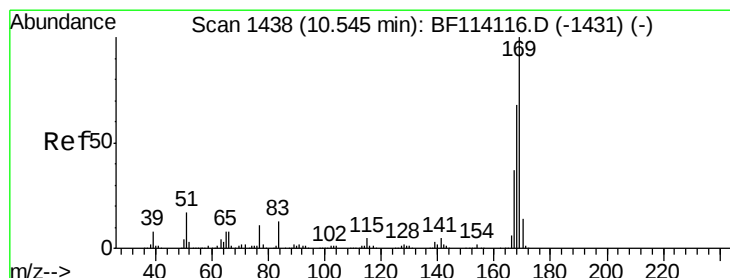
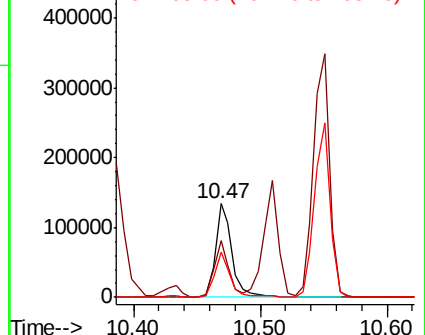
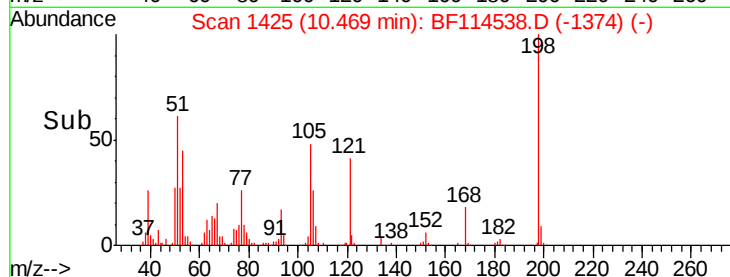
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.718 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

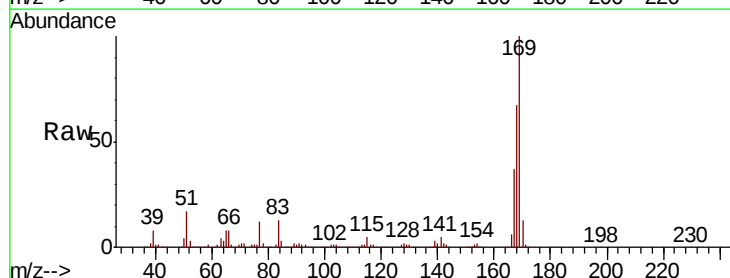
Tgt Ion:169 Resp: 843060

Ion Ratio Lower Upper

169 100

168 66.7 54.2 81.2

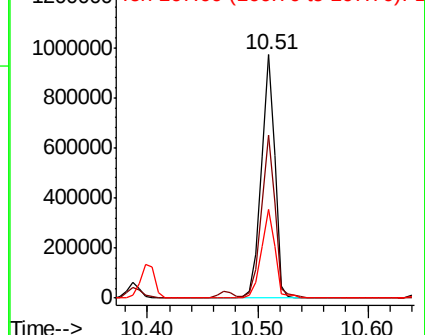
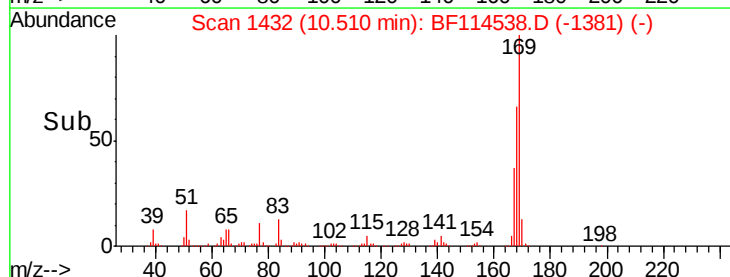
167 36.7 29.8 44.8

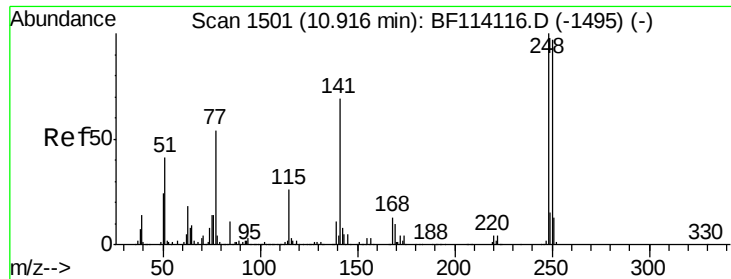


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





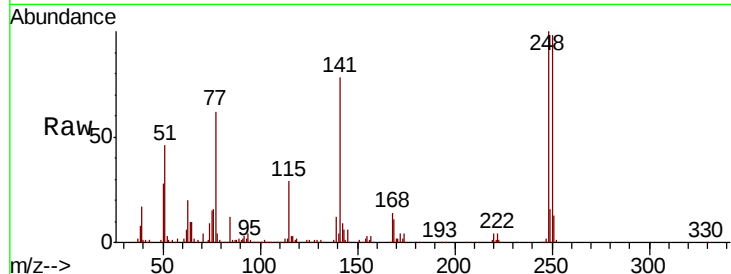
#67
4-Bromophenyl-phenylether
Concen: 36.544 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion:	248	Resp:	281404
Ion Ratio	Lower	Upper	
248	100		
250	97.6	77.4	116.2
141	77.9	55.6	83.4

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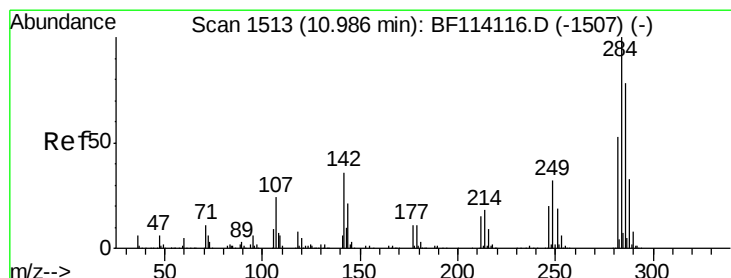
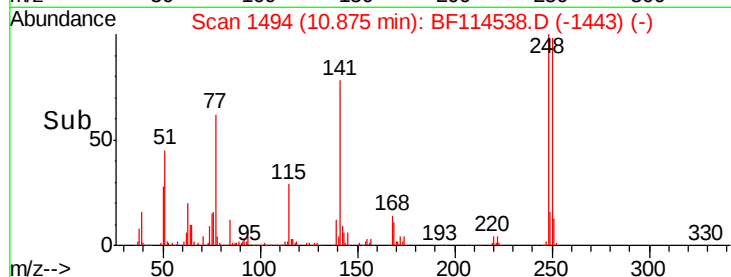
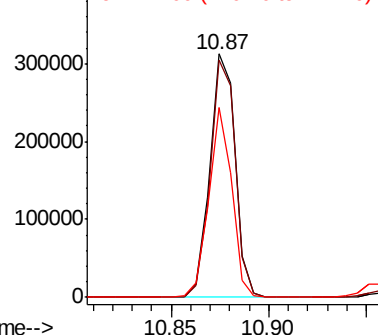


Abundance

Ion 248.00 (247.70 to 248.70): E

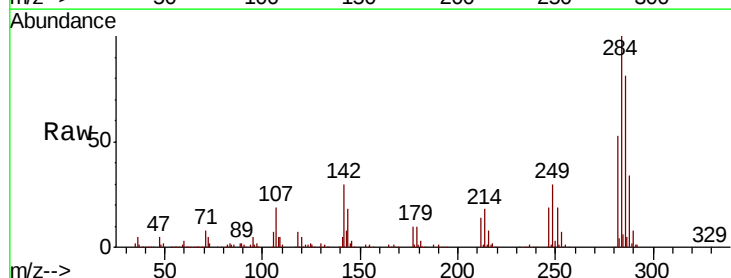
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 35.604 ng
RT: 10.96 min Scan# 1508
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion:	284	Resp:	303295
Ion Ratio	Lower	Upper	
284	100		
142	29.8	28.4	42.6
249	30.0	25.2	37.8

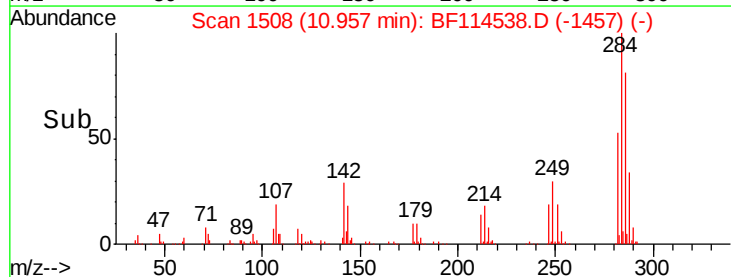
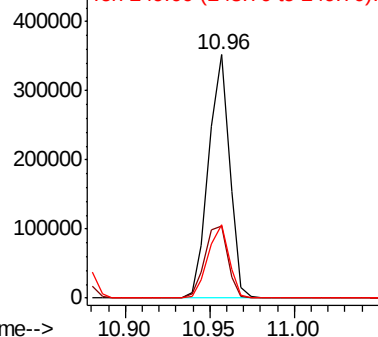


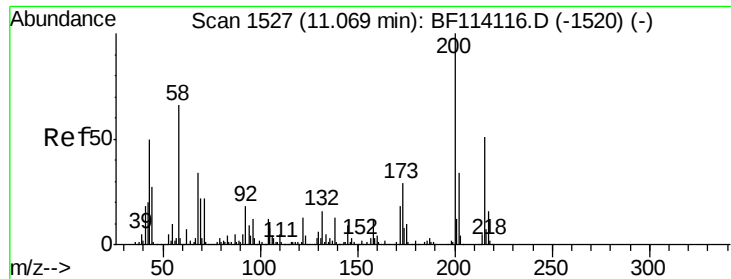
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





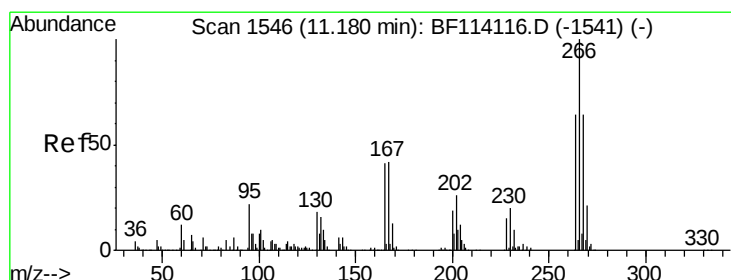
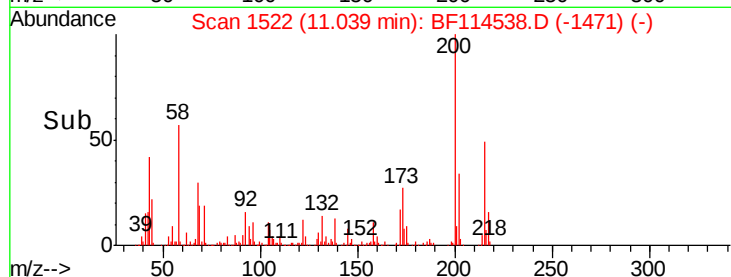
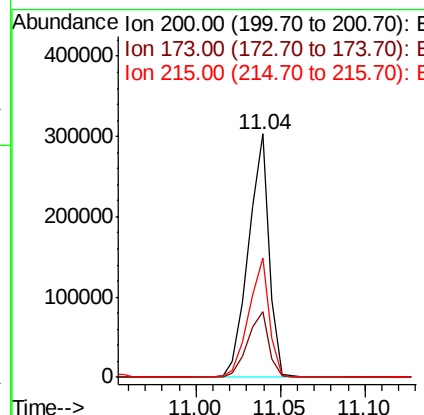
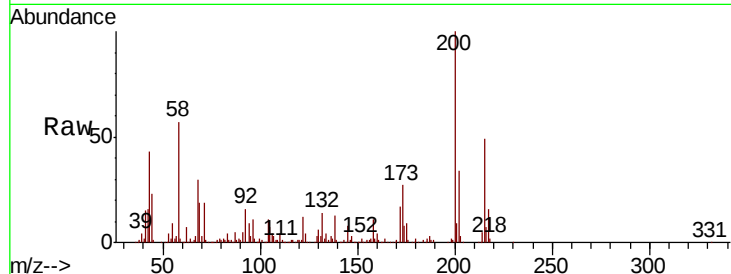
#69
Atrazine
Concen: 39.351 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	259930		
173	27.1	8.9	48.9	
215	49.3	30.7	70.7	

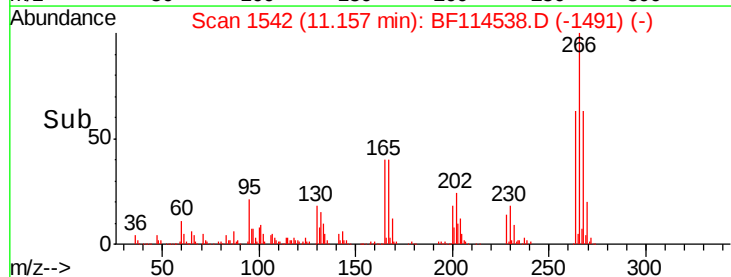
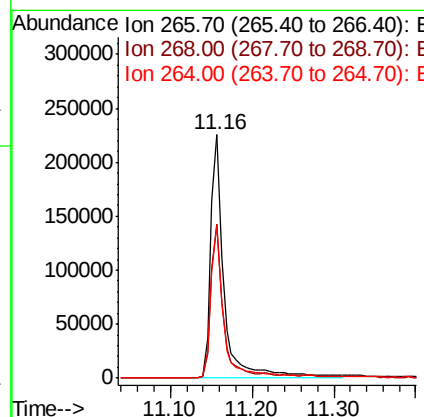
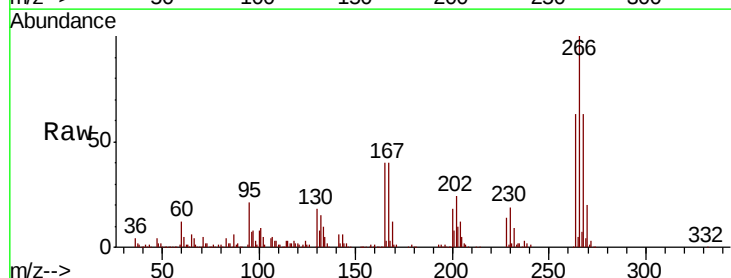
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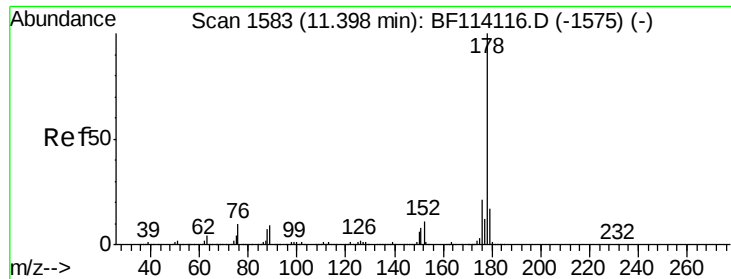
mohammad
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#70
Pentachlorophenol
Concen: 64.563 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	260717		
268	63.1	51.1	76.7	
264	62.5	51.1	76.7	





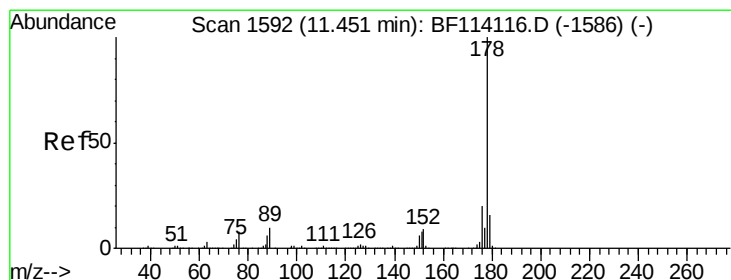
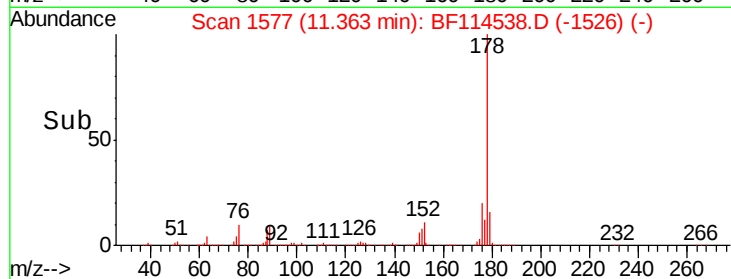
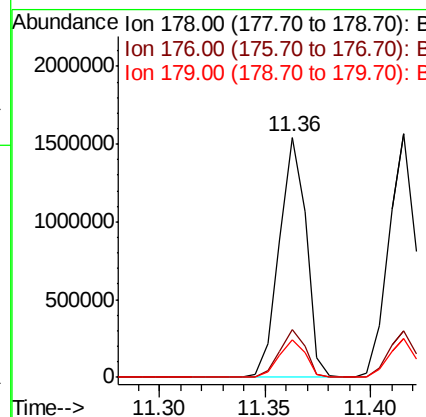
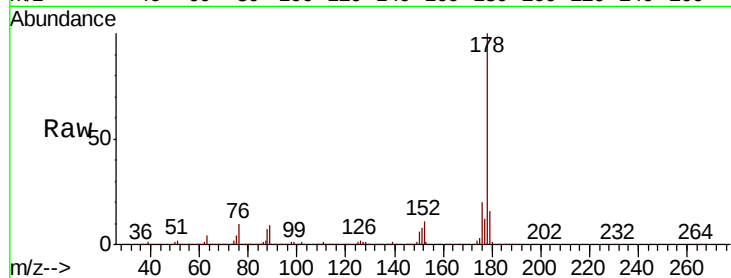
#71
Phenanthrene
Concen: 40.129 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.4	24.6
179	15.7	13.2	19.8

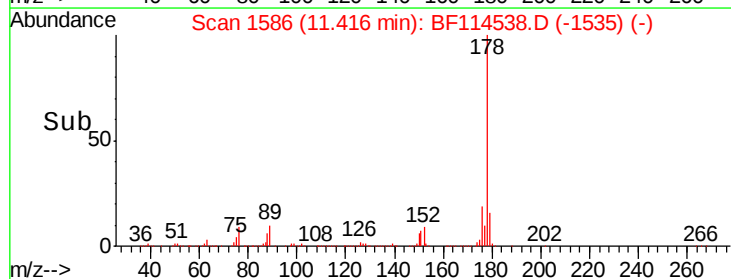
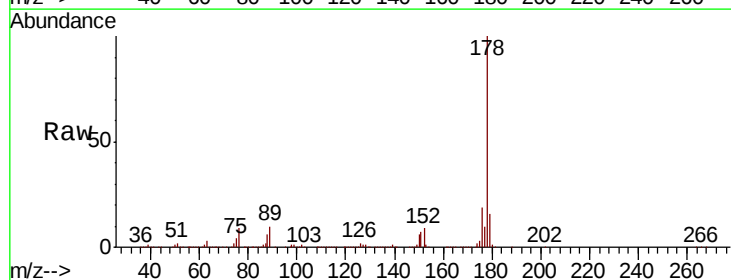
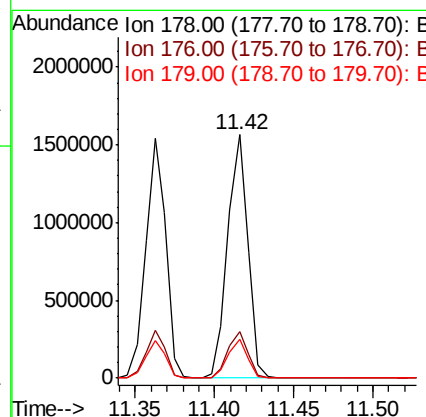
Manual Integrations
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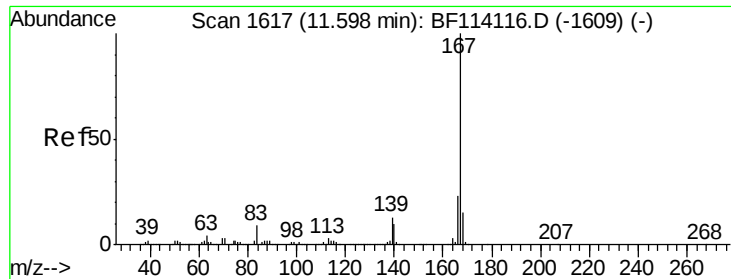
mohammad
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#72
Anthracene
Concen: 40.590 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.9	13.0	19.4





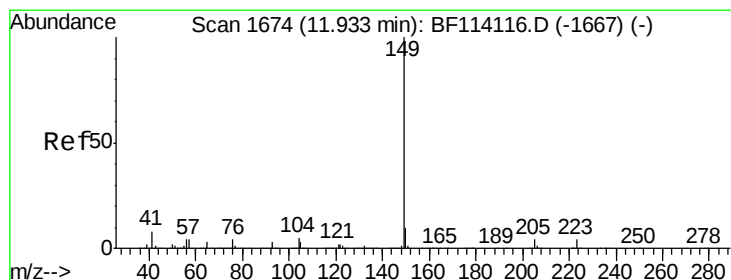
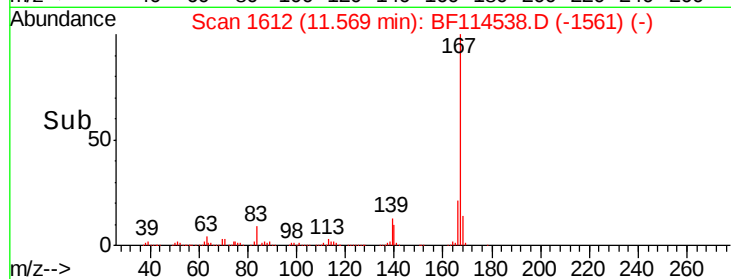
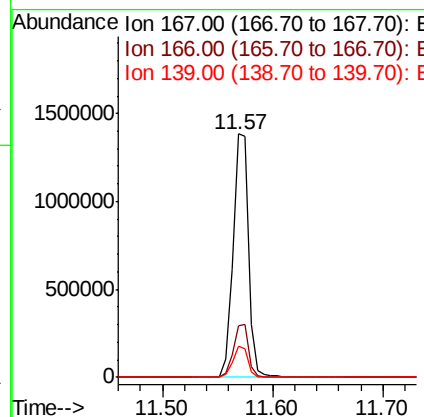
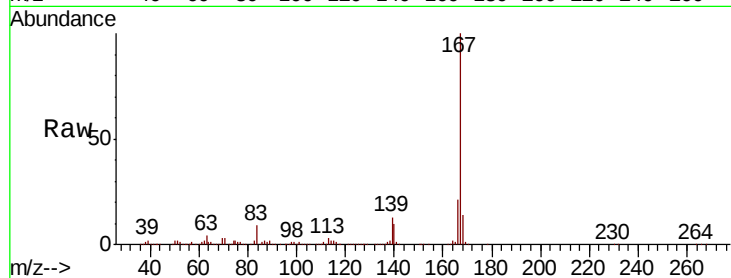
#73
 Carbazole
 Concen: 41.844 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF114538.D
 Acq: 23 May 2019 22:01

Instrument :
 BNA_F
 ClientSampleId :
 COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.2	27.2
139	12.9	10.6	16.0

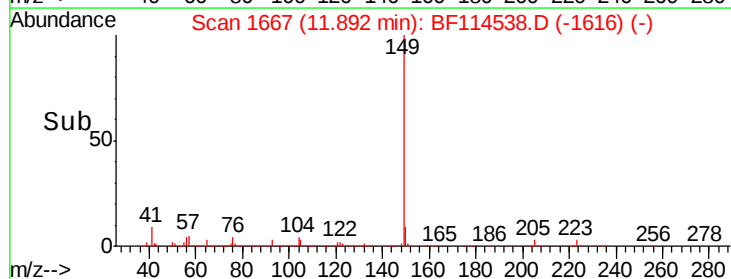
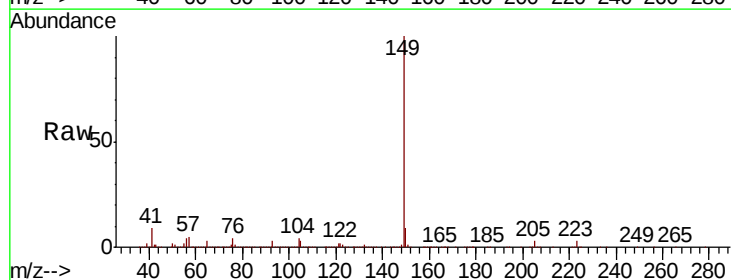
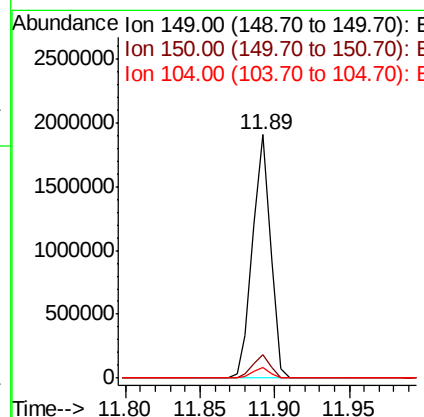
Manual Integrations
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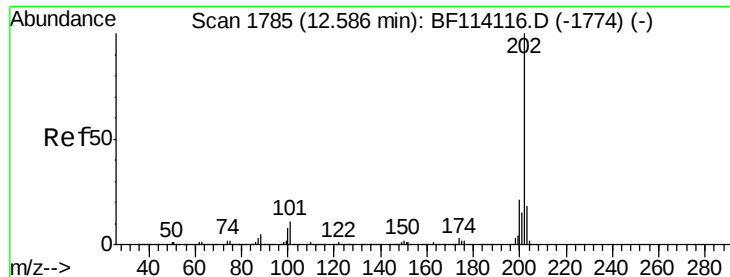
mohammad
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#74
 Di-n-butylphthalate
 Concen: 42.282 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BF114538.D
 Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.5	3.6	5.4





#75

Fluoranthene

Concen: 42.012 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

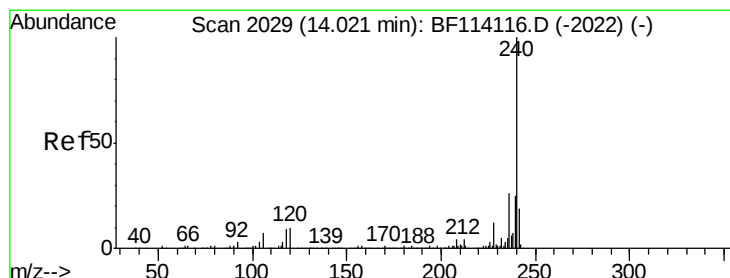
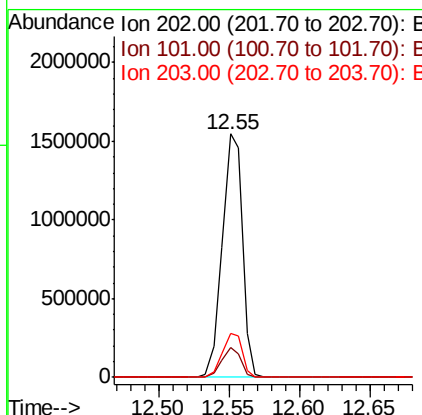
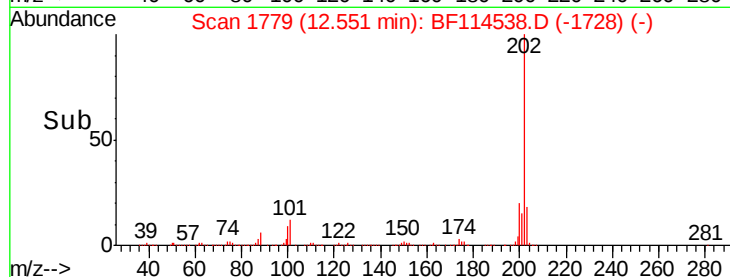
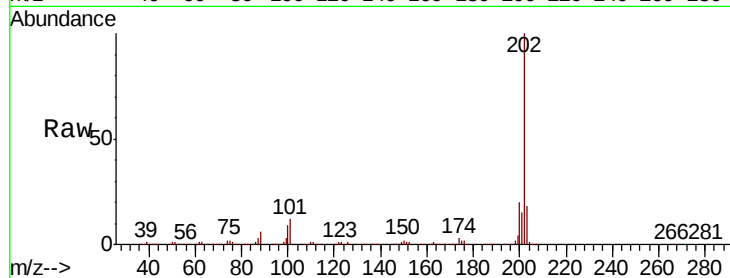
ClientSampleId :

COMP-5.8.19MS

Tot Ion:	202	Resp:	1539337
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.0
203	17.8	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

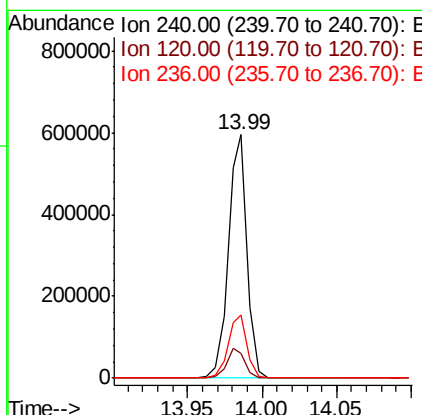
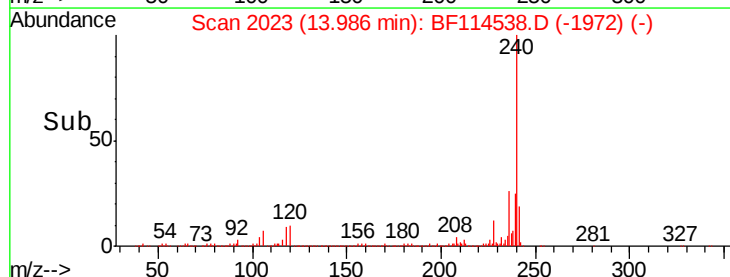
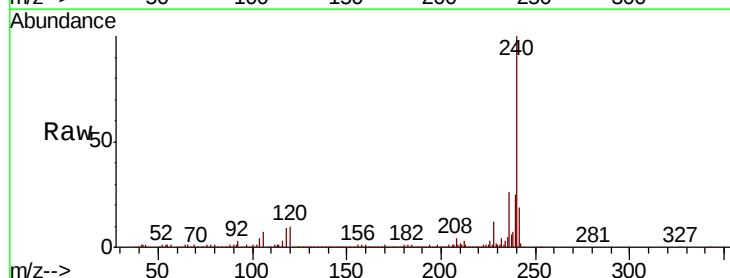
RT: 13.99 min Scan# 2023

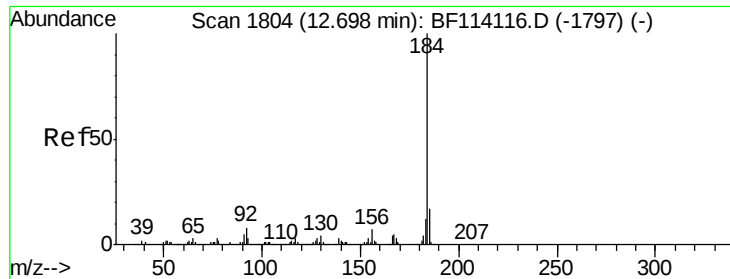
Delta R.T. -0.00 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Tgt Ion:	240	Resp:	525510
Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.3	12.5
236	26.1	20.8	31.2





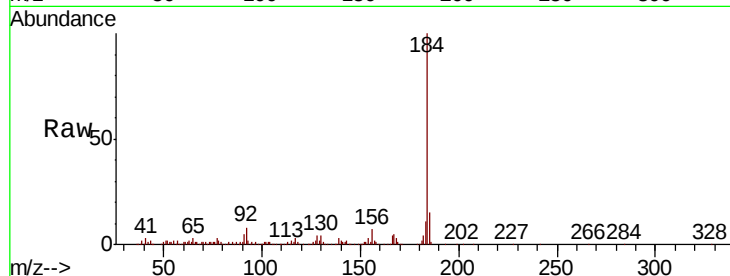
#77
Benzidine
Concen: 11.976 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	282495		
185	15.2		13.6	20.4
183	11.5		9.2	13.8

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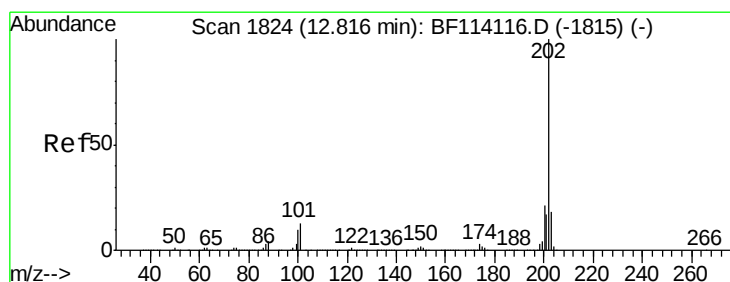
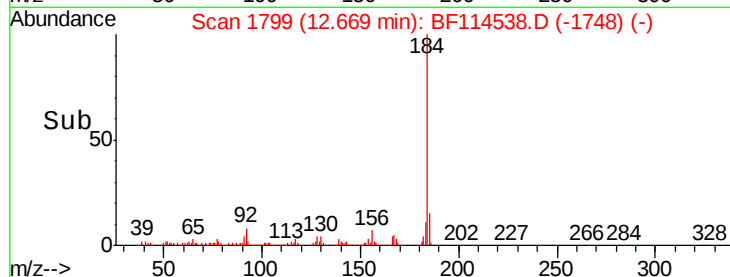
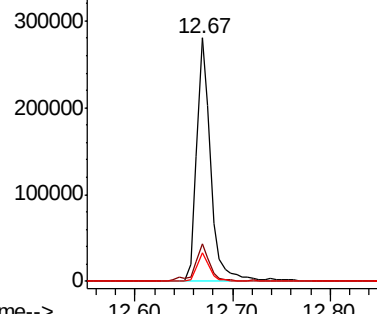


Abundance

Ion 184.00 (183.70 to 184.70): E

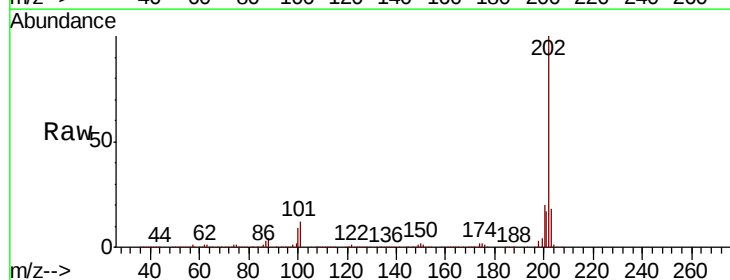
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78
Pyrene
Concen: 37.111 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1568857		
200	20.4		16.9	25.3
203	17.6		14.5	21.7

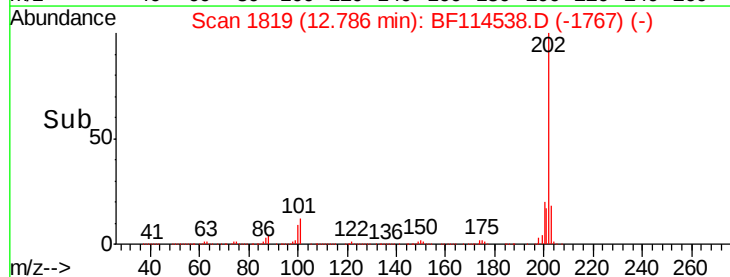
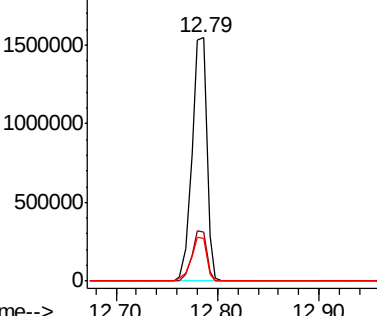


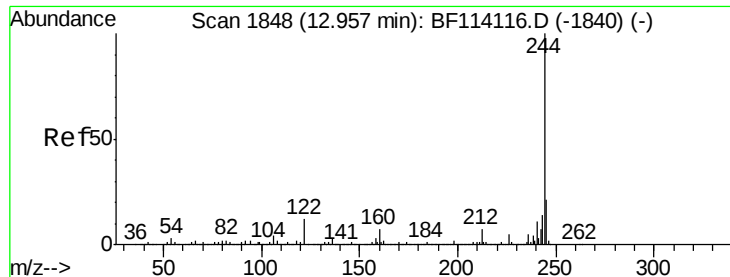
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 69.958 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MS

Tot Ion:244 Resp: 1783414

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

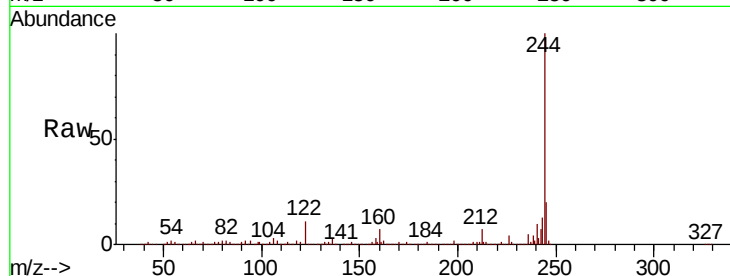
122 11.3 9.4 14.2

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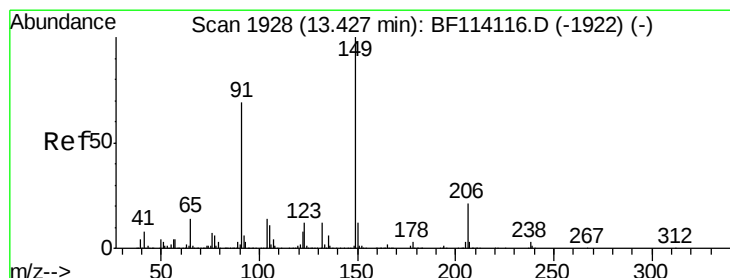
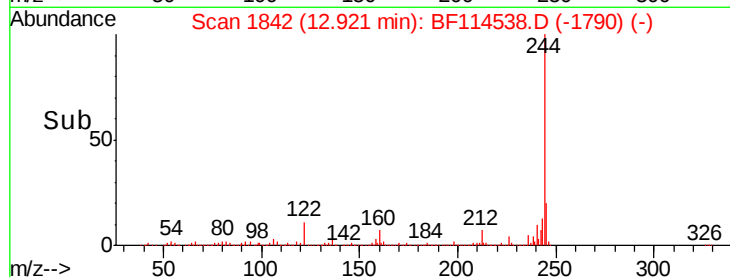
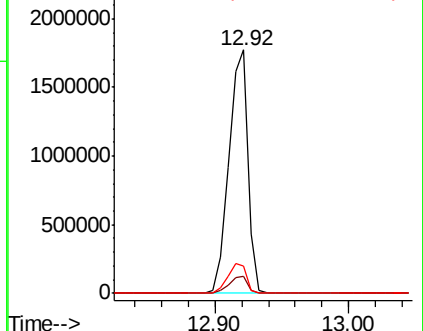
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.938 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

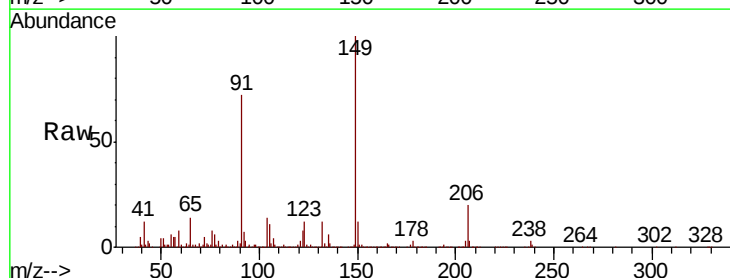
Tgt Ion:149 Resp: 728437

Ion Ratio Lower Upper

149 100

91 71.7 55.0 82.4

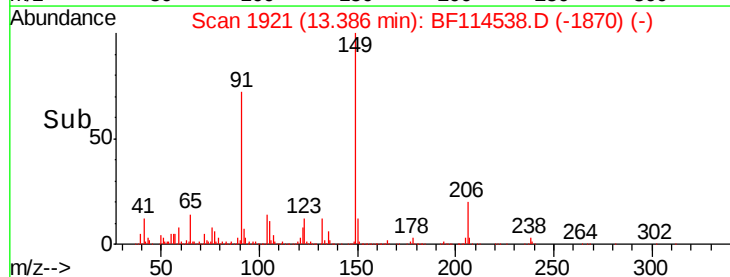
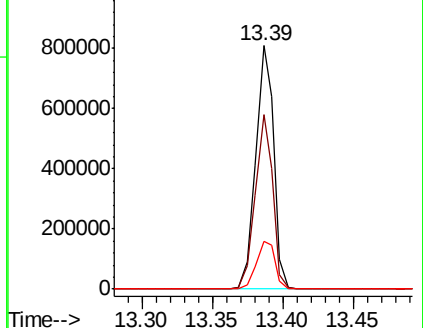
206 19.8 16.9 25.3

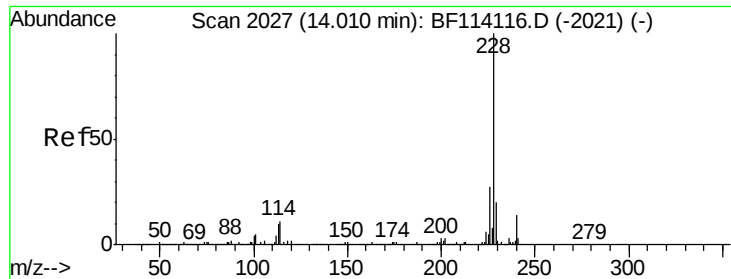


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.690 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

ClientSampleId :

COMP-5.8.19MS

Tot Ion:228 Resp: 1315077

Ion Ratio Lower Upper

228 100

226 27.3 22.2 33.2

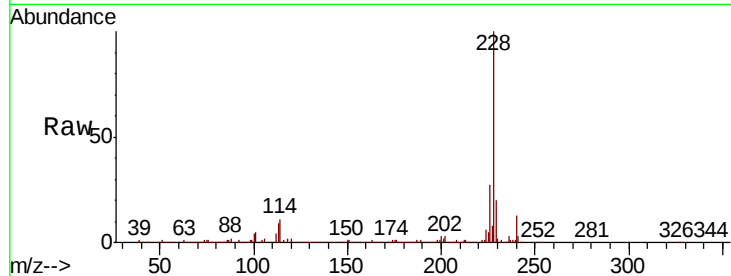
229 19.7 16.4 24.6

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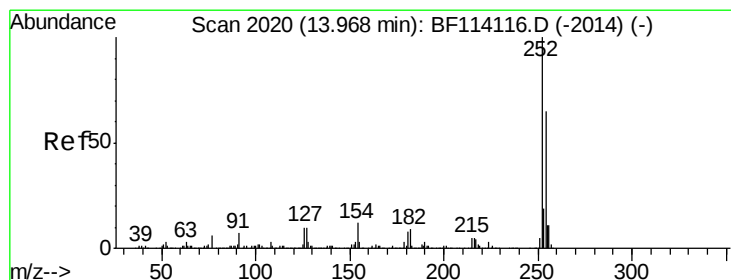
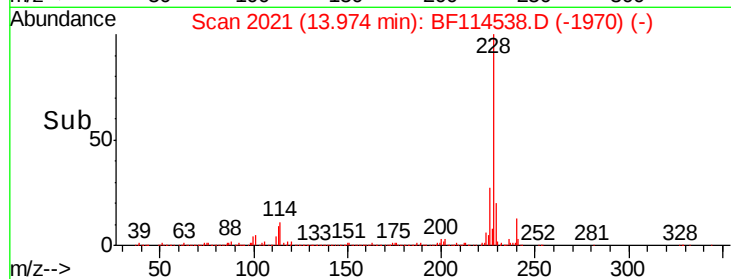
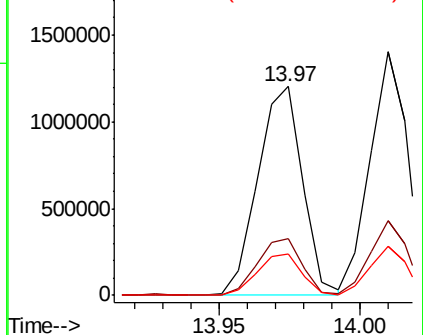
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.926 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

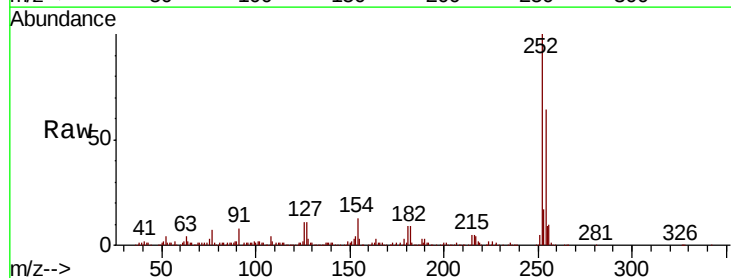
Tgt Ion:252 Resp: 368225

Ion Ratio Lower Upper

252 100

254 63.9 51.9 77.9

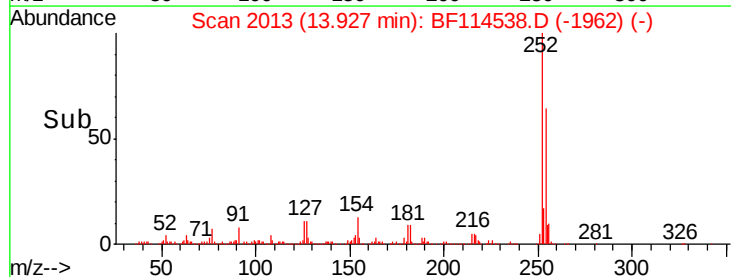
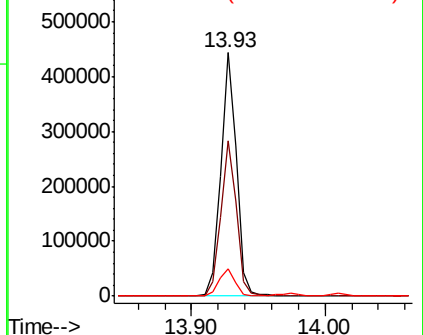
126 11.2 7.9 11.9

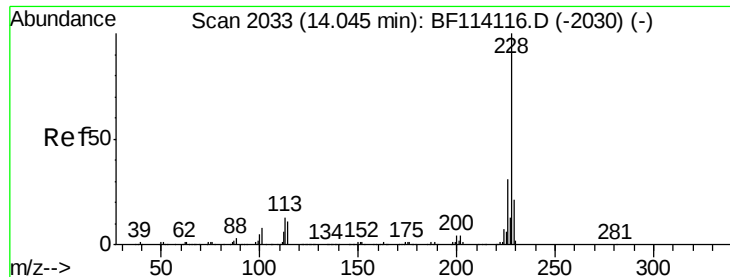


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





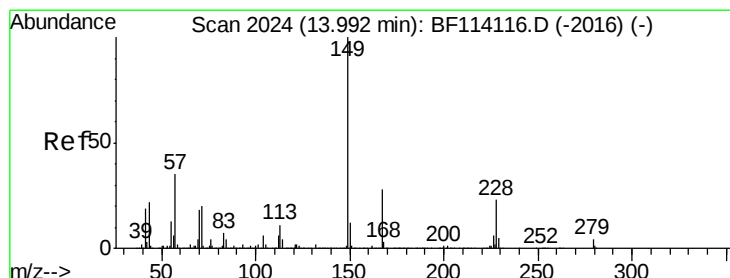
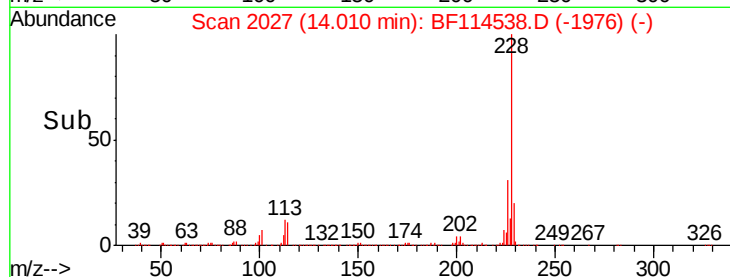
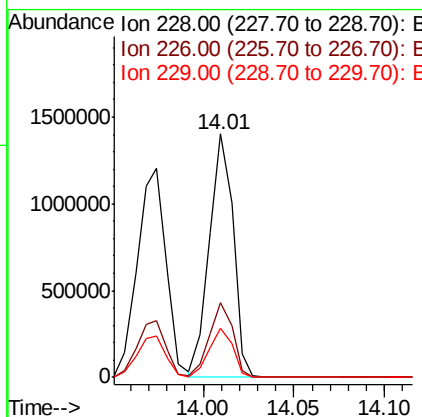
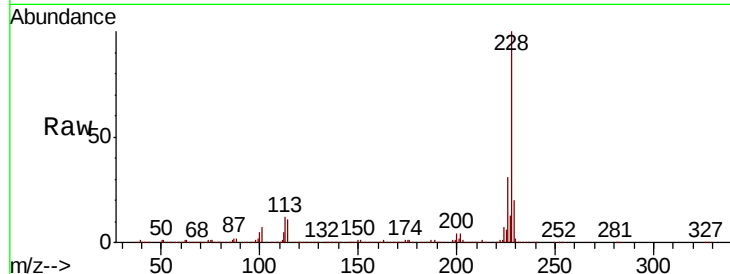
#83
Chrysene
Concen: 38.492 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.2	17.0	25.6

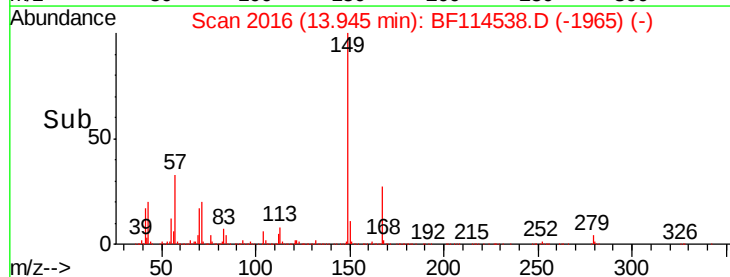
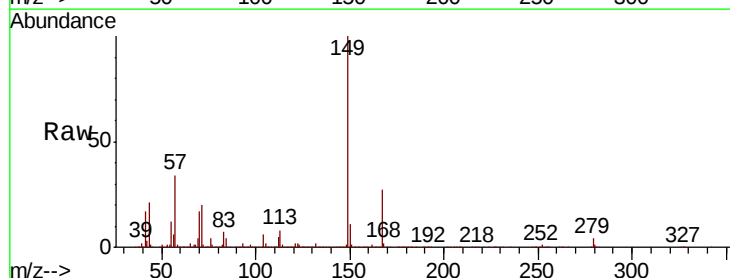
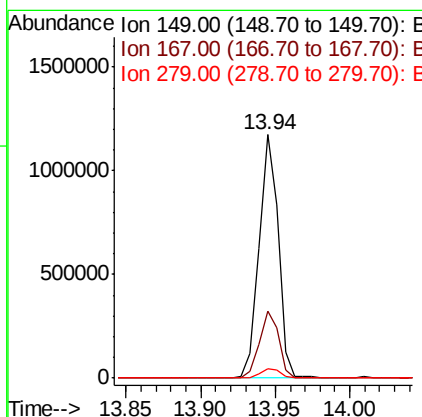
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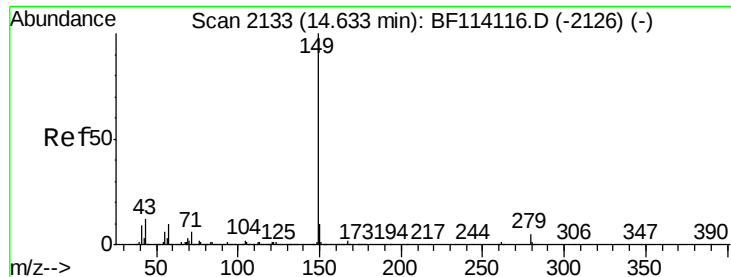
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.196 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.6	33.8
279	3.6	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 45.951 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BF114538.D

Acq: 23 May 2019 22:01

Instrument :

BNA_F

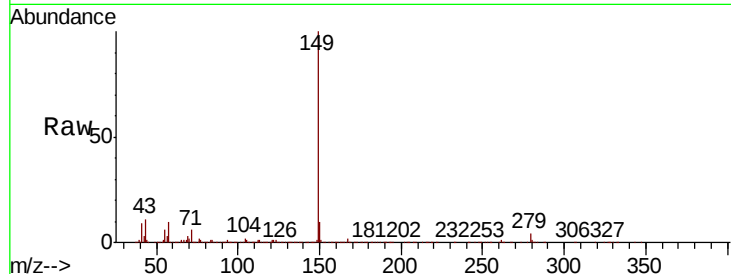
ClientSampleId :

COMP-5.8.19MS

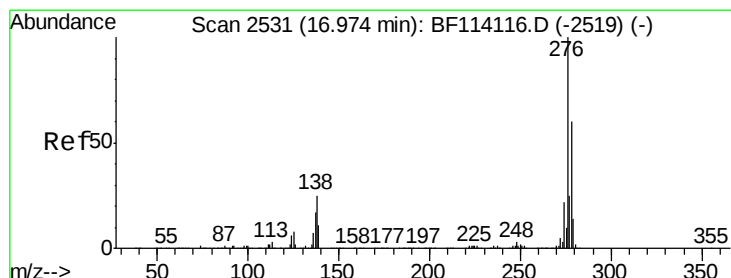
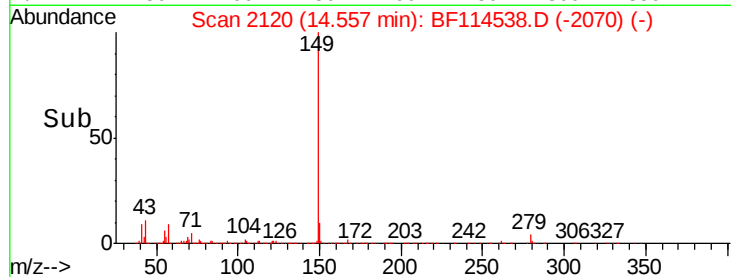
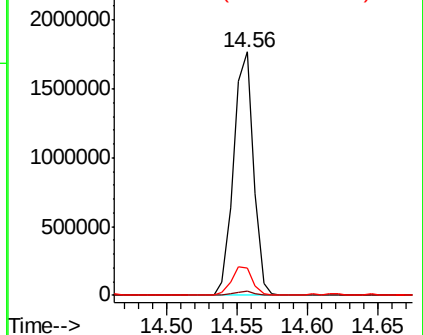
Tot Ion:	149	Resp:	1733527
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.8	10.1	15.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.836 ng

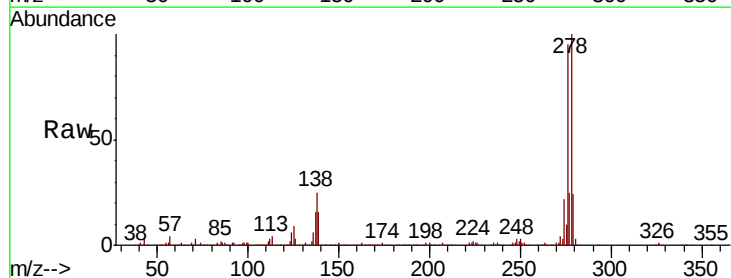
RT: 16.93 min Scan# 2523

Delta R.T. -0.00 min

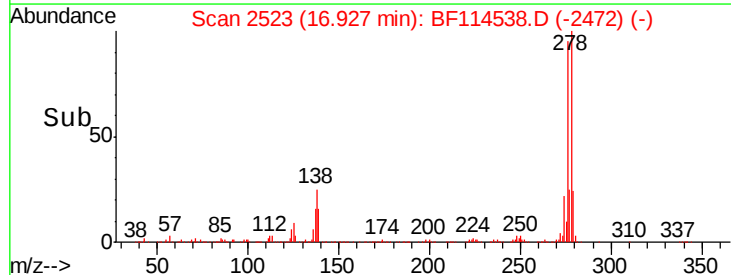
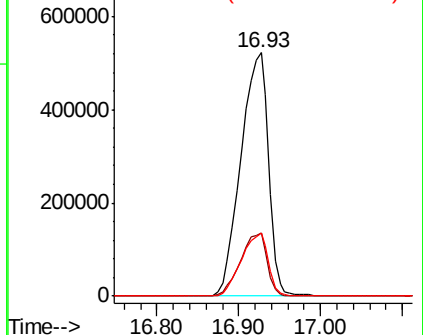
Lab File: BF114538.D

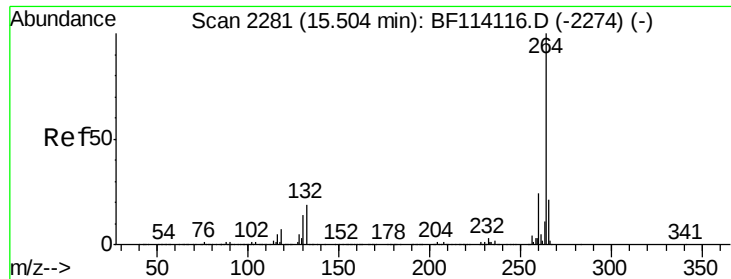
Acq: 23 May 2019 22:01

Tgt Ion:	276	Resp:	1231939
Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.2	30.2
277	25.3	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





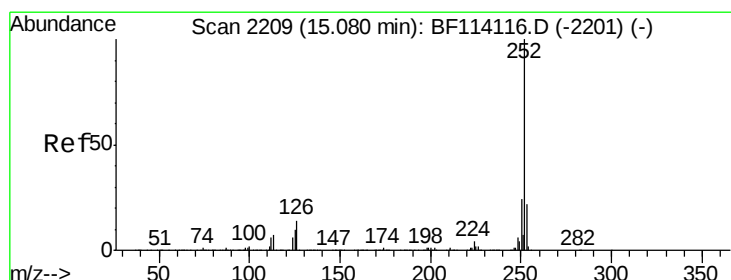
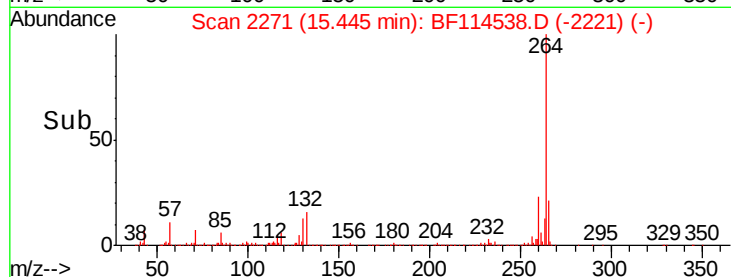
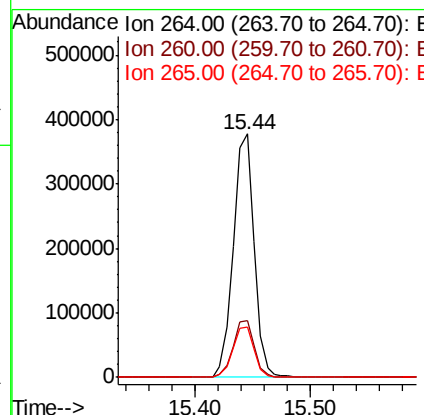
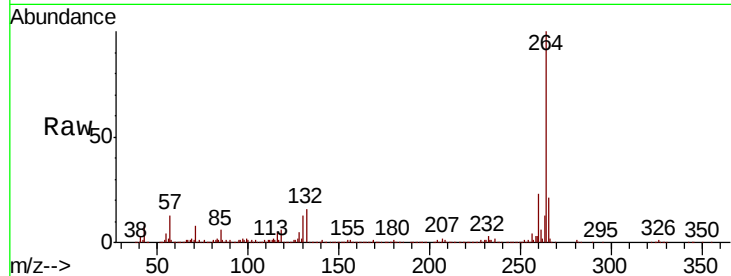
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.0
265	20.7	16.9	25.3

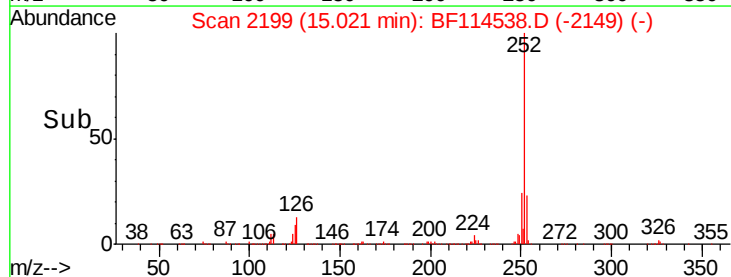
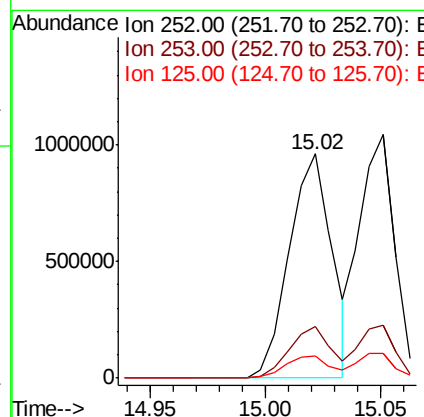
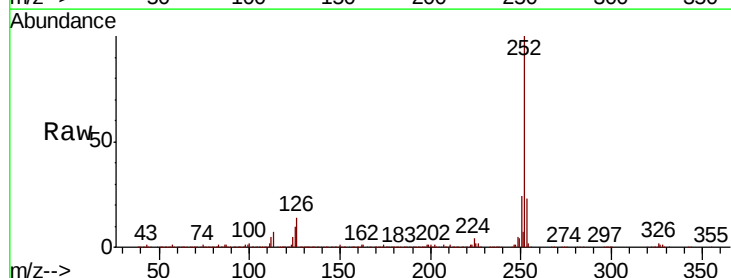
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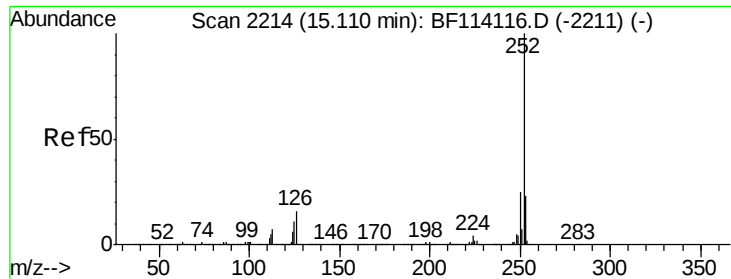
mohammad
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#88
Benzo(b)fluoranthene
Concen: 40.694 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	10.0	8.3	12.5





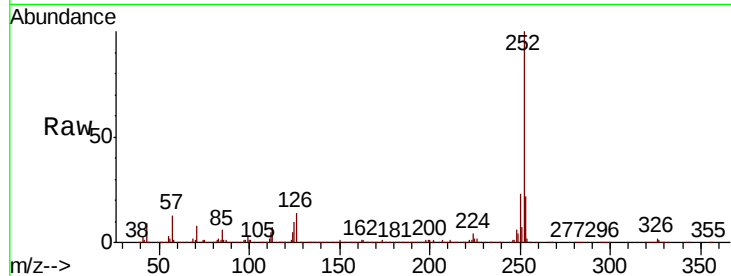
#89
Benzo(k)fluoranthene
Concen: 39.541 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

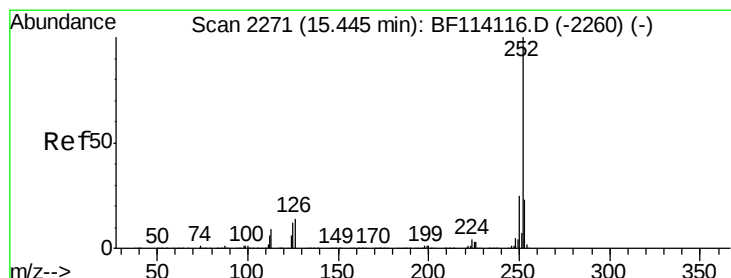
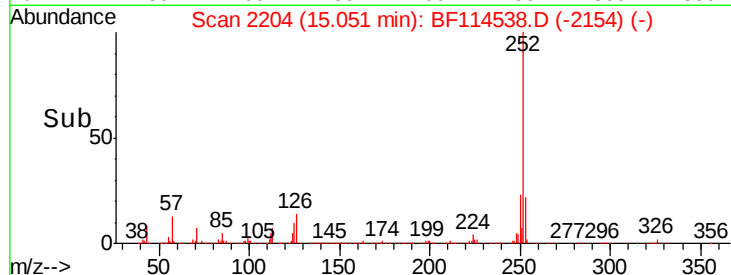
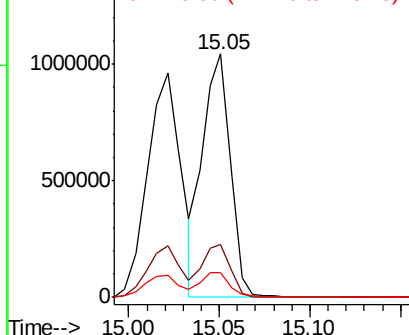
Tot Ion:252 Resp: 1099189
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 10.2 8.6 13.0

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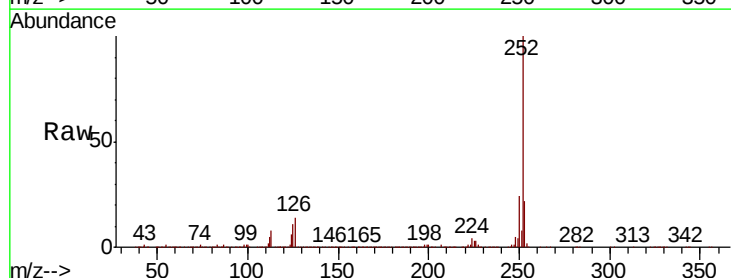


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

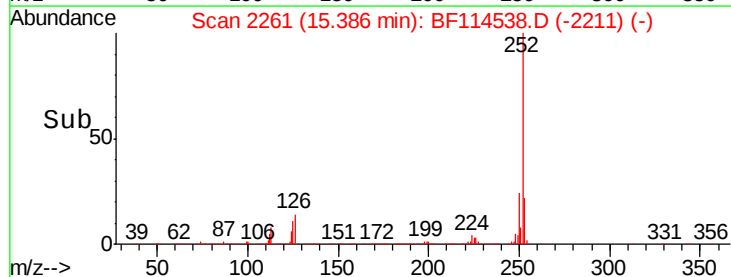
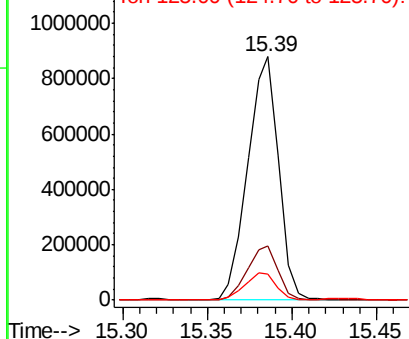


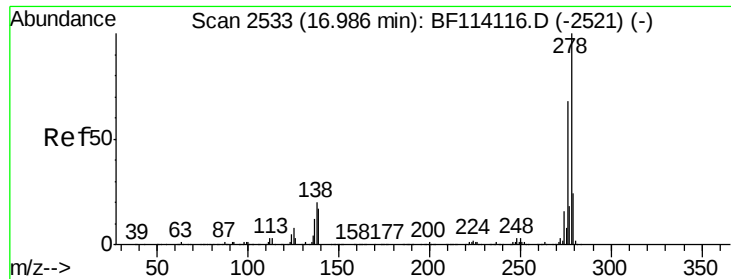
#90
Benzo(a)pyrene
Concen: 41.918 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion:252 Resp: 1116402
Ion Ratio Lower Upper
252 100
253 22.0 18.1 27.1
125 10.7 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





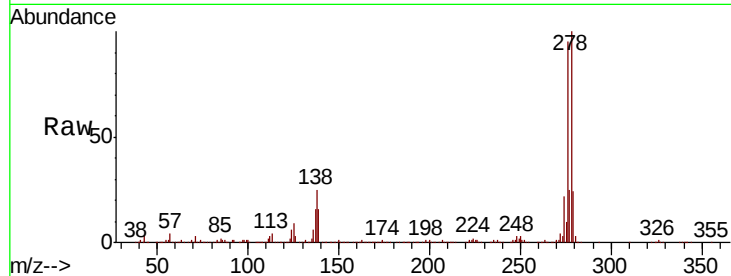
#91
Dibenzo(a,h)anthracene
Concen: 46.349 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Instrument :
BNA_F
ClientSampleId :
COMP-5.8.19MS

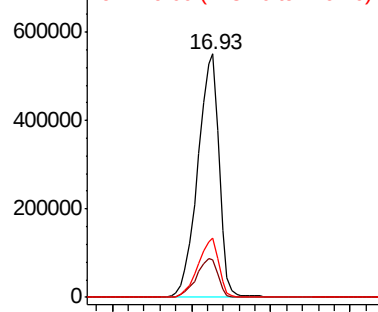
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.5	20.3
279	24.2	19.0	28.6

Manual Integrations
APPROVED

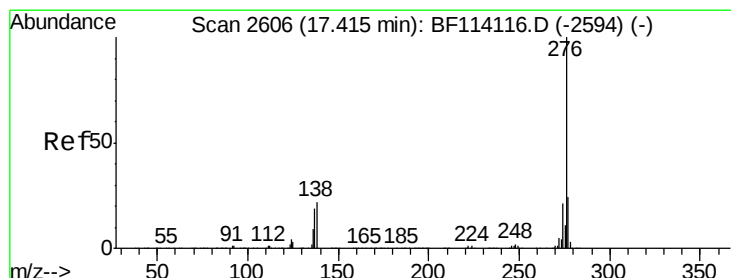
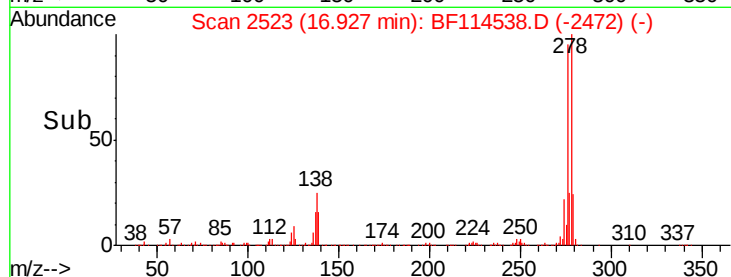
mohammad
5/24/2019 1:36:36 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

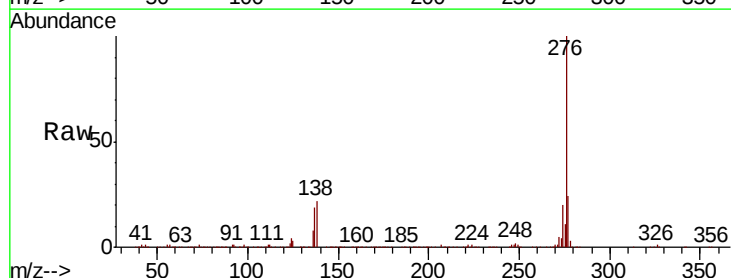


Time-->

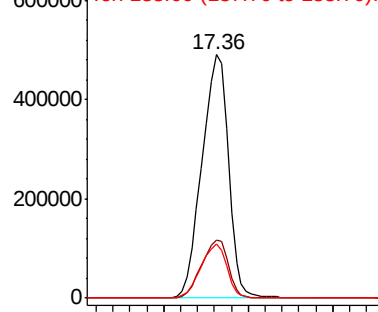


#92
Benzo(g,h,i)perylene
Concen: 47.778 ng
RT: 17.36 min Scan# 2597
Delta R.T. -0.01 min
Lab File: BF114538.D
Acq: 23 May 2019 22:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	22.1	17.8	26.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E



Time-->

