

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114319.D
 Acq On : 16 May 2019 19:46
 Operator : JU/SJ
 Sample : K2866-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MSD

Manual Integrations
 APPROVED

mohammad
 5/17/2019 3:04:00 PM

Quant Time: May 17 09:09:13 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 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	227923	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	849055	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	315167	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	411905	20.00	ng	0.02
76) Chrysene-d12	14.03	240	367264	20.00	ng	0.00
87) Perylene-d12	15.50	264	521952	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1511051	106.69	ng	0.00
7) Phenol-d6	6.50	99	1954458	116.68	ng	0.01
23) Nitrobenzene-d5	7.42	82	1190833	78.71	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	312543	95.92	ng	0.02
45) 2-Fluorobiphenyl	9.21	172	1831706	87.91	ng	0.00
79) Terphenyl-d14	12.97	244	1151986	64.66	ng	0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.63	88	216483	27.808	ng	98
3) Pyridine	3.39	79	600115	27.979	ng	96
4) n-Nitrosodimethylamine	3.33	42	327364	31.650	ng	93
6) Aniline	6.52	93	642475	26.551	ng	# 12
8) 2-Chlorophenol	6.65	128	592798	39.206	ng	95
9) Benzaldehyde	6.40	77	441602	37.657	ng	99
10) Phenol	6.52	94	735276	37.313	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	587079	39.242	ng	98
12) 1,3-Dichlorobenzene	6.79	146	599996	35.351	ng	99
13) 1,4-Dichlorobenzene	6.87	146	609418	35.633	ng	97
14) 1,2-Dichlorobenzene	7.02	146	565490	36.191	ng	99
15) Benzyl Alcohol	7.00	79	497655	38.091	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1051868	36.262	ng	84
17) 2-Methylphenol	7.12	107	474798	38.227	ng	# 93
18) Hexachloroethane	7.36	117	230615	35.923	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	403454	37.998	ng	97
20) 3+4-Methylphenols	7.27	107	602663	41.997	ng	# 62
22) Acetophenone	7.26	105	797668	42.408	ng	# 90
24) Nitrobenzene	7.43	77	621507	40.333	ng	98
25) Isophorone	7.67	82	1130242	40.281	ng	98
26) 2-Nitrophenol	7.75	139	318325	42.580	ng	99
27) 2,4-Dimethylphenol	7.79	122	525312	44.739	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	719236	39.506	ng	99
29) 2,4-Dichlorophenol	8.00	162	485388	41.515	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	492674	37.056	ng	99
31) Naphthalene	8.16	128	1645106	41.479	ng	98
32) Benzoic acid	7.90	122	150356	22.353	ng	96
33) 4-Chloroaniline	8.20	127	327379	18.114	ng	99
34) Hexachlorobutadiene	8.27	225	270463	35.753	ng	99
35) Caprolactam	8.57	113	163392m	42.858	ng	
36) 4-Chloro-3-methylphenol	8.70	107	487589	41.430	ng	97
37) 2-Methylnaphthalene	8.85	142	1020366	39.875	ng	99
38) 1-Methylnaphthalene	8.95	142	958746	39.786	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	443830	46.489	ng	99

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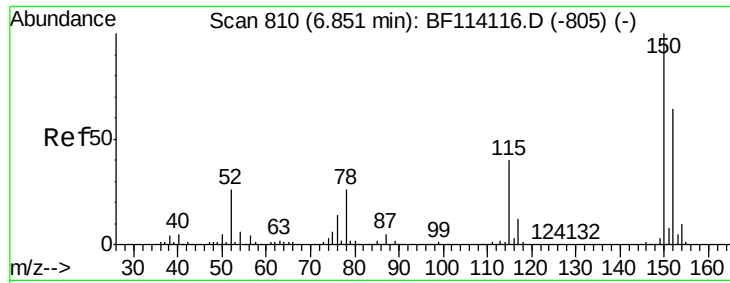
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 5/17/2019 3:04:00 PM

Quant Time: May 17 09:09:13 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 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	236817	54.690	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	294611	44.864	nq	100
44) 2,4,5-Trichlorophenol	9.18	196	308669	45.834	nq #	91
46) 1,1'-Biphenyl	9.31	154	1160824	45.592	nq	97
47) 2-Chloronaphthalene	9.34	162	860306	41.985	nq	98
48) 2-Nitroaniline	9.43	65	321692	44.267	nq	98
49) Acenaphthylene	9.76	152	1271303	40.792	nq	97
50) Dimethylphthalate	9.61	163	1171282	50.625	nq	99
51) 2,6-Dinitrotoluene	9.67	165	257992	50.275	nq	98
52) Acenaphthene	9.93	154	714174	37.343	nq	100
53) 3-Nitroaniline	9.85	138	258488	40.578	nq #	89
54) 2,4-Dinitrophenol	9.96	184	92363	39.522	nq	94
55) Dibenzofuran	10.10	168	1057601	37.713	nq	99
56) 4-Nitrophenol	10.03	139	272307	60.447	nq #	79
57) 2,4-Dinitrotoluene	10.09	165	254405	36.526	nq	96
58) Fluorene	10.45	166	751855	34.710	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	177162	30.488	nq #	90
60) Diethylphthalate	10.32	149	774328	32.939	nq	97
61) 4-Chlorophenyl-phenylether	10.43	204	370501	34.826	nq	96
62) 4-Nitroaniline	10.46	138	175121	26.162	nq	86
63) Azobenzene	10.60	77	756564	33.249	nq	96
65) 4,6-Dinitro-2-methylphenol	10.50	198	82294	41.578	nq #	42
66) n-Nitrosodiphenylamine	10.55	169	732499	58.593	nq	97
67) 4-Bromophenyl-phenylether	10.93	248	224203	49.436	nq	95
68) Hexachlorobenzene	11.01	284	206971	41.252	nq	95
69) Atrazine	11.09	200	176780	45.440	nq	87
70) Pentachlorophenol	11.20	266	154275	64.866	nq	99
71) Phenanthrene	11.42	178	907163	45.268	nq	98
72) Anthracene	11.47	178	889978	44.216	nq	98
73) Carbazole	11.62	167	818236	42.630	nq	96
74) Di-n-butylphthalate	11.94	149	940740	42.542	nq	96
75) Fluoranthene	12.60	202	946336	43.852	nq	97
77) Benzidine	12.72	184	512839	31.108	nq #	97
78) Pyrene	12.83	202	986433	33.388	nq	98
80) Butylbenzylphthalate	13.43	149	434857	34.969	nq	98
81) Benzo(a)anthracene	14.02	228	976254	41.098	nq	100
82) 3,3'-Dichlorobenzidine	13.97	252	120719	13.100	nq #	98
83) Chrysene	14.05	228	974170	41.835	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	629700	38.717	nq	100
85) Di-n-octyl phthalate	14.60	149	1179800	44.748	nq	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	1491377	72.468	nq	99
88) Benzo(b)fluoranthene	15.07	252	1281178	38.314	nq	99
89) Benzo(k)fluoranthene	15.10	252	1032458	33.612	nq	98
90) Benzo(a)pyrene	15.44	252	1190606	40.457	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	1200434	49.089	nq	99
92) Benzo(g,h,i)perylene	17.44	276	1301862	53.122	nq	98

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



#1

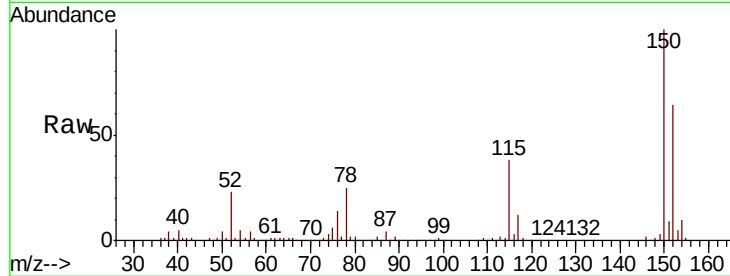
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.3	186.5
115	58.9	49.1	73.7

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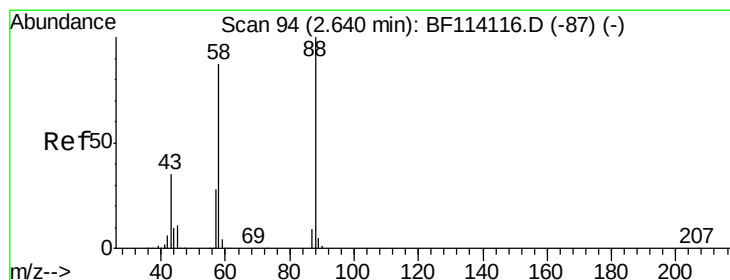
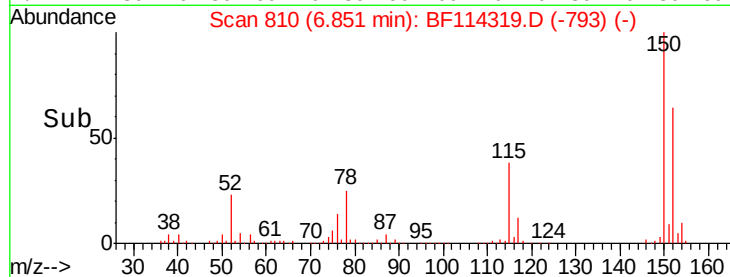
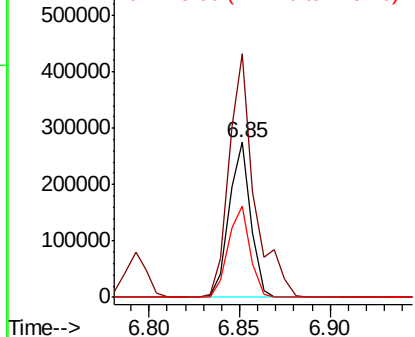


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

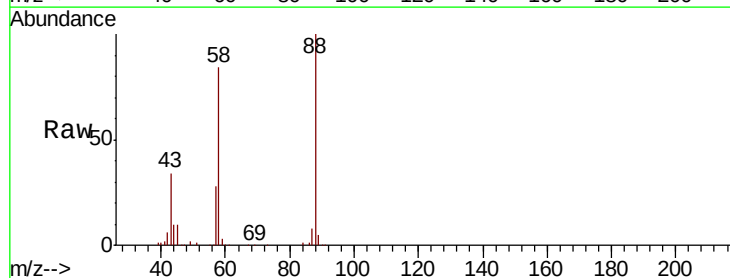
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.808 ng
RT: 2.63 min Scan# 92
Delta R.T. -0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.6	68.7	103.1
43	33.5	28.2	42.2

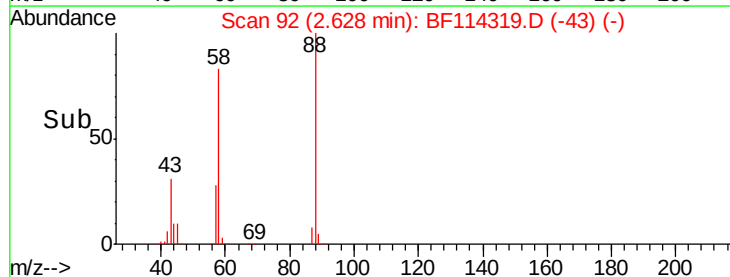
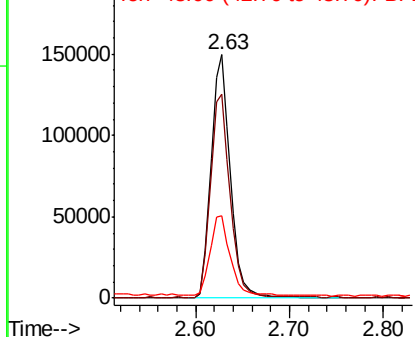


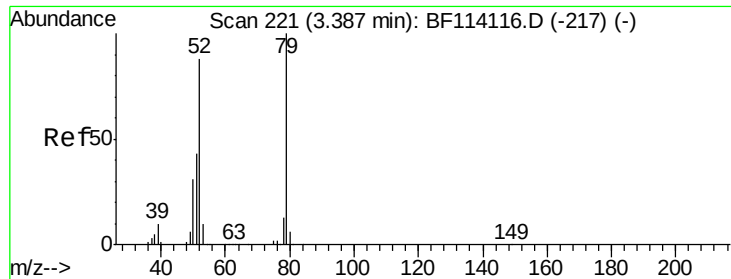
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 27.979 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

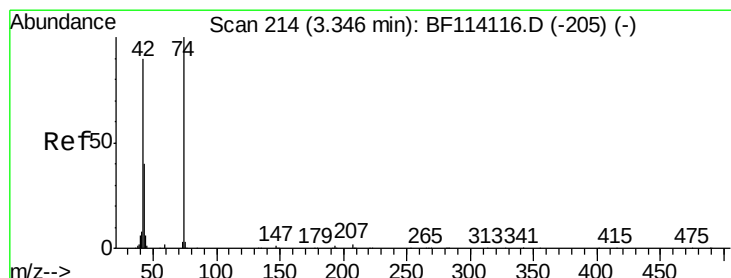
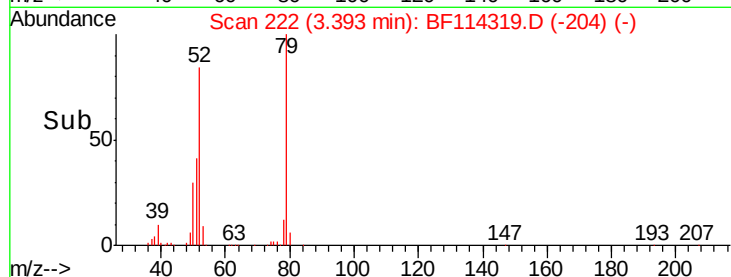
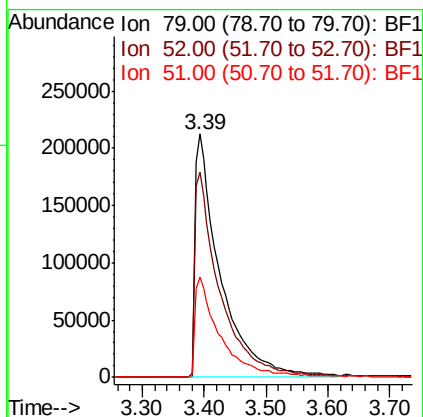
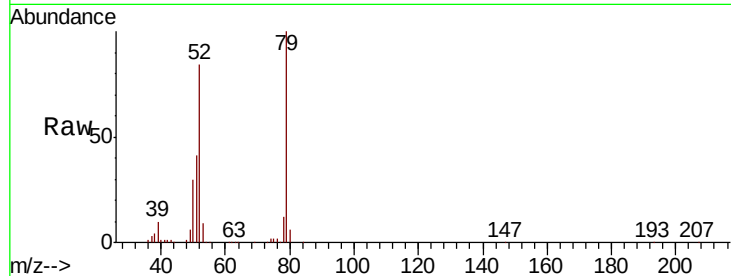
ClientSampleId :

RO-COMP-1MSD

Tot Ion:	79	Resp:	600115
Ion Ratio	Lower	Upper	
79	100		
52	84.1	70.6	105.8
51	41.4	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 31.650 ng

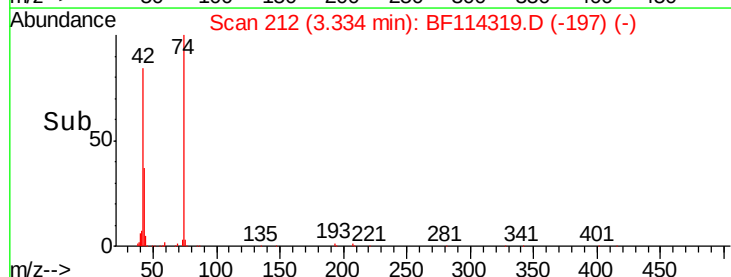
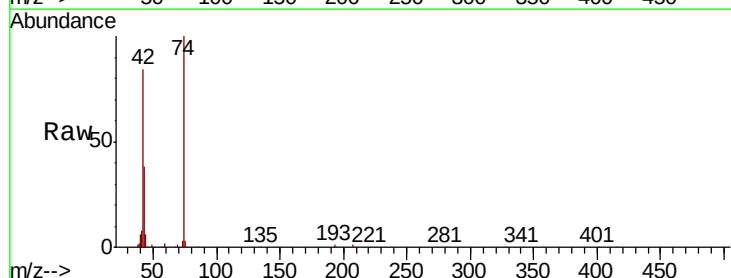
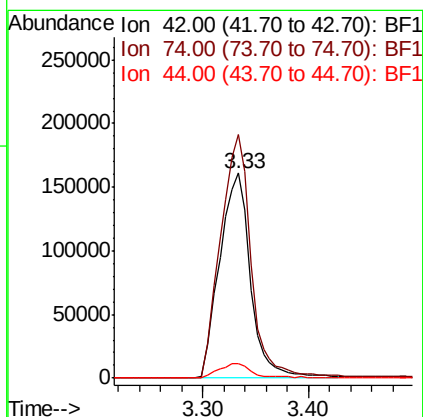
RT: 3.33 min Scan# 212

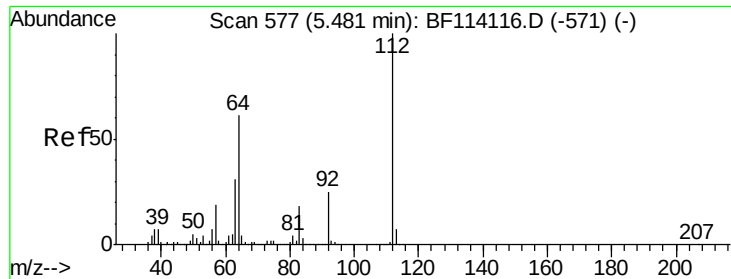
Delta R.T. -0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Tgt Ion:	42	Resp:	327364
Ion Ratio	Lower	Upper	
42	100		
74	118.9	88.6	132.8
44	6.8	5.5	8.3





#5

2-Fluorophenol

Concen: 106.688 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

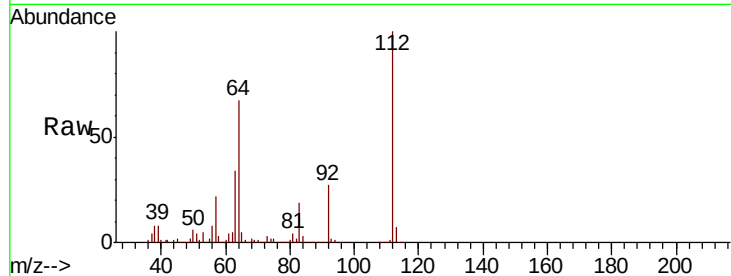
ClientSampleId :

RO-COMP-1MSD

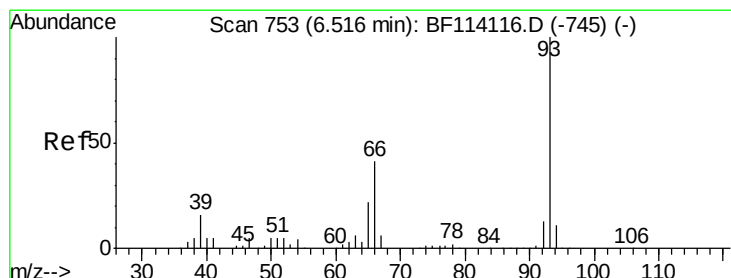
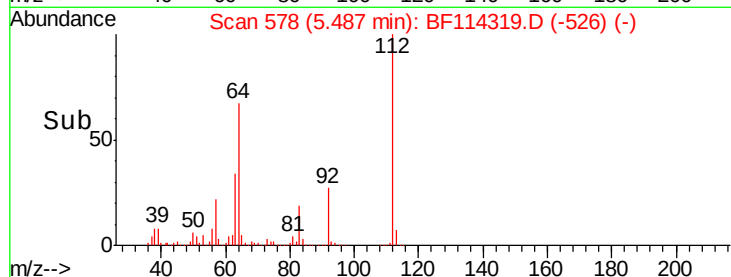
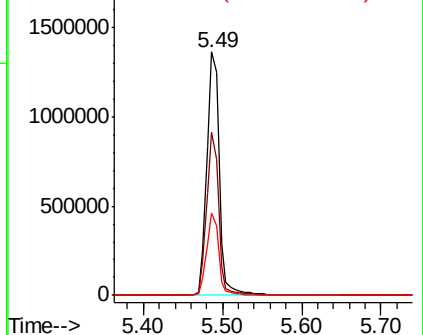
Tot Ion:	112	Resp:	1511051
Ion	Ratio	Lower	Upper
112	100		
64	67.1	49.0	73.6
63	33.9	24.6	37.0

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 26.551 ng

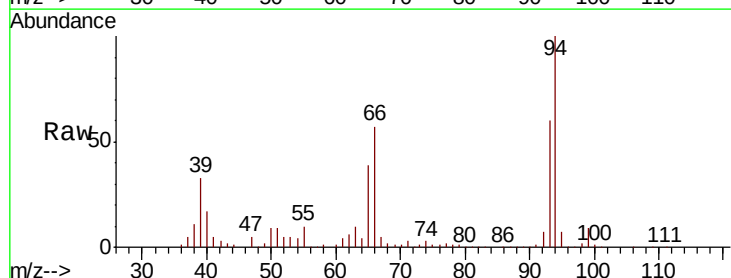
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

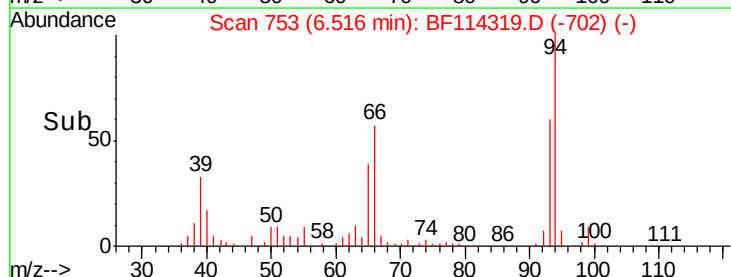
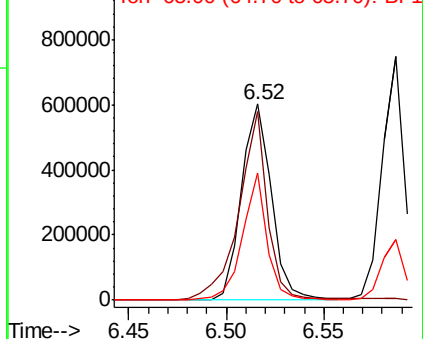
Lab File: BF114319.D

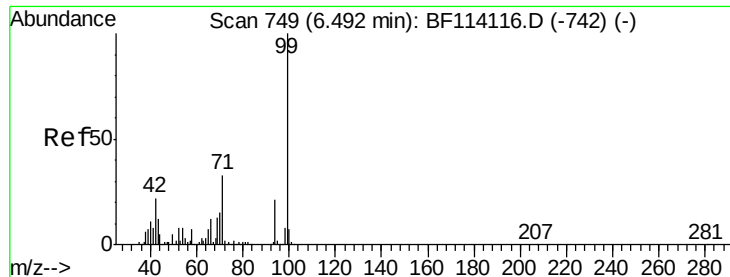
Acq: 16 May 2019 19:46

Tgt Ion:	93	Resp:	642475
Ion	Ratio	Lower	Upper
93	100		
66	96.0	33.2	49.8#
65	64.7	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: 116.675 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

Tot Ion: 99 Resp: 1954458

Ion Ratio Lower Upper

99 100

42 22.6 17.9 26.9

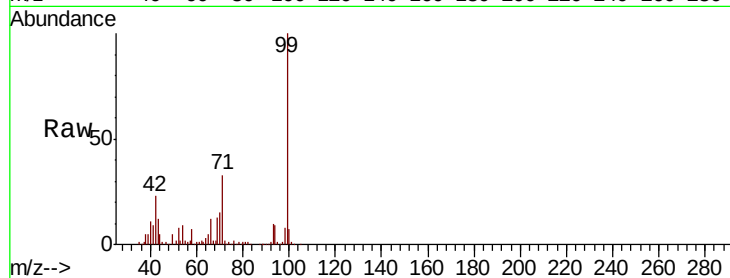
71 32.9 26.2 39.2

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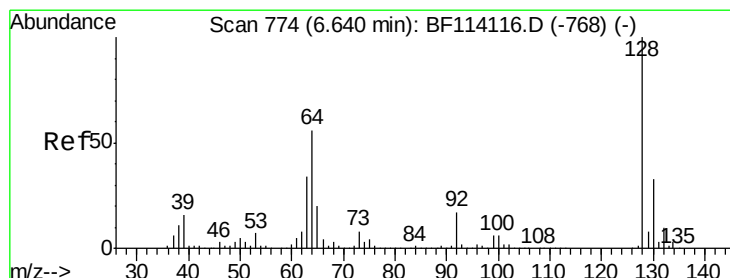
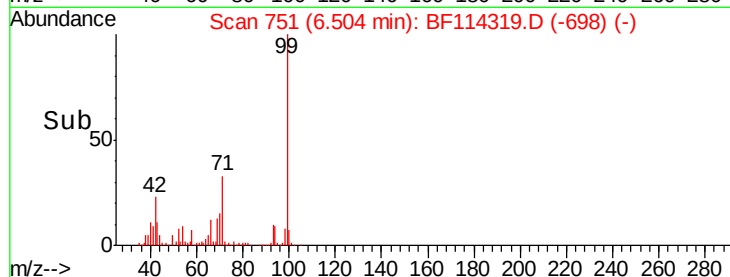
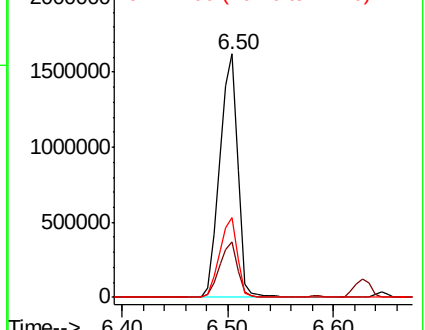
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.206 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

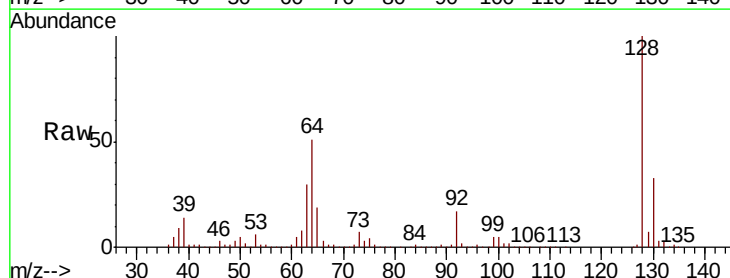
Tgt Ion: 128 Resp: 592798

Ion Ratio Lower Upper

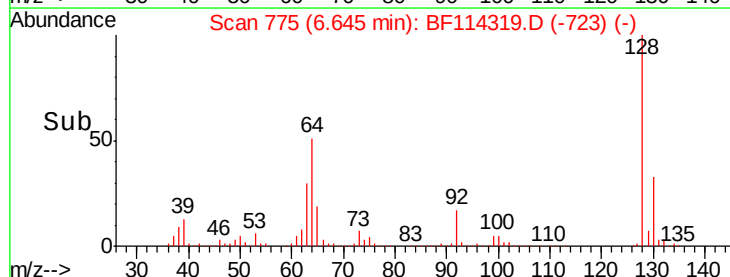
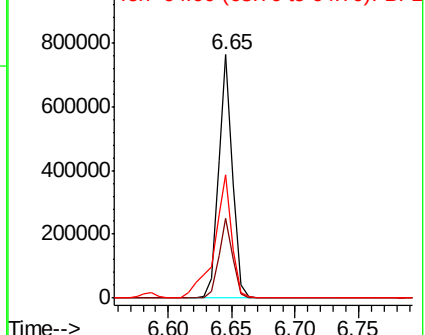
128 100

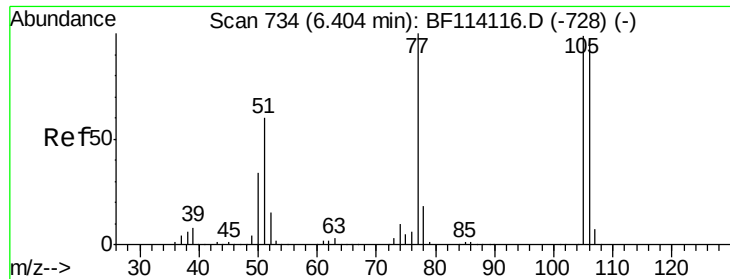
130 32.5 12.6 52.6

64 50.6 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: 37.657 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

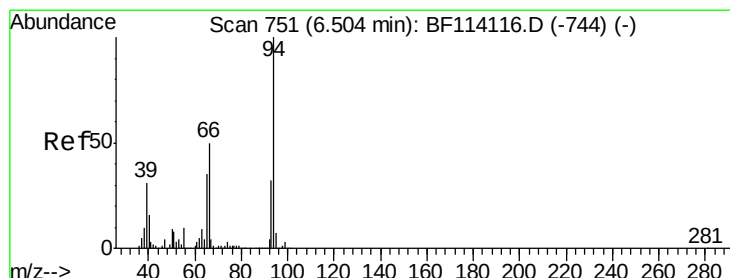
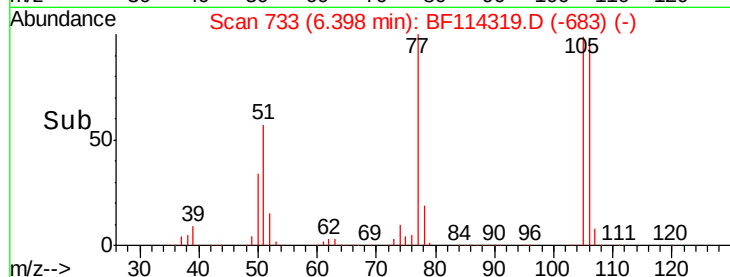
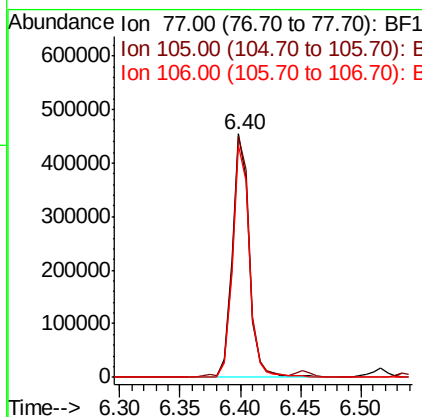
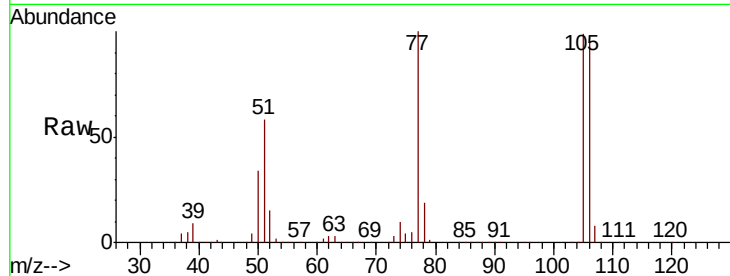
ClientSampleId :

RO-COMP-1MSD

Tot Ion:	77	Resp:	441602
Ion	Ratio	Lower	Upper
77	100		
105	99.2	79.3	119.3
106	95.3	77.0	117.0

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#10

Phenol

Concen: 37.313 ng

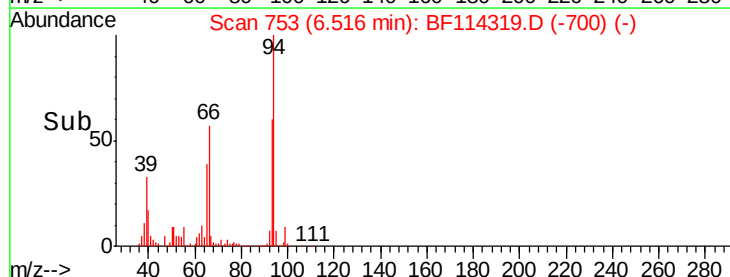
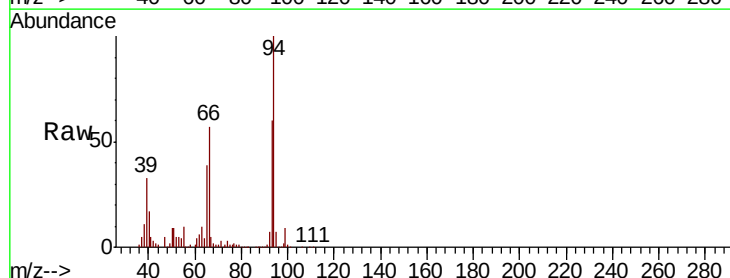
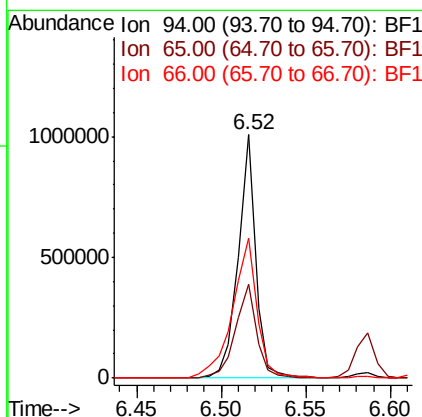
RT: 6.52 min Scan# 753

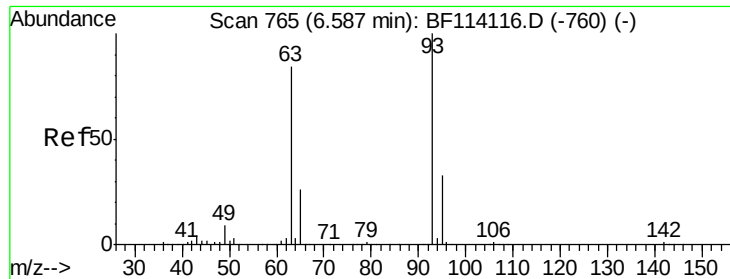
Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Tgt Ion:	94	Resp:	735276
Ion	Ratio	Lower	Upper
94	100		
65	38.6	14.7	54.7
66	57.2	29.6	69.6





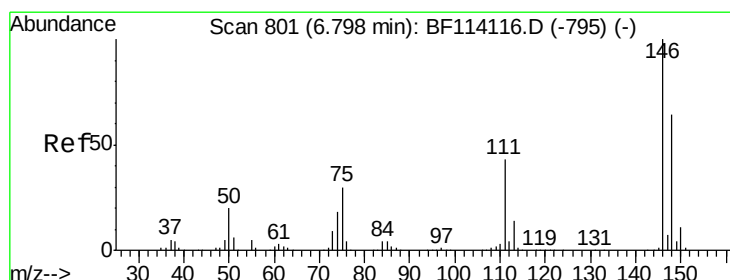
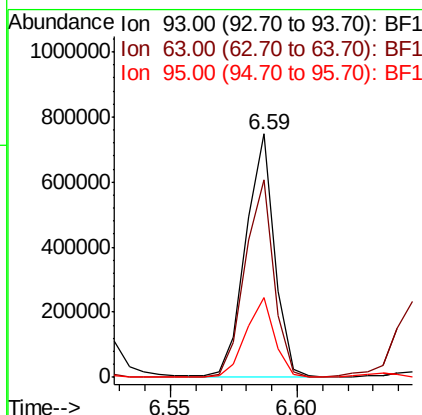
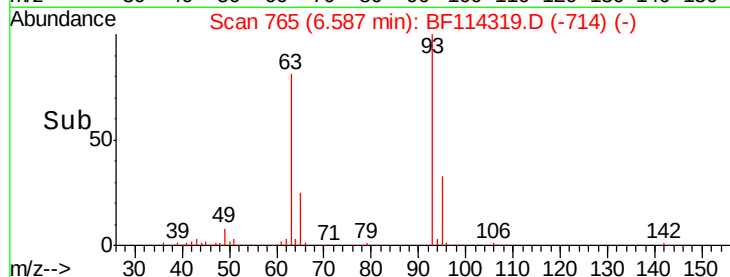
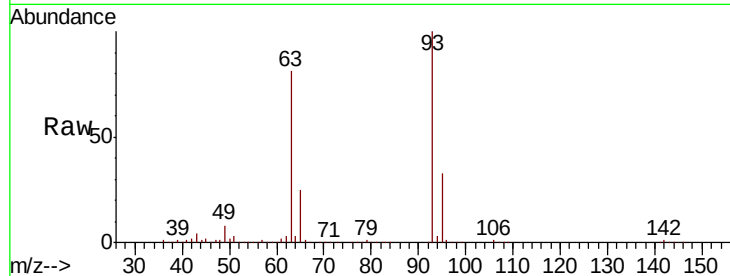
#11
 bis(2-Chloroethyl)ether
 Concen: 39.242 ng
 RT: 6.59 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF114319.D
 Acq: 16 May 2019 19:46

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MSD

Tot Ion:	93	Resp:	587079
Ion Ratio	Lower	Upper	
93	100		
63	81.1	63.6	103.6
95	32.9	13.1	53.1

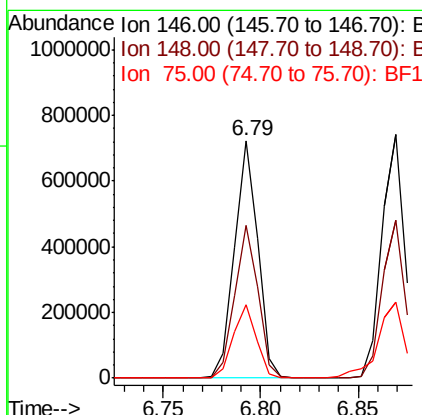
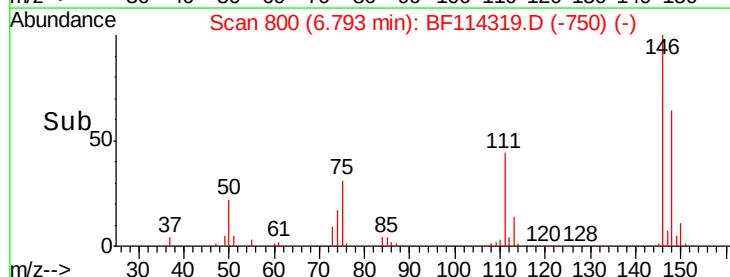
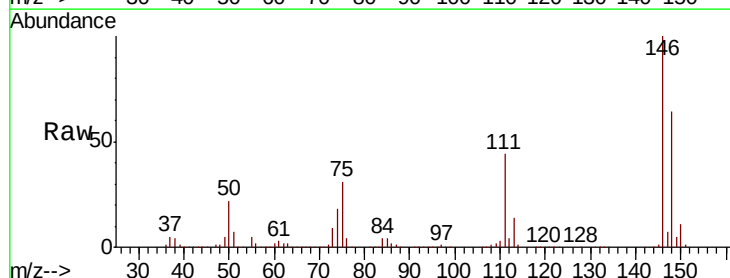
Manual Integrations
 APPROVED

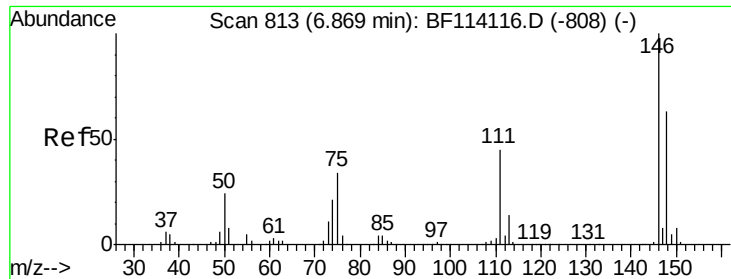
mohammad
 5/17/2019 3:04:00 PM



#12
 1,3-Dichlorobenzene
 Concen: 35.351 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF114319.D
 Acq: 16 May 2019 19:46

Tgt Ion:	146	Resp:	599996
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.6	77.4
75	31.1	24.2	36.2





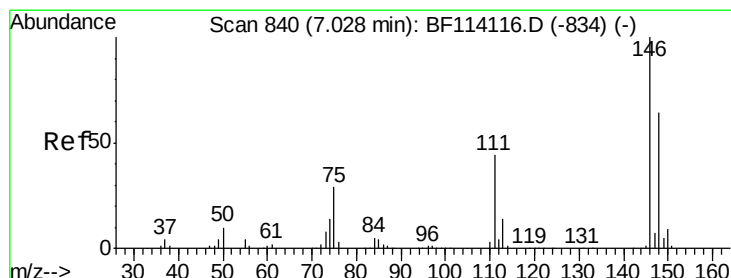
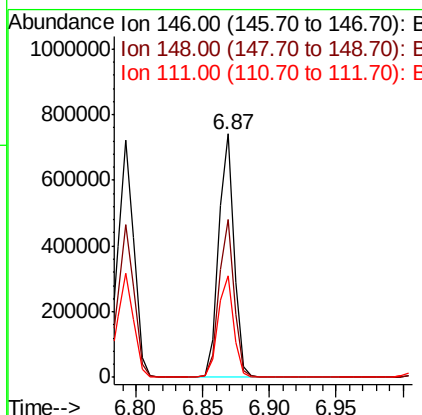
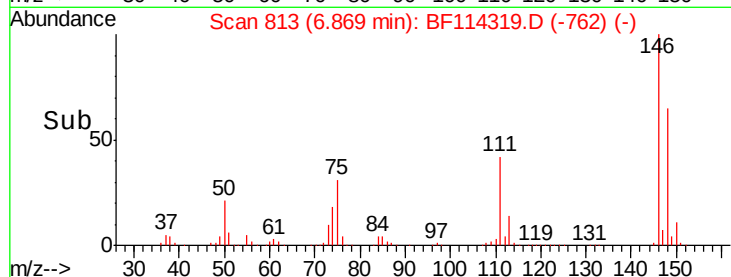
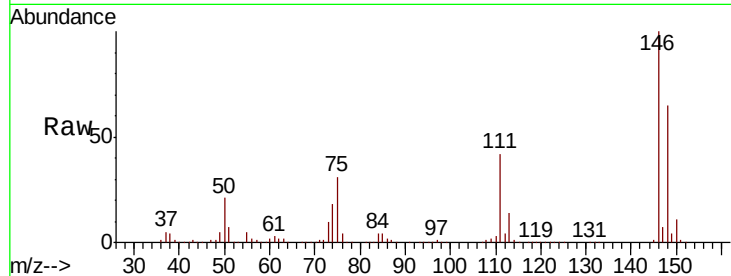
#13
 1,4-Dichlorobenzene
 Concen: 35.633 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF114319.D
 Acq: 16 May 2019 19:46

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.2	75.2
111	41.9	35.8	53.6

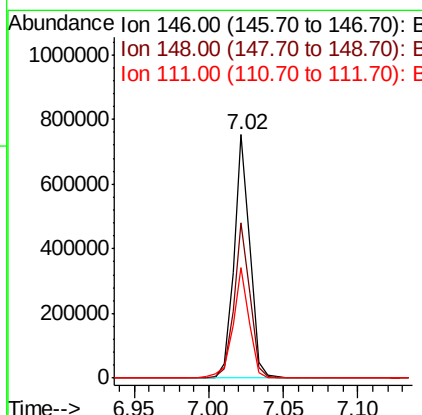
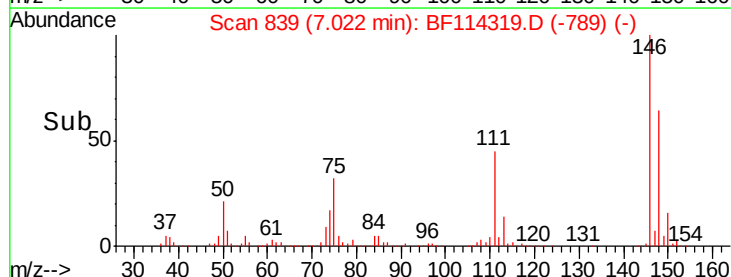
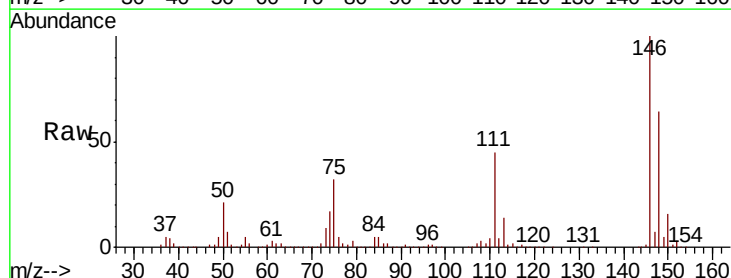
Manual Integrations
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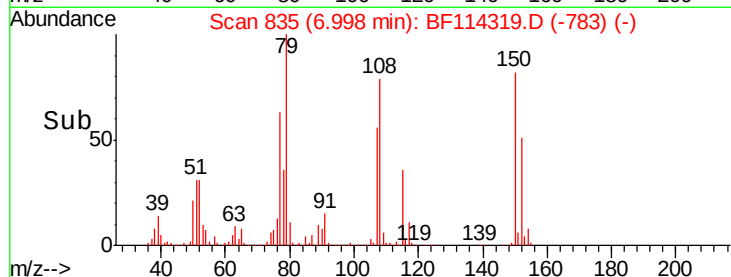
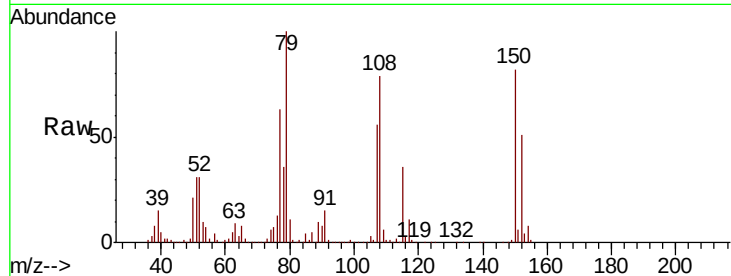
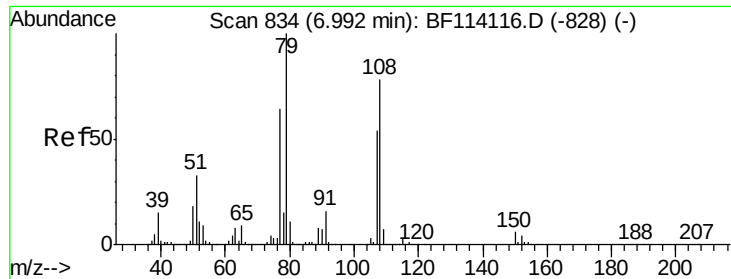
mohammad
 5/17/2019 3:04:00 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.191 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF114319.D
 Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.1	76.7
111	45.4	35.3	52.9





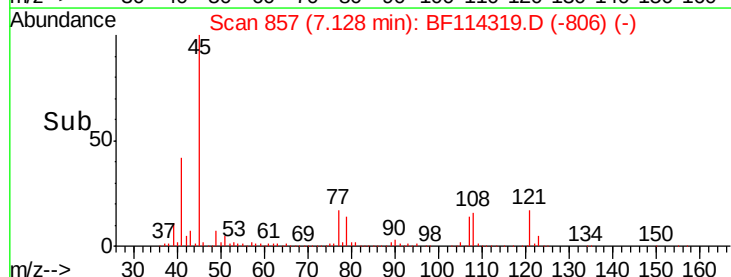
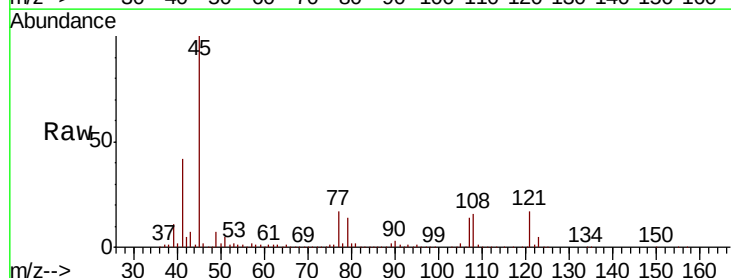
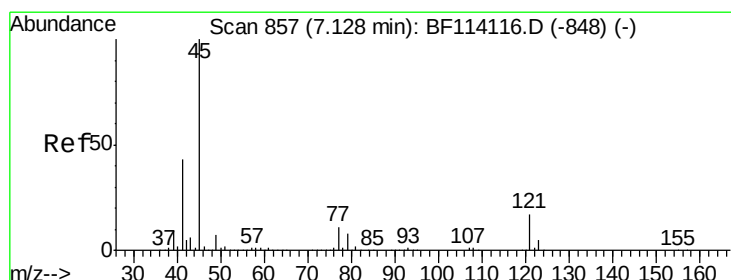
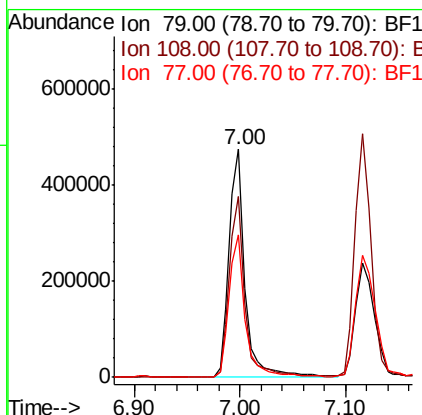
#15
Benzyl Alcohol
Concen: 38.091 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.2	62.1	93.1
77	62.8	51.0	76.6

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

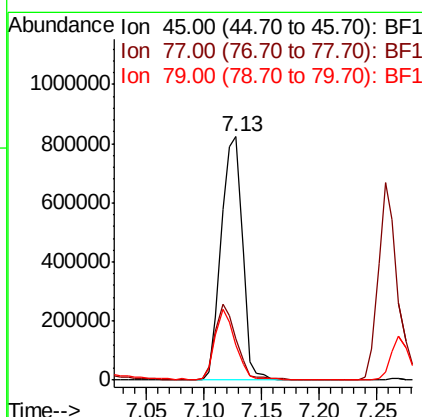
Manual Integrations
APPROVED

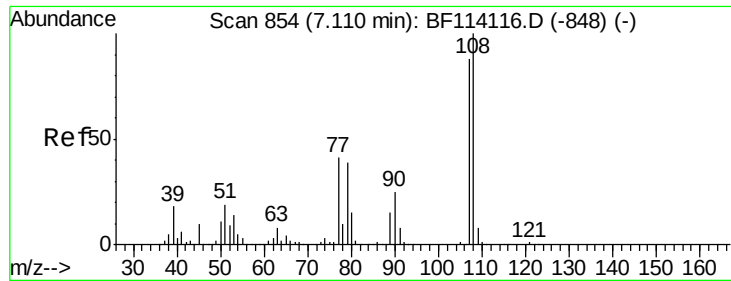
mohammad
5/17/2019 3:04:00 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.262 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	31.1
79	14.3	0.0	28.4





#17

2-Methylphenol

Concen: 38.227 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

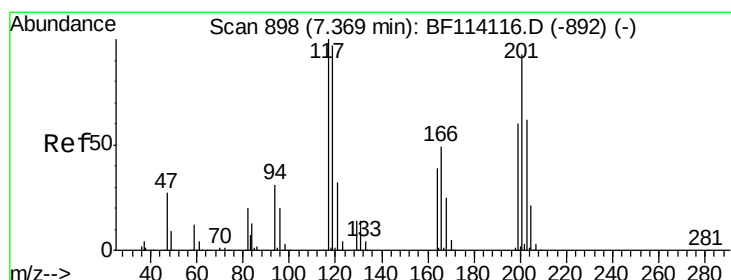
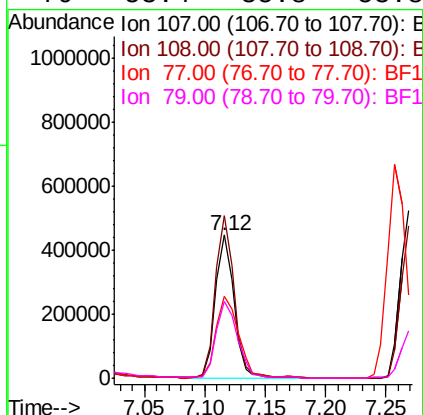
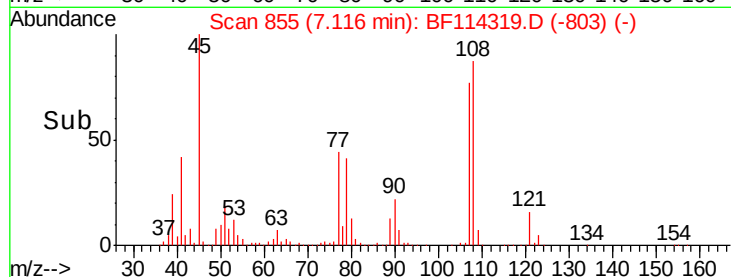
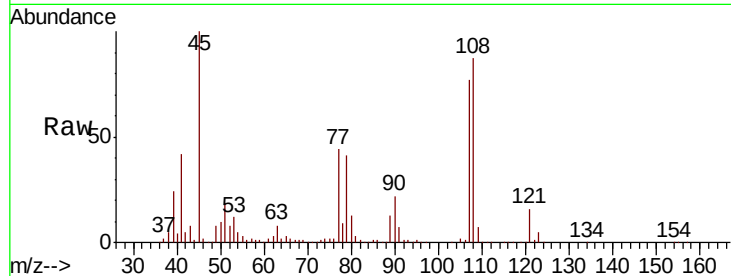
ClientSampled :

RO-COMP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	113.3	90.5	135.7		
77	57.1	37.0	55.4		
79	53.4	35.8	53.8		

Manual Integrations
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#18

Hexachloroethane

Concen: 35.923 ng

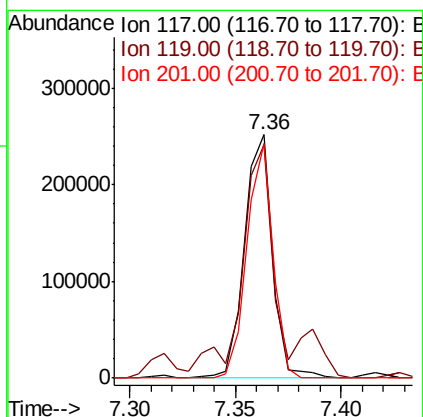
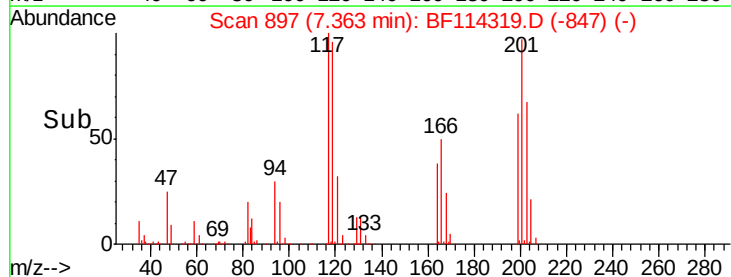
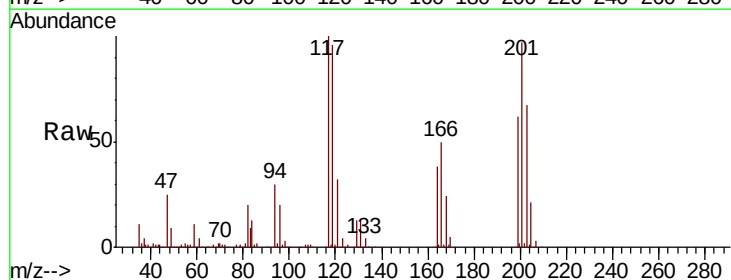
RT: 7.36 min Scan# 897

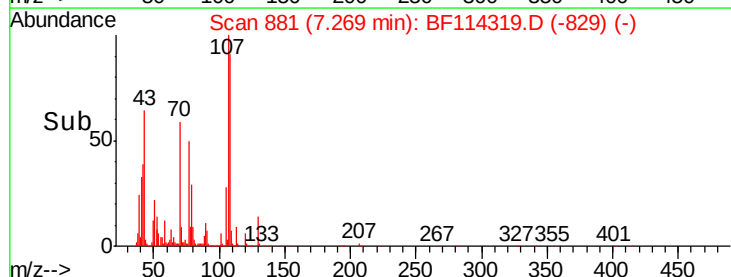
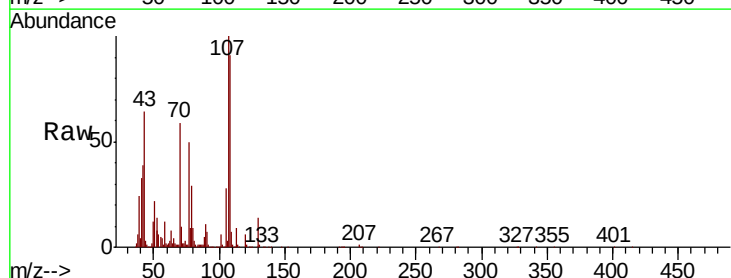
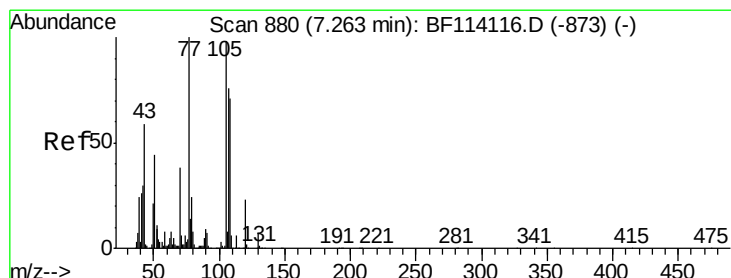
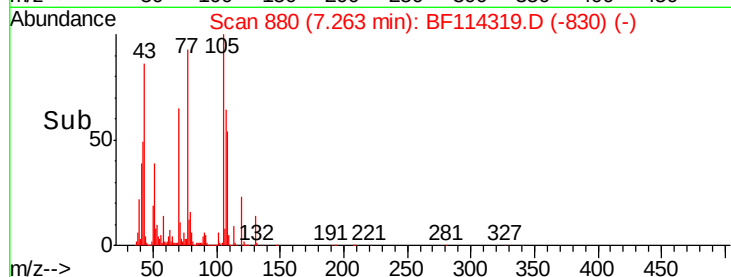
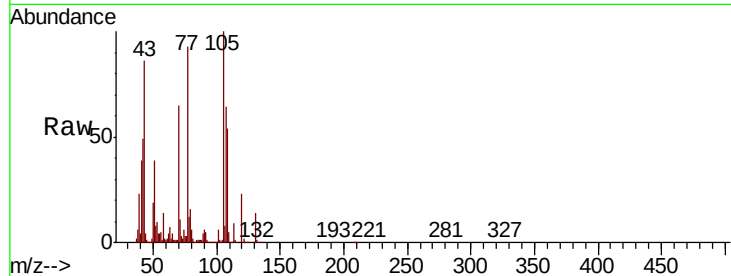
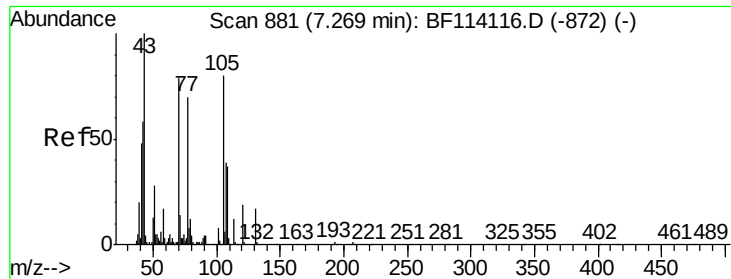
Delta R.T. -0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

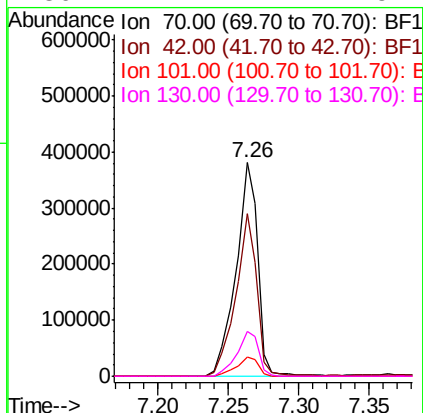
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	95.9	77.4	116.2		
201	96.5	74.5	111.7		





#19
n-Nitroso-di-n-propylamine
Concen: 37.998 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	76.2	58.6	87.8	
101	9.1	7.8	11.8	
130	21.2	17.1	25.7	



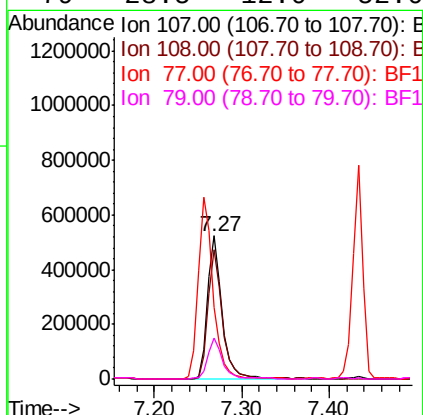
Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

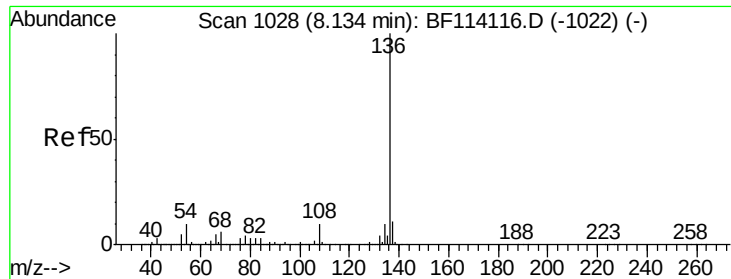
Manual Integrations
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5/17/2019 3:04:00 PM

#20
3+4-Methylphenols
Concen: 41.997 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	90.7	73.8	113.8	
77	49.8	111.5	151.5	
79	28.5	12.0	52.0	





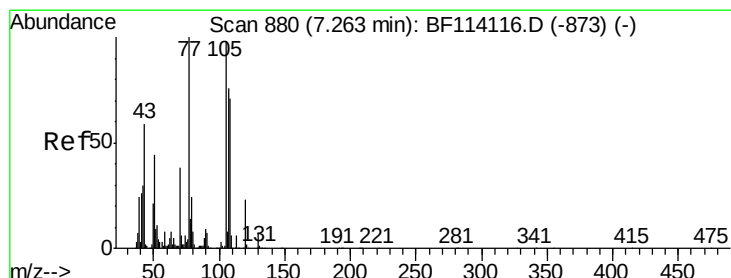
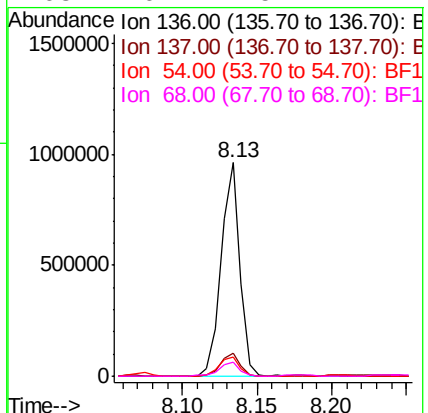
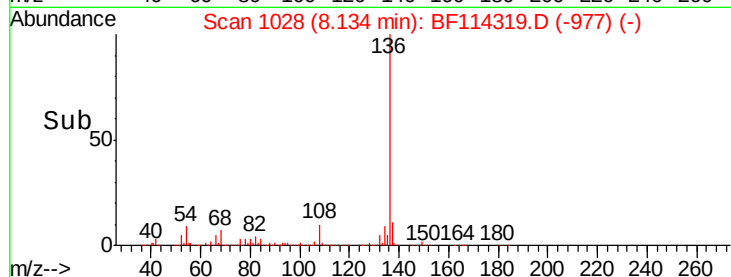
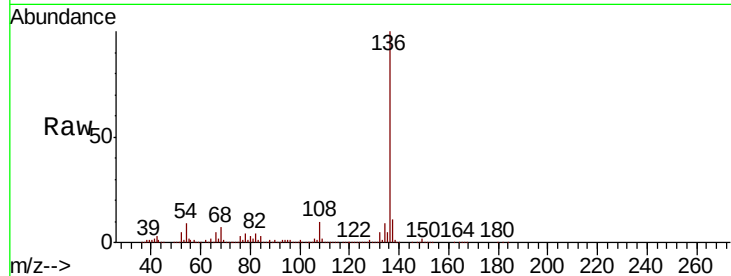
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	849055		
137	11.0		8.8	13.2
54	9.3		7.8	11.8
68	6.7		5.1	7.7

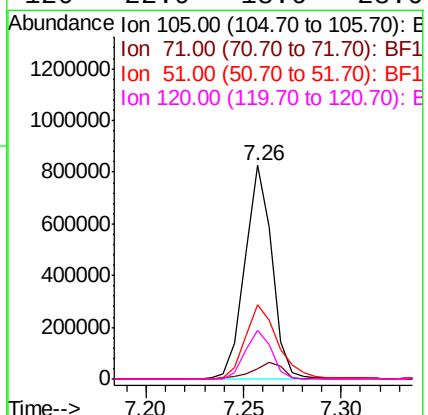
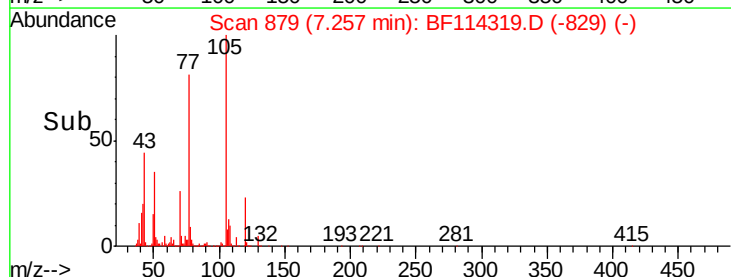
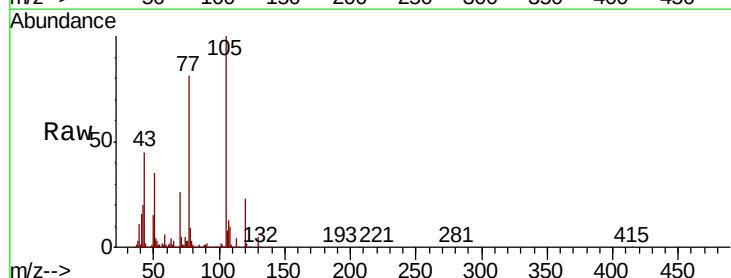
Manual Integrations
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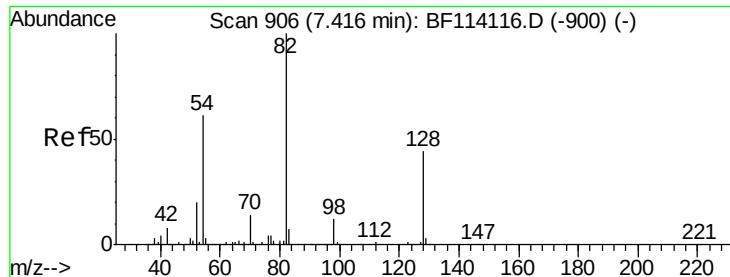
mohammad
5/17/2019 3:04:00 PM



#22
Acetophenone
Concen: 42.408 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	797668		
71	4.7		5.3	7.9#
51	34.7		36.2	54.4#
120	22.9		18.6	28.0





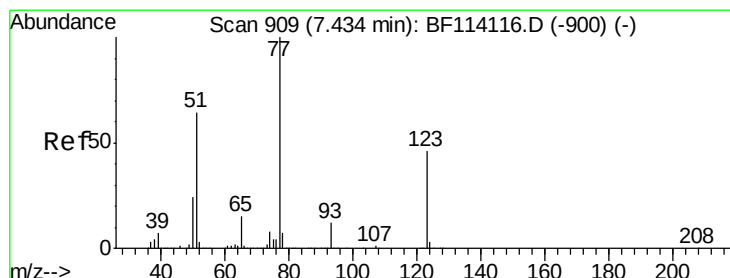
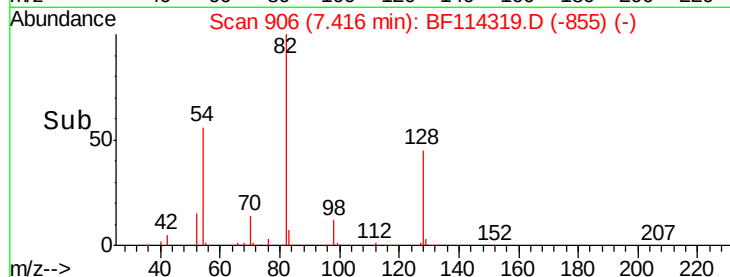
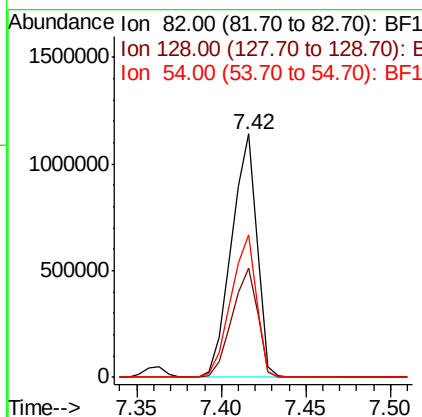
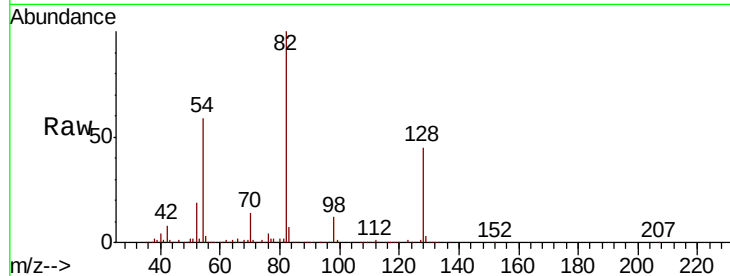
#23
Nitrobenzene-d5
Concen: 78.711 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.5	53.3
54	58.6	48.5	72.7

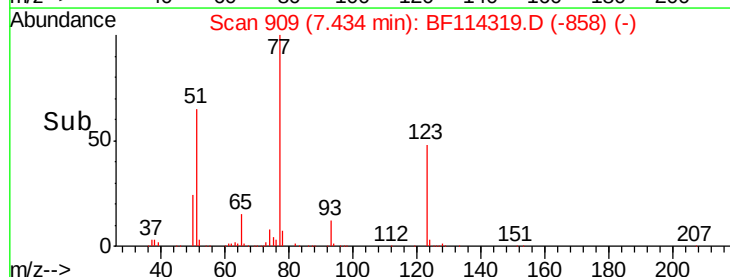
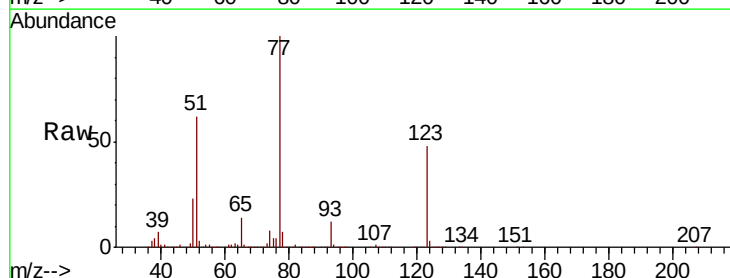
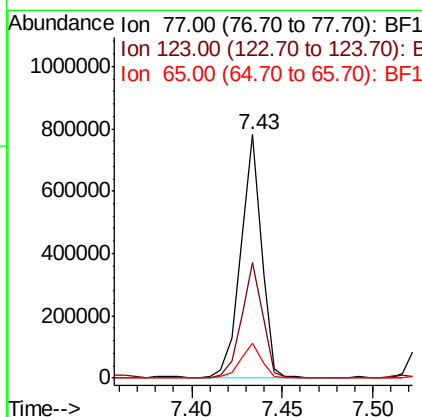
Manual Integrations
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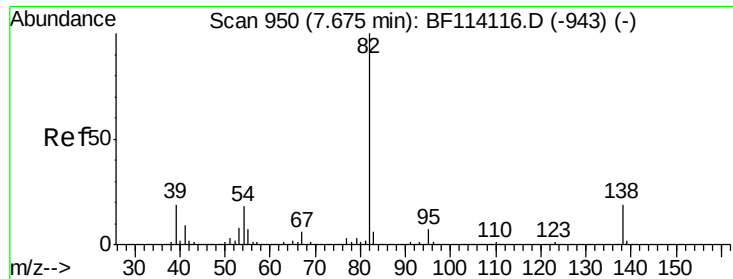
mohammad
5/17/2019 3:04:00 PM



#24
Nitrobenzene
Concen: 40.333 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	36.9	55.3
65	14.3	11.8	17.6





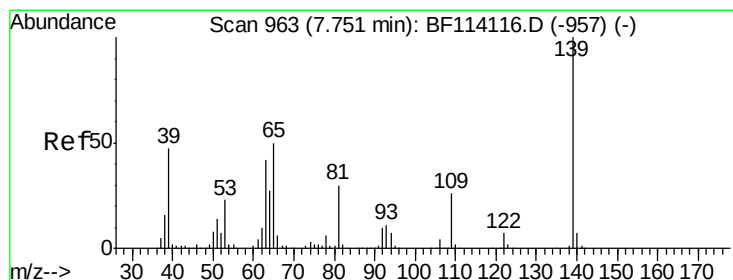
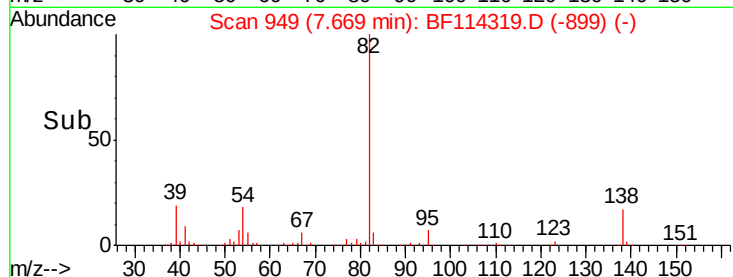
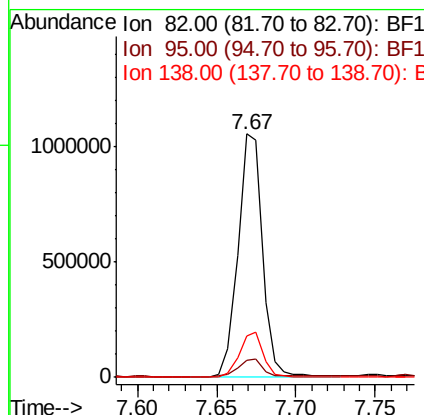
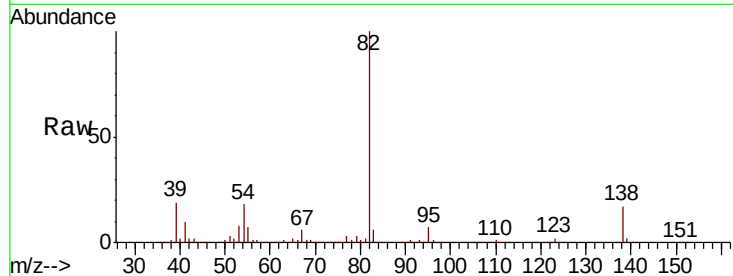
#25
Isophorone
Concen: 40.281 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	17.2	14.8	22.2

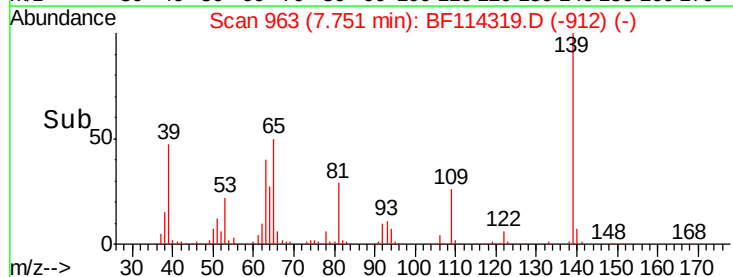
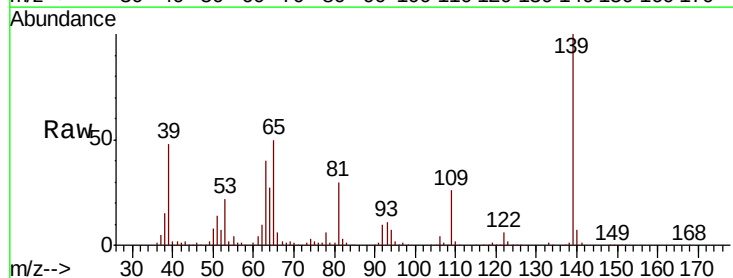
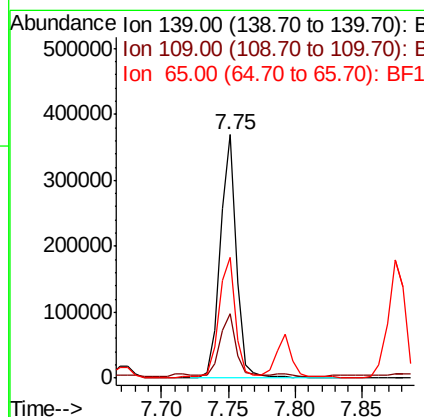
Manual Integrations
APPROVED

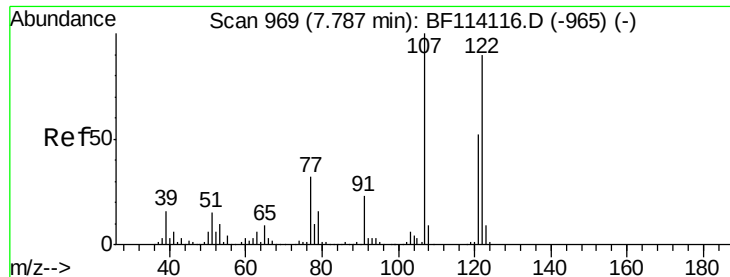
mohammad
5/17/2019 3:04:00 PM



#26
2-Nitrophenol
Concen: 42.580 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.3	20.7	31.1
65	49.9	40.2	60.2





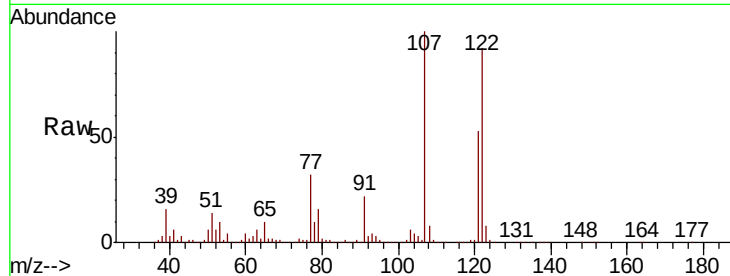
#27
2,4-Dimethylphenol
Concen: 44.739 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	525312		
107	108.4	88.4	132.6	
121	57.2	45.9	68.9	

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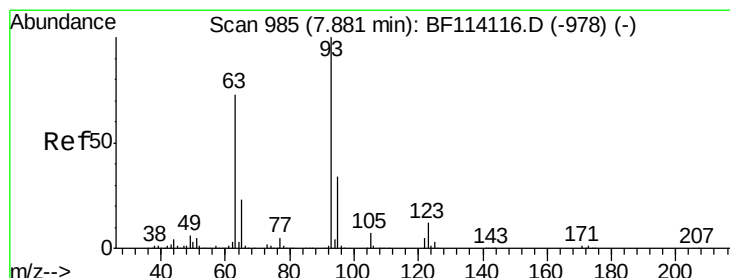
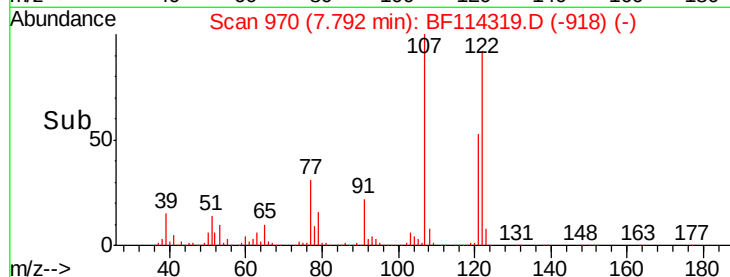
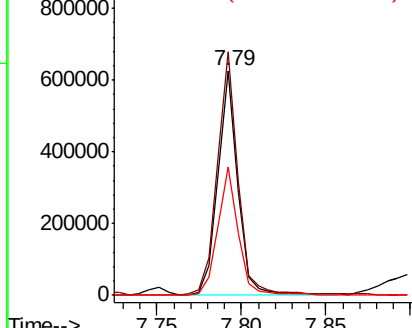


Abundance

Ion 122.00 (121.70 to 122.70): E

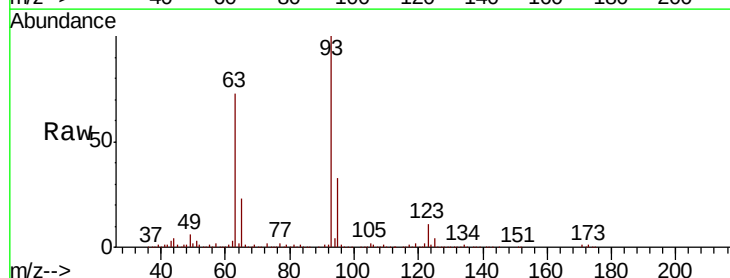
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 39.506 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	719236		
95	33.3	26.8	40.2	
123	11.3	9.5	14.3	

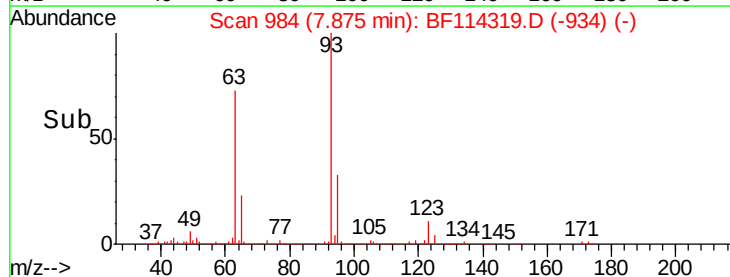
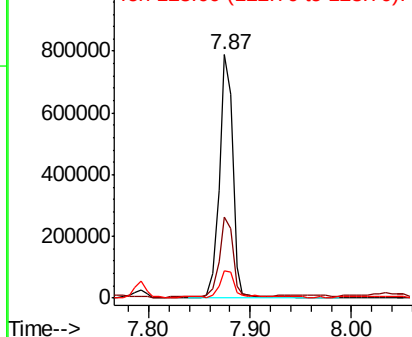


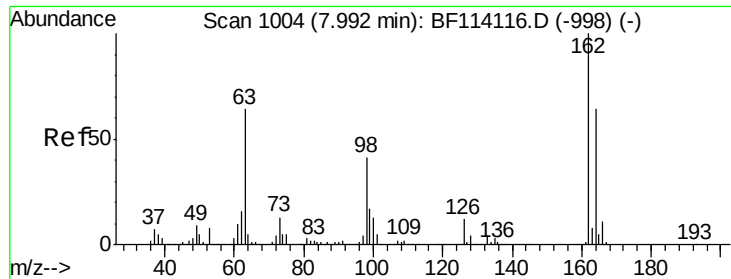
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





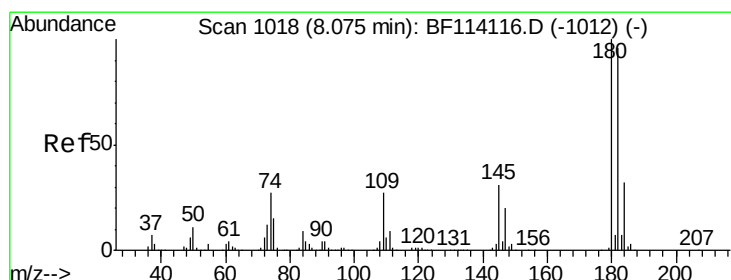
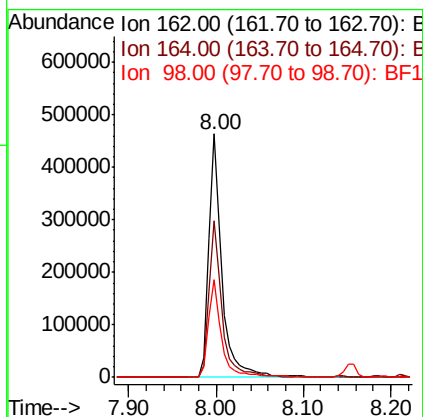
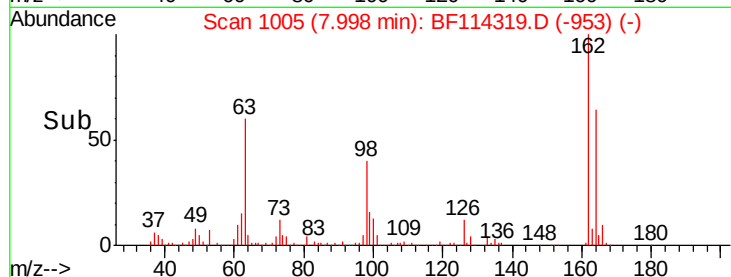
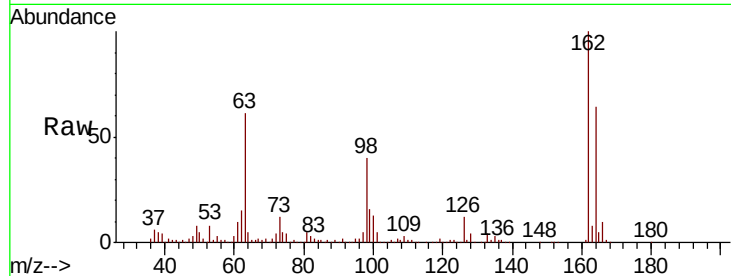
#29
2,4-Dichlorophenol
Concen: 41.515 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	485388		
164	64.4	43.6	83.6	
98	40.0	20.6	60.6	

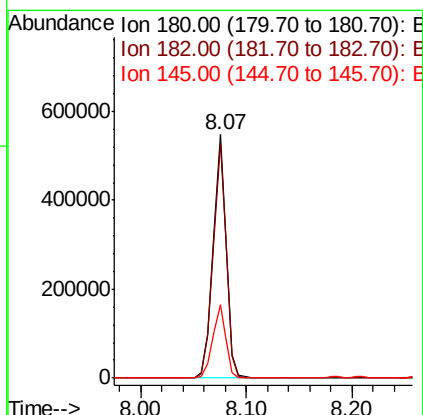
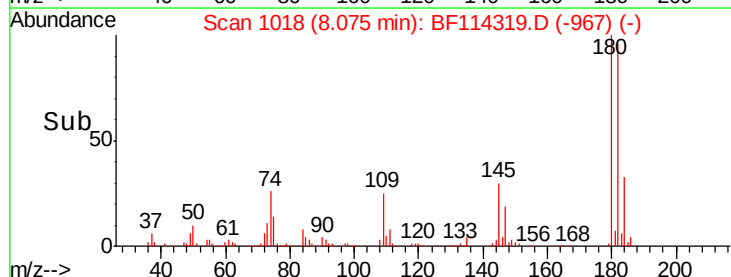
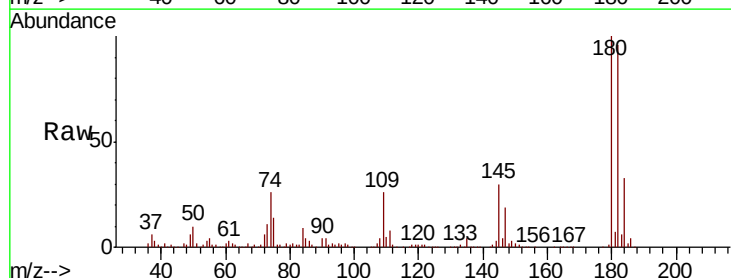
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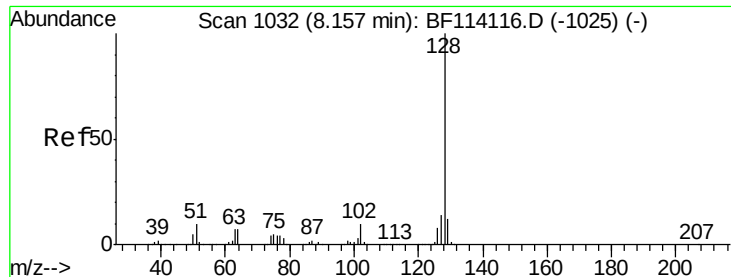
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 37.056 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	492674		
182	96.4	76.6	114.8	
145	29.9	25.1	37.7	





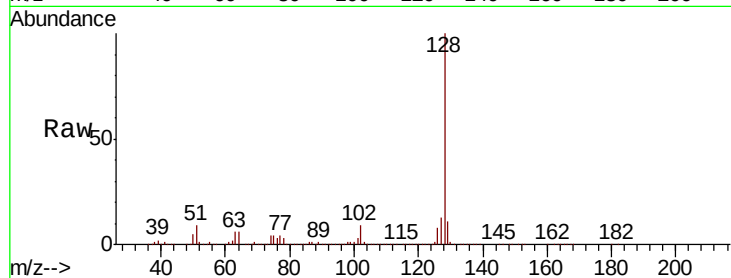
#31
Naphthalene
Concen: 41.479 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.6	14.4
127	13.5	11.3	16.9

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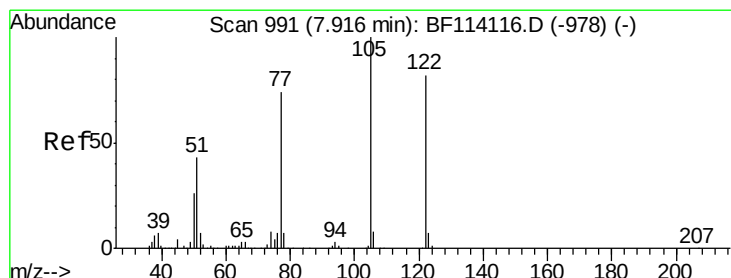
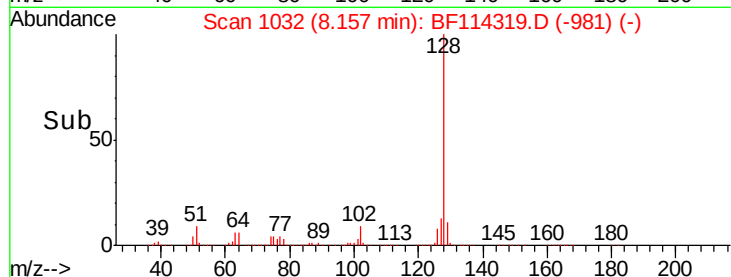
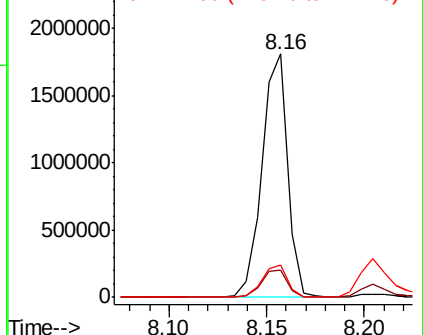


Abundance

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: 22.353 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

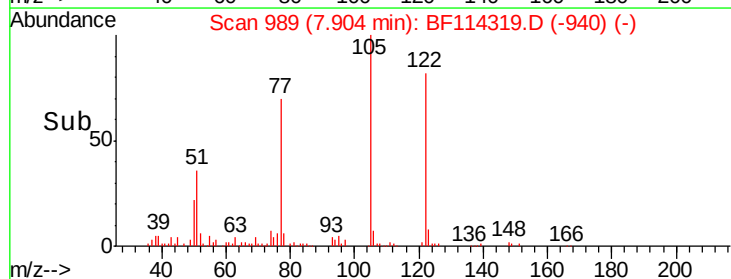
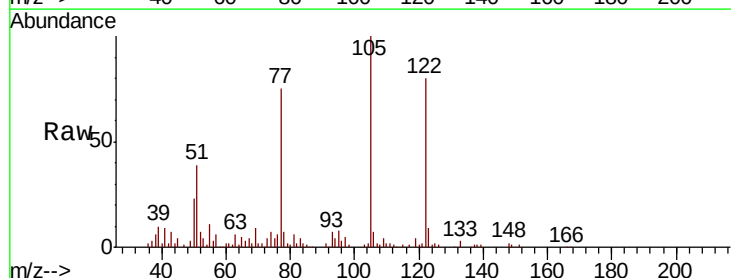
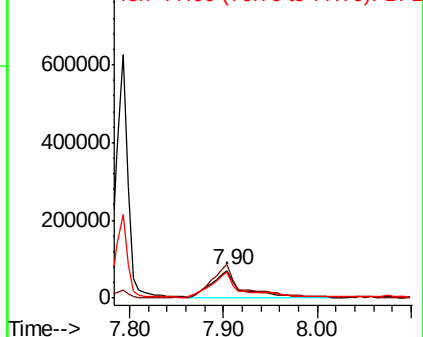
Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.1	99.9	139.9
77	93.2	69.4	109.4

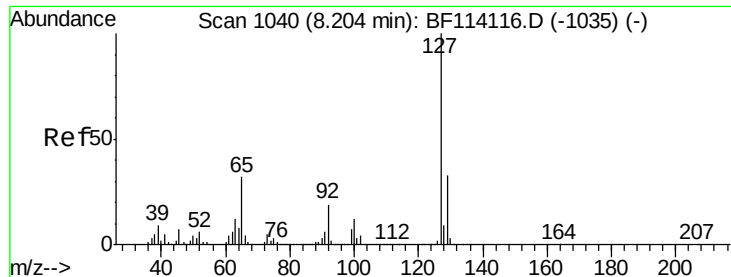
Abundance

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





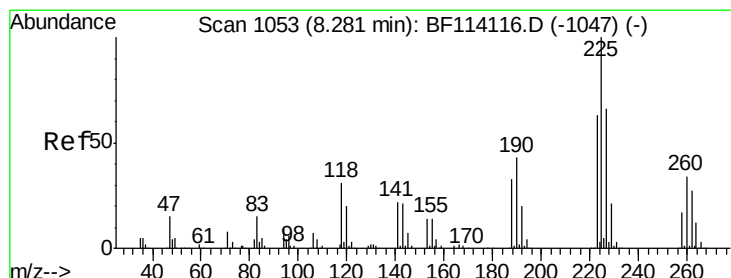
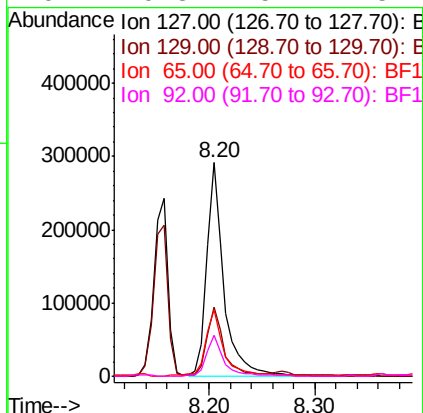
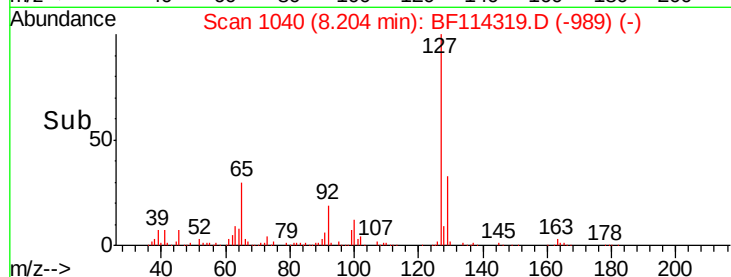
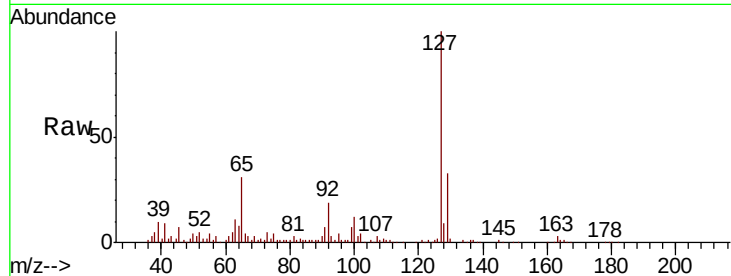
#33
4-Chloroaniline
Concen: 18.114 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	327379		
129	32.5	26.7	40.1	
65	31.3	25.4	38.0	
92	19.3	15.4	23.2	

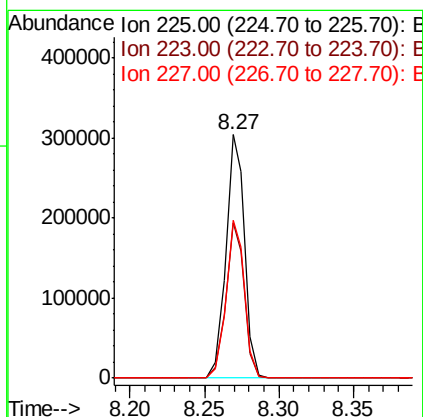
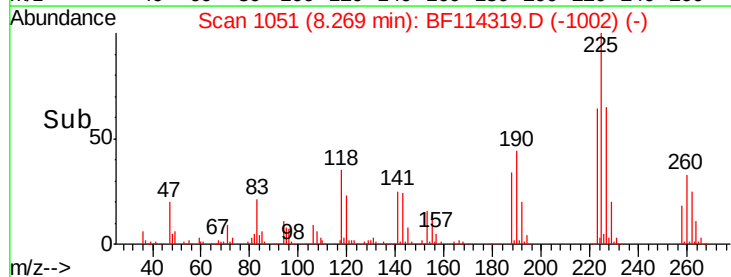
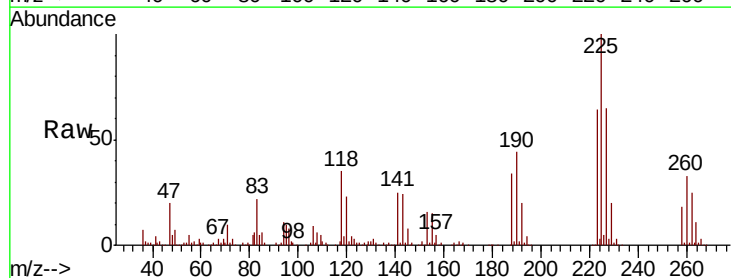
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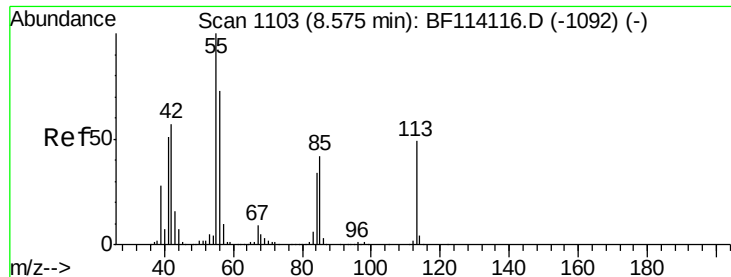
mohammad
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#34
Hexachlorobutadiene
Concen: 35.753 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	270463		
223	63.7	50.2	75.2	
227	65.0	52.6	79.0	





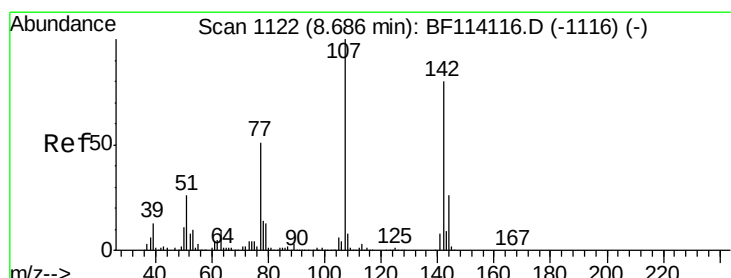
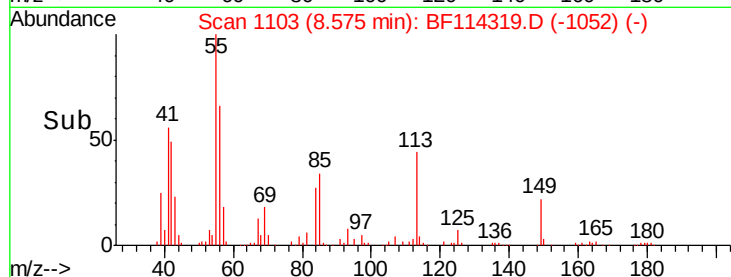
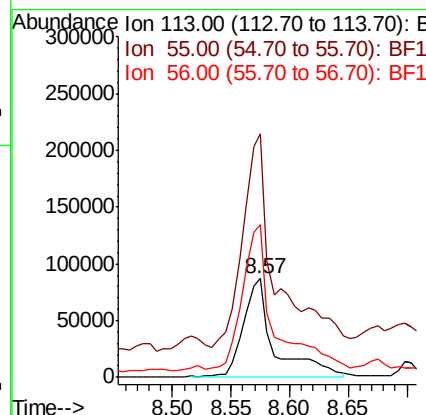
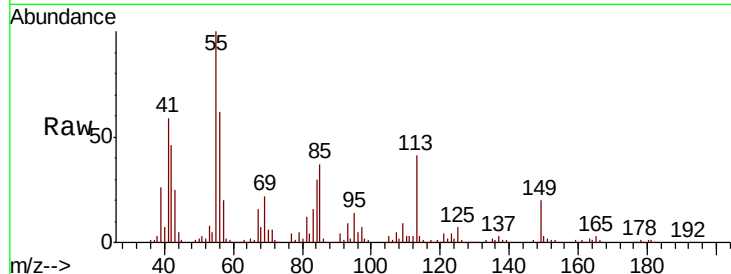
#35
Caprolactam
Concen: 42.858 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	246.3	183.5	223.5#
56	153.9	128.8	168.8

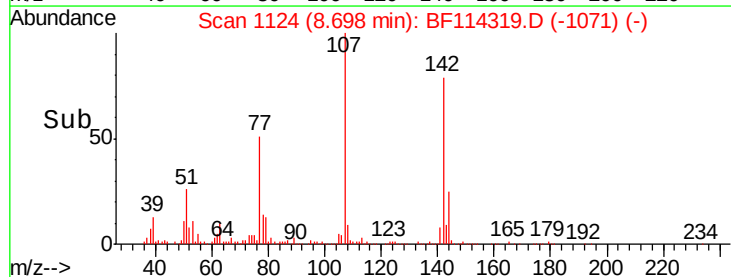
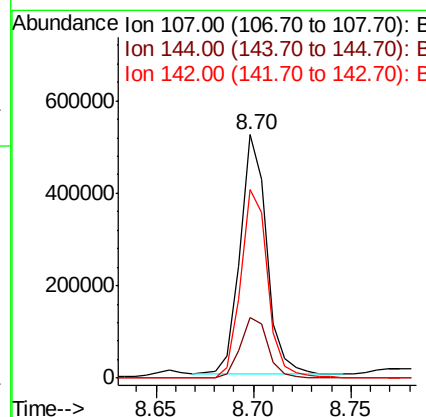
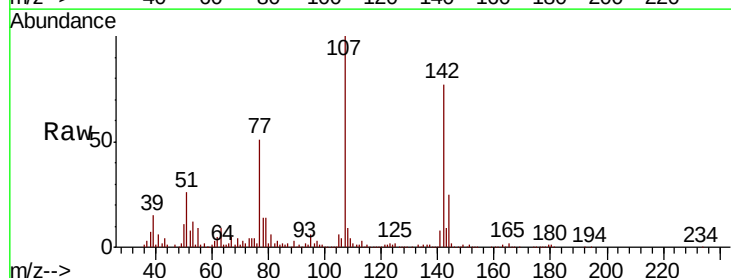
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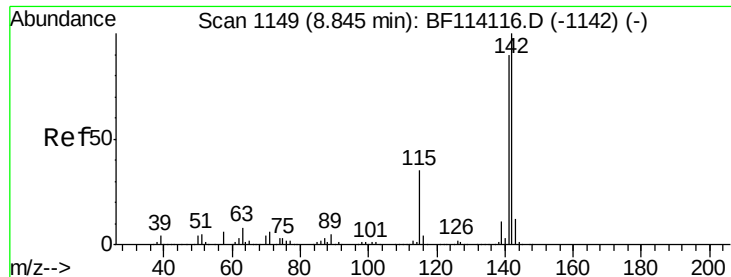
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 41.430 ng/ml
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.4	30.6
142	77.4	64.2	96.4





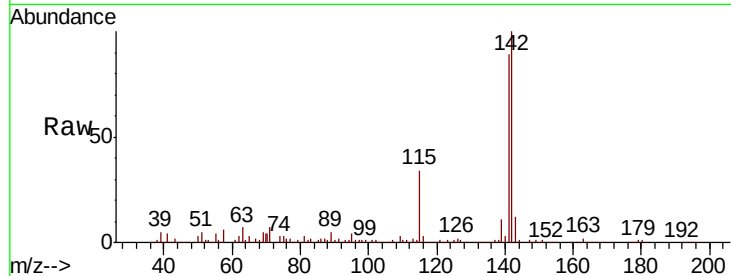
#37
2-Methylnaphthalene
Concen: 39.875 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.1	108.1
115	33.9	28.0	42.0

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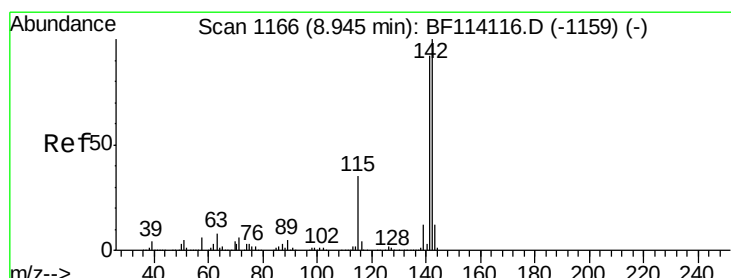
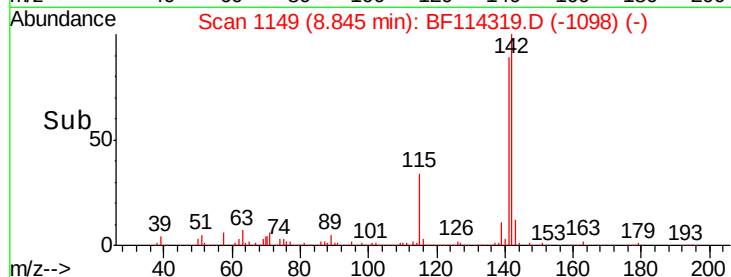
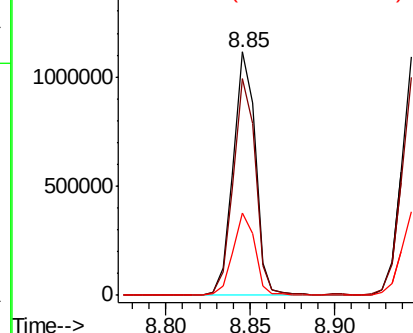


Abundance

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: 39.786 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

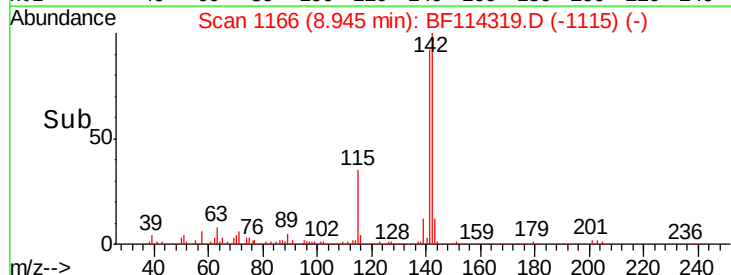
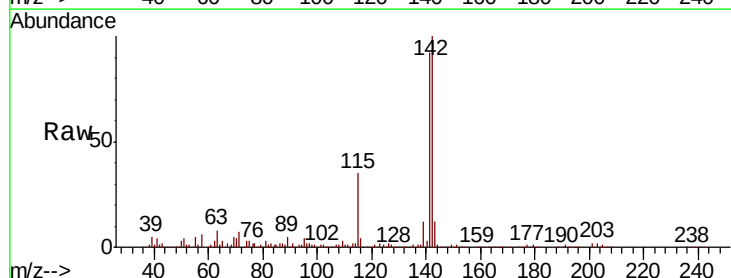
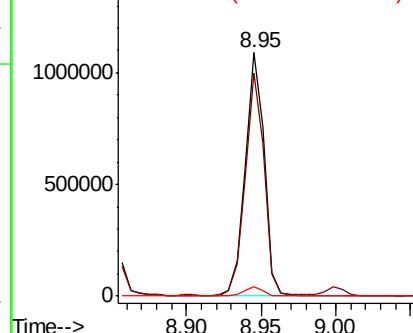
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.4	110.0
116	3.8	3.1	4.7

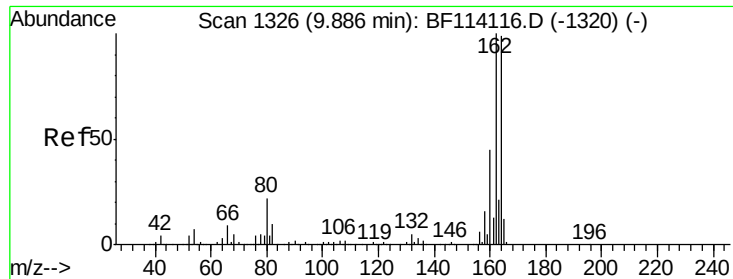
Abundance

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





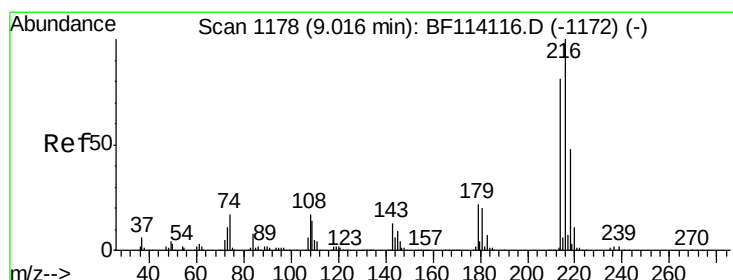
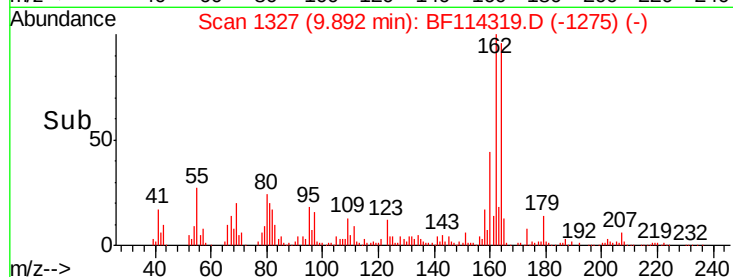
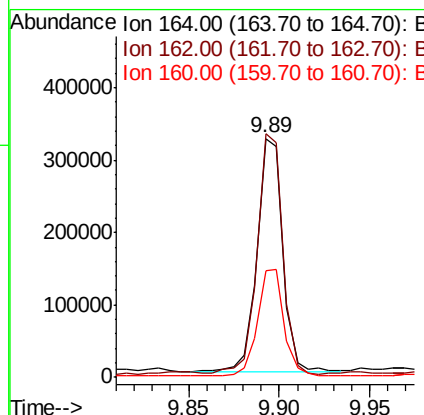
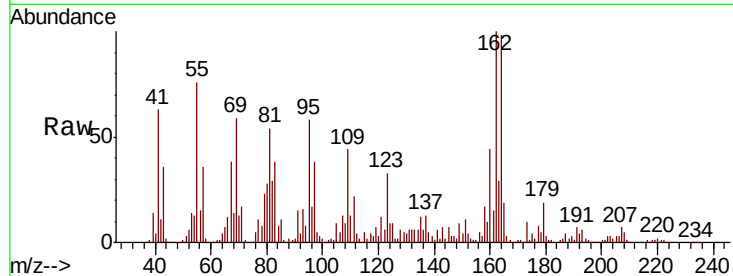
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF114319.D
 Acq: 16 May 2019 19:46

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MSD

Tot Ion:	164	Resp:	315167
Ion Ratio	Lower	Upper	
164	100		
162	101.9	80.6	120.8
160	44.9	36.5	54.7

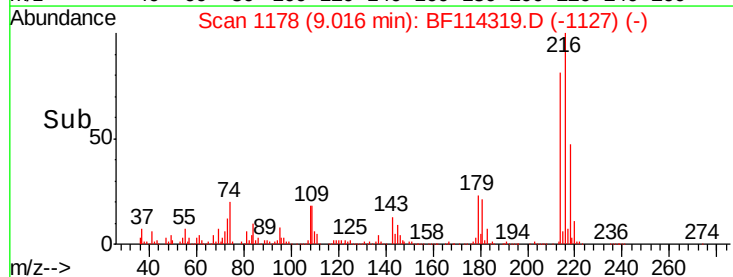
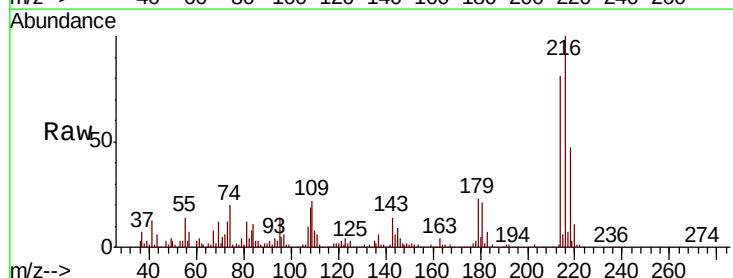
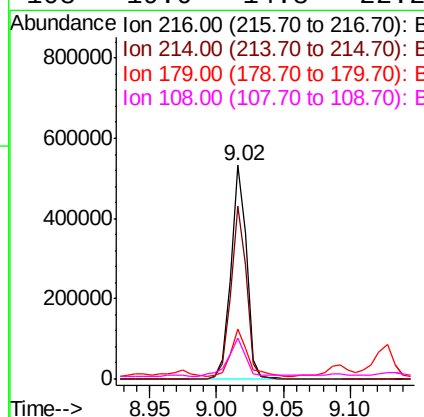
Manual Integrations
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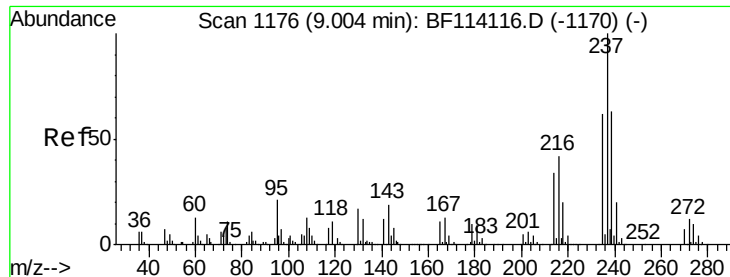
mohammad
 5/17/2019 3:04:00 PM



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.489 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF114319.D
 Acq: 16 May 2019 19:46

Tgt Ion:	216	Resp:	443830
Ion Ratio	Lower	Upper	
216	100		
214	80.4	63.9	95.9
179	23.5	17.0	25.6
108	19.0	14.8	22.2





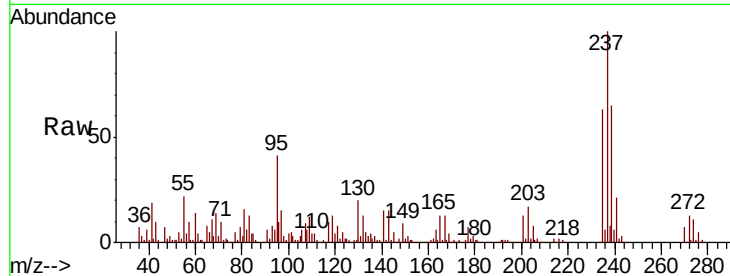
#41
Hexachlorocyclopentadiene
Concen: 54.690 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

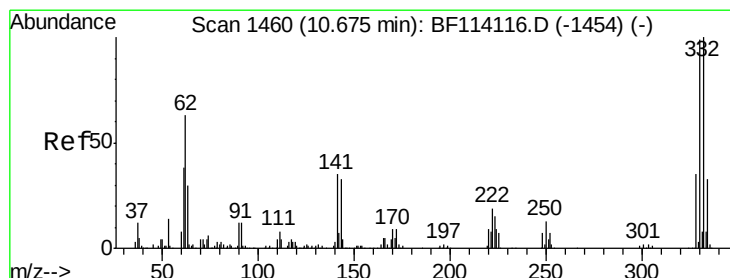
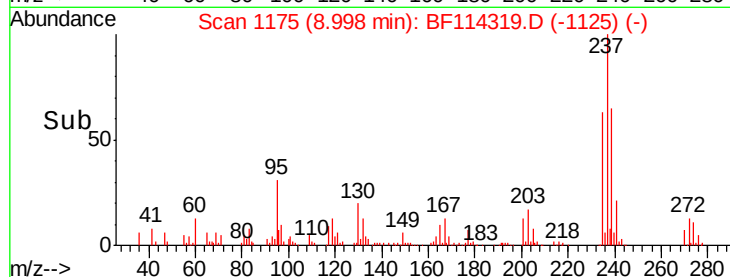
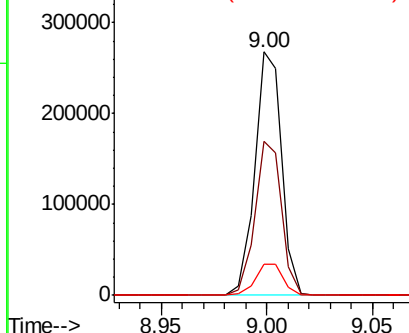
Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.0		42.0	82.0	
272	12.6		0.0	32.4	

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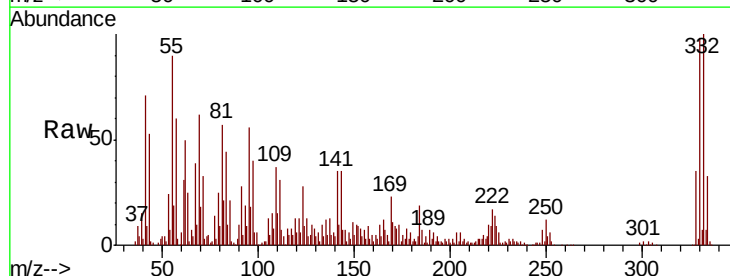


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

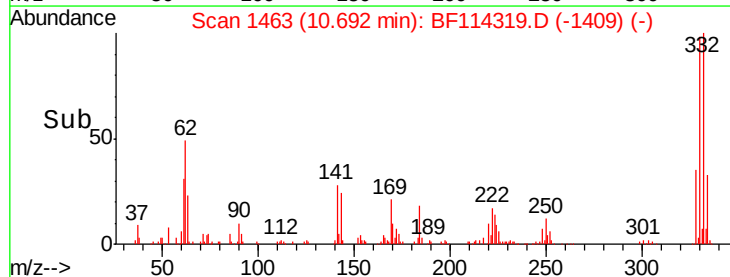
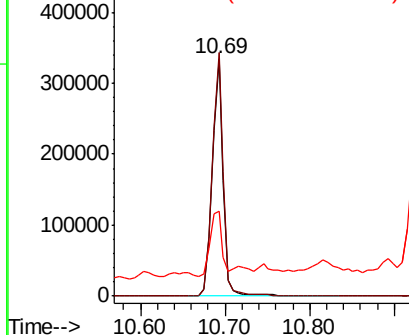


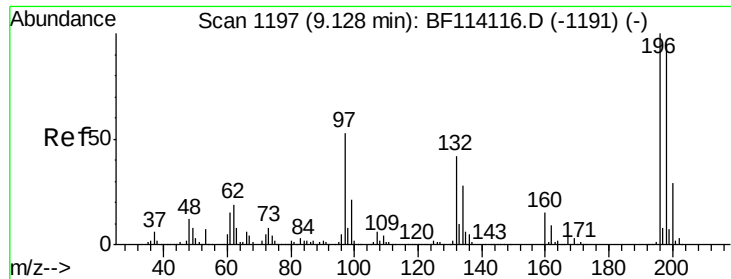
#42
2,4,6-Tribromophenol
Concen: 95.922 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.02 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	103.5		81.4	122.2	
141	30.1		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





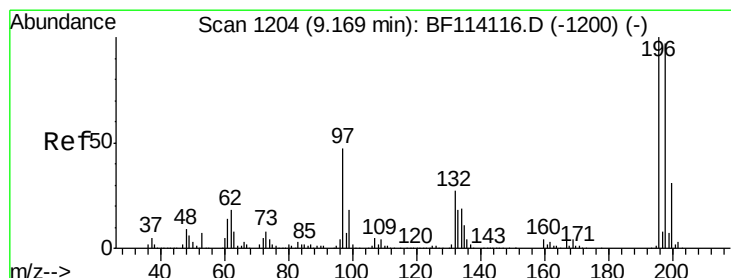
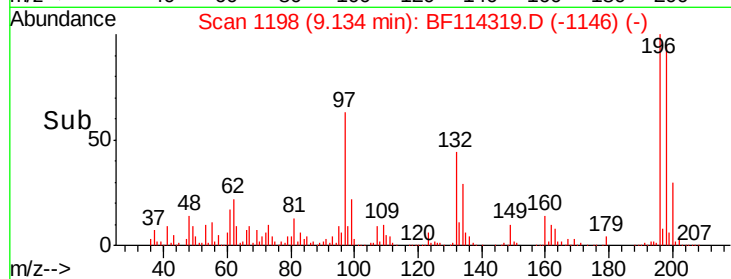
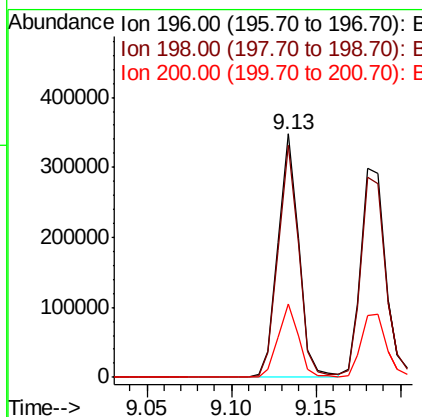
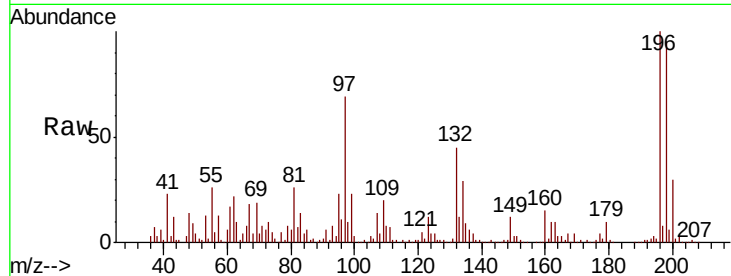
#43
 2,4,6-Trichlorophenol
 Concen: 44.864 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.01 min
 Lab File: BF114319.D
 Acq: 16 May 2019 19:46

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MSD

Tot Ion:	196	Resp:	294611
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.9	113.9
200	30.0	23.5	35.3

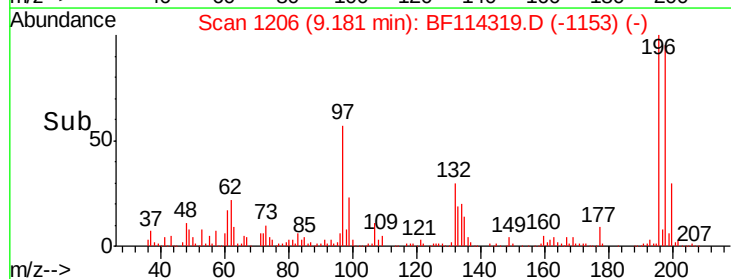
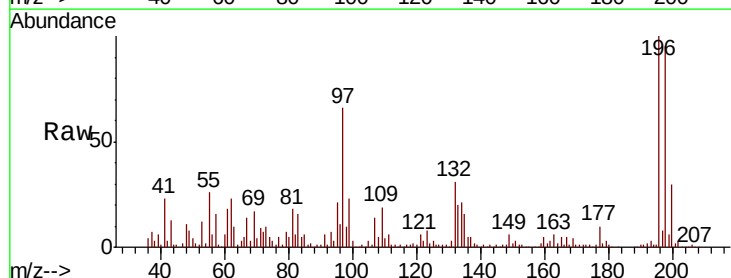
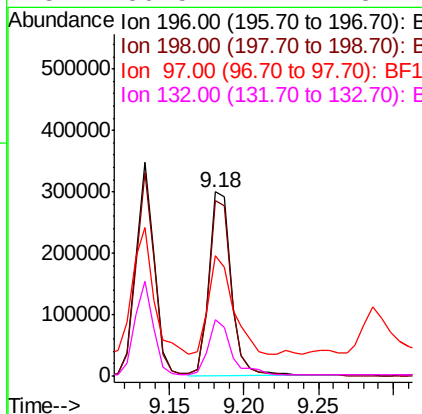
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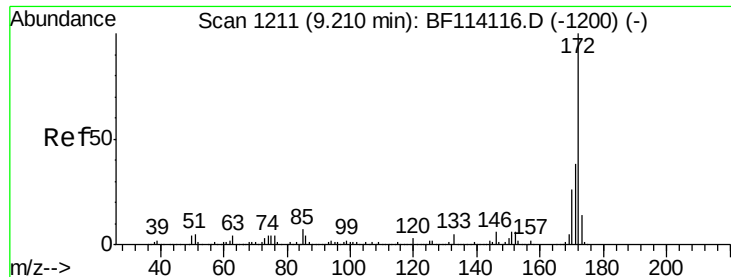
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.834 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF114319.D
 Acq: 16 May 2019 19:46

Tgt Ion:	196	Resp:	308669
Ion Ratio	Lower	Upper	
196	100		
198	95.4	77.7	116.5
97	65.6	38.2	57.2#
132	30.5	21.4	32.2





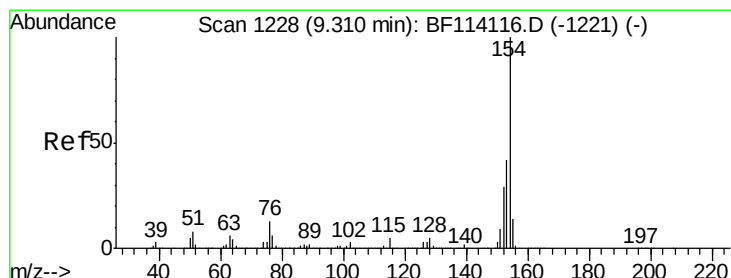
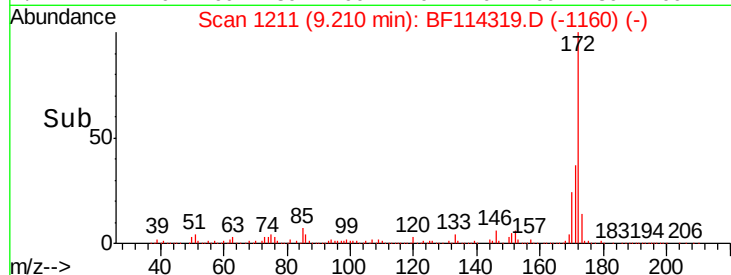
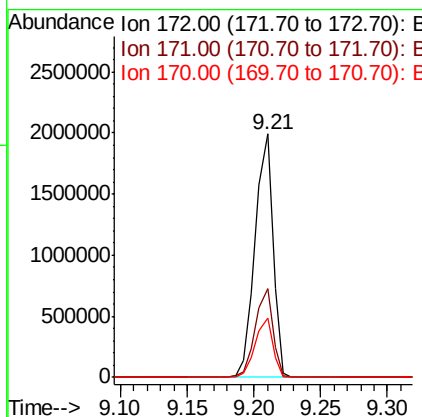
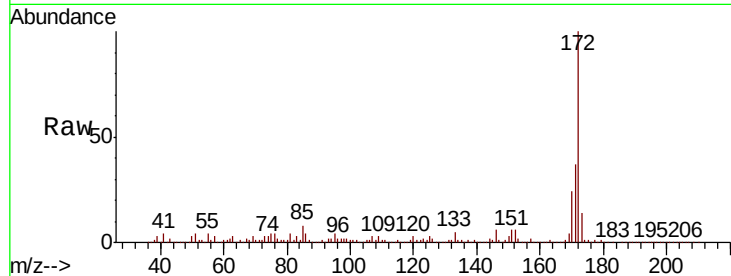
#45
2-Fluorobiphenyl
Concen: 87.914 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion:172 Resp: 1831706
Ion Ratio Lower Upper
172 100
171 36.6 30.7 46.1
170 24.4 20.5 30.7

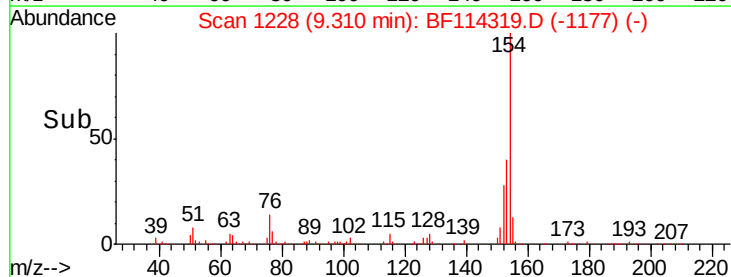
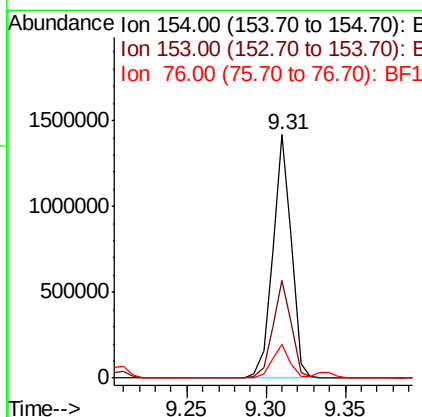
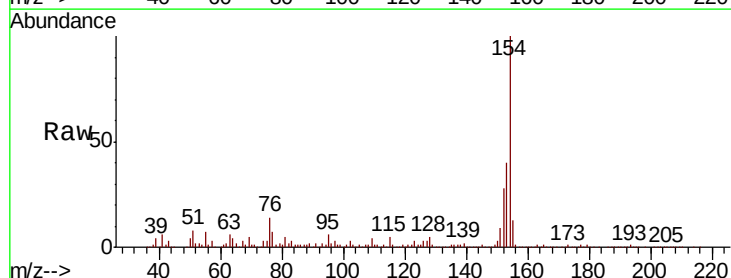
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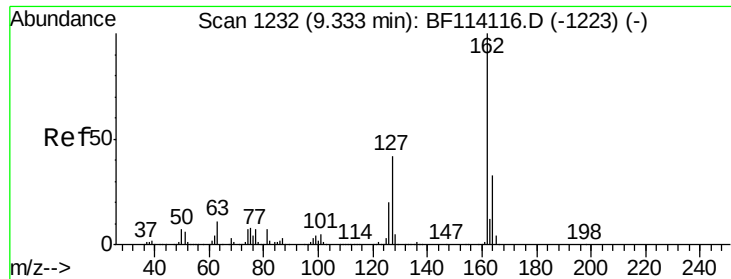
mohammad
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#46
1,1'-Biphenyl
Concen: 45.592 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion:154 Resp: 1160824
Ion Ratio Lower Upper
154 100
153 40.3 21.9 61.9
76 13.7 0.0 32.8





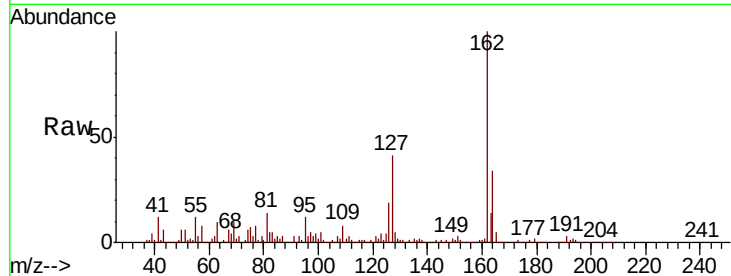
#47
2-Chloronaphthalene
Concen: 41.985 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

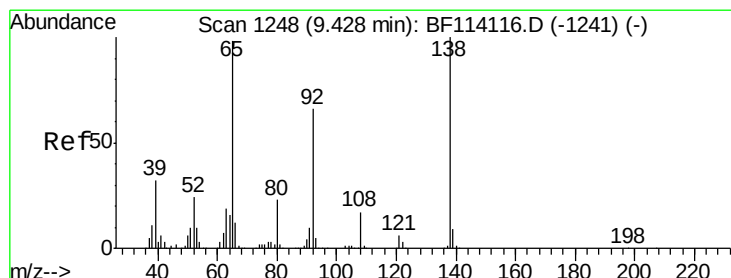
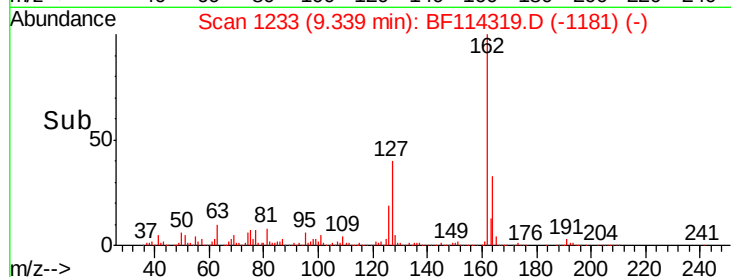
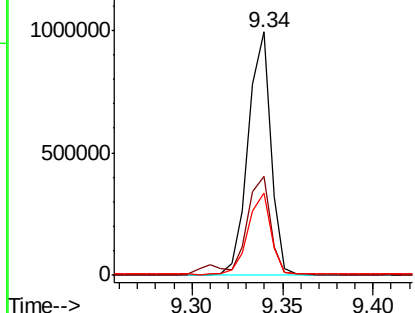
Tot Ion	Ratio	Resp	Lower	Upper
162	100	860306		
127	40.6		34.0	51.0
164	33.6		26.7	40.1

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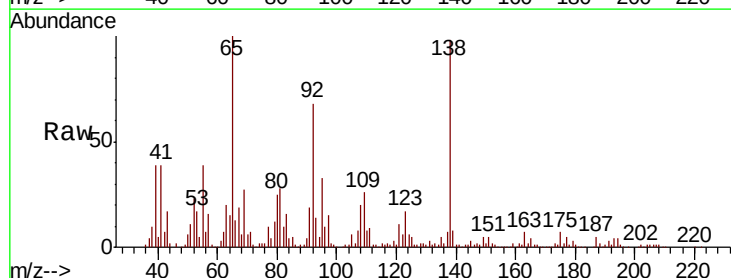


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

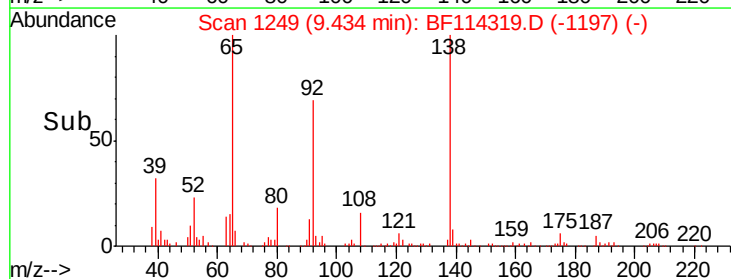
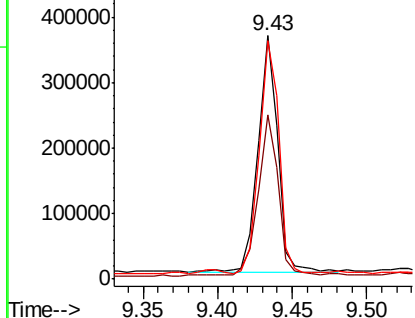


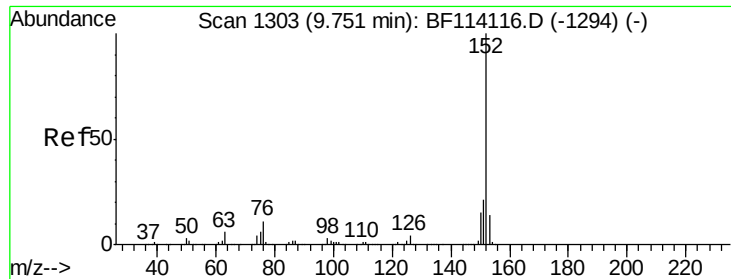
#48
2-Nitroaniline
Concen: 44.267 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	321692		
92	67.5		53.9	80.9
138	98.1		81.4	122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.792 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

Tot Ion:152 Resp: 1271303

Ion Ratio Lower Upper

152 100

151 22.8 16.8 25.2

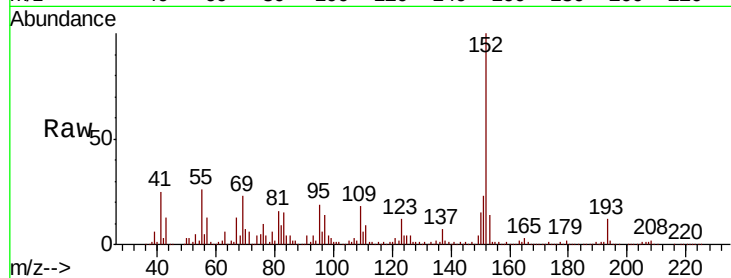
153 14.1 11.4 17.2

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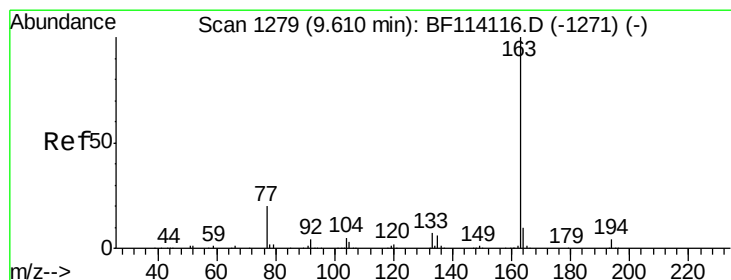
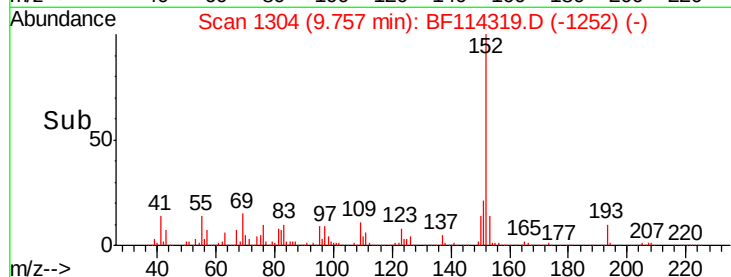
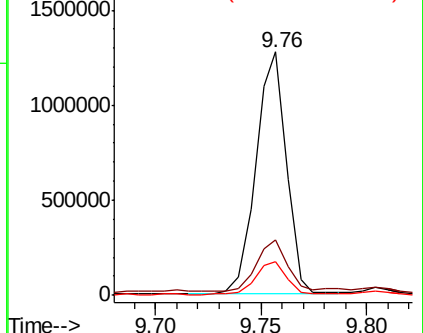
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.625 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

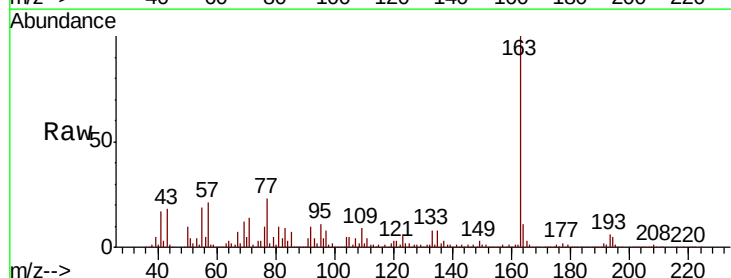
Tgt Ion:163 Resp: 1171282

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.0

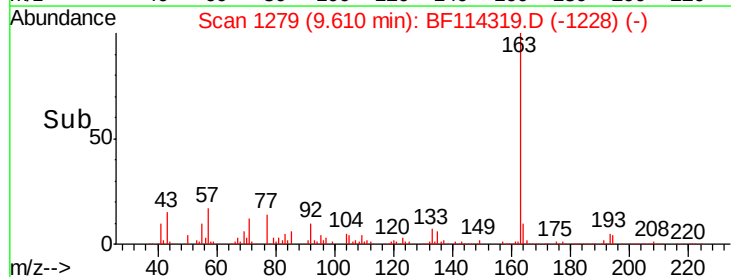
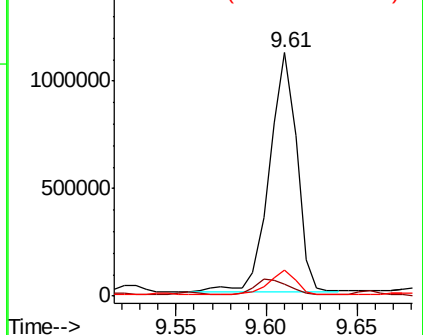
164 10.6 8.2 12.2

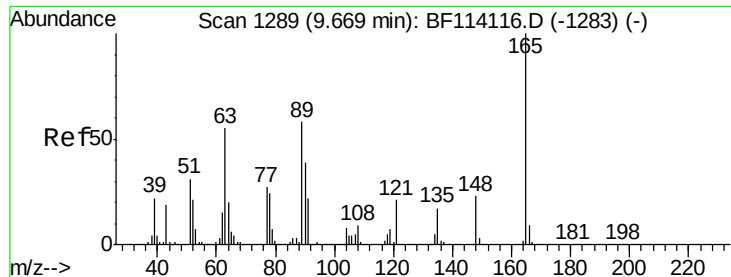


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





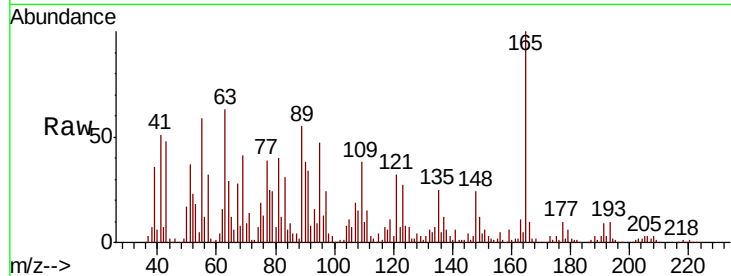
#51
2,6-Dinitrotoluene
Concen: 50.275 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	257992		
63	62.6	50.2	75.4	
89	55.2	46.6	69.8	

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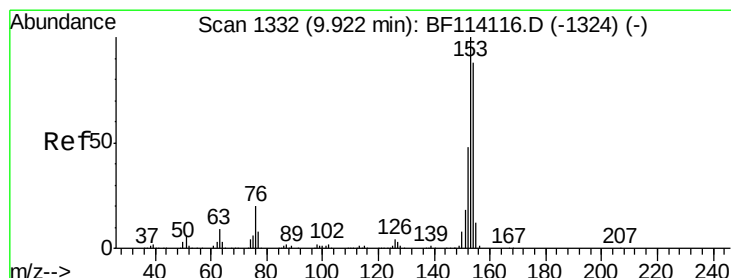
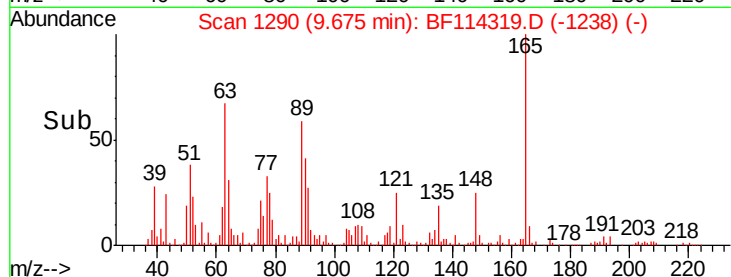
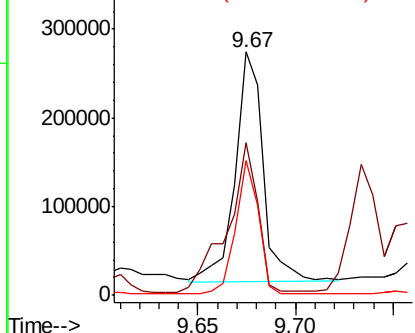


Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 37.343 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

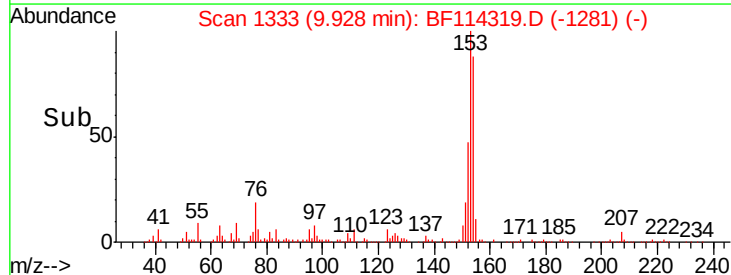
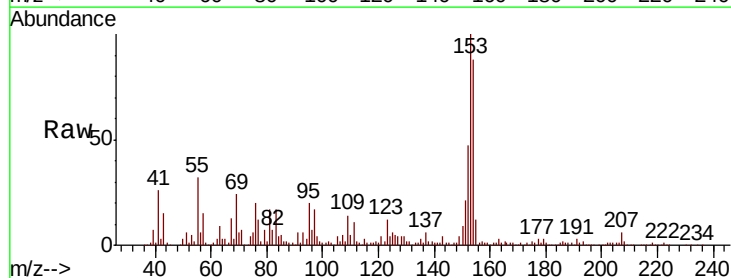
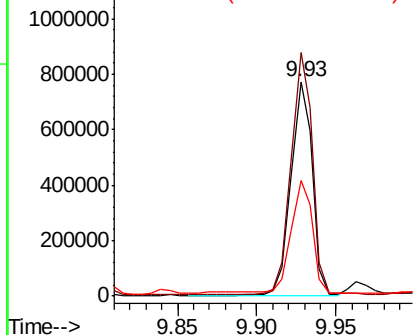
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	714174		
153	113.5	90.5	135.7	
152	53.9	43.4	65.2	

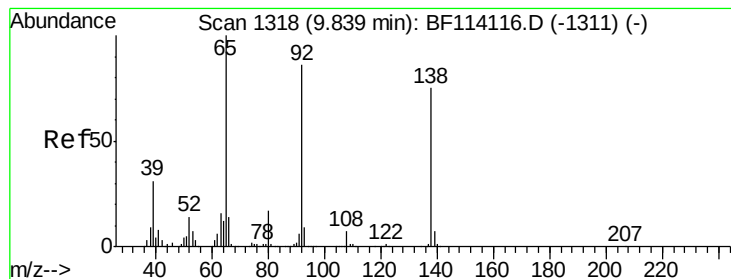
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 40.578 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

Tot Ion:138 Resp: 258488

Ion Ratio Lower Upper

138 100

108 17.3 7.8 11.6#

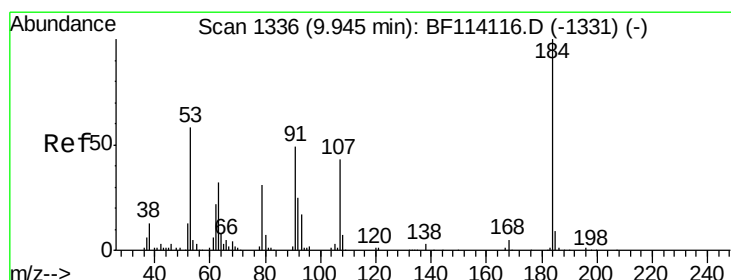
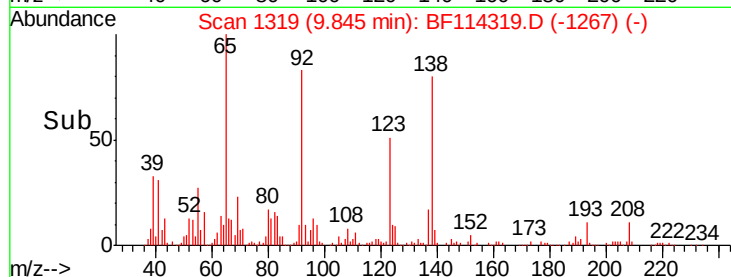
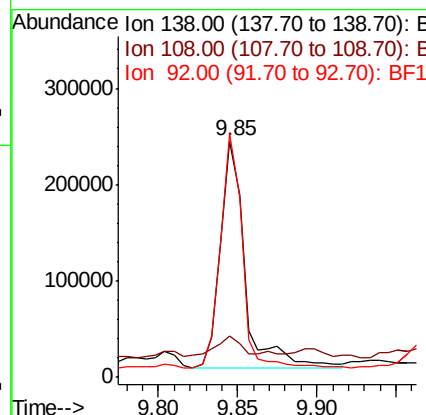
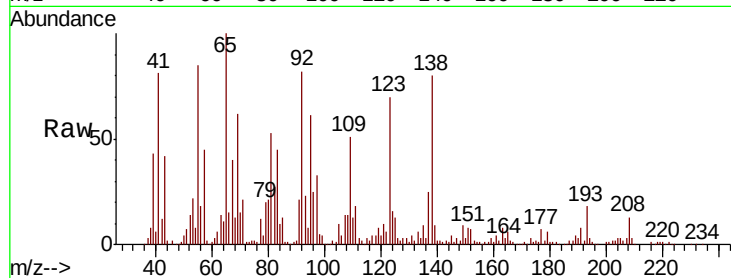
92 103.1 91.2 136.8

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#54

2,4-Dinitrophenol

Concen: 39.522 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.02 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

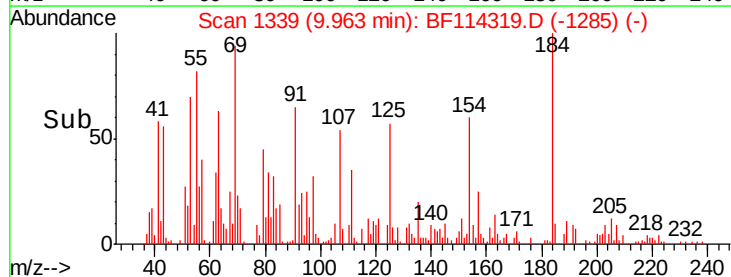
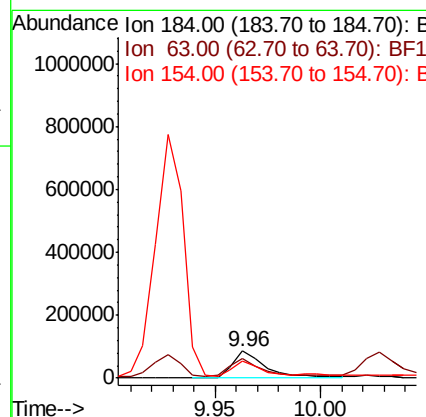
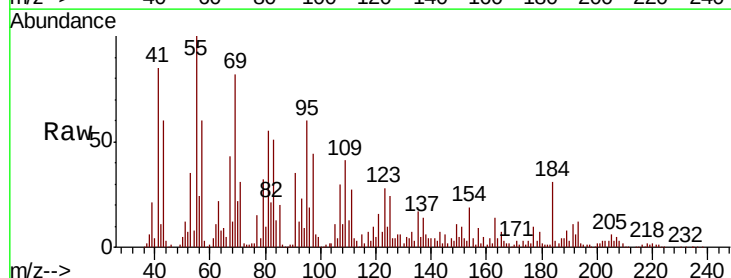
Tgt Ion:184 Resp: 92363

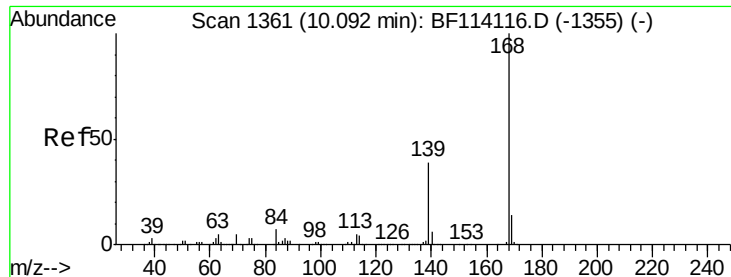
Ion Ratio Lower Upper

184 100

63 73.1 55.6 83.4

154 62.7 46.0 69.0





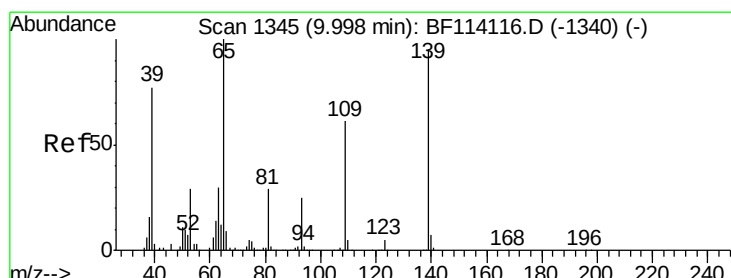
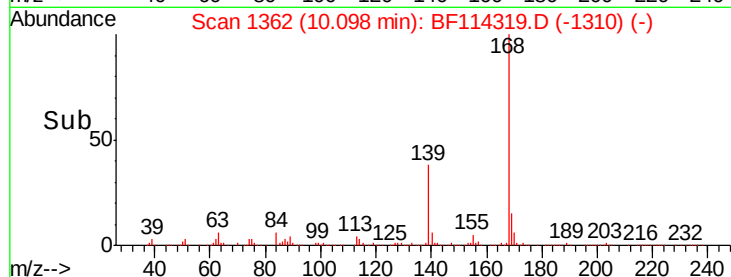
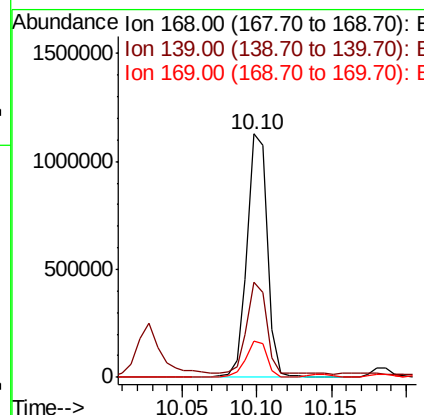
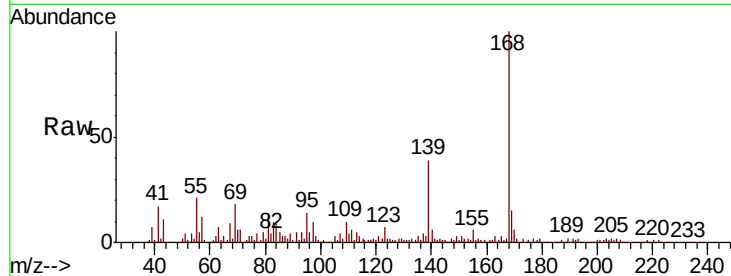
#55
Dibenzenofuran
Concen: 37.713 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.1	46.7
169	14.8	11.4	17.0

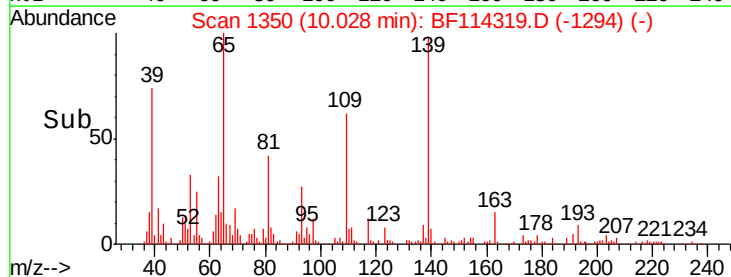
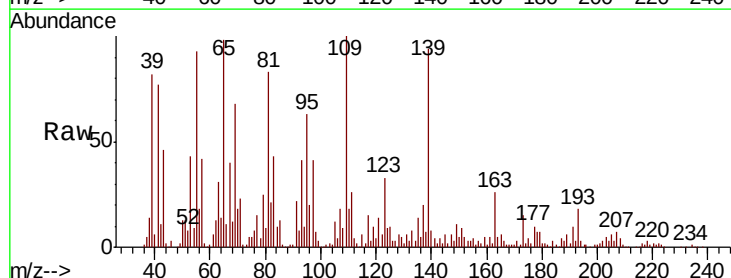
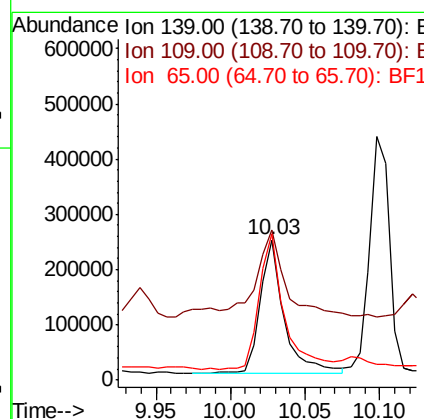
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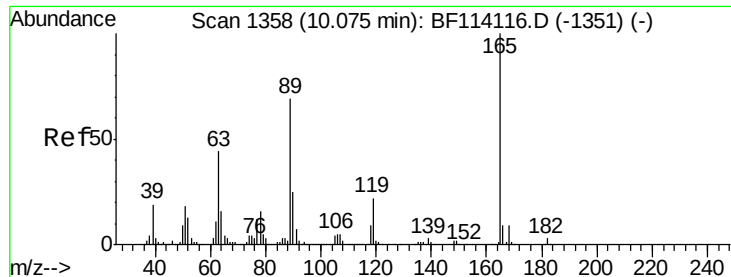
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#56
4-Nitrophenol
Concen: 60.447 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.03 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	106.9	43.9	83.9#
65	104.8	85.7	125.7





#57

2,4-Dinitrotoluene

Concen: 36.526 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

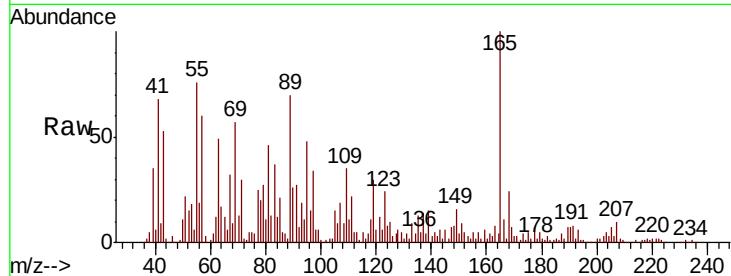
ClientSampleId :

RO-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	254405		
63	48.9	35.5	53.3	
89	70.5	55.2	82.8	
182	2.8	2.2	3.2	

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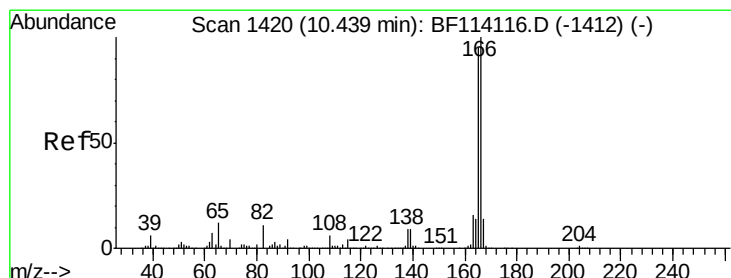
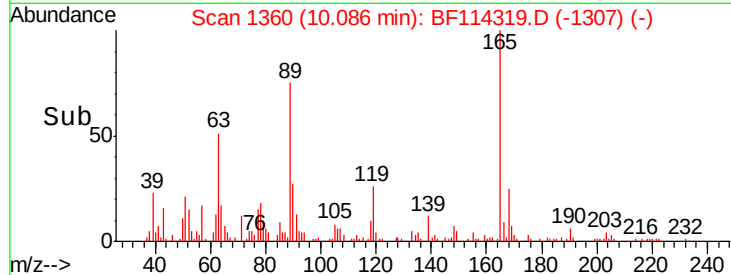
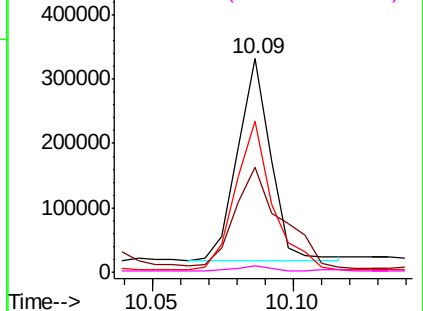
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 34.710 ng

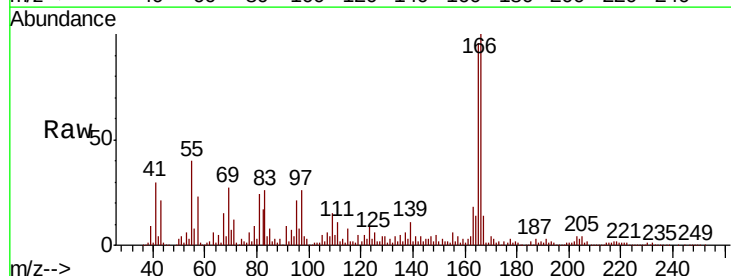
RT: 10.45 min Scan# 1421

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	751855		
165	95.7	76.1	114.1	
167	14.2	11.1	16.7	

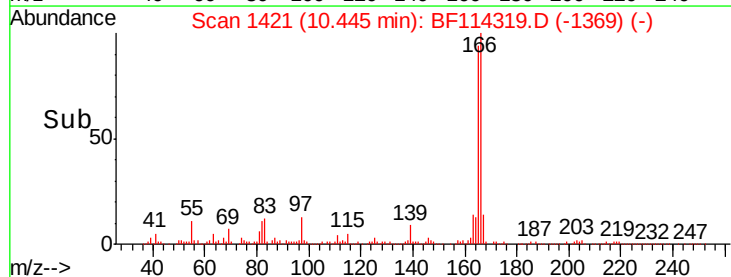
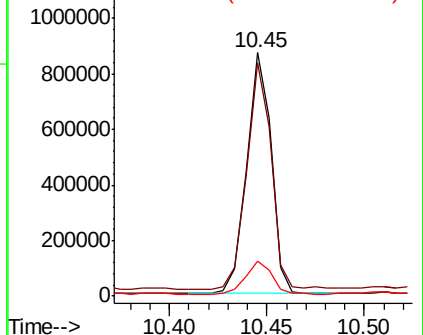


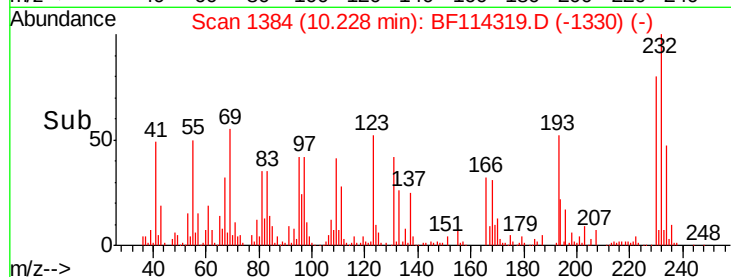
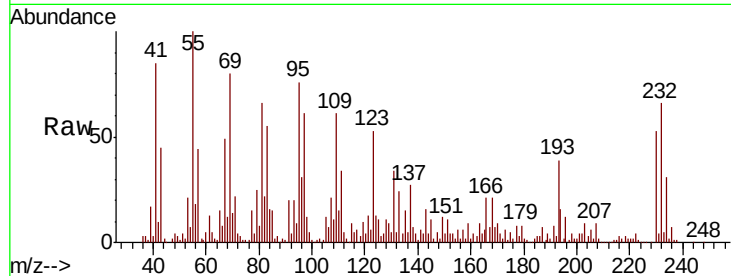
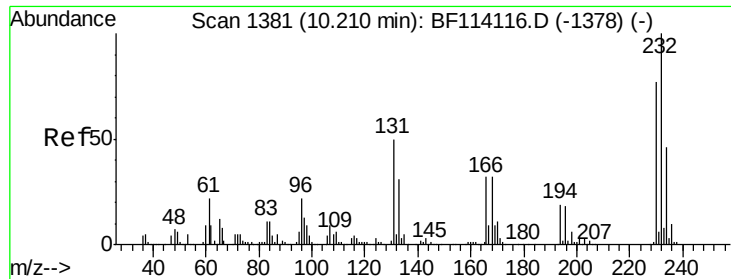
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





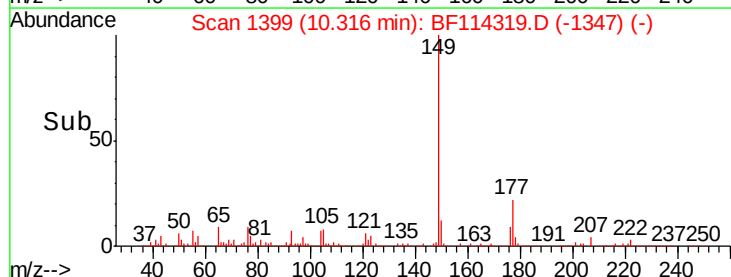
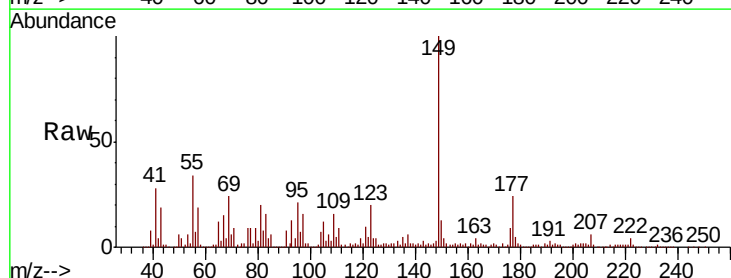
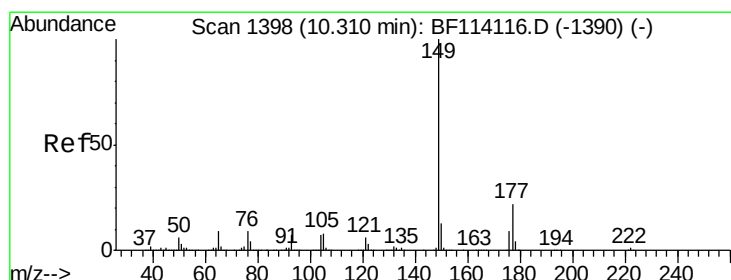
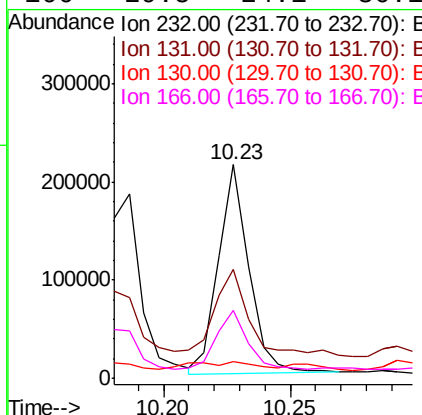
#59
2,3,4,6-Tetrachlorophenol
Concen: 30.488 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.02 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	177162		
131	55.2	35.6	53.4#	
130	4.9	1.6	2.4#	
166	29.5	24.1	36.1	

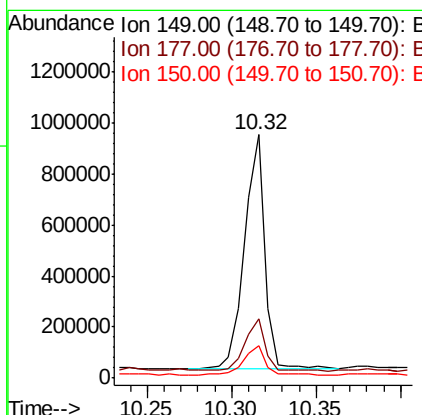
Manual Integrations
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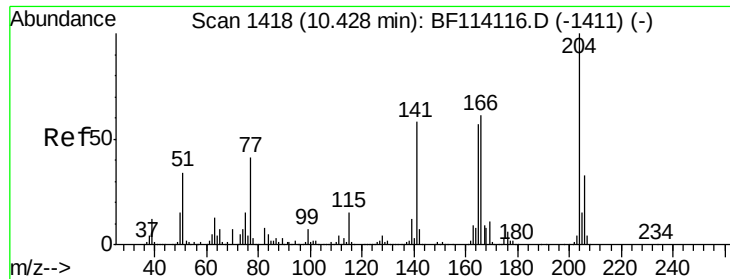
mohammad
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#60
Diethylphthalate
Concen: 32.939 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	774328		
177	24.4	17.8	26.6	
150	13.1	10.2	15.2	





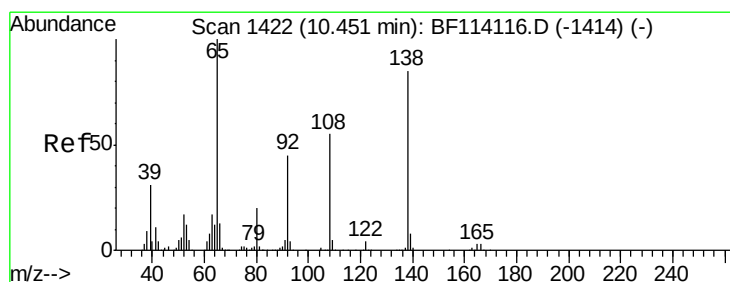
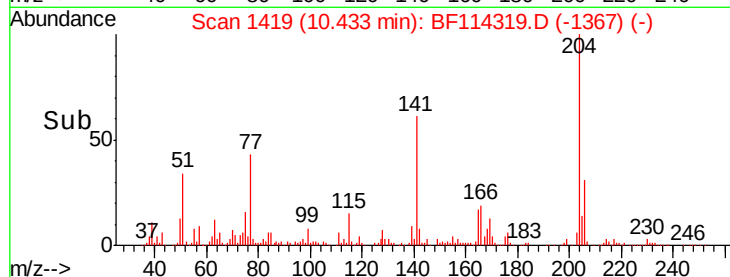
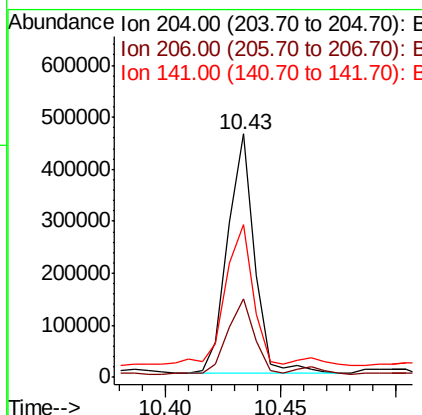
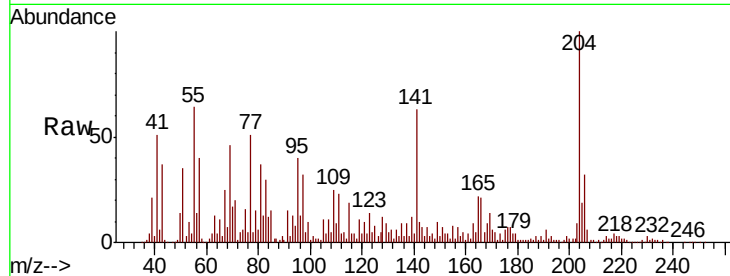
#61
4-Chlorophenyl-phenylether
Concen: 34.826 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.6	39.8
141	62.7	46.4	69.6

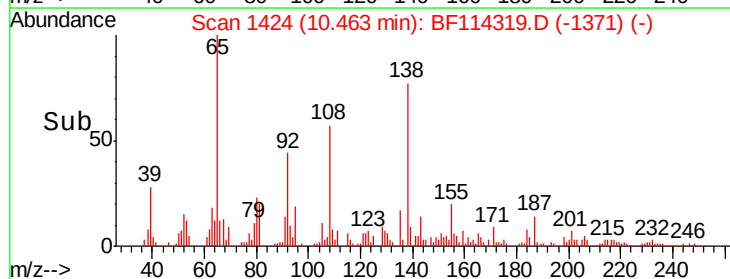
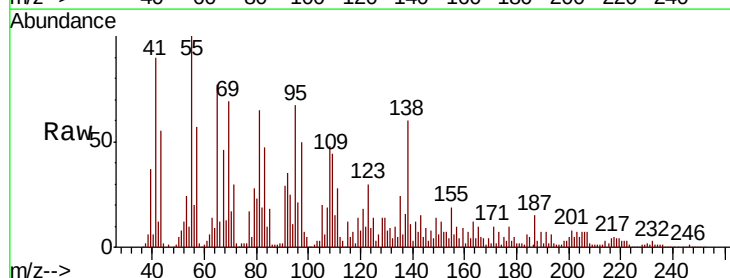
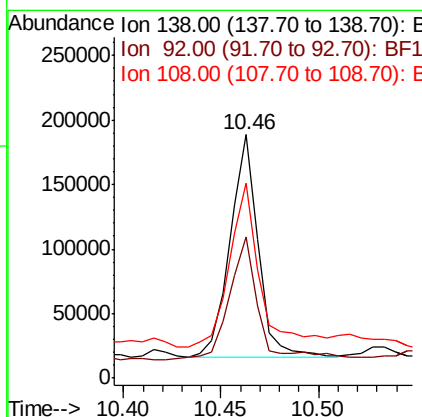
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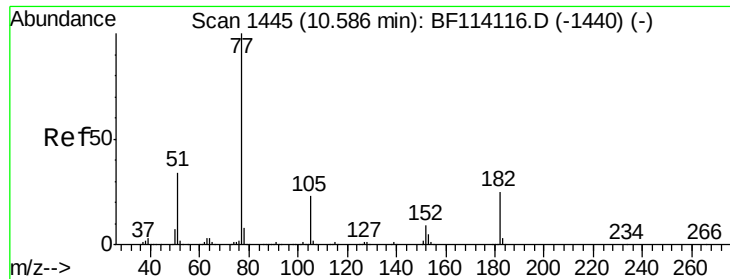
mohammad
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#62
4-Nitroaniline
Concen: 26.162 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.9	33.0	73.0
108	80.3	44.9	84.9





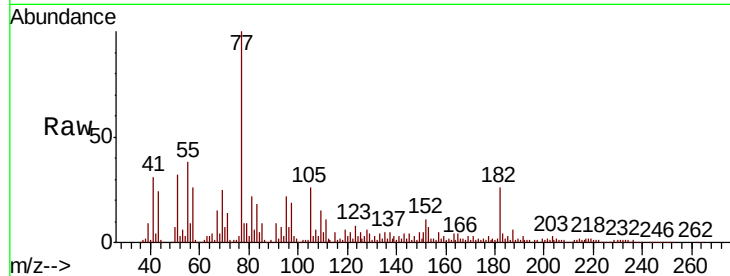
#63
Azobenzene
Concen: 33.249 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

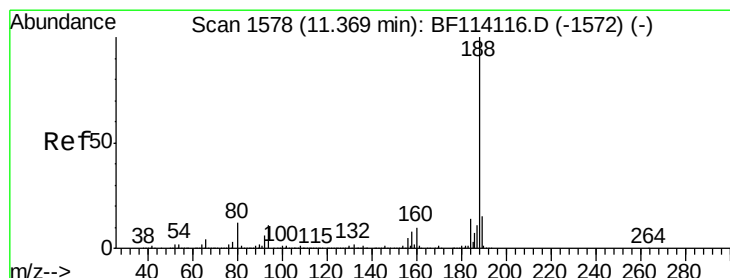
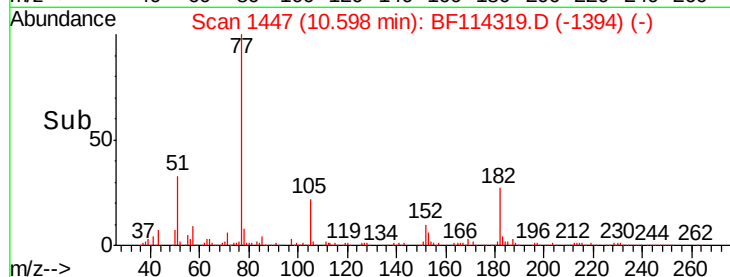
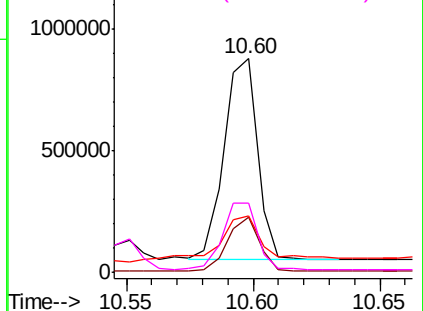
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	26.0	4.7	44.7		
105	26.4	2.9	42.9		
51	32.4	14.6	54.6		

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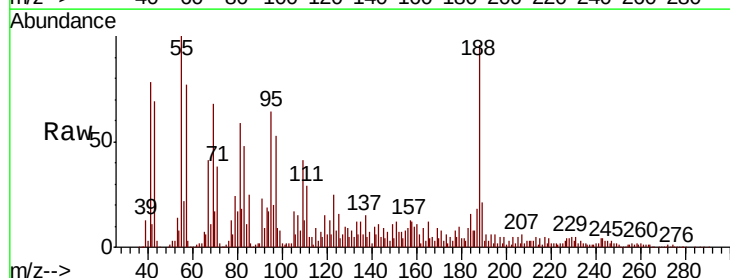


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

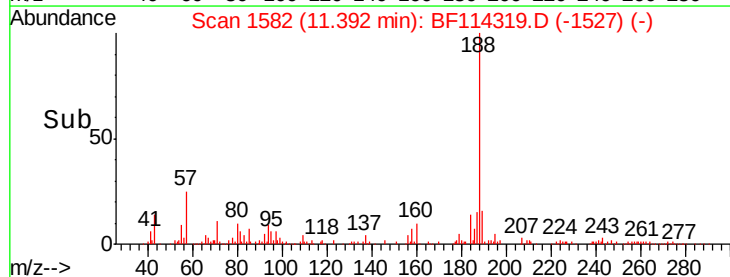
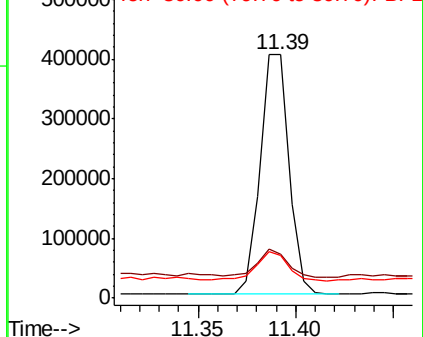


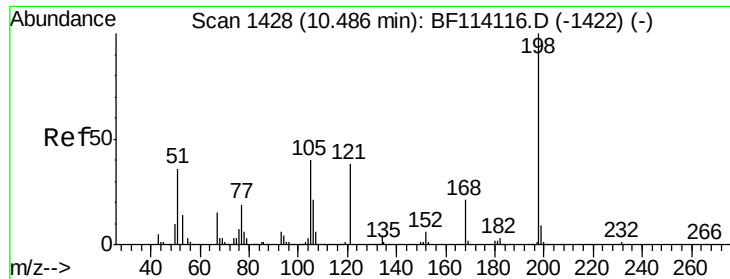
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.02 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	18.2	8.4	12.6#		
80	17.3	9.2	13.8#		



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





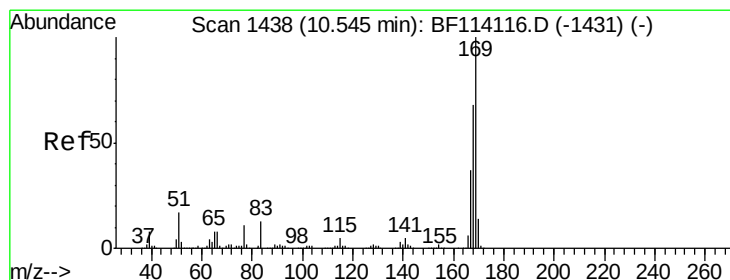
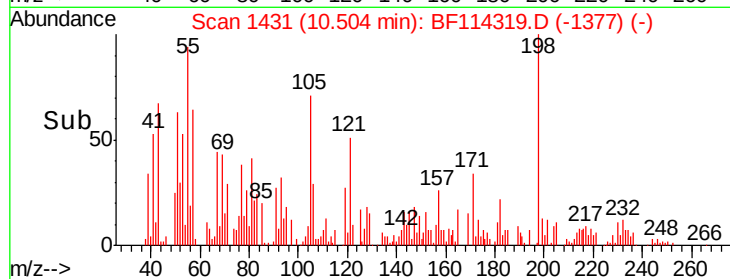
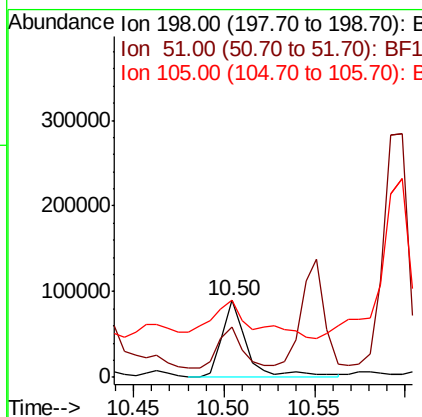
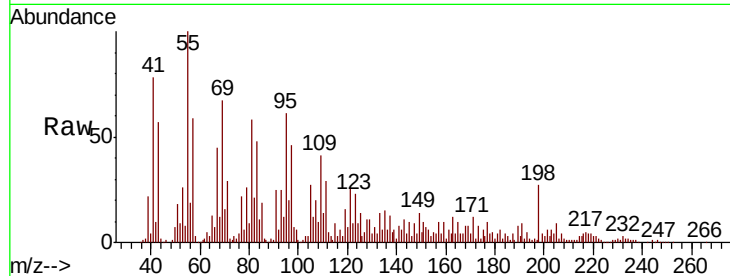
#65
4,6-Dinitro-2-methylphenol
Concen: 41.578 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.02 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	82294		
51	66.0	28.0	68.0	
105	100.1	21.1	61.1	

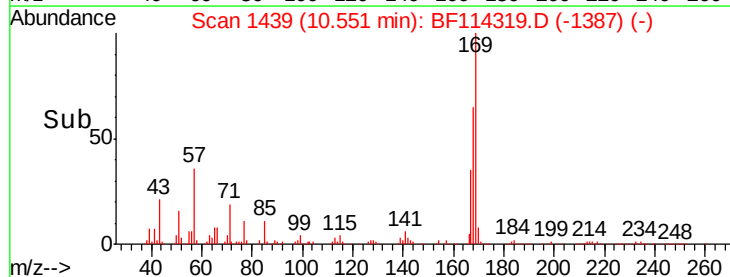
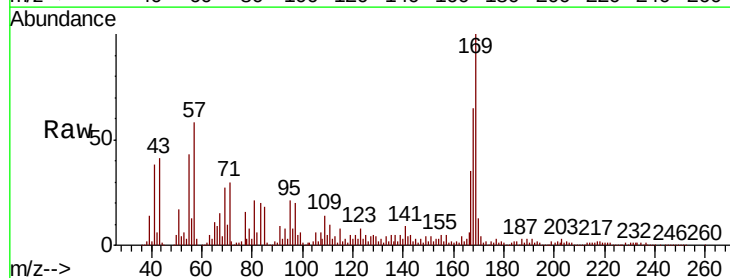
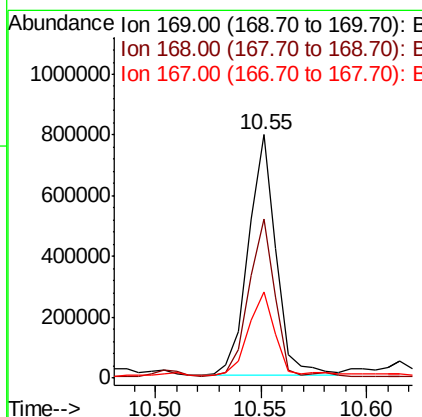
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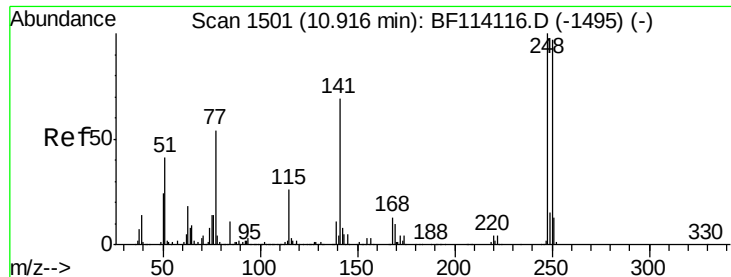
mohammad
5/17/2019 3:04:00 PM



#66
n-Nitrosodiphenylamine
Concen: 58.593 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	732499		
168	65.1	54.2	81.2	
167	35.3	29.8	44.8	





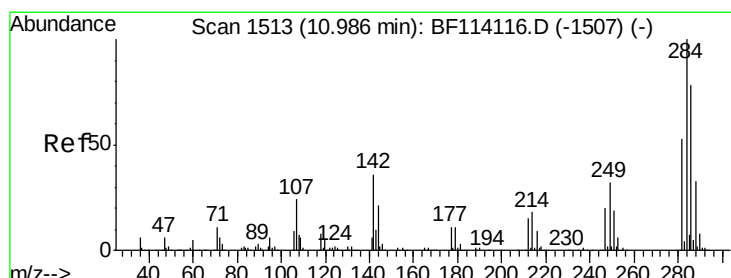
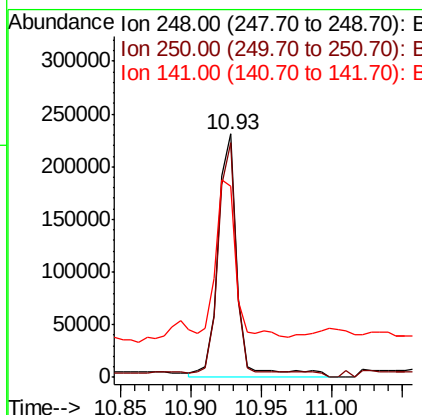
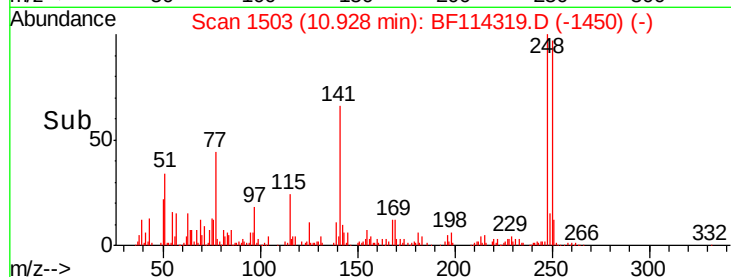
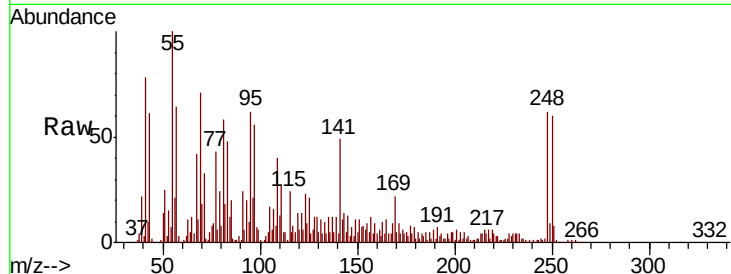
#67
4-Bromophenyl-phenylether
Concen: 49.436 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	77.4	116.2
141	78.3	55.6	83.4

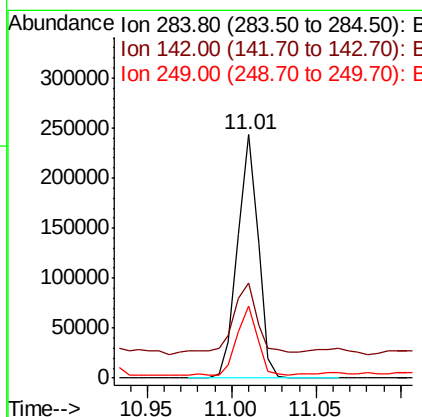
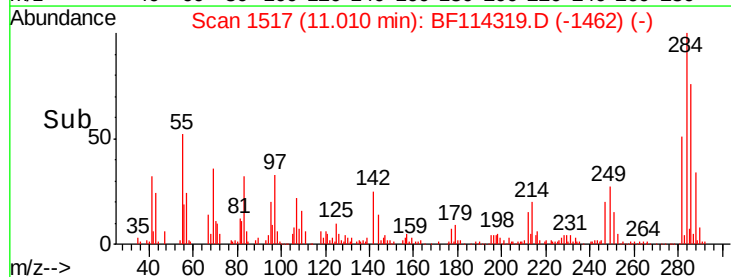
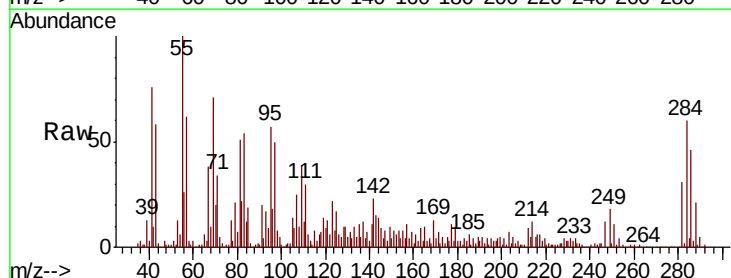
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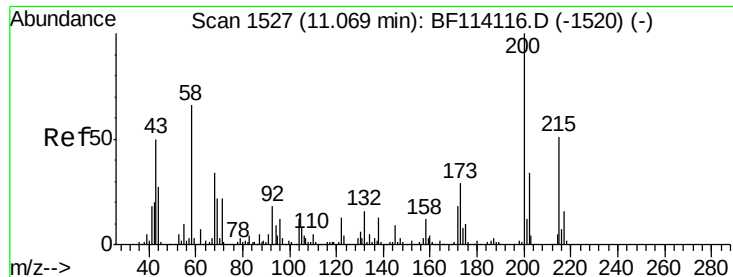
mohammad
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#68
Hexachlorobenzene
Concen: 41.252 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.02 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.9	28.4	42.6
249	29.6	25.2	37.8





#69

Atrazine

Concen: 45.440 ng

RT: 11.09 min Scan# 1530

Delta R.T. 0.02 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

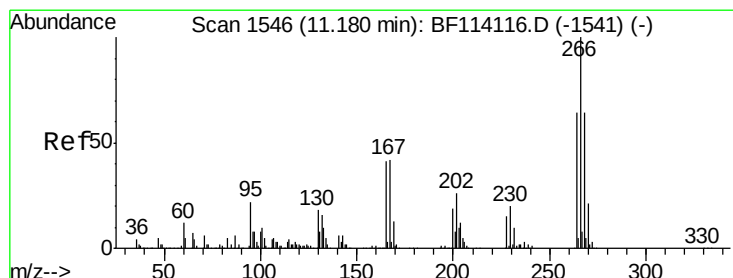
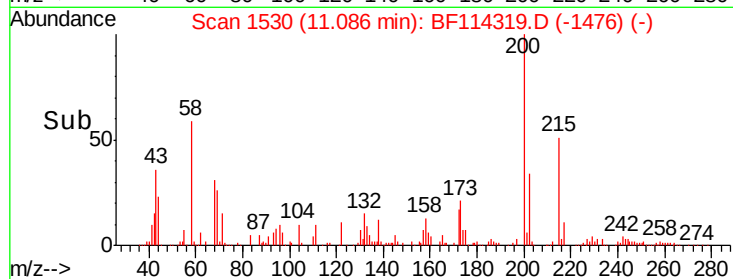
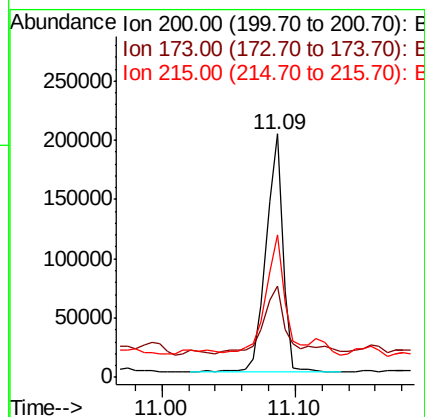
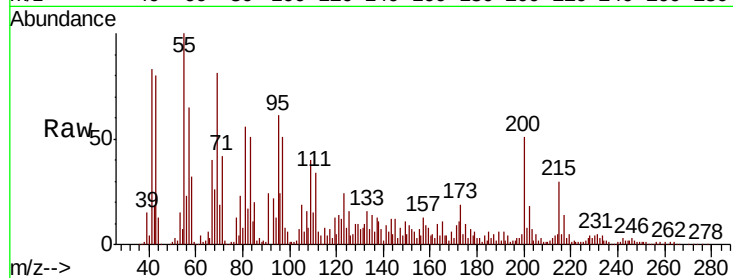
ClientSampleId :

RO-COMP-1MSD

Tot Ion:	200	Resp:	176780
Ion Ratio	Lower	Upper	
200	100		
173	37.7	8.9	48.9
215	58.7	30.7	70.7

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#70

Pentachlorophenol

Concen: 64.866 ng

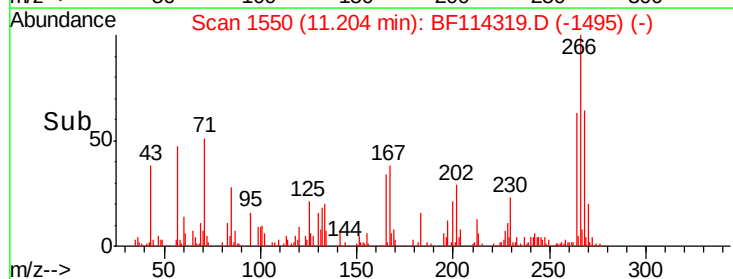
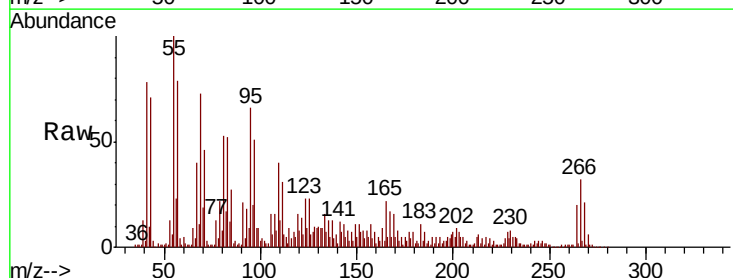
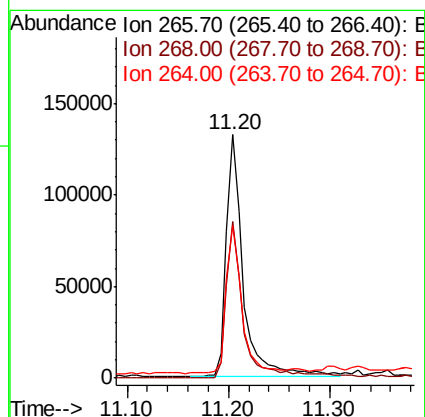
RT: 11.20 min Scan# 1550

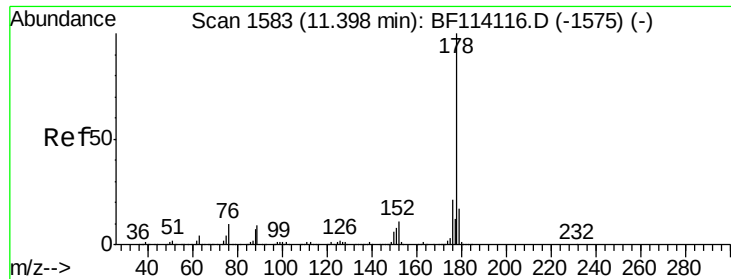
Delta R.T. 0.02 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Tgt Ion:	266	Resp:	154275
Ion Ratio	Lower	Upper	
266	100		
268	64.3	51.1	76.7
264	62.9	51.1	76.7





#71

Phenanthrene

Concen: 45.268 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.02 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

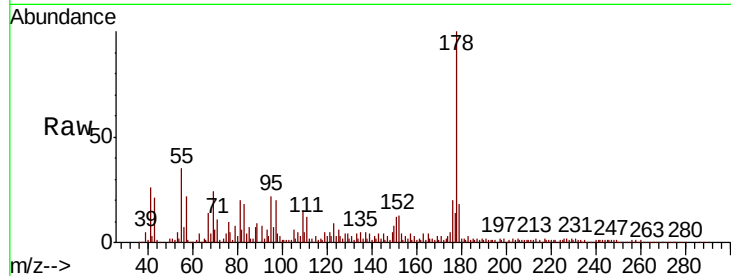
ClientSampleId :

RO-COMP-1MSD

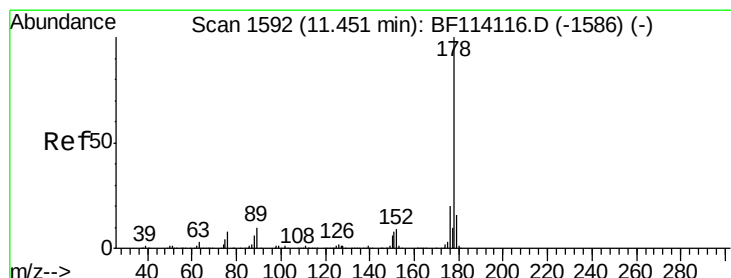
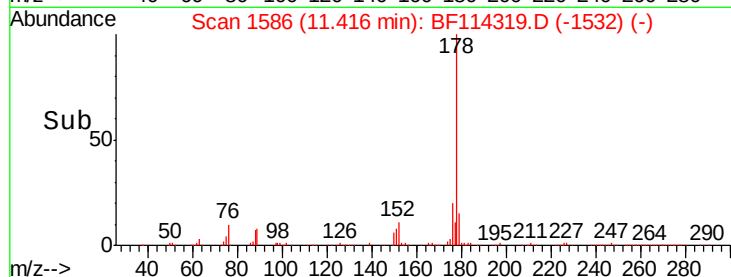
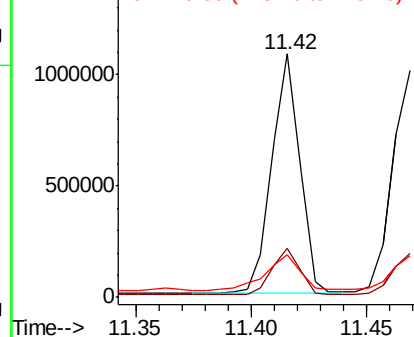
Tot Ion:	178	Resp:	907163
Ion Ratio	Lower	Upper	
178	100		
176	20.3	16.4	24.6
179	17.8	13.2	19.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.216 ng

RT: 11.47 min Scan# 1595

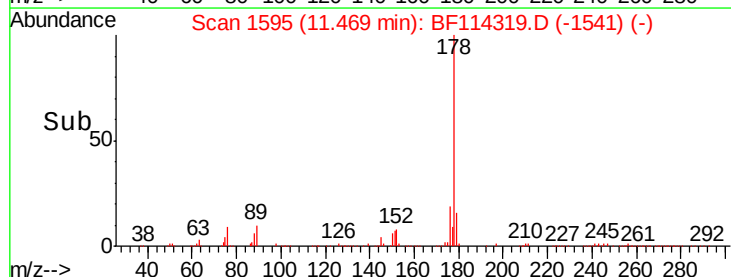
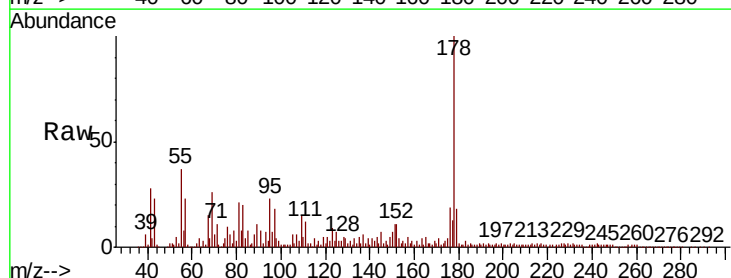
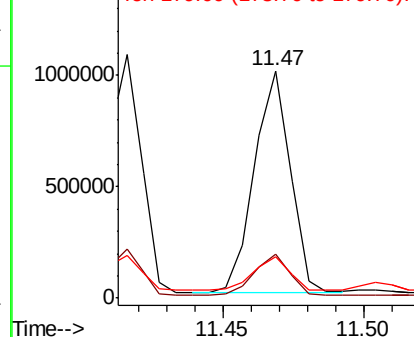
Delta R.T. 0.02 min

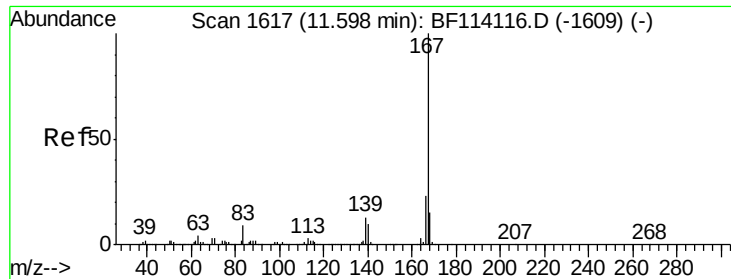
Lab File: BF114319.D

Acq: 16 May 2019 19:46

Tgt Ion:	178	Resp:	889978
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.8	23.8
179	18.1	13.0	19.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





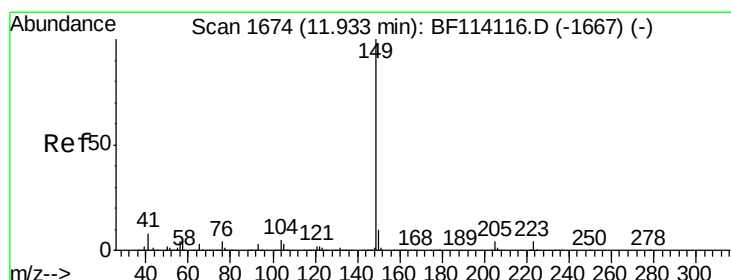
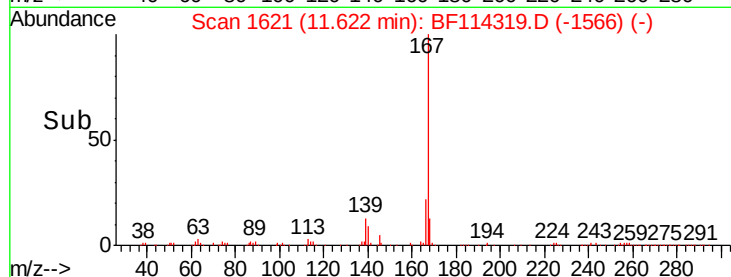
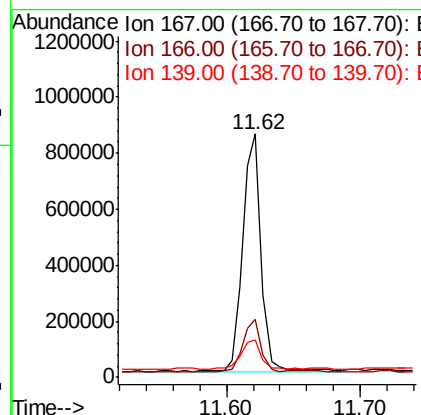
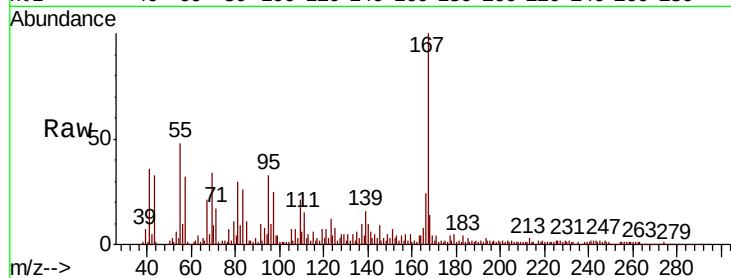
#73
 Carbazole
 Concen: 42.630 ng
 RT: 11.62 min Scan# 1621
 Delta R.T. 0.02 min
 Lab File: BF114319.D
 Acq: 16 May 2019 19:46

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MSD

Tot Ion:167	Resp:	818236
Ion Ratio	Lower	Upper
167	100	
166	23.9	18.2 27.2
139	15.6	10.6 16.0

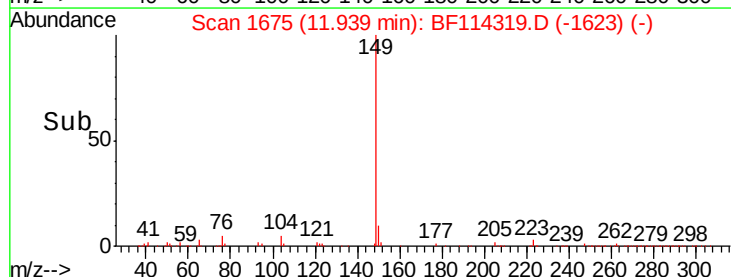
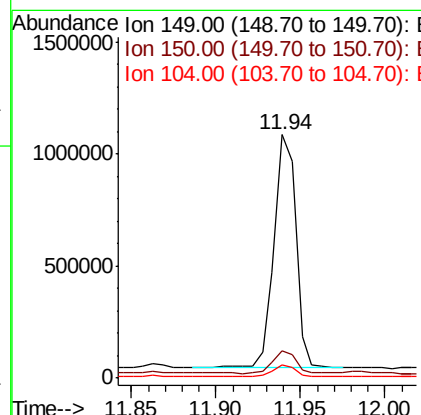
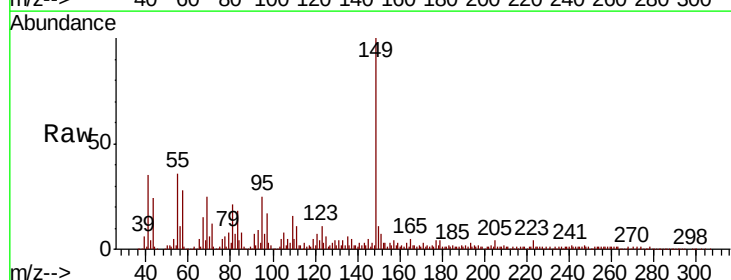
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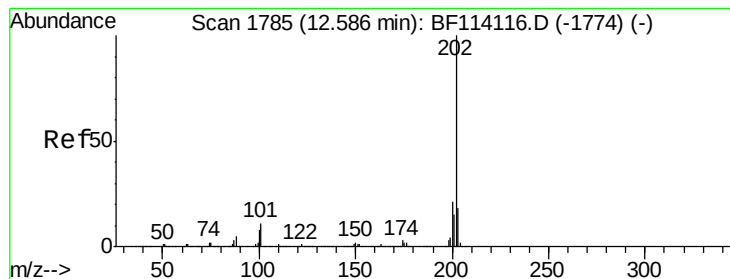
mohammad
 5/17/2019 3:04:00 PM



#74
 Di-n-butylphthalate
 Concen: 42.542 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.01 min
 Lab File: BF114319.D
 Acq: 16 May 2019 19:46

Tgt Ion:149	Resp:	940740
Ion Ratio	Lower	Upper
149	100	
150	11.3	7.7 11.5
104	5.2	3.6 5.4





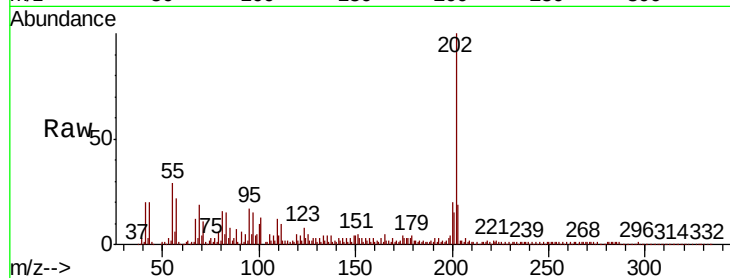
#75
Fluoranthene
Concen: 43.852 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.02 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.8	0.0	31.0
203	19.4	0.0	38.4

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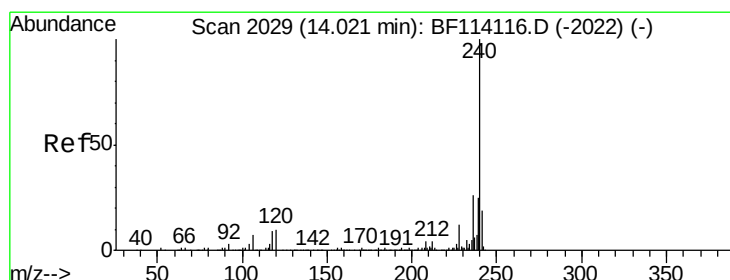
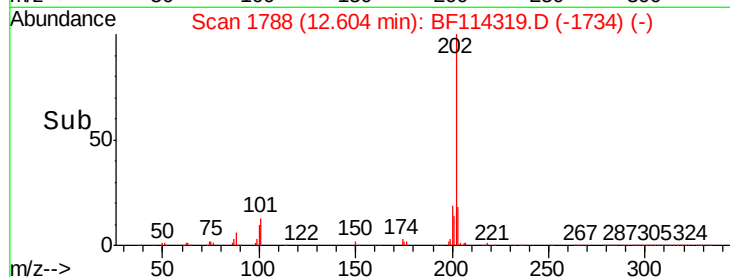
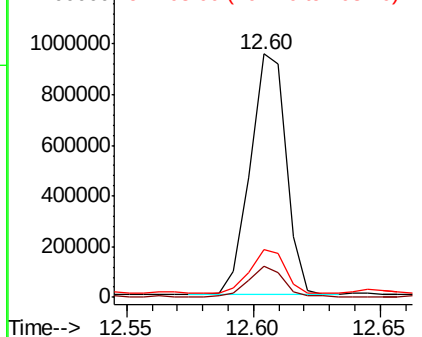


Abundance

Ion 202.00 (201.70 to 202.70): E

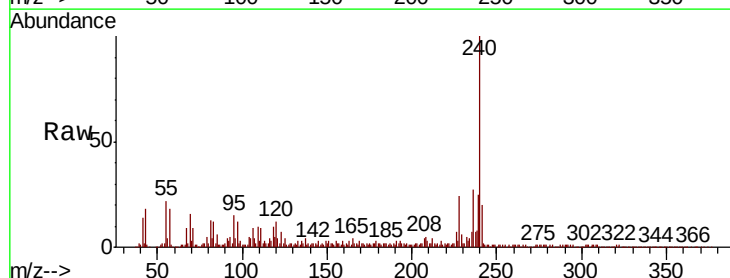
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.5	8.3	12.5#
236	26.7	20.8	31.2

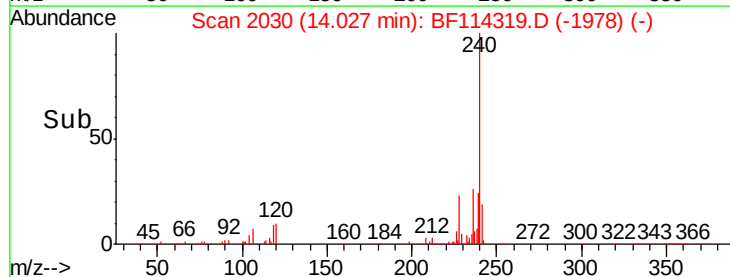
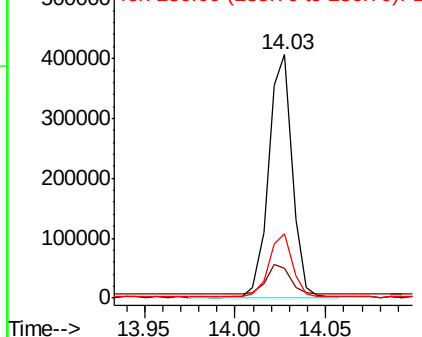


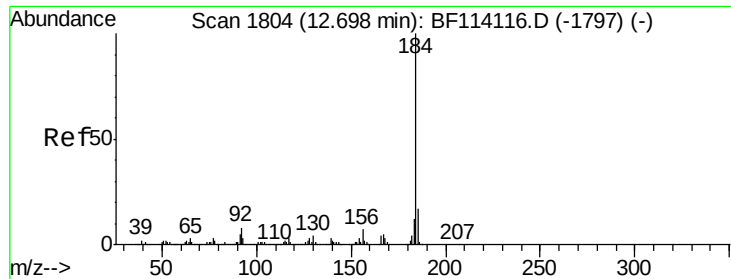
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.108 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.02 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

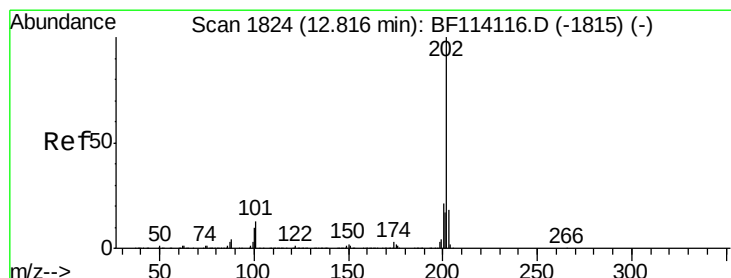
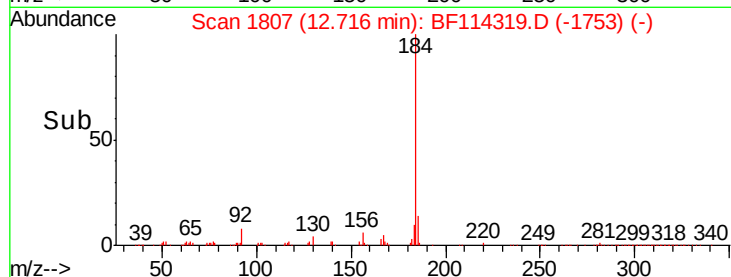
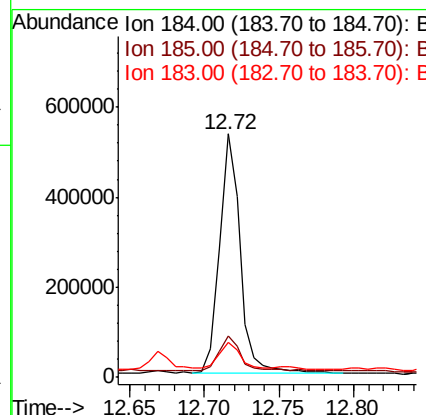
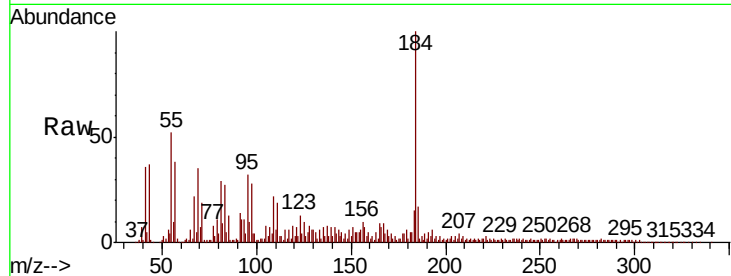
ClientSampleId :

RO-COMP-1MSD

Tot Ion:	184	Resp:	512839
Ion Ratio	Lower	Upper	
184	100		
185	16.9	13.6	20.4
183	14.6	9.2	13.8

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#78

Pyrene

Concen: 33.388 ng

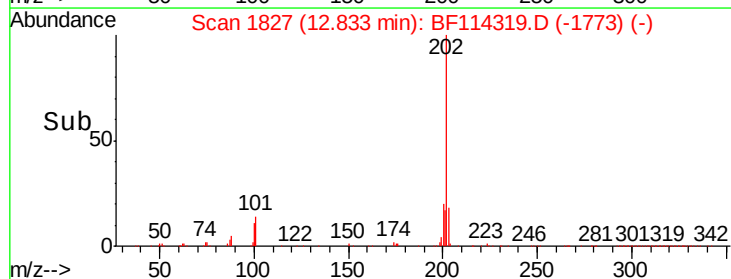
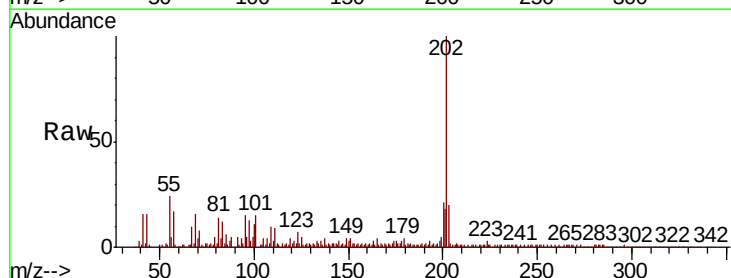
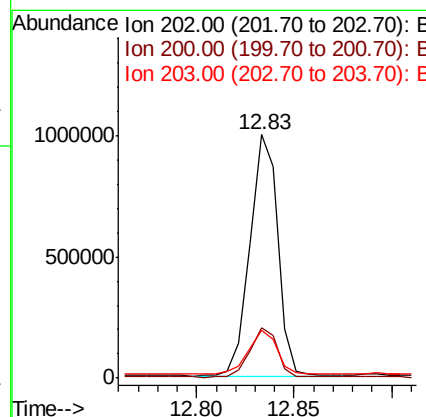
RT: 12.83 min Scan# 1827

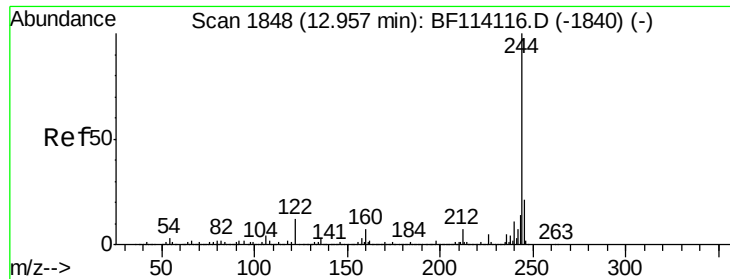
Delta R.T. 0.02 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Tgt Ion:	202	Resp:	986433
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.9	25.3
203	19.6	14.5	21.7





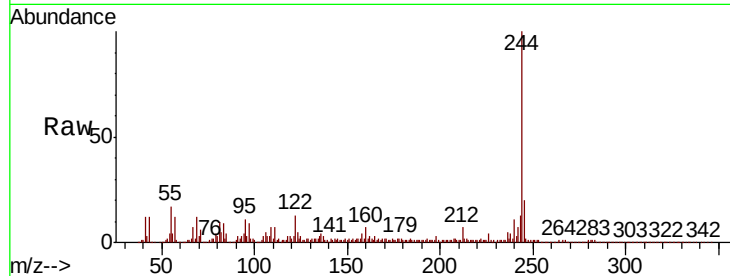
#79
 Terphenyl-d14
 Concen: 64.660 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.01 min
 Lab File: BF114319.D
 Acq: 16 May 2019 19:46

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	12.5	9.4	14.2

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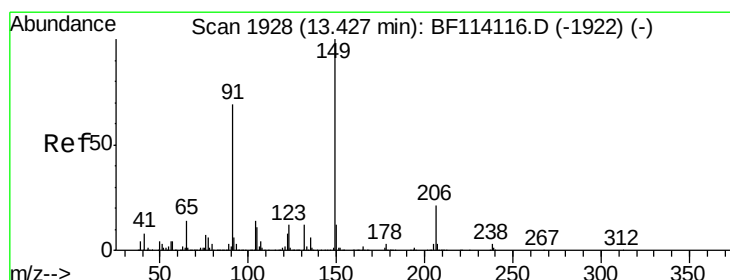
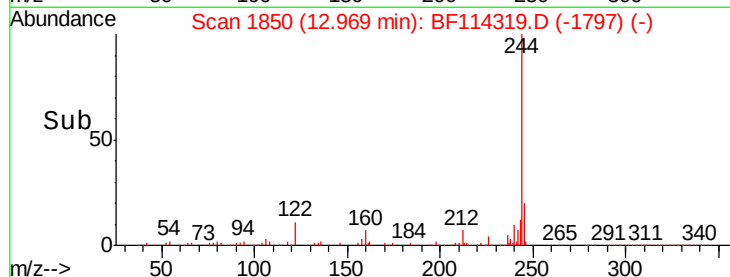
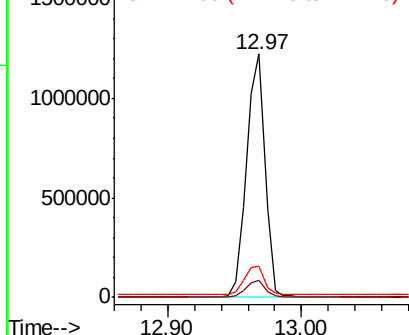


Abundance

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: 34.969 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. 0.01 min
 Lab File: BF114319.D
 Acq: 16 May 2019 19:46

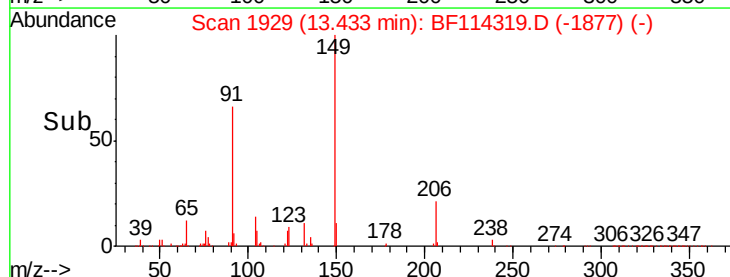
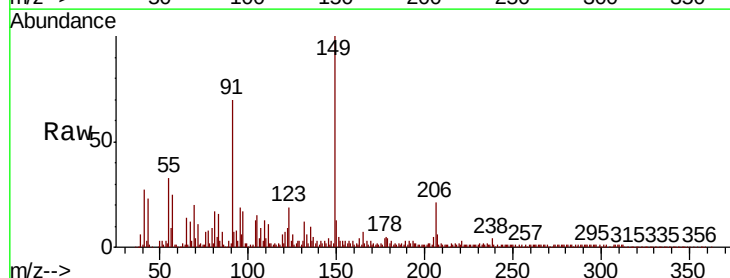
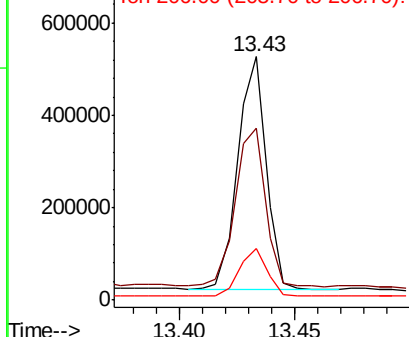
Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.5	55.0	82.4
206	21.3	16.9	25.3

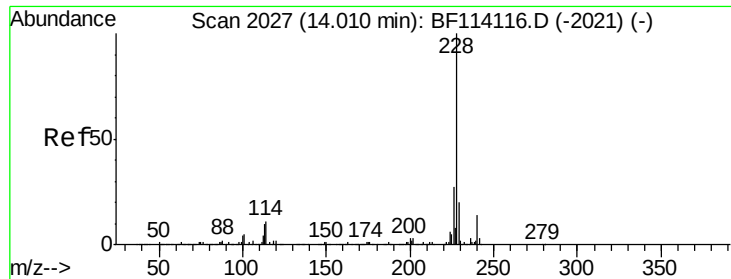
Abundance

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





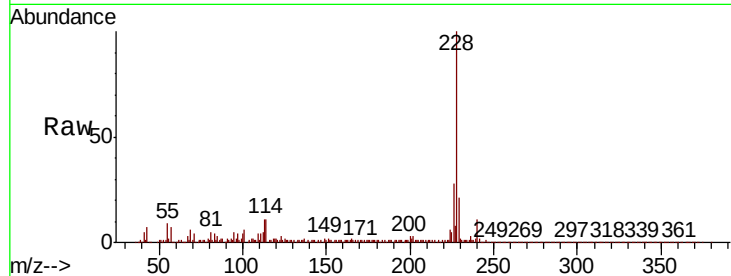
#81
Benzo(a)anthracene
Concen: 41.098 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	20.7	16.4	24.6

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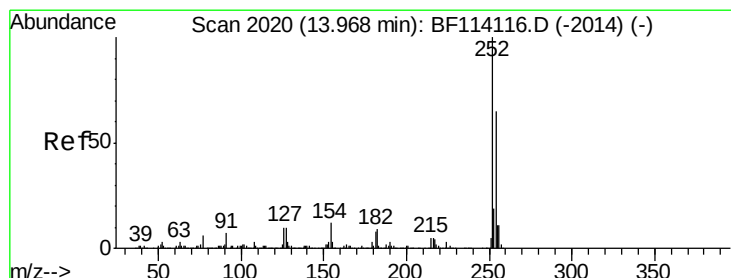
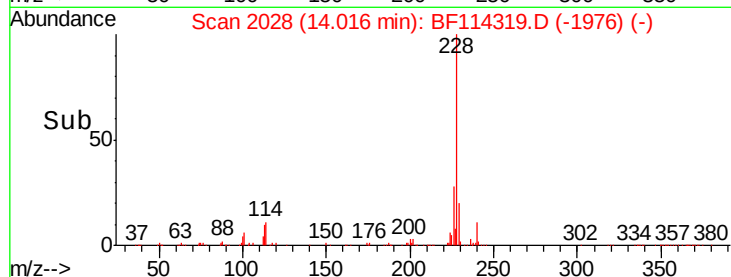
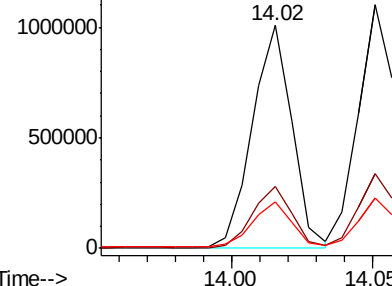


Abundance

Ion 228.00 (227.70 to 228.70): E

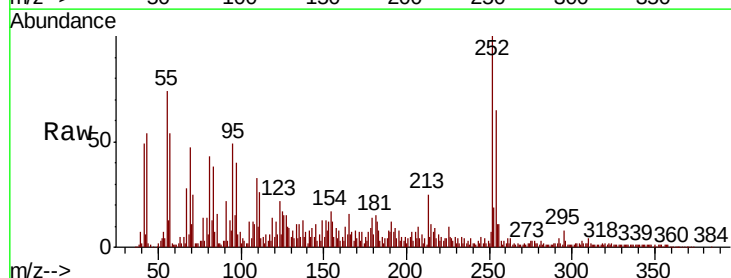
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 13.100 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.9	77.9
126	15.0	7.9	11.9

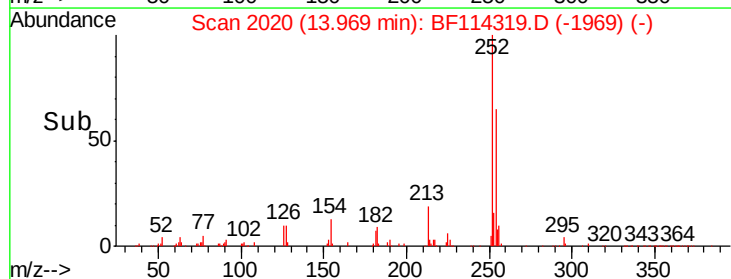
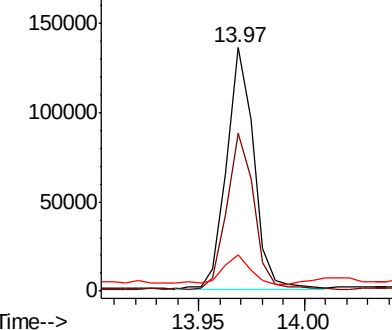


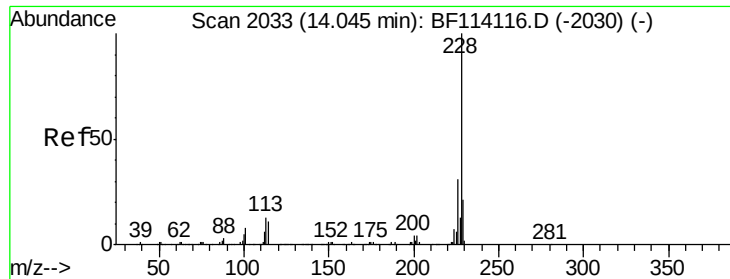
Abundance

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





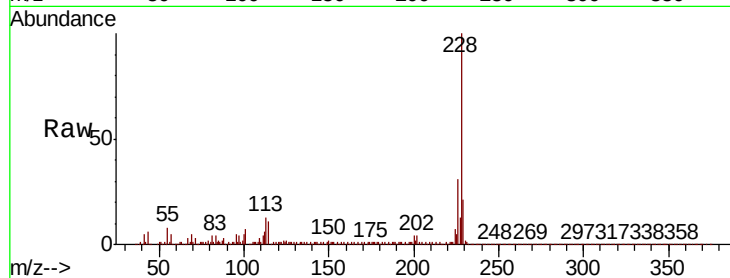
#83
Chrysene
Concen: 41.835 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

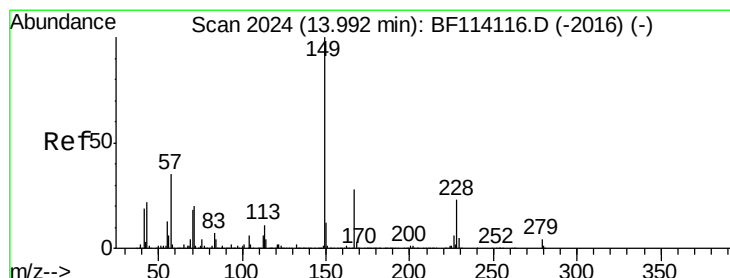
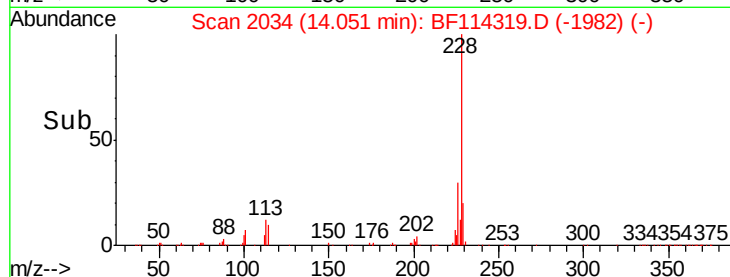
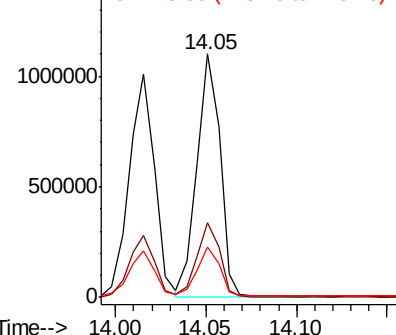
Tot Ion:228	Resp:	974170
Ion Ratio	Lower	Upper
228 100		
226 30.6	25.0	37.6
229 20.5	17.0	25.6

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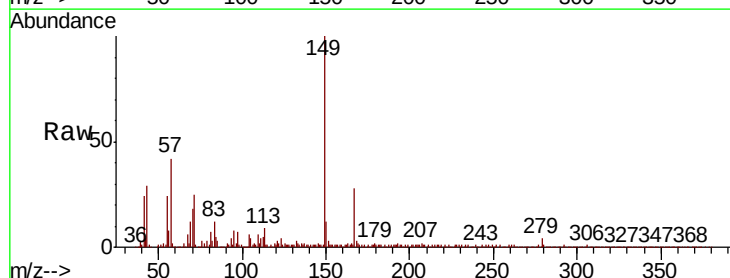


Abundance Ion 228.00 (227.70 to 228.70): E
1500000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

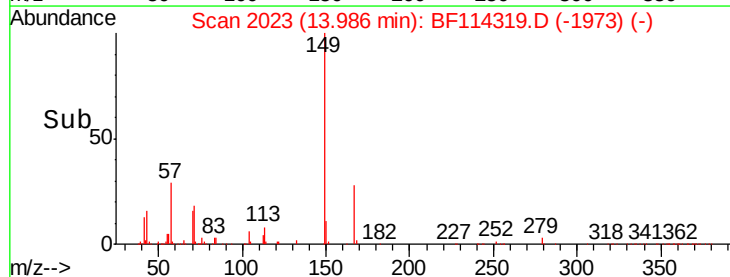
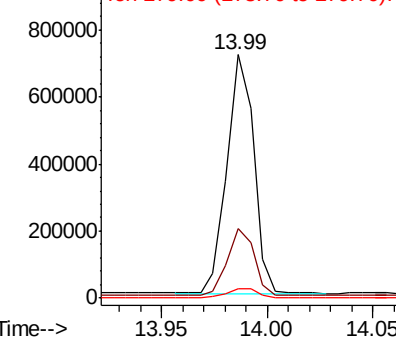


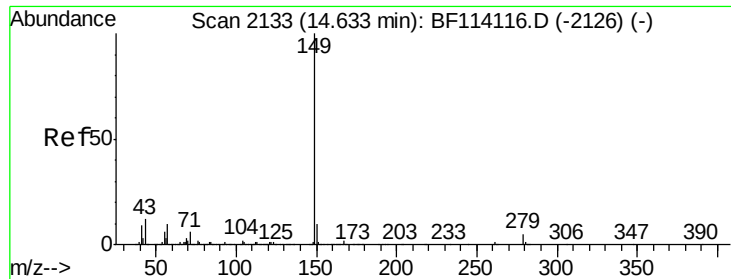
#84
Bis(2-ethylhexyl)phthalate
Concen: 38.717 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion:149	Resp:	629700
Ion Ratio	Lower	Upper
149 100		
167 28.3	22.6	33.8
279 3.9	3.0	4.6



Abundance Ion 149.00 (148.70 to 149.70): E
1000000 Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





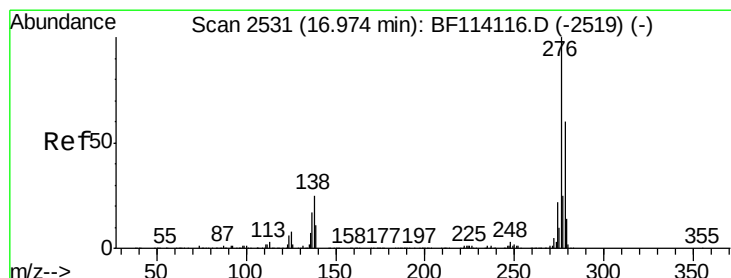
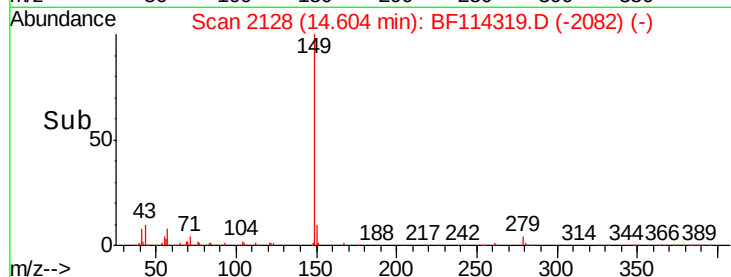
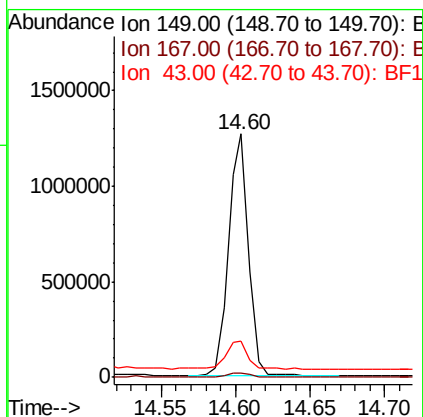
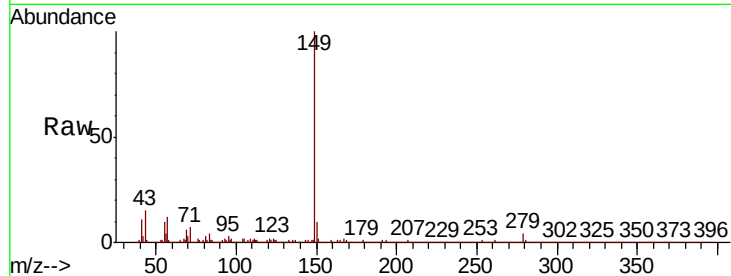
#85
Di-n-octyl phthalate
Concen: 44.748 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.03 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	13.5	10.1	15.1

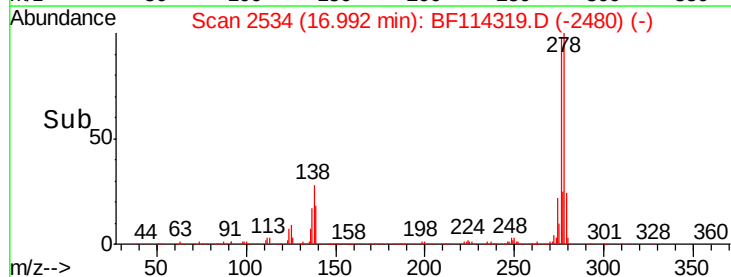
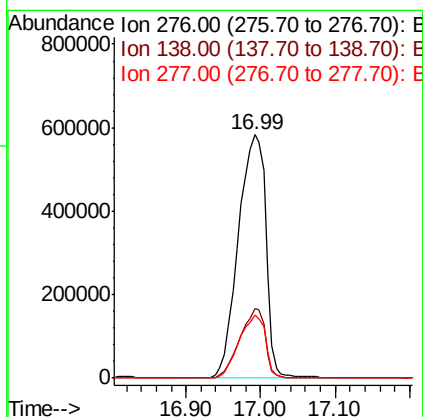
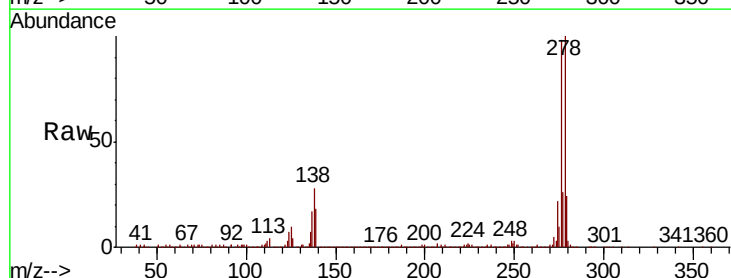
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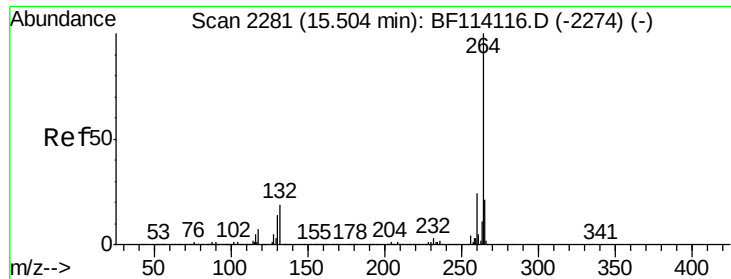
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 72.468 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.02 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.2	30.2
277	24.8	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

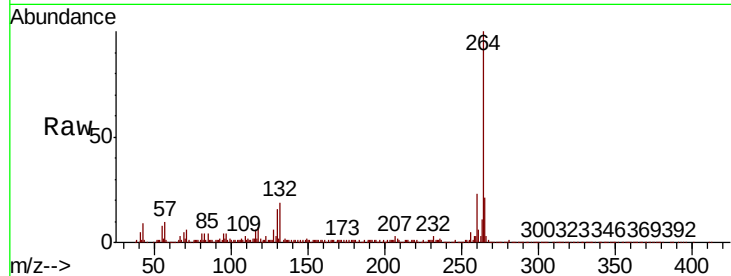
ClientSampleId :

RO-COMP-1MSD

Tot Ion:	264	Resp:	521952
Ion Ratio	Lower	Upper	
264	100		
260	22.7	19.4	29.0
265	21.2	16.9	25.3

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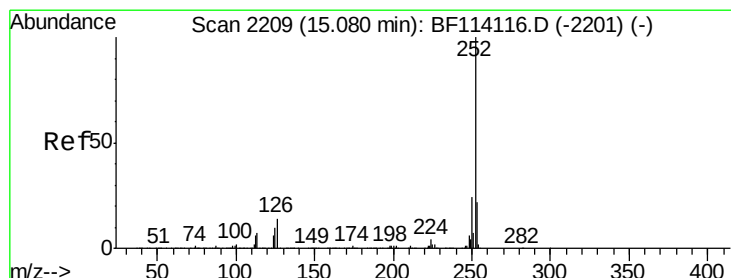
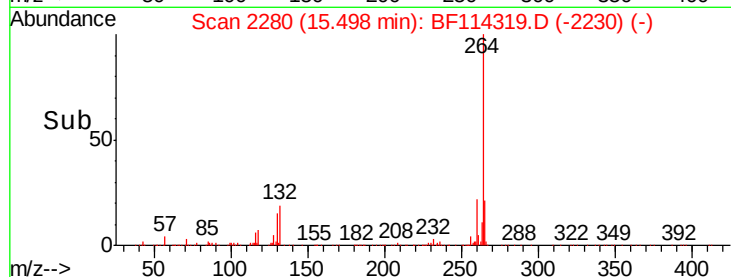
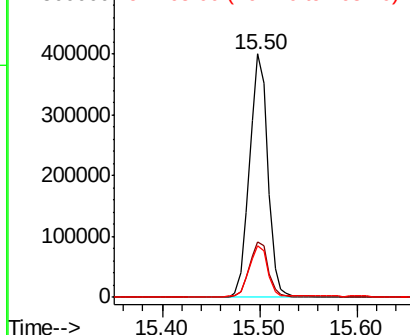


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.314 ng

RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

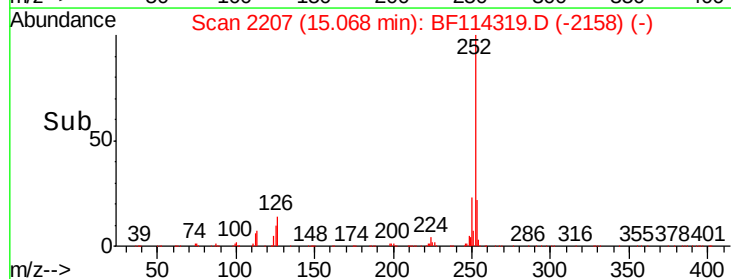
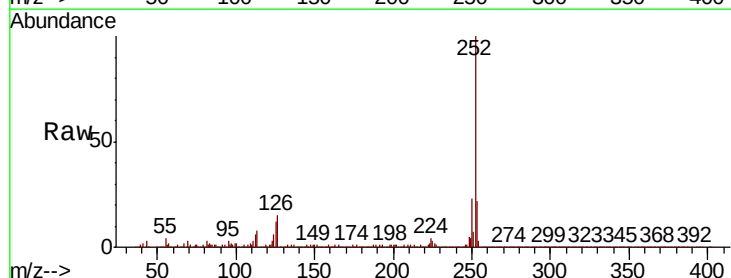
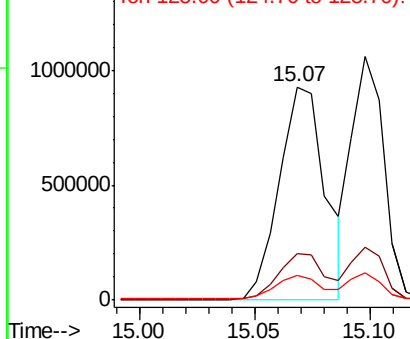
Tgt Ion:	252	Resp:	1281178
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.8
125	11.6	8.3	12.5

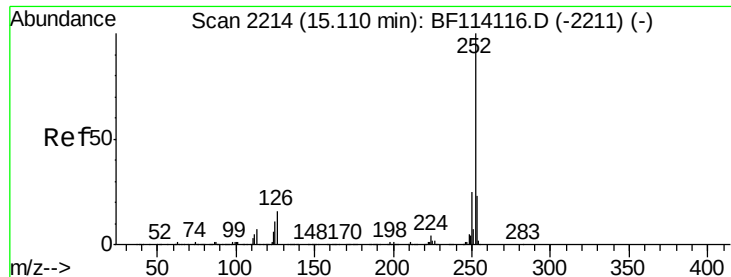
Abundance

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





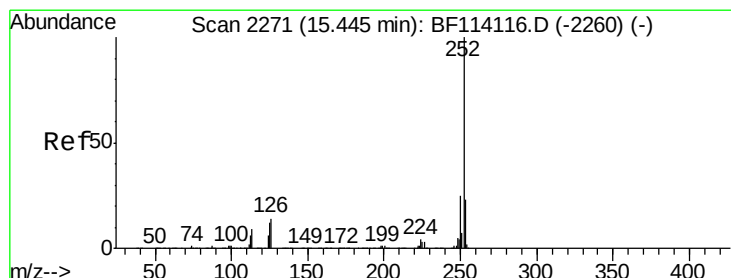
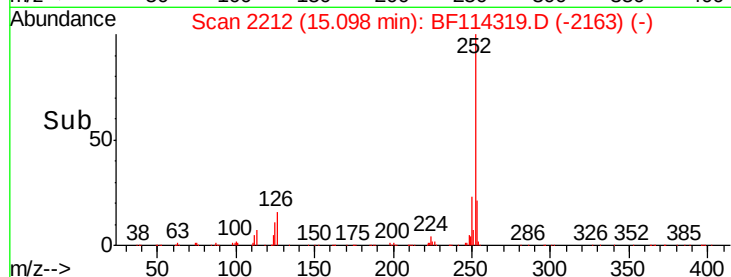
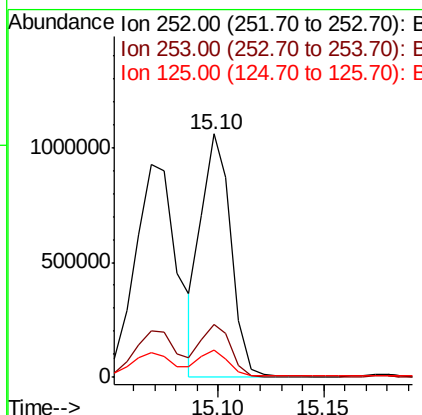
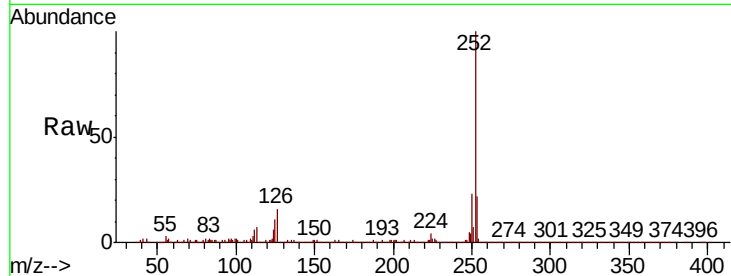
#89
Benzo(k)fluoranthene
Concen: 33.612 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Instrument :
BNA_F
ClientSampleId :
RO-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	11.5	8.6	13.0

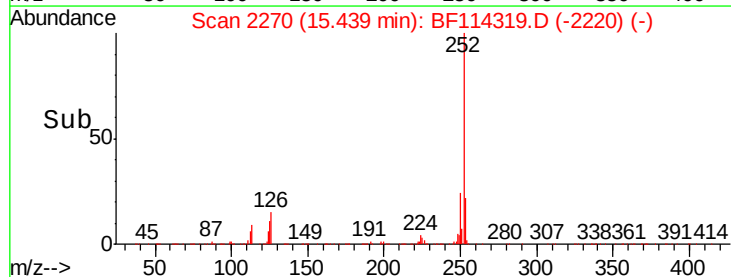
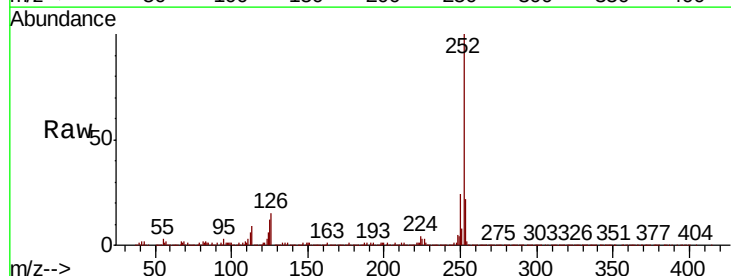
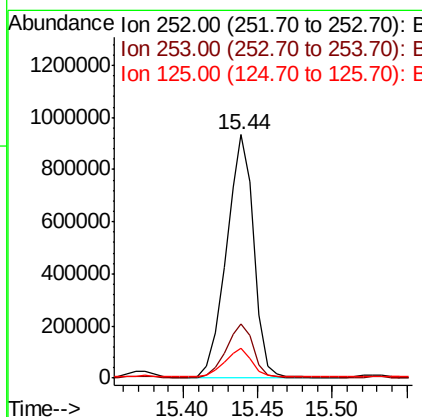
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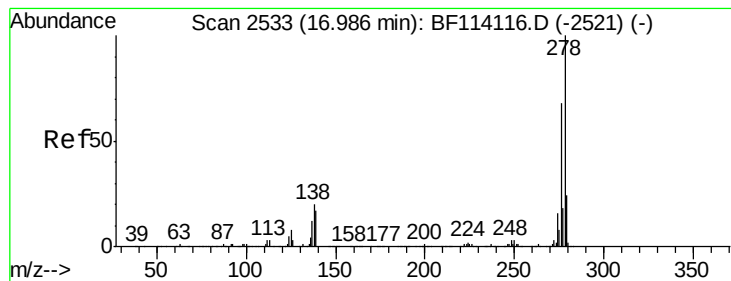
mohammad
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#90
Benzo(a)pyrene
Concen: 40.457 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF114319.D
Acq: 16 May 2019 19:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.0	9.5	14.3





#91

Dibenzo(a,h)anthracene

Concen: 49.089 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

Instrument :

BNA_F

ClientSampleId :

RO-COMP-1MSD

Tot Ion:278 Resp: 1200434

Ion Ratio Lower Upper

278 100

139 17.3 13.5 20.3

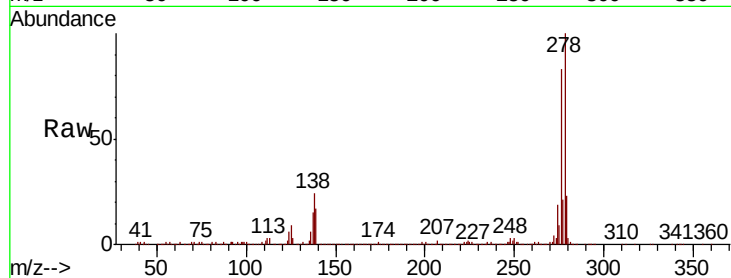
279 23.5 19.0 28.6

Manual Integrations

APPROVED

mohammad

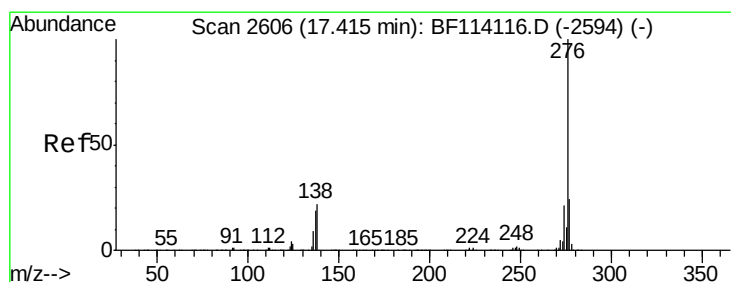
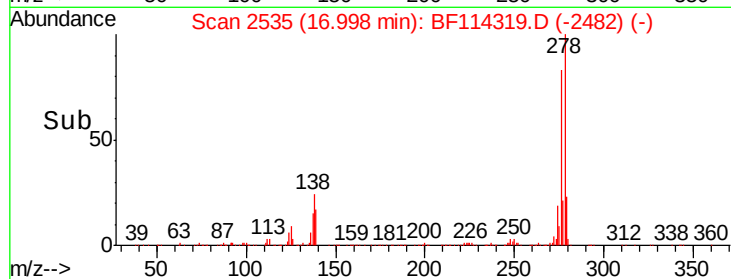
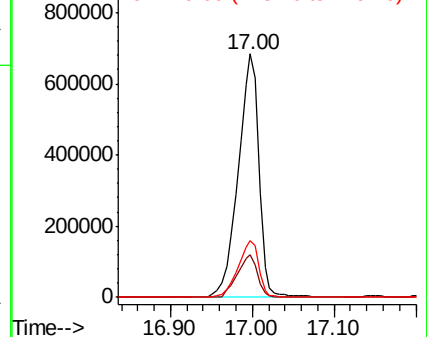
5/17/2019 3:04:00 PM



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



#92

Benzo(g,h,i)perylene

Concen: 53.122 ng

RT: 17.44 min Scan# 2610

Delta R.T. 0.02 min

Lab File: BF114319.D

Acq: 16 May 2019 19:46

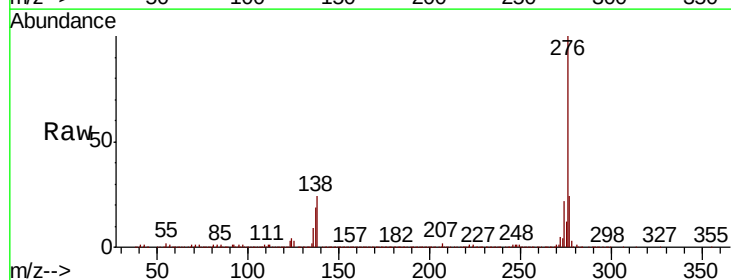
Tgt Ion:276 Resp: 1301862

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 23.6 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

