

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116024.D
 Acq On : 6 Aug 2019 20:15
 Operator : HP/JU
 Sample : K4129-15MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMS

Manual Integrations
 APPROVED

mohammad
 8/7/2019 4:42:06 PM

Quant Time: Aug 07 04:54:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	129481	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	498949	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	268180	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	475592	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	338809	20.00	ng	-0.02
87) Perylene-d12	15.47	264	374014	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	935429	120.94	ng	0.02
7) Phenol-d6	6.49	99	1161513	119.03	ng	0.00
23) Nitrobenzene-d5	7.41	82	863914	99.95	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	358051	137.71	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1510058	105.47	ng	-0.02
79) Terphenyl-d14	12.94	244	1619000	100.69	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.80	88	148211	37.931	ng	# 86
3) Pyridine	3.51	79	284959	26.107	ng	98
4) n-Nitrosodimethylamine	3.43	42	174173	40.435	ng	96
6) Aniline	6.52	93	129159	9.242	ng	# 83
8) 2-Chlorophenol	6.63	128	382886	44.767	ng	95
9) Benzaldehyde	6.40	77	189709	28.175	ng	98
10) Phenol	6.50	94	424636	36.952	ng	99
11) bis(2-Chloroethyl)ether	6.58	93	387750	45.894	ng	99
12) 1,3-Dichlorobenzene	6.79	146	425644	43.062	ng	98
13) 1,4-Dichlorobenzene	6.86	146	431852	43.635	ng	98
14) 1,2-Dichlorobenzene	7.02	146	398480	43.726	ng	99
15) Benzyl Alcohol	6.99	79	334616	45.184	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	506077	43.915	ng	93
17) 2-Methylphenol	7.10	107	323066	44.609	ng	96
18) Hexachloroethane	7.36	117	159146	43.675	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	275645	45.583	ng	98
20) 3+4-Methylphenols	7.26	107	390829	45.604	ng	# 72
22) Acetophenone	7.25	105	547060	49.993	ng	98
24) Nitrobenzene	7.43	77	445122	47.692	ng	97
25) Isophorone	7.66	82	802772	48.569	ng	99
26) 2-Nitrophenol	7.74	139	214049	48.652	ng	99
27) 2,4-Dimethylphenol	7.78	122	348572	52.662	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	493668	48.188	ng	99
29) 2,4-Dichlorophenol	7.99	162	343849	49.200	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	372757	46.790	ng	99
31) Naphthalene	8.15	128	1144822	48.758	ng	100
32) Benzoic acid	7.90	122	100440	21.523	ng	99
33) 4-Chloroaniline	8.20	127	88933	8.477	ng	99
34) Hexachlorobutadiene	8.26	225	211771	46.150	ng	99
35) Caprolactam	8.56	113	78897m	34.904	ng	
36) 4-Chloro-3-methylphenol	8.69	107	354697	48.785	ng	99
37) 2-Methylnaphthalene	8.84	142	778648	50.355	ng	99
38) 1-Methylnaphthalene	8.93	142	729446	49.864	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	354426	49.435	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	182000	58.282	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	224781	45.549	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	241279	47.298	ng	96
46) 1,1'-Biphenyl	9.30	154	954982	50.439	ng	99
47) 2-Chloronaphthalene	9.33	162	747101	47.410	ng	99
48) 2-Nitroaniline	9.42	65	233172	44.766	ng	92
49) Acenaphthylene	9.74	152	1140933	49.628	ng	100
50) Dimethylphthalate	9.60	163	873622	47.843	ng	100
51) 2,6-Dinitrotoluene	9.66	165	192961	48.627	ng	88
52) Acenaphthene	9.91	154	678993	48.142	ng	100
53) 3-Nitroaniline	9.83	138	75226	15.342	ng	97
54) 2,4-Dinitrophenol	9.95	184	81800	44.384	ng	96
55) Dibenzofuran	10.09	168	1010659	49.275	ng	98
56) 4-Nitrophenol	10.01	139	244646	77.887	ng	96
57) 2,4-Dinitrotoluene	10.07	165	247274	46.802	ng	95
58) Fluorene	10.43	166	774694	49.092	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	202406	47.162	ng	98
60) Diethylphthalate	10.30	149	833870	48.913	ng	100
61) 4-Chlorophenyl-phenylether	10.42	204	387985	48.547	ng	99
62) 4-Nitroaniline	10.45	138	201961	39.856	ng	99
63) Azobenzene	10.57	77	867577	49.477	ng	100
65) 4,6-Dinitro-2-methylphenol	10.49	198	80658	32.003	ng	97
66) n-Nitrosodiphenylamine	10.54	169	694538	48.519	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	240933	47.323	ng	98
68) Hexachlorobenzene	10.98	284	268020	45.526	ng	99
69) Atrazine	11.06	200	220523	46.827	ng	99
70) Pentachlorophenol	11.17	266	207307	72.531	ng	98
71) Phenanthrene	11.39	178	1134222	46.650	ng	99
72) Anthracene	11.45	178	1171890	47.626	ng	99
73) Carbazole	11.60	167	1052571	47.150	ng	99
74) Di-n-butylphthalate	11.92	149	1304522	50.093	ng	100
75) Fluoranthene	12.58	202	1180146	46.365	ng	100
77) Benzidine	12.70	184	52994	4.630	ng	98
78) Pyrene	12.81	202	1190872	46.628	ng	100
80) Butylbenzylphthalate	13.42	149	544921	50.439	ng	98
81) Benzo(a)anthracene	13.99	228	987250	45.589	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	140660	18.696	ng	99
83) Chrysene	14.03	228	980251	46.625	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	765605	54.534	ng	100
85) Di-n-octyl phthalate	14.59	149	1219207	54.675	ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	1140101	64.566	ng	99
88) Benzo(b)fluoranthene	15.04	252	983214	45.465	ng	98
89) Benzo(k)fluoranthene	15.07	252	937154	44.491	ng	99
90) Benzo(a)pyrene	15.41	252	942326	48.745	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	950137	56.779	ng	98
92) Benzo(g,h,i)perylene	17.39	276	963329	58.617	ng	99

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

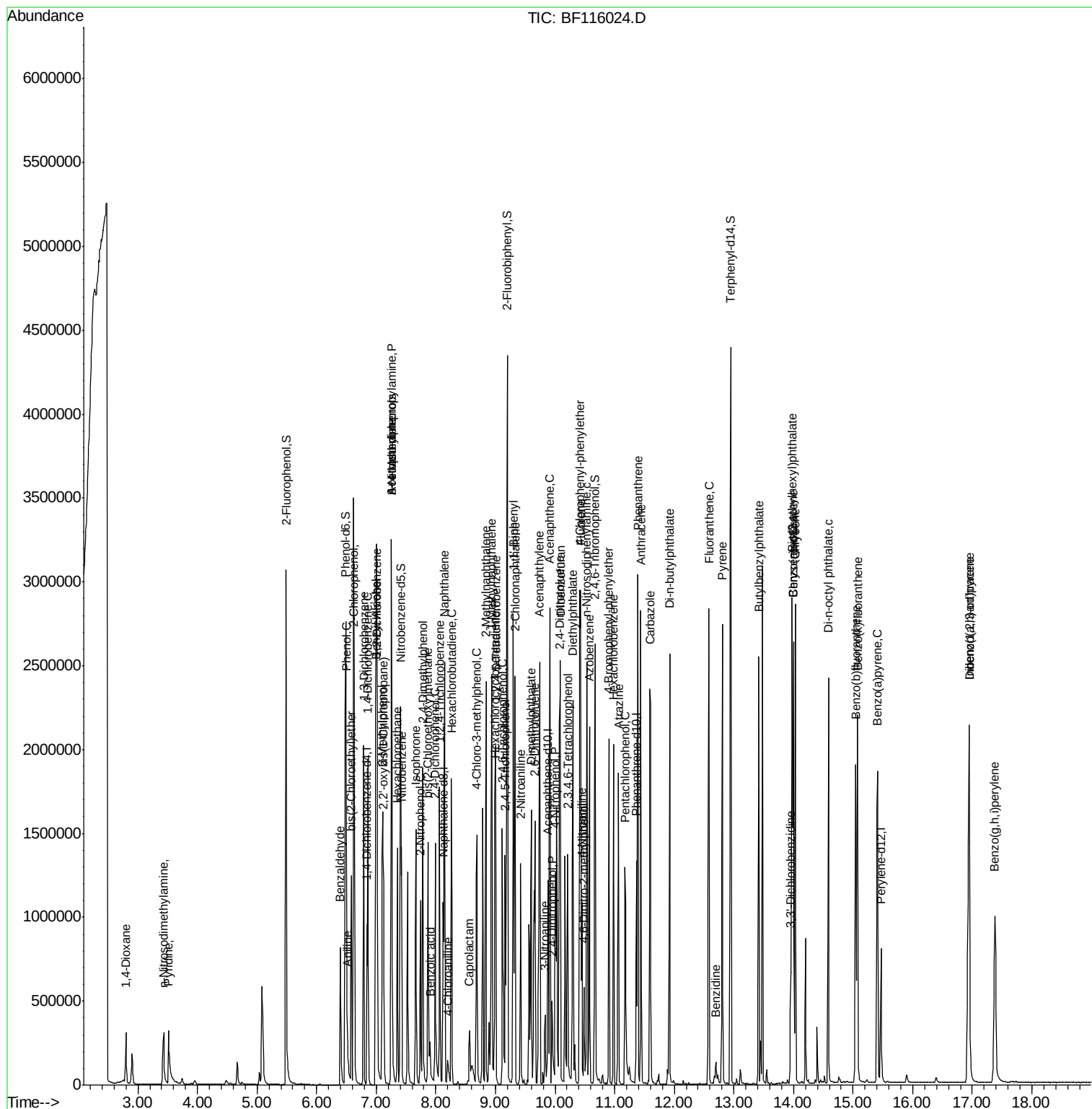
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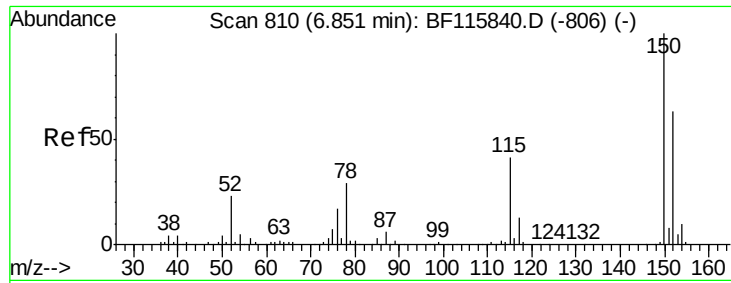
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#1

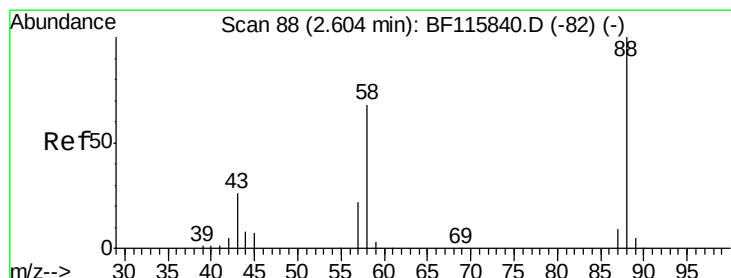
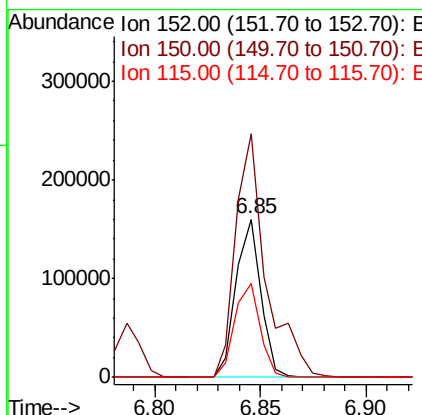
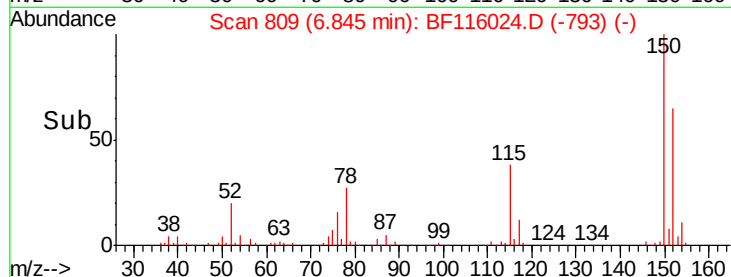
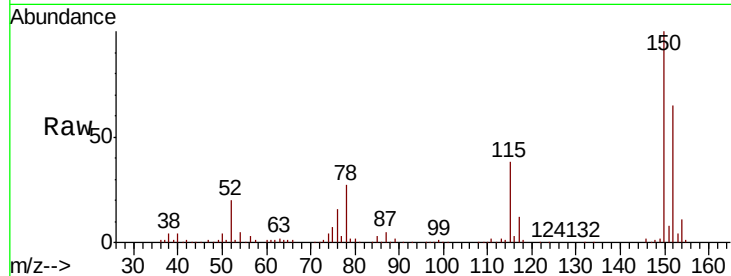
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	127.4	191.0
115	59.2	51.8	77.8

Manual Integrations
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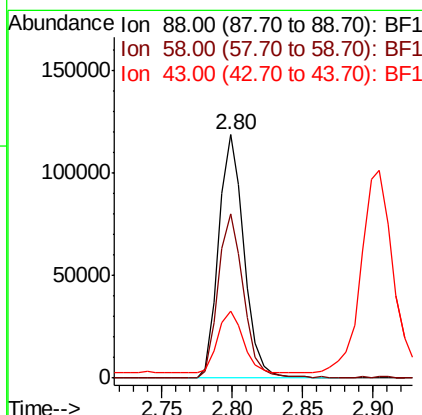
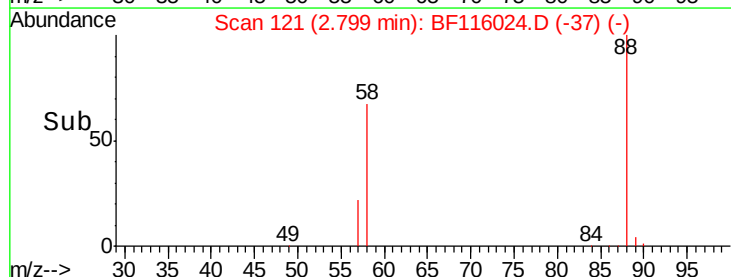
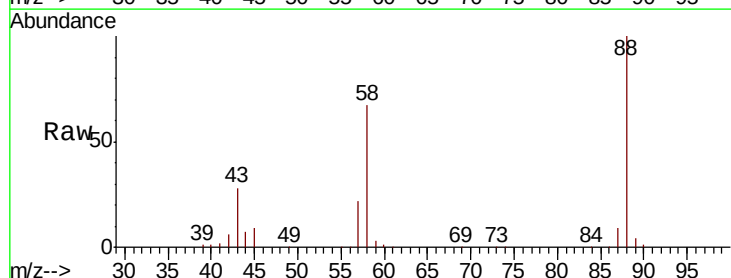
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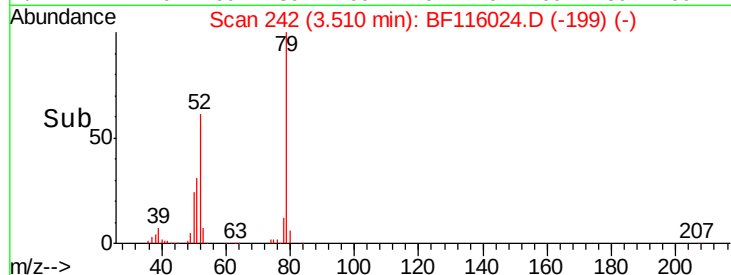
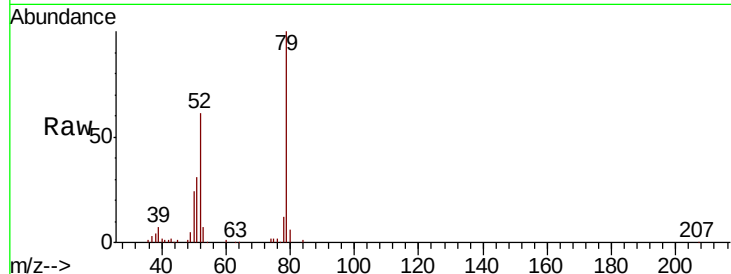
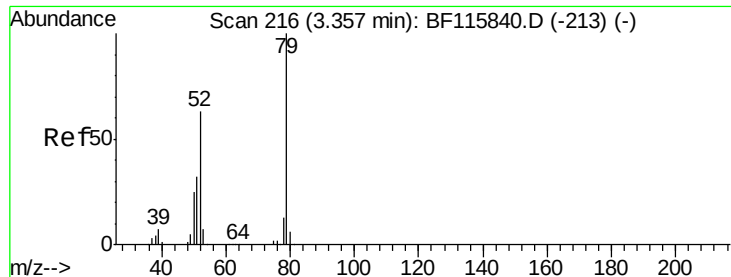


#2

1,4-Dioxane
Concen: 37.931 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.19 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.7	54.1	81.1
43	0.0	20.7	31.1#





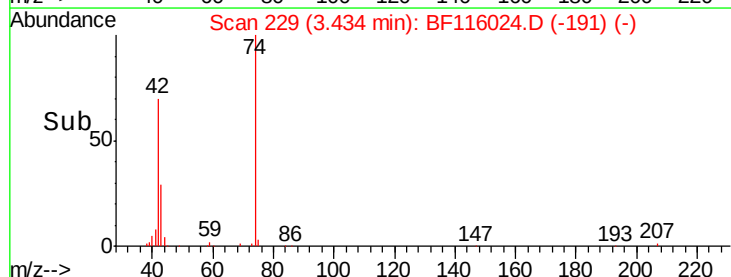
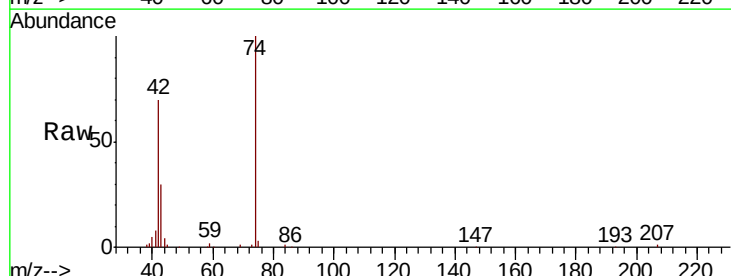
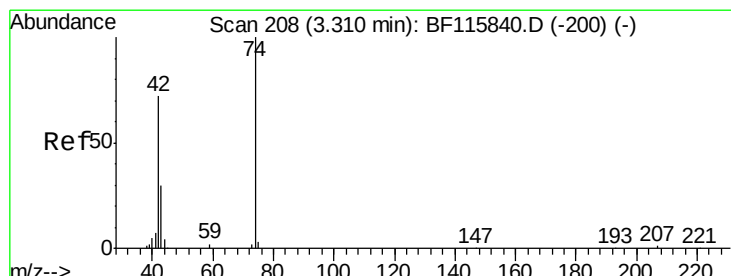
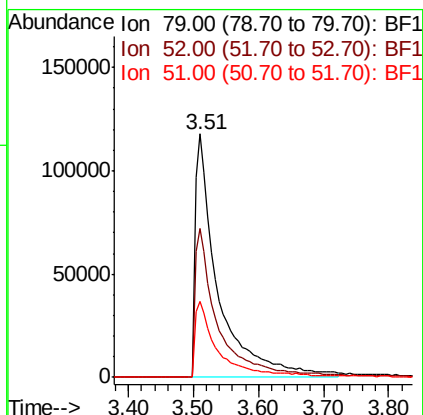
#3
 Pvridine
 Concen: 26.107 ng
 RT: 3.51 min Scan# 242
 Delta R.T. 0.15 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.4	50.2	75.4
51	31.0	25.8	38.6

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMS

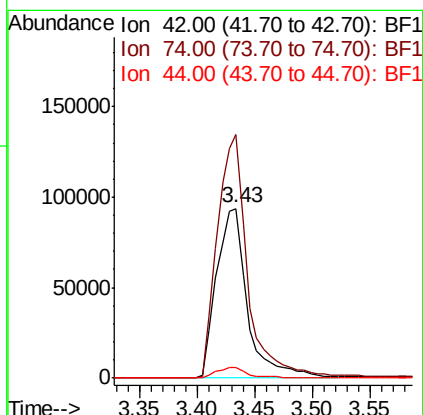
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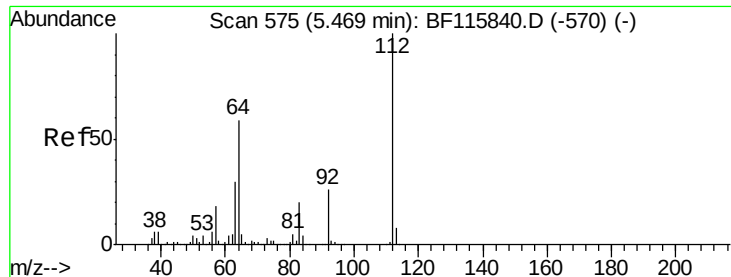
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#4
 n-Nitrosodimethylamine
 Concen: 40.435 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.12 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	143.3	111.0	166.4
44	6.2	4.7	7.1





#5

2-Fluorophenol

Concen: 120.942 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

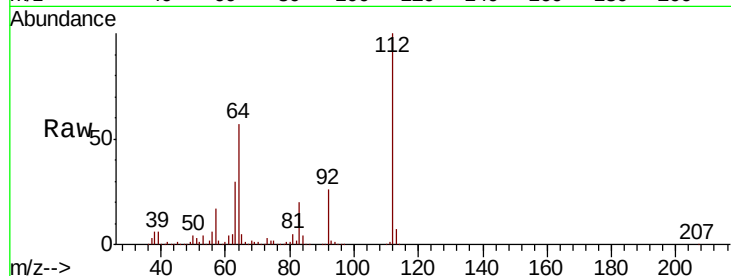
ClientSampleId :

2S-E1-E4-(0-1)COMPMS

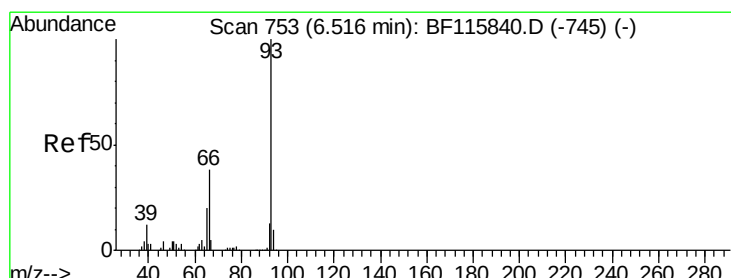
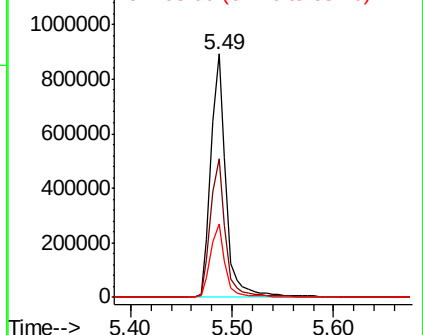
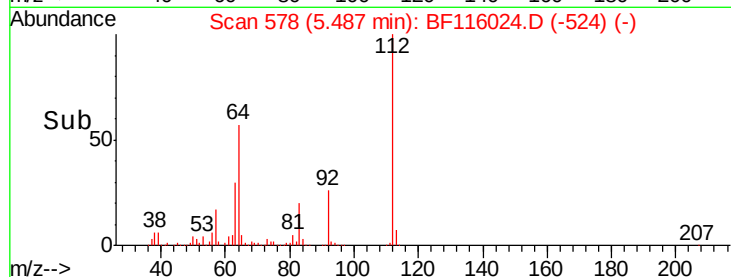
Tot Ion:	112	Resp:	935429
Ion Ratio	Lower	Upper	
112	100		
64	57.2	46.8	70.2
63	30.2	24.2	36.2

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF116024.D (-524) (-)



#6

Aniline

Concen: 9.242 ng

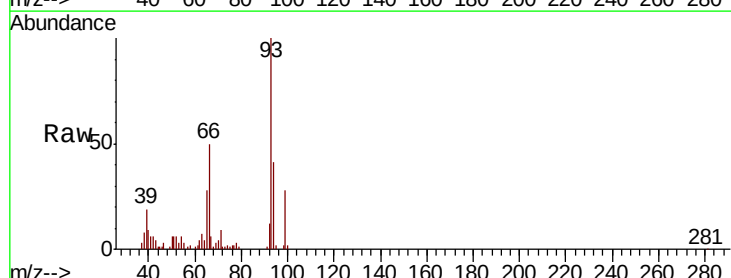
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

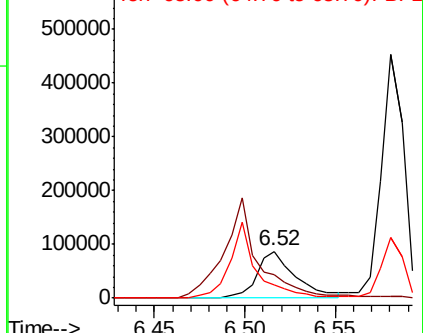
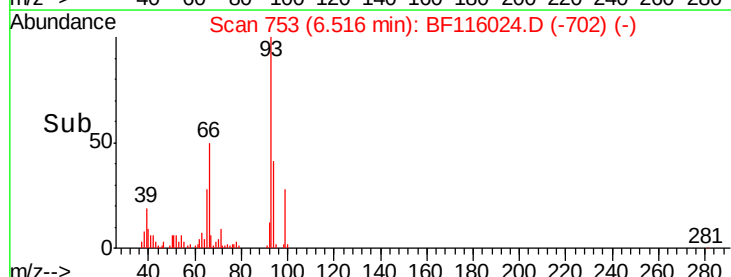
Lab File: BF116024.D

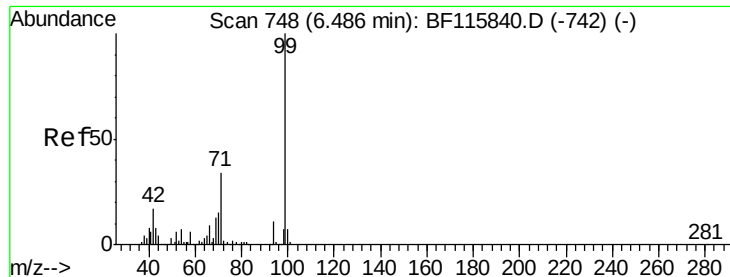
Acq: 6 Aug 2019 20:15

Tgt Ion:	93	Resp:	129159
Ion Ratio	Lower	Upper	
93	100		
66	50.0	31.4	47.0#
65	28.5	16.5	24.7#



Abundance Ion 93.00 (92.70 to 93.70): BF116024.D (-702) (-)





#7

Phenol-d6

Concen: 119.026 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-(0-1)COMPMS

Tot Ion: 99 Resp: 1161513

Ion Ratio Lower Upper

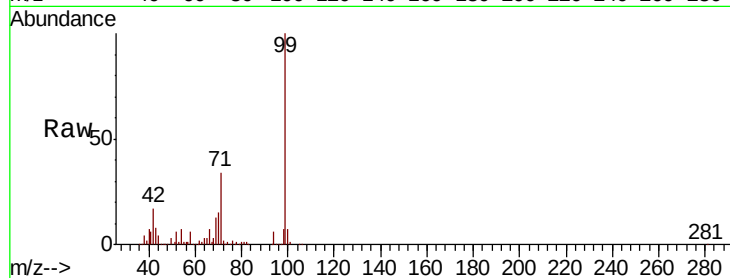
99 100

42 17.1 13.8 20.6

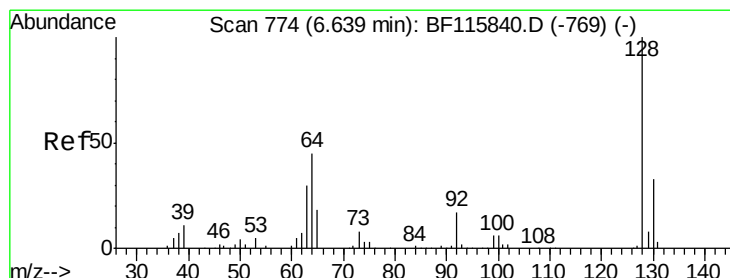
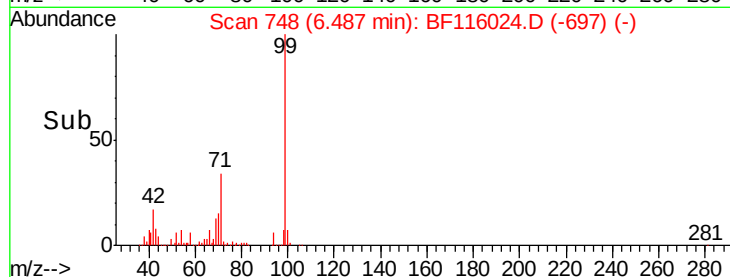
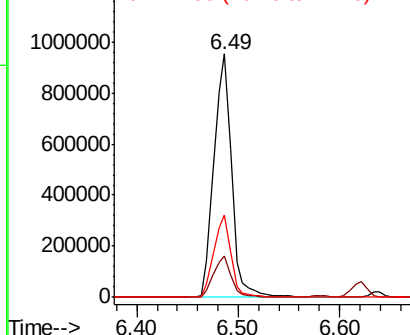
71 33.7 27.1 40.7

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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: 44.767 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

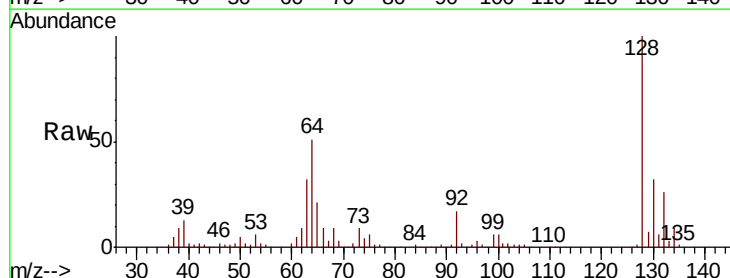
Tgt Ion: 128 Resp: 382886

Ion Ratio Lower Upper

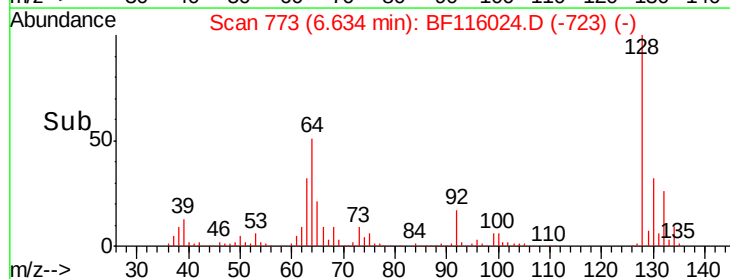
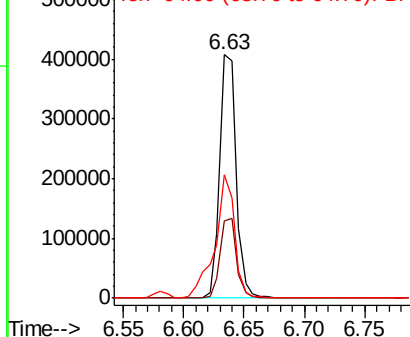
128 100

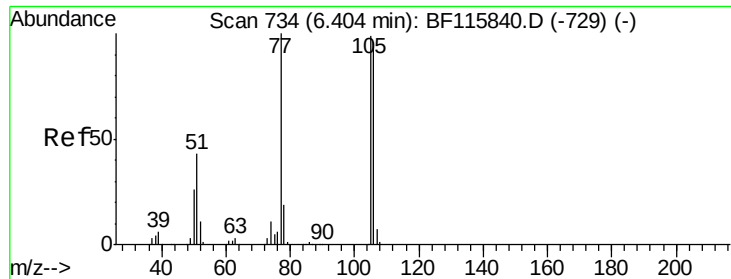
130 31.9 12.9 52.9

64 50.6 26.1 66.1



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: 28.175 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

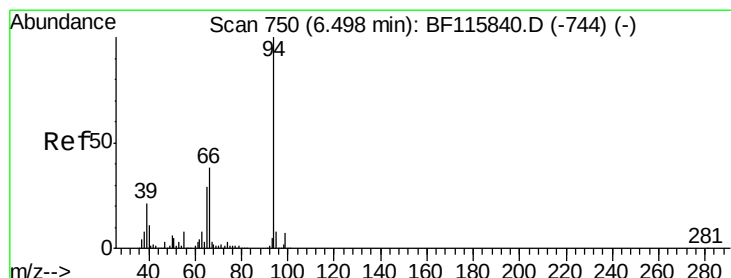
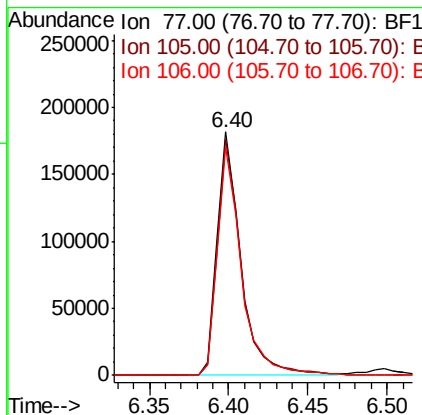
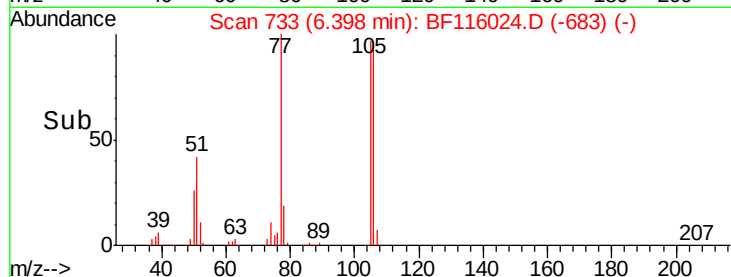
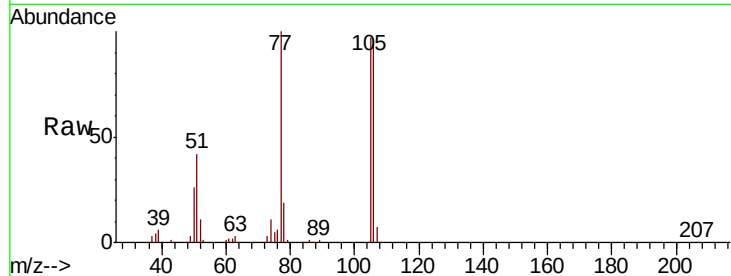
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	96.7	79.0	119.0
106	94.0	76.2	116.2

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#10

Phenol

Concen: 36.952 ng

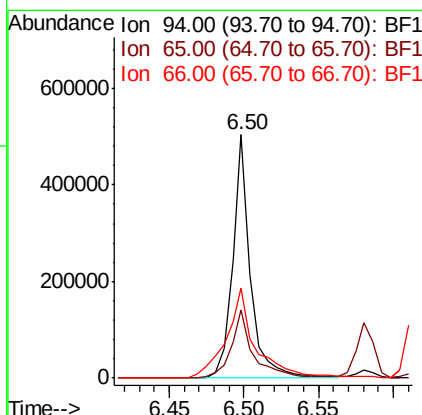
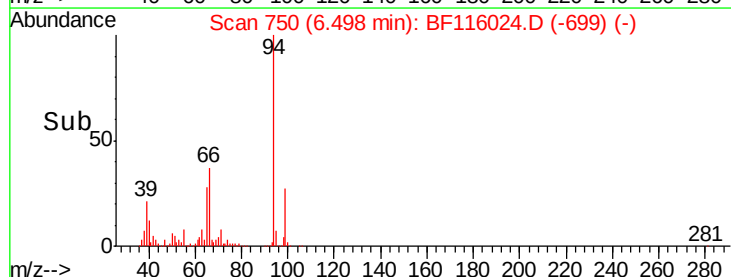
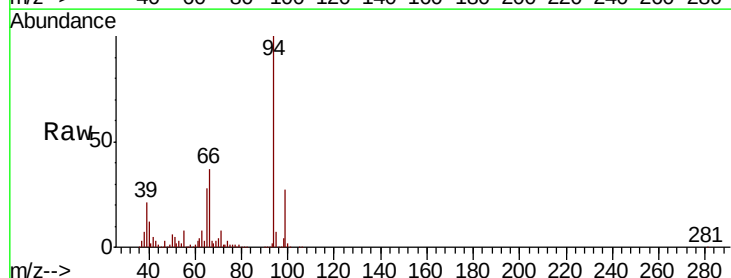
RT: 6.50 min Scan# 750

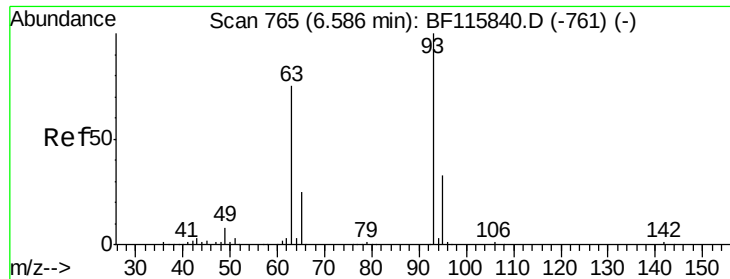
Delta R.T. 0.00 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.1	8.9	48.9
66	37.1	18.0	58.0





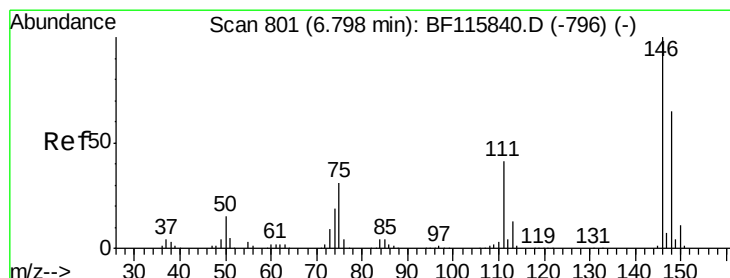
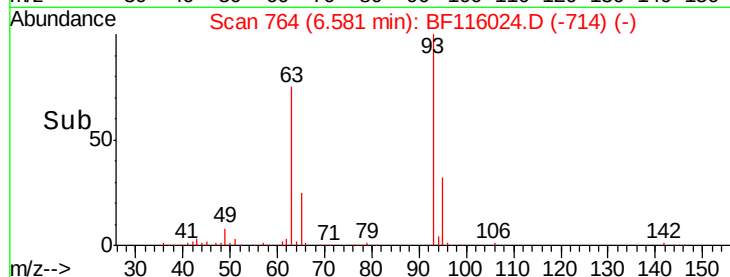
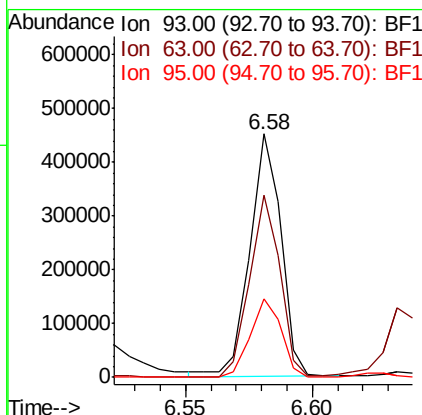
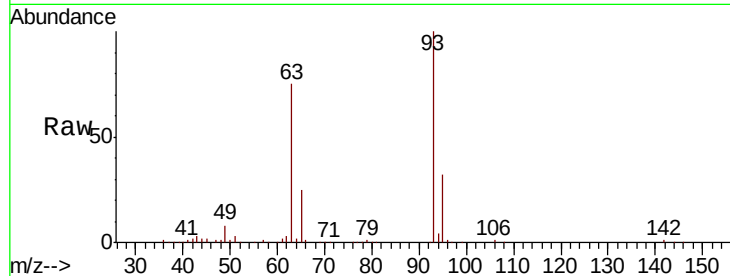
#11
bis(2-Chloroethyl)ether
Concen: 45.894 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Tot Ion:	93	Resp:	387750
Ion	Ratio	Lower	Upper
93	100		
63	74.7	54.9	94.9
95	32.4	13.3	53.3

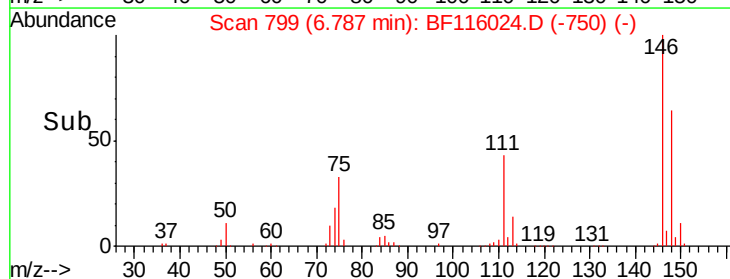
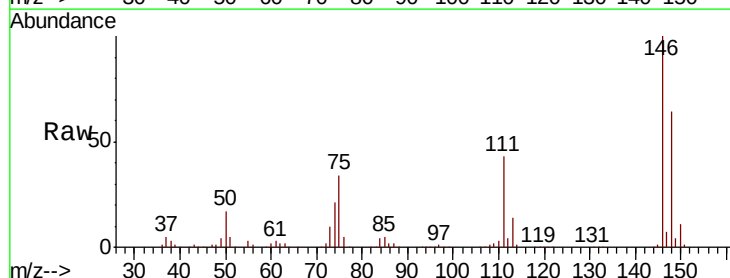
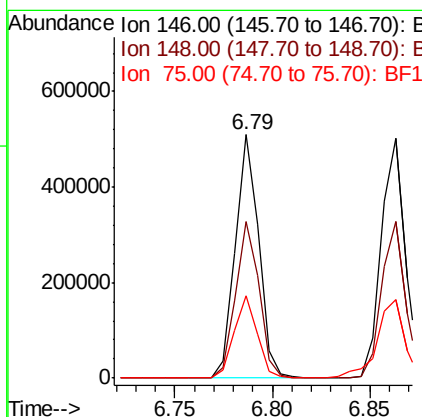
Manual Integrations
APPROVED

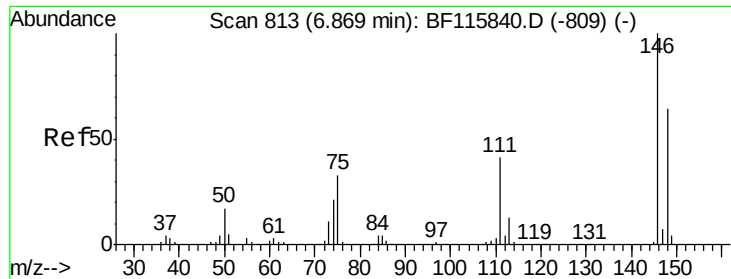
mohammad
8/7/2019 4:42:06 PM



#12
1,3-Dichlorobenzene
Concen: 43.062 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion:	146	Resp:	425644
Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.1	78.1
75	33.6	25.0	37.6





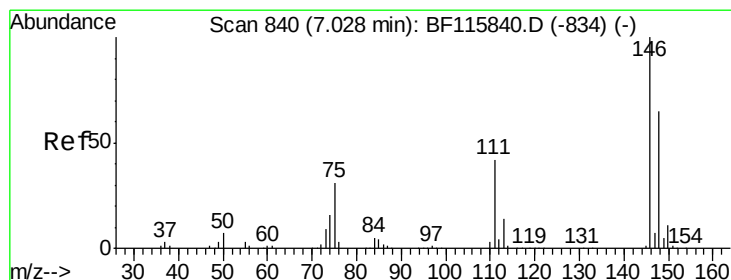
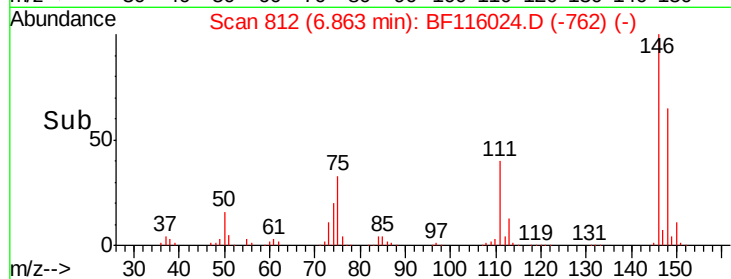
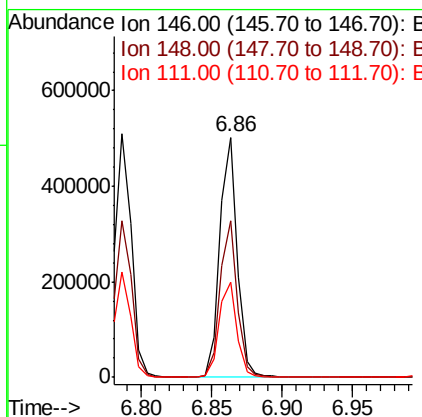
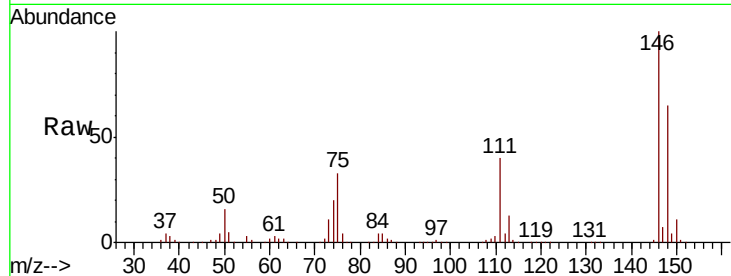
#13
 1,4-Dichlorobenzene
 Concen: 43.635 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.2	76.8
111	39.9	33.2	49.8

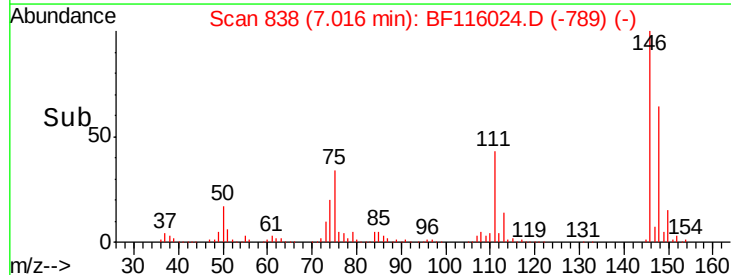
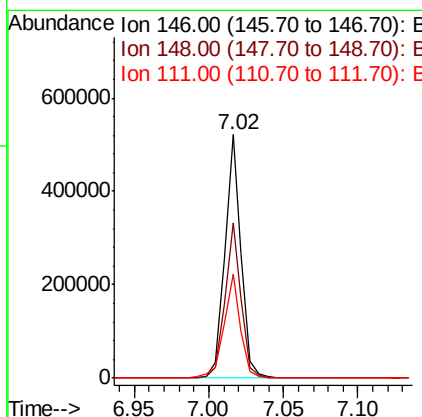
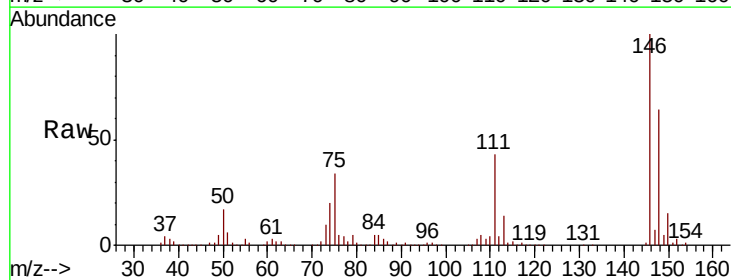
Manual Integrations
 APPROVED

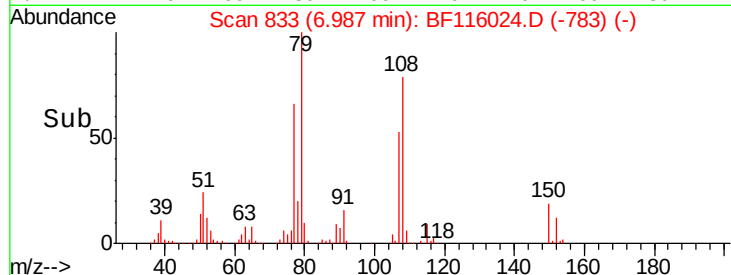
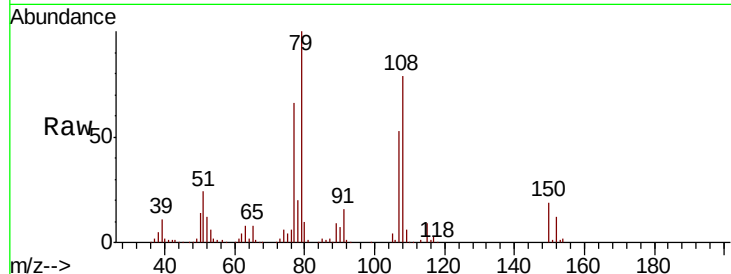
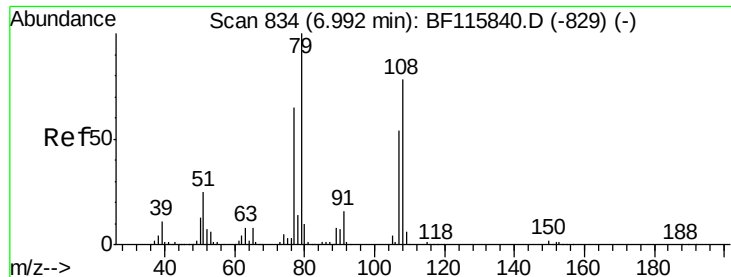
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 43.726 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.6	77.4
111	42.9	33.6	50.4





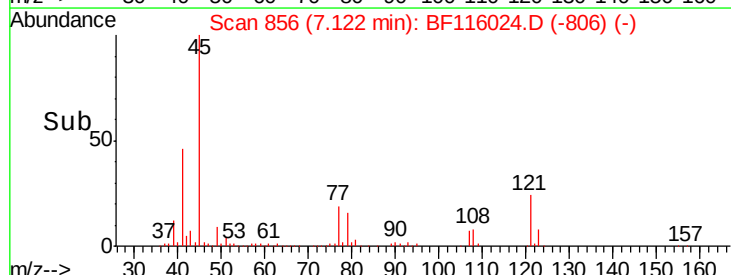
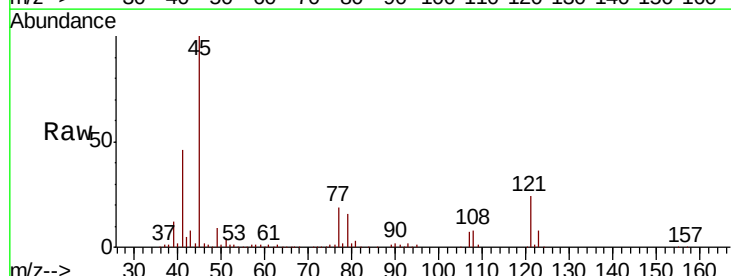
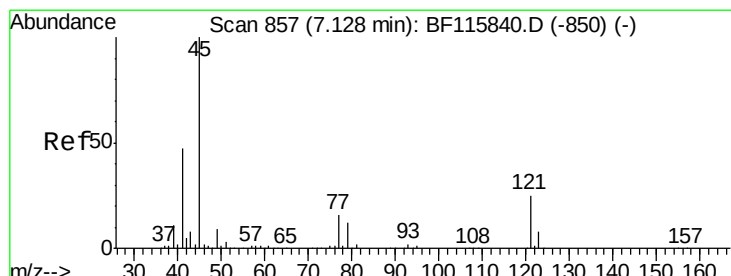
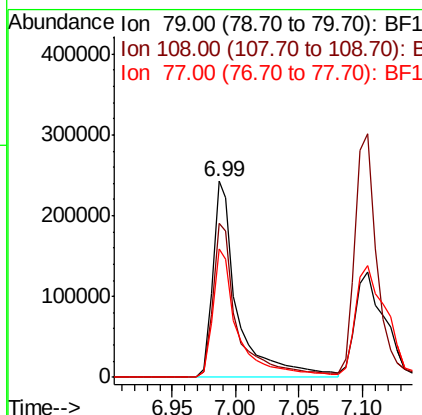
#15
Benzyl Alcohol
Concen: 45.184 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	78.6	62.8	94.2	
77	65.9	52.0	78.0	

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

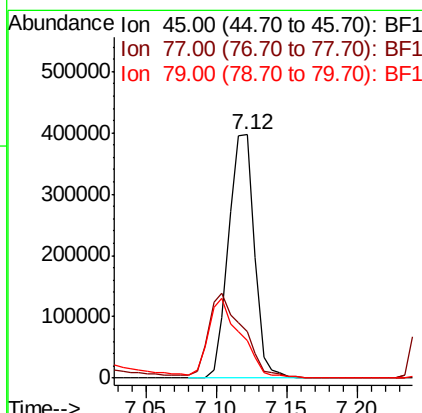
Manual Integrations
APPROVED

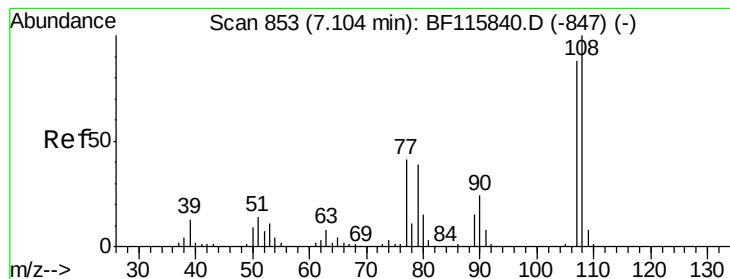
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.915 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	19.0	0.0	36.3	
79	15.7	0.0	32.5	





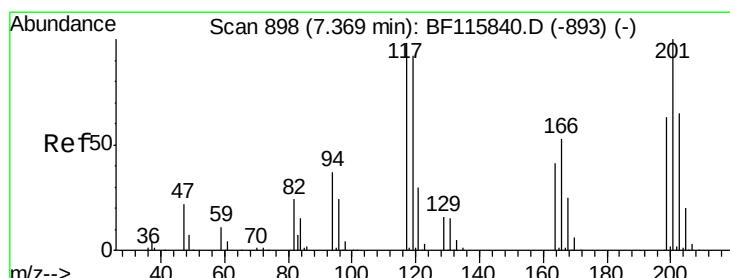
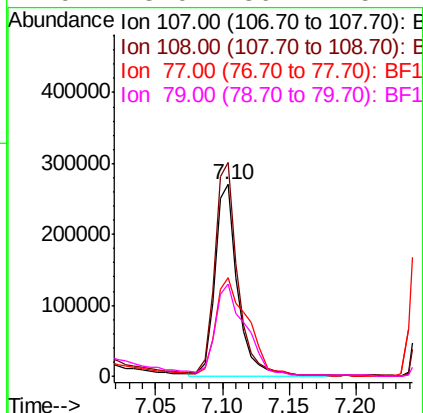
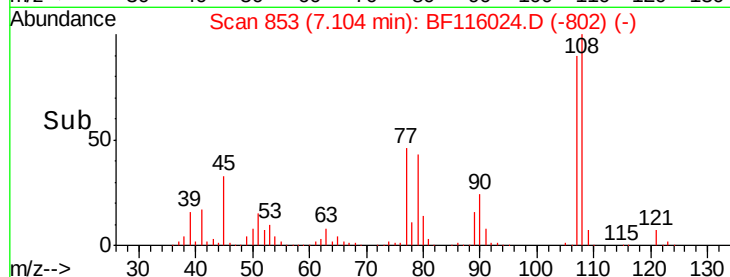
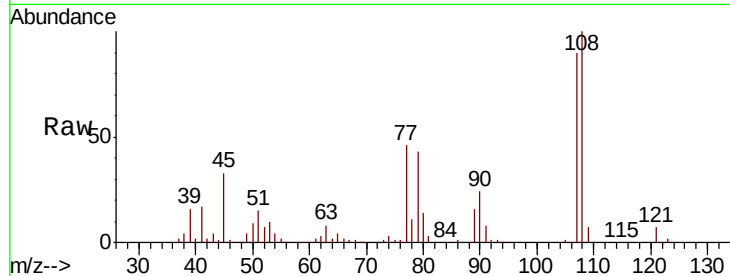
#17
2-Methylphenol
Concen: 44.609 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	91.4	137.0	
77	51.1	37.6	56.4	
79	48.0	36.2	54.4	

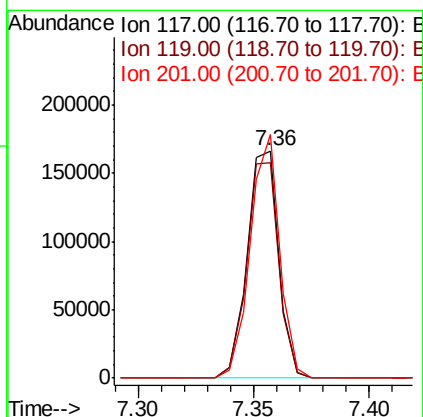
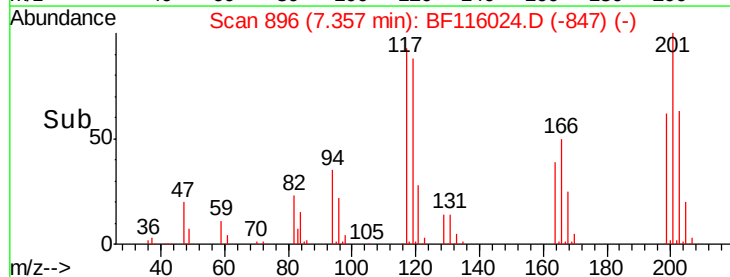
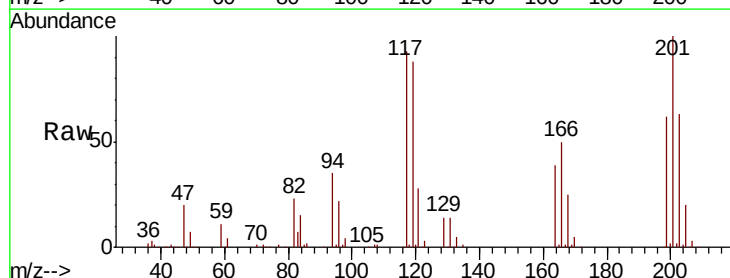
Manual Integrations
APPROVED

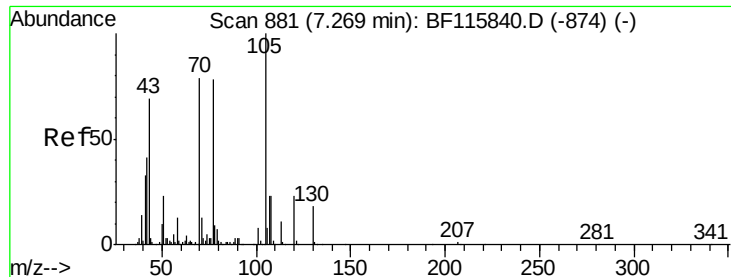
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#18
Hexachloroethane
Concen: 43.675 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	75.8	113.6	
201	107.1	82.0	123.0	





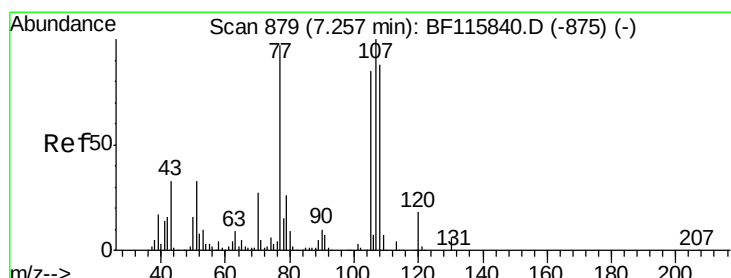
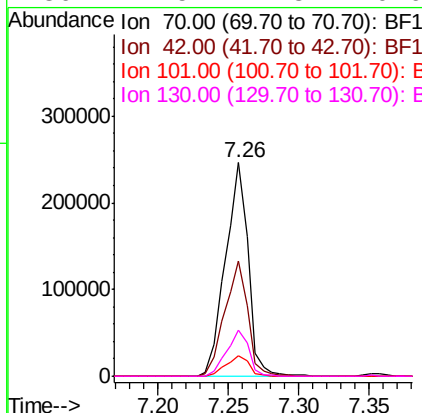
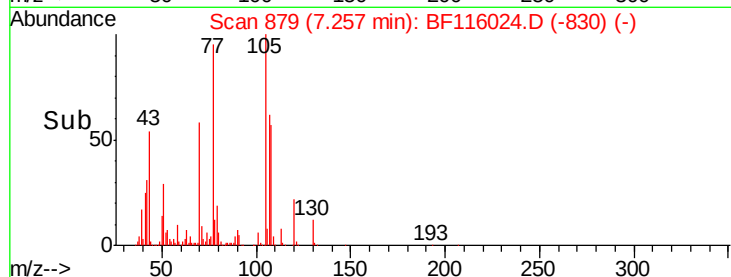
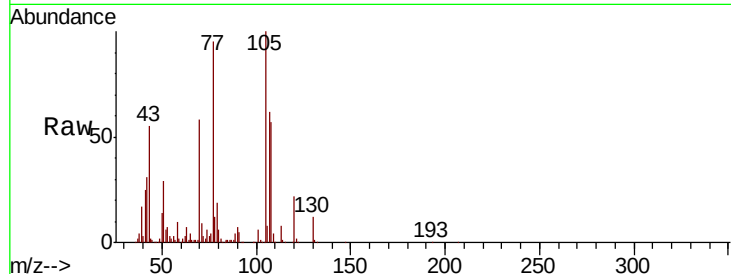
#19
n-Nitroso-di-n-propylamine
Concen: 45.583 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	54.2	41.8	62.8		
101	9.9	7.7	11.5		
130	21.5	17.8	26.6		

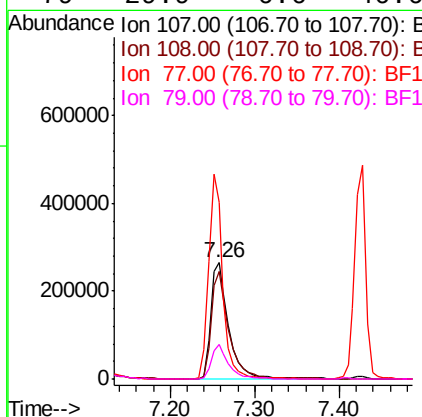
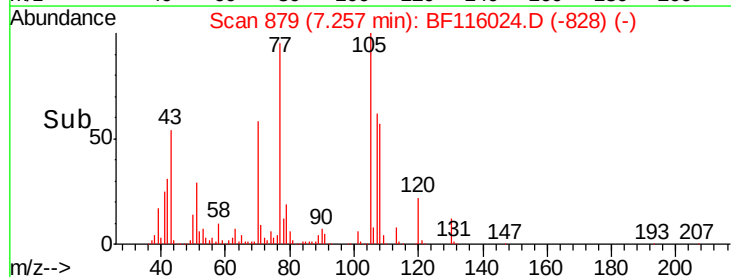
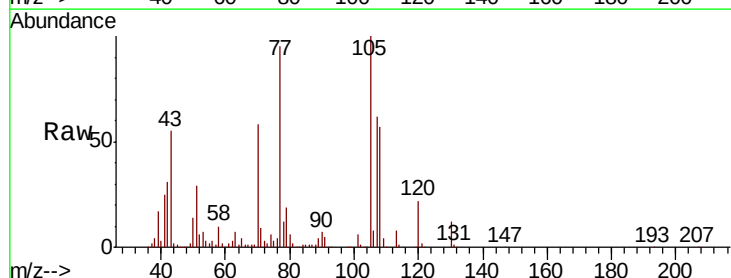
Manual Integrations
APPROVED

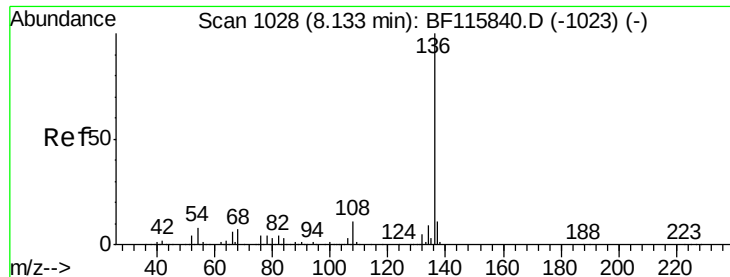
mohammad
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#20
3+4-Methylphenols
Concen: 45.604 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.0	67.9	107.9		
77	152.3	77.3	117.3		
79	29.9	6.6	46.6		





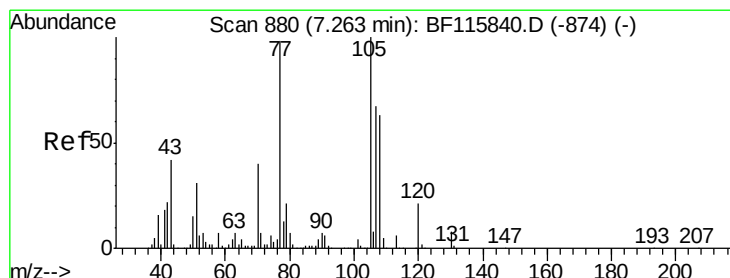
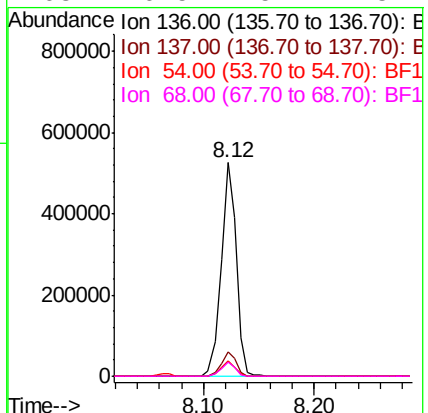
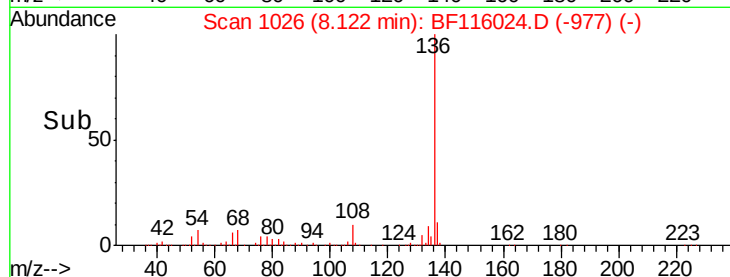
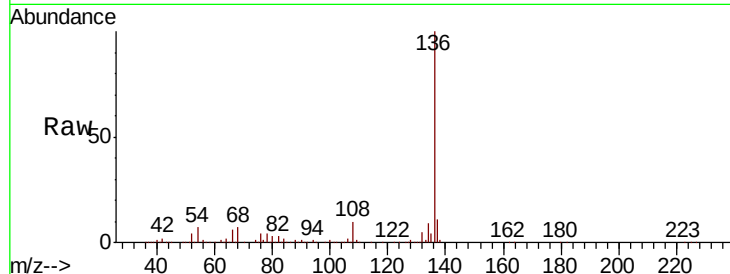
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	498949		
137	11.4		9.1	13.7
54	7.3		6.1	9.1
68	6.5		5.4	8.2

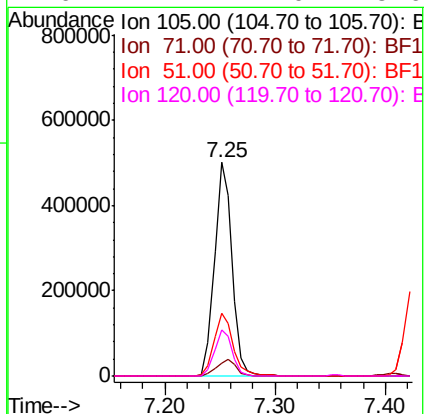
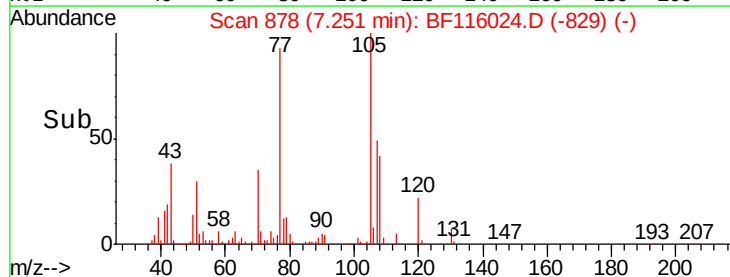
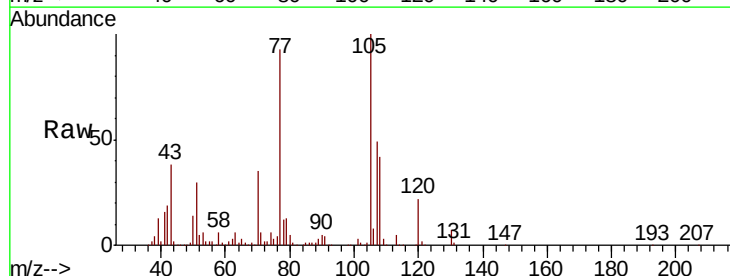
Manual Integrations
APPROVED

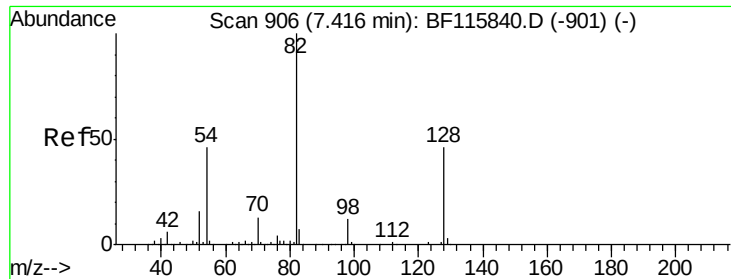
mohammad
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#22
Acetophenone
Concen: 49.993 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	547060		
71	5.8		5.4	8.0
51	29.5		24.6	36.8
120	21.7		17.0	25.6





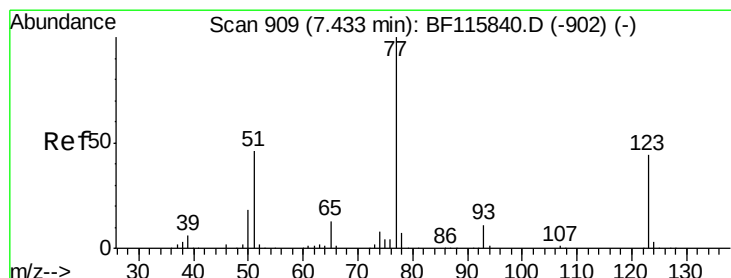
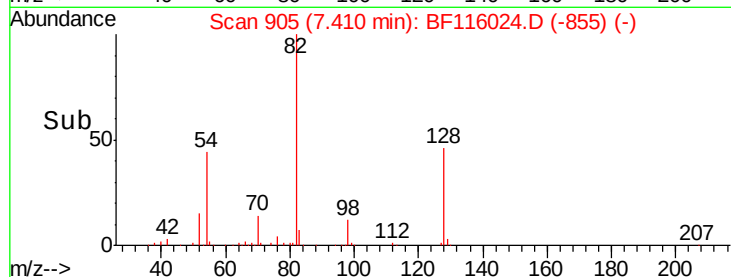
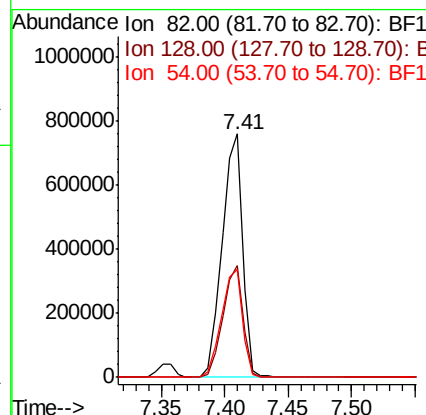
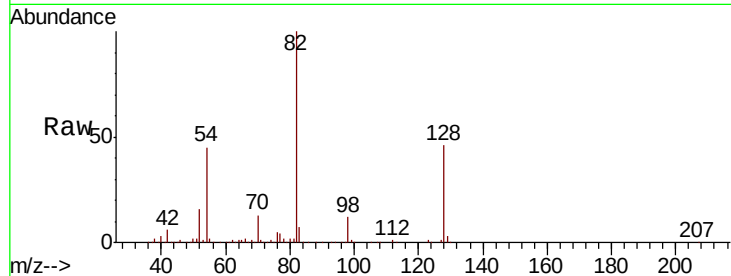
#23
 Nitrobenzene-d5
 Concen: 99.946 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.6	55.0
54	44.6	36.6	55.0

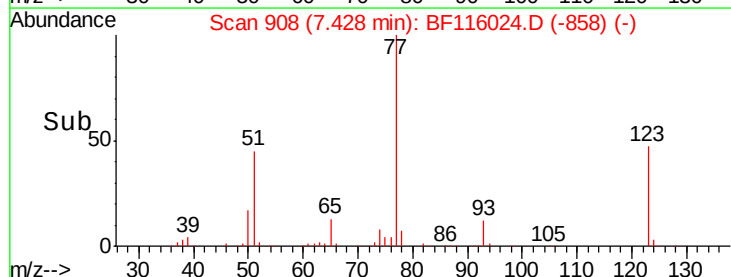
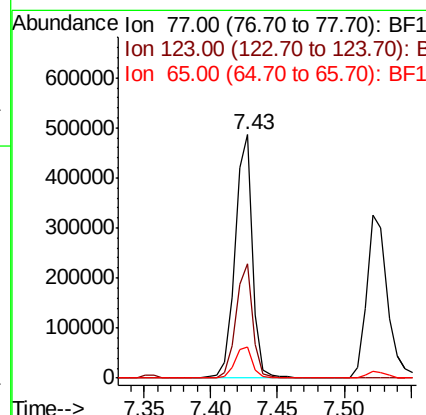
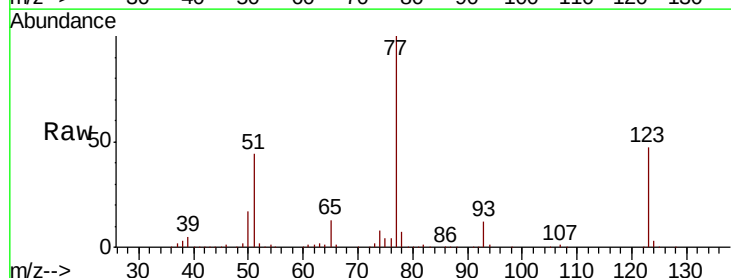
Manual Integrations
 APPROVED

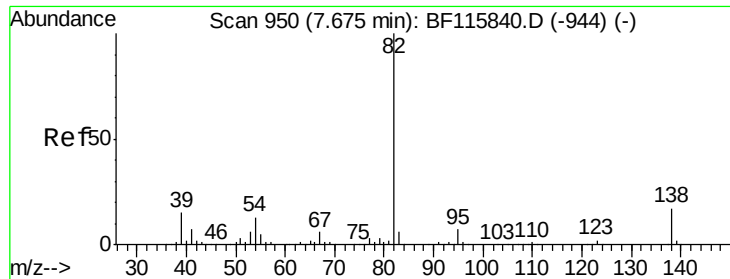
mohammad
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#24
 Nitrobenzene
 Concen: 47.692 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	35.5	53.3
65	13.0	10.6	15.8





#25

Isophorone

Concen: 48.569 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

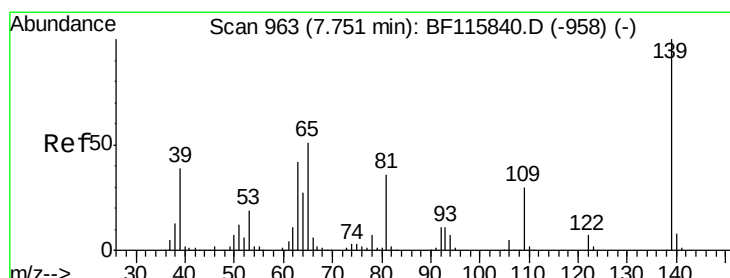
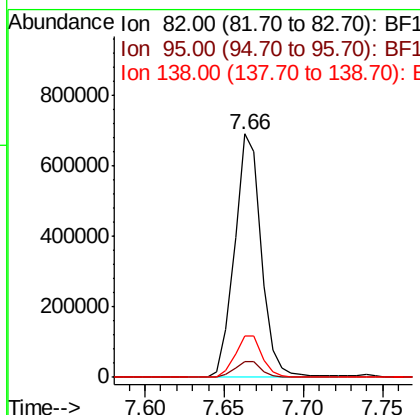
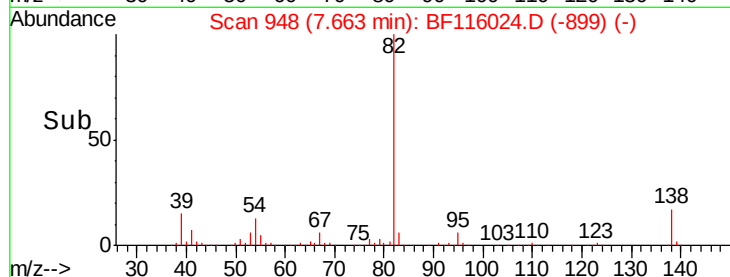
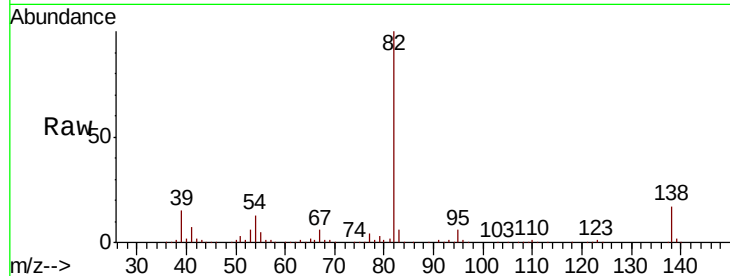
ClientSampleId :

2S-E1-E4-(0-1)COMPMS

Tot Ion	82	Resp	802772
Ion	Ratio	Lower	Upper
82	100		
95	6.5	5.5	8.3
138	17.2	13.9	20.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.652 ng

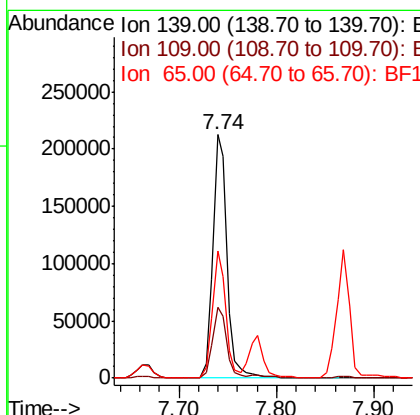
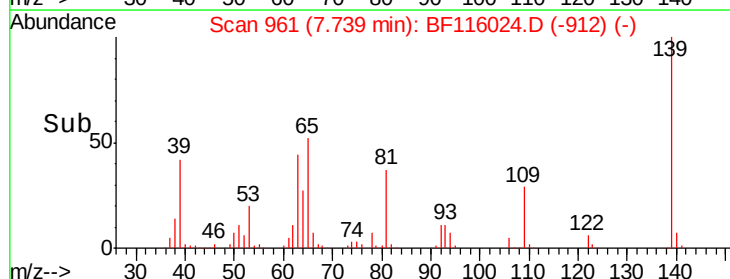
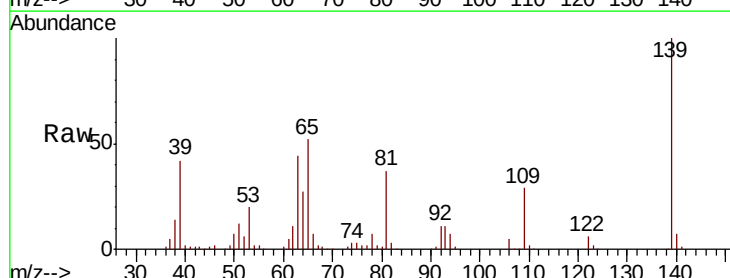
RT: 7.74 min Scan# 961

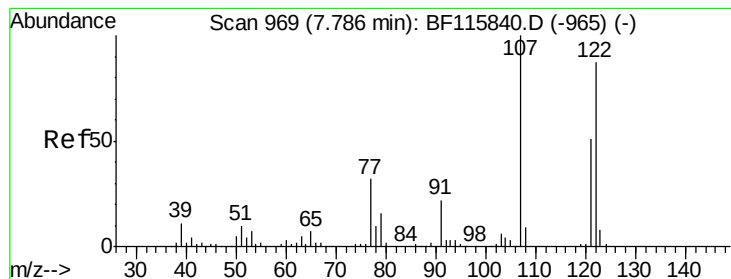
Delta R.T. -0.01 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Tgt Ion	139	Resp	214049
Ion	Ratio	Lower	Upper
139	100		
109	29.3	23.6	35.4
65	52.1	40.6	60.8





#27

2,4-Dimethylphenol

Concen: 52.662 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

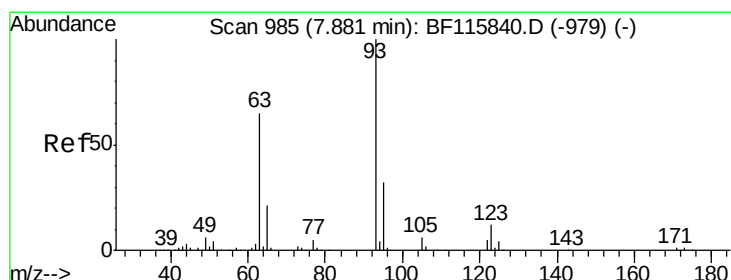
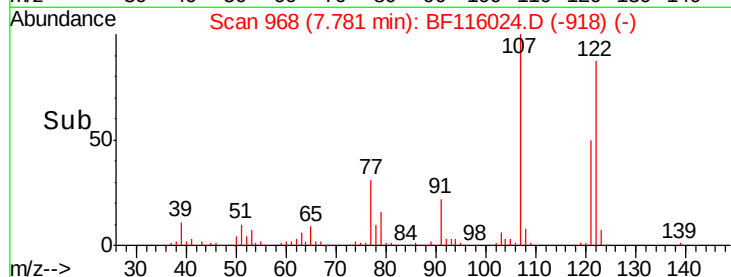
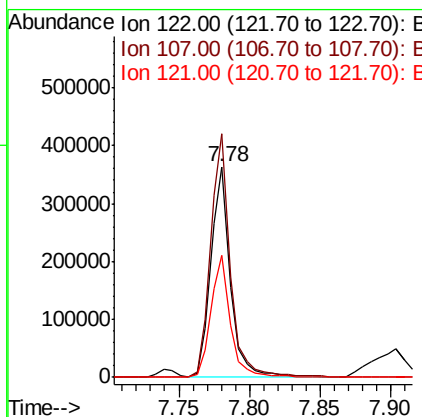
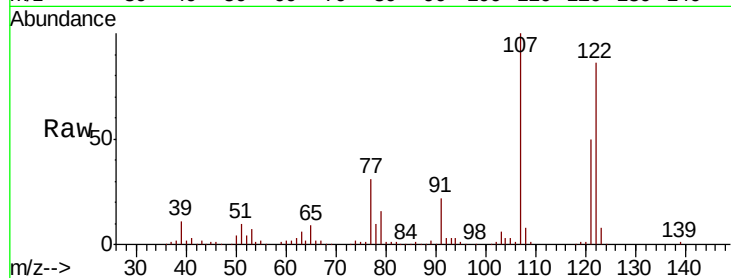
ClientSampleId :

2S-E1-E4-(0-1)COMPMS

Tot Ion:	122	Resp:	348572
Ion Ratio	Lower	Upper	
122	100		
107	115.7	91.7	137.5
121	58.0	46.6	70.0

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#28

bis(2-Chloroethoxy)methane

Concen: 48.188 ng

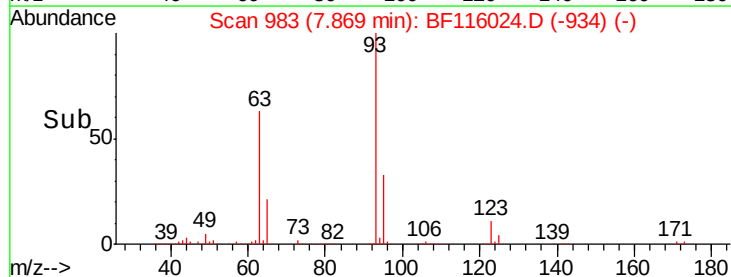
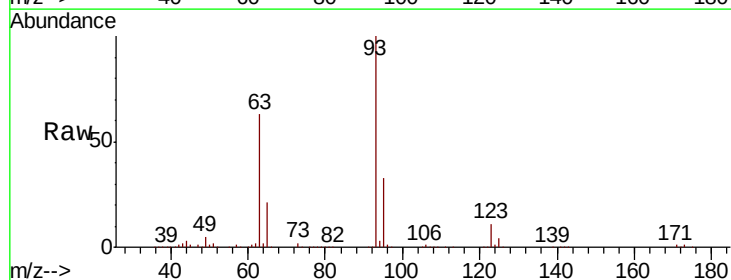
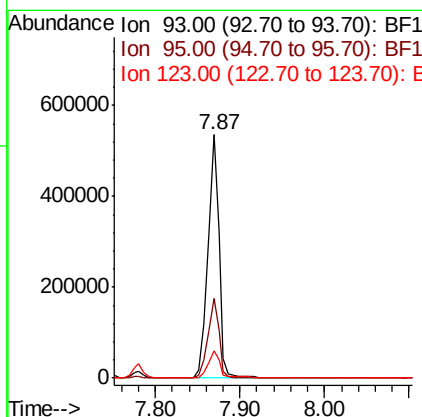
RT: 7.87 min Scan# 983

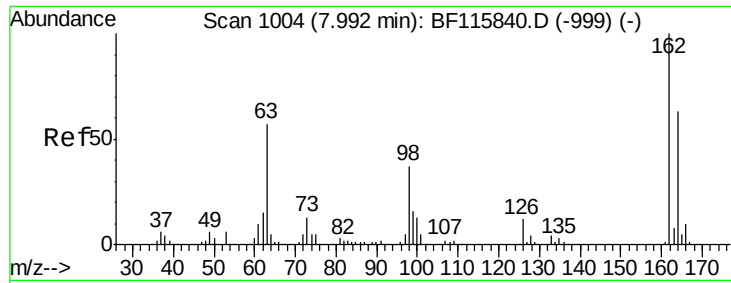
Delta R.T. -0.01 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Tgt Ion:	93	Resp:	493668
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.0	39.0
123	11.0	9.5	14.3





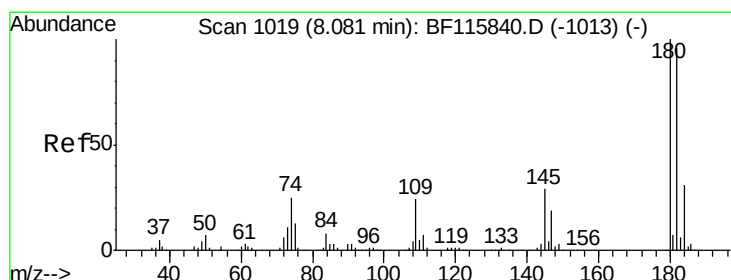
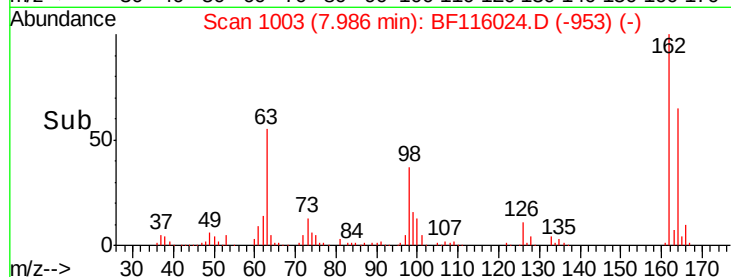
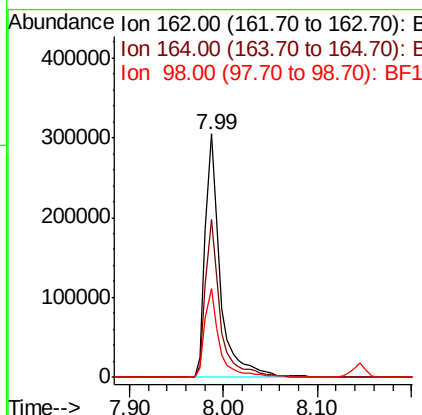
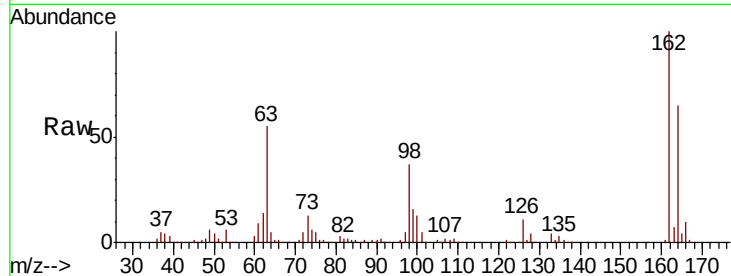
#29
2,4-Dichlorophenol
Concen: 49.200 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	343849		
164	65.0	43.2	83.2	
98	36.6	17.3	57.3	

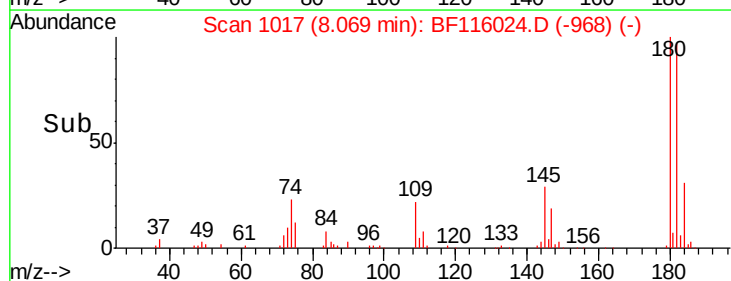
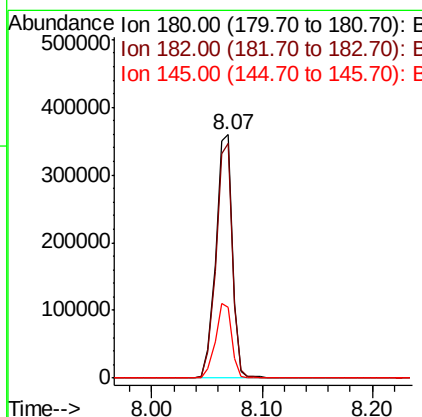
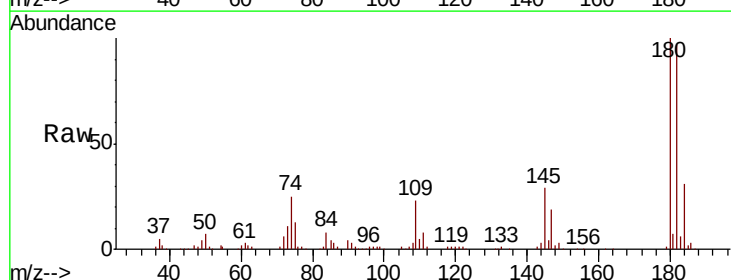
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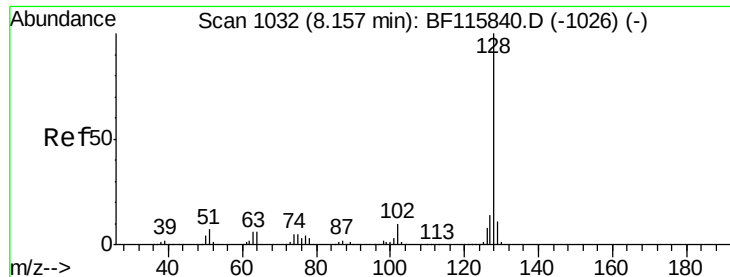
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#30
1,2,4-Trichlorobenzene
Concen: 46.790 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	372757		
182	96.6	76.6	114.8	
145	29.0	23.2	34.8	





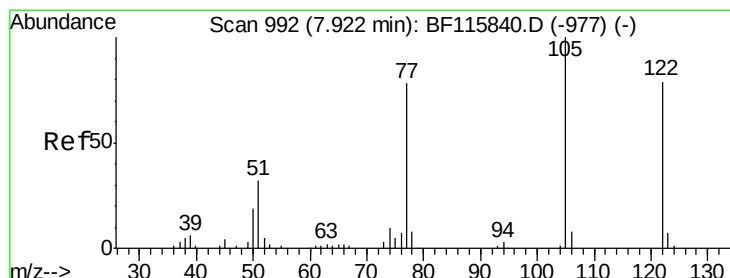
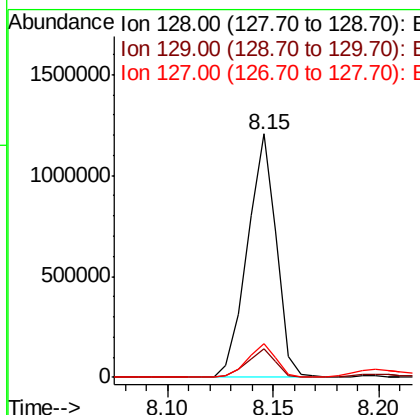
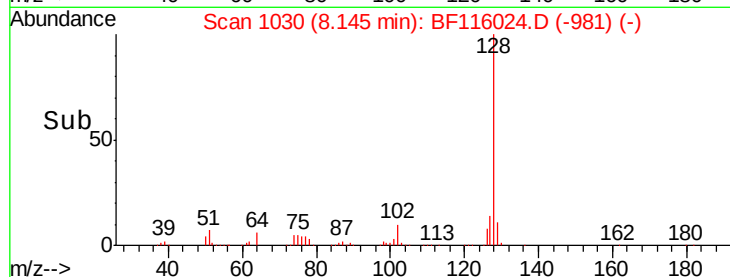
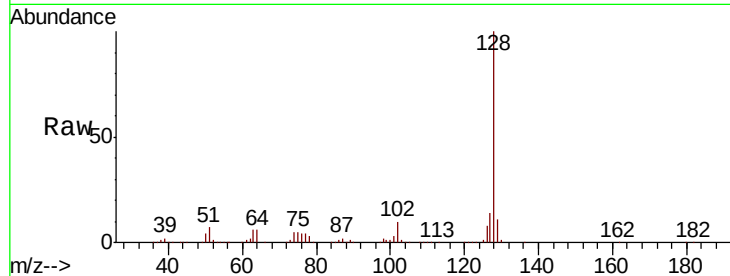
#31
Naphthalene
Concen: 48.758 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.8	11.0	16.4

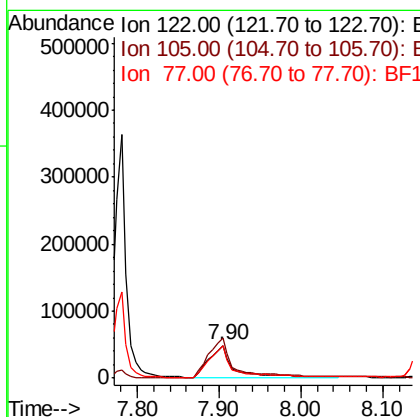
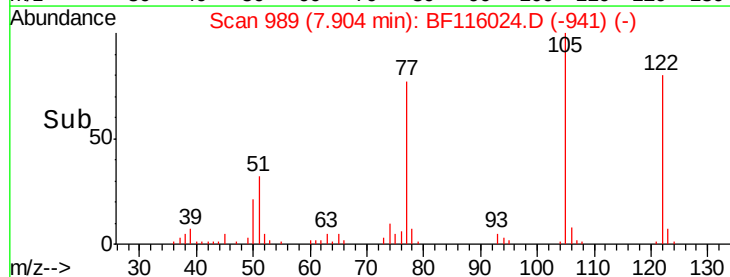
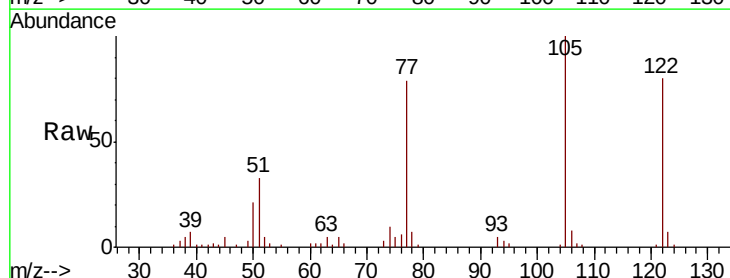
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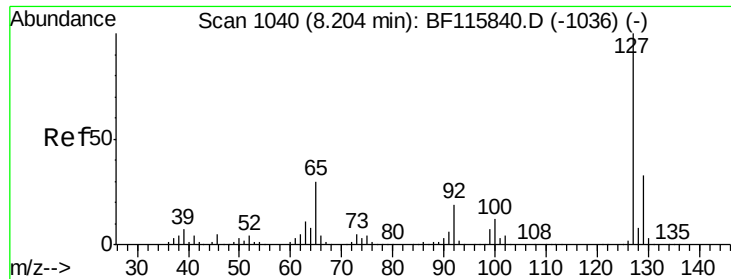
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#32
Benzoic acid
Concen: 21.523 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.2	103.1	143.1
77	98.1	76.8	116.8





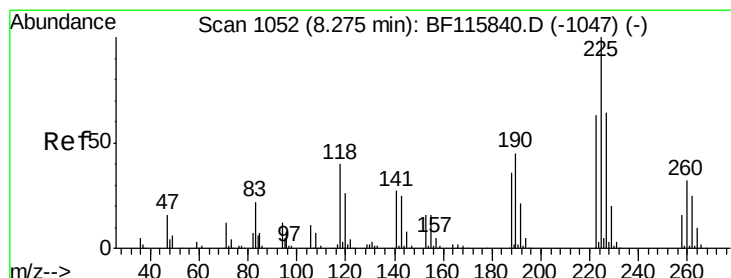
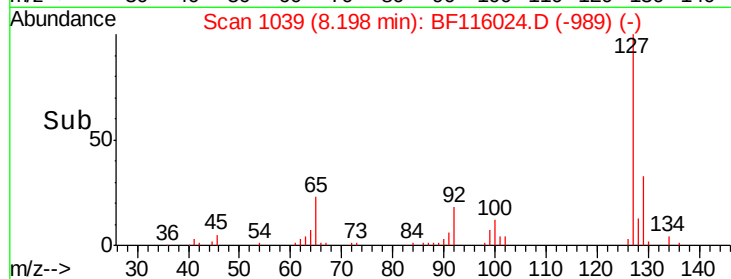
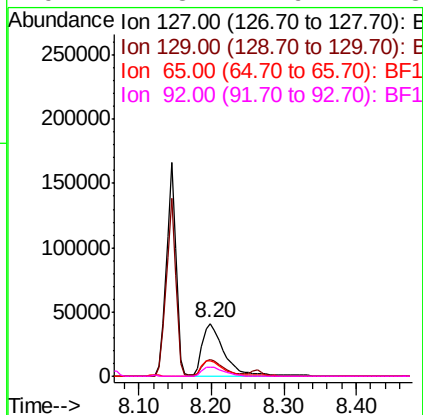
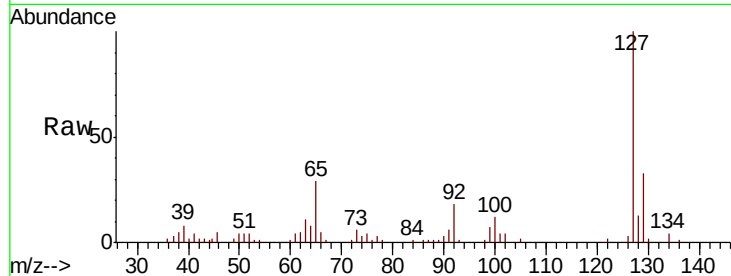
#33
4-Chloroaniline
Concen: 8.477 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		88933		
129	32.6	26.0	39.0		
65	29.5	23.9	35.9		
92	17.8	14.9	22.3		

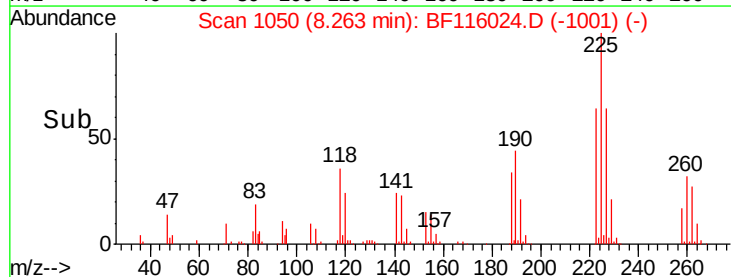
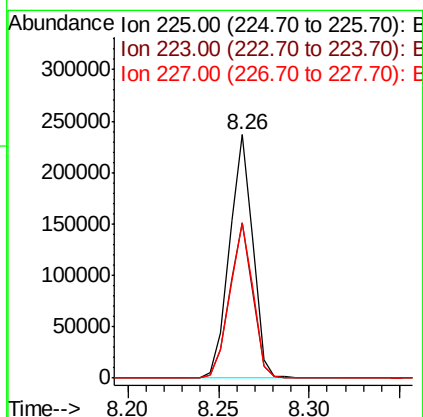
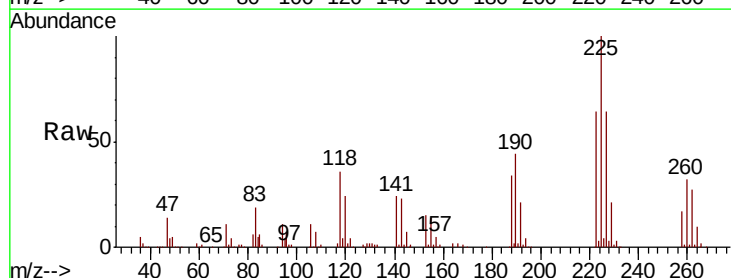
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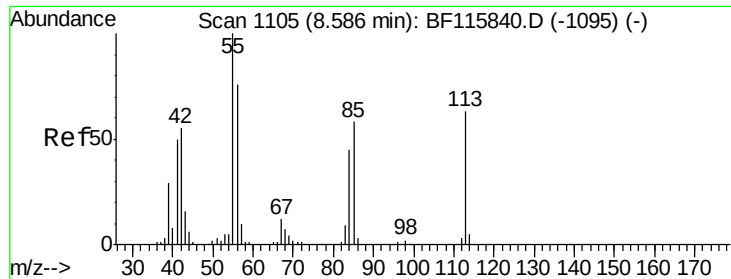
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#34
Hexachlorobutadiene
Concen: 46.150 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		211771		
223	63.7	50.4	75.6		
227	63.7	51.6	77.4		





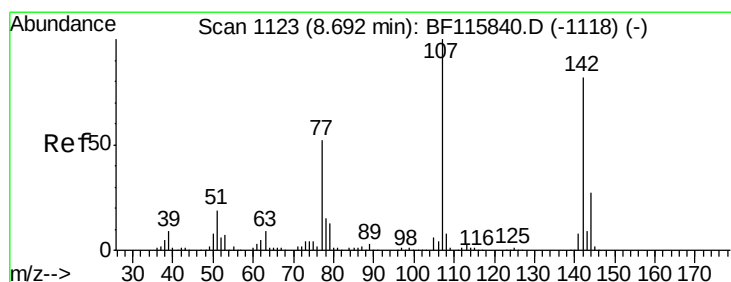
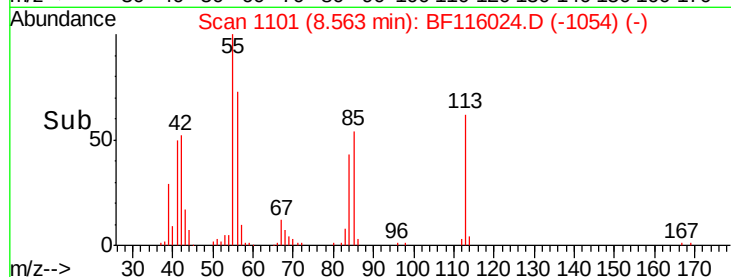
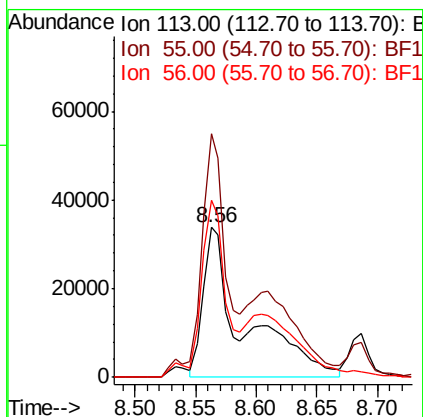
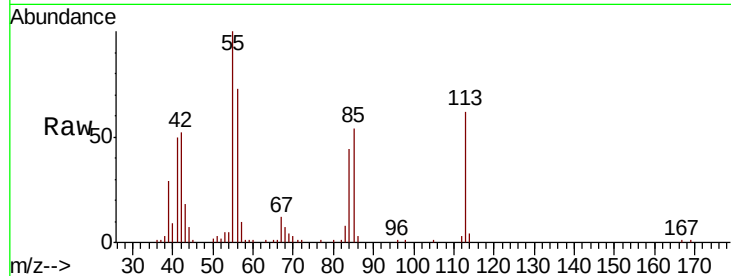
#35
 Caprolactam
 Concen: 34.904 ng/ml
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	162.5	138.1	178.1
56	118.2	100.6	140.6

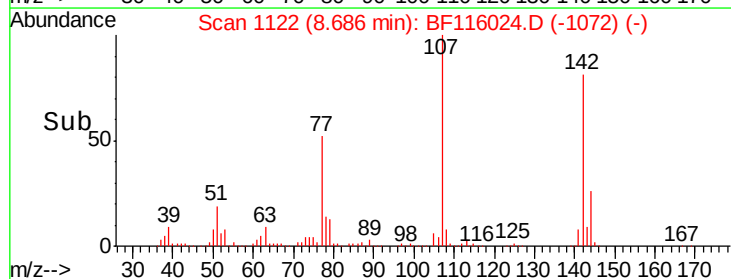
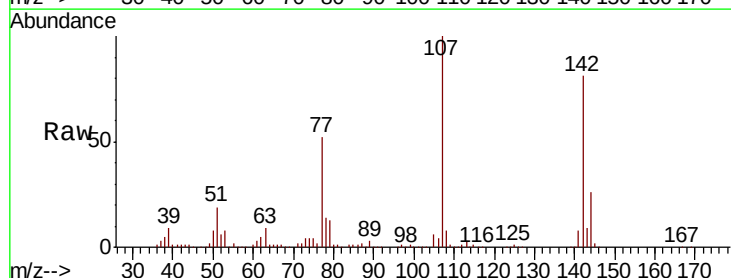
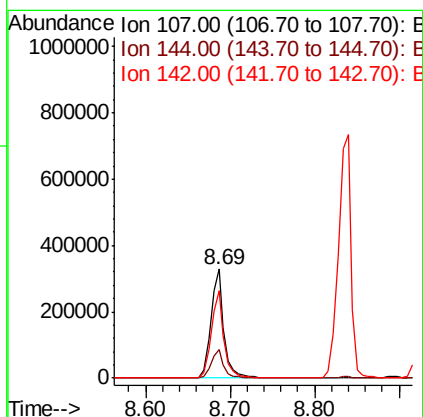
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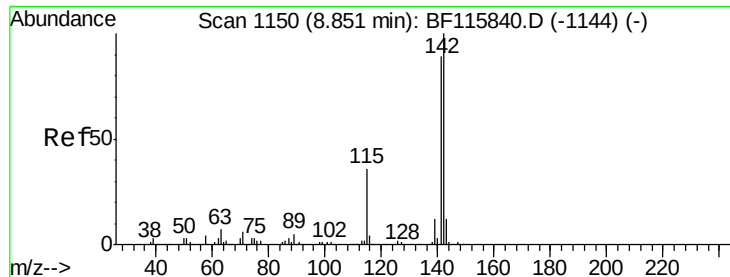
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#36
 4-Chloro-3-methylphenol
 Concen: 48.785 ng/ml
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	21.4	32.0
142	80.8	65.5	98.3





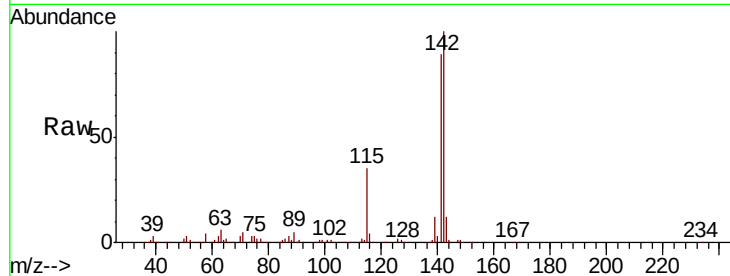
#37
2-Methylnaphthalene
Concen: 50.355 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.4	107.2
115	34.6	28.9	43.3

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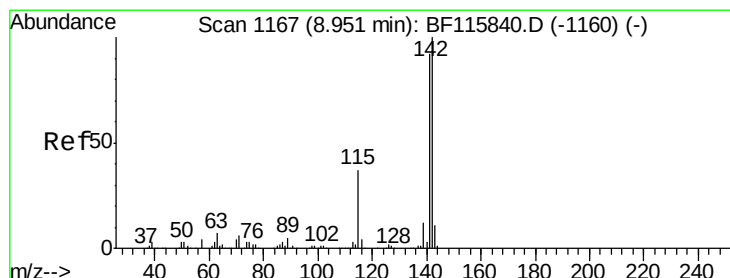
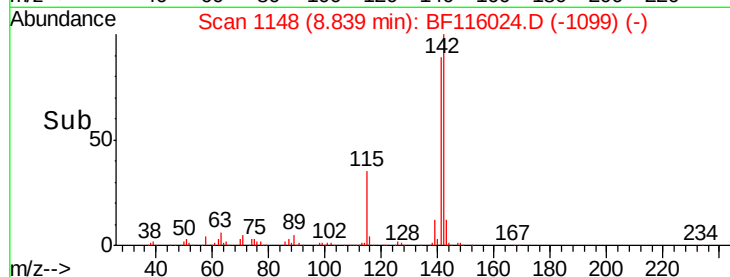
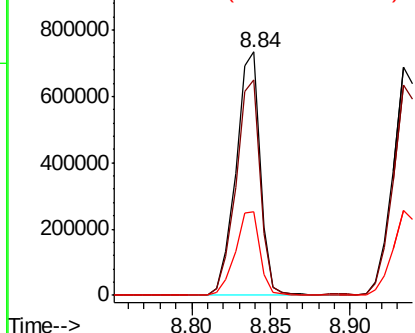


Abundance

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: 49.864 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

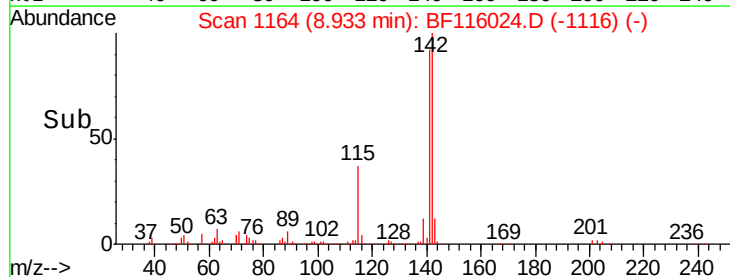
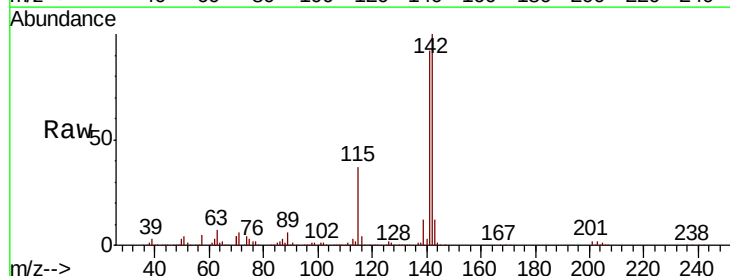
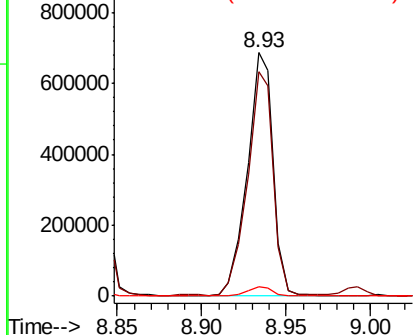
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.8	110.6
116	3.9	3.1	4.7

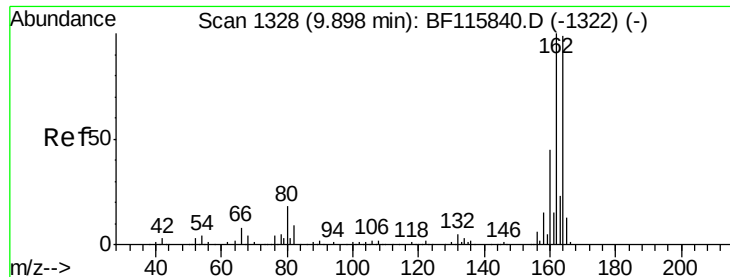
Abundance

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





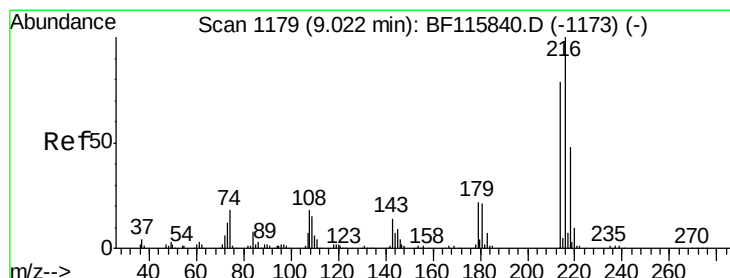
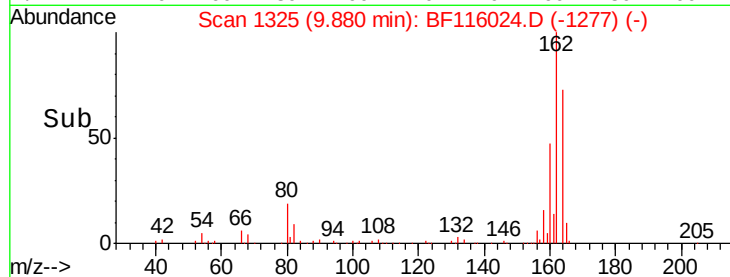
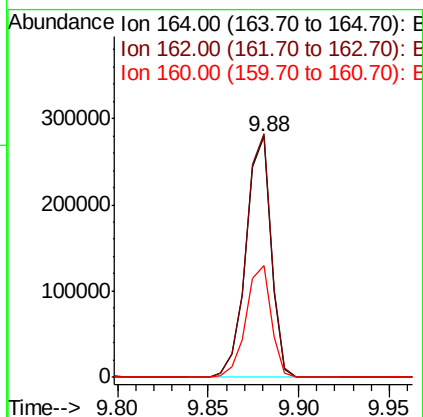
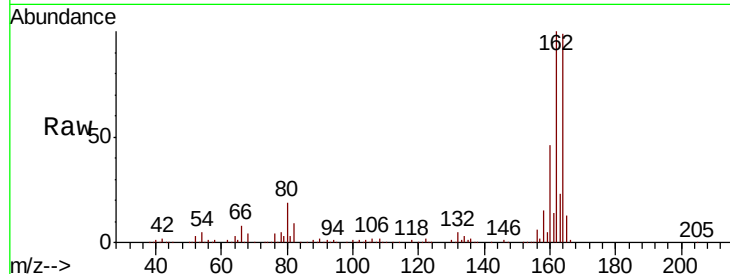
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.8	121.2
160	46.5	36.2	54.4

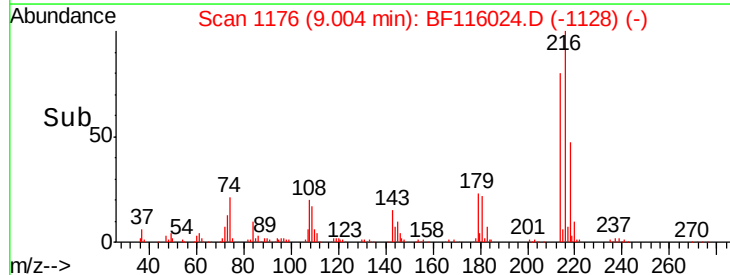
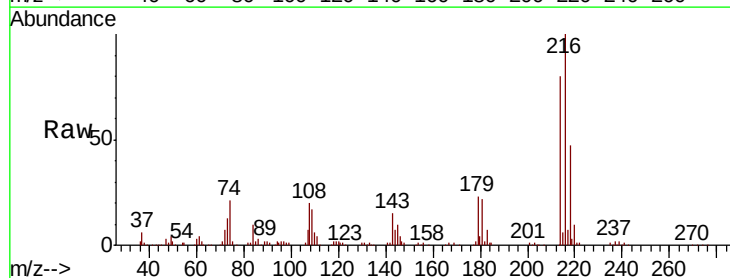
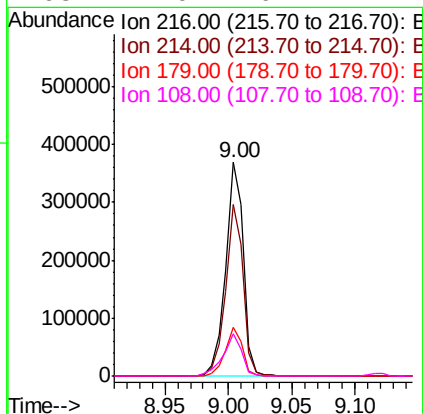
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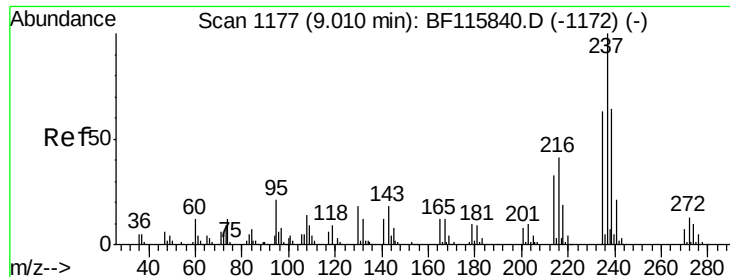
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.435 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.8	94.2
179	22.0	17.6	26.4
108	21.0	16.1	24.1





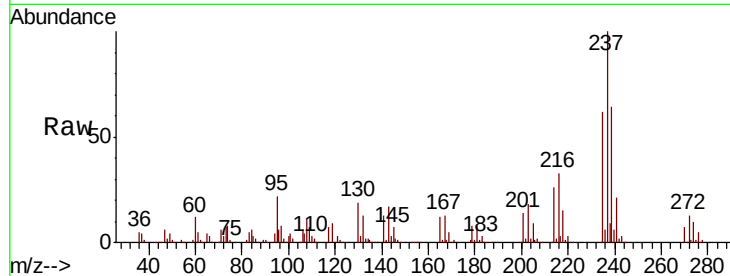
#41
Hexachlorocyclopentadiene
Concen: 58.282 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

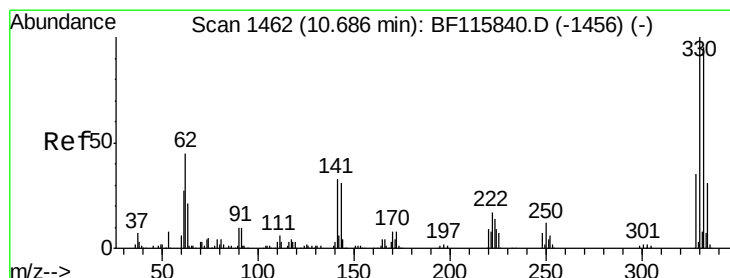
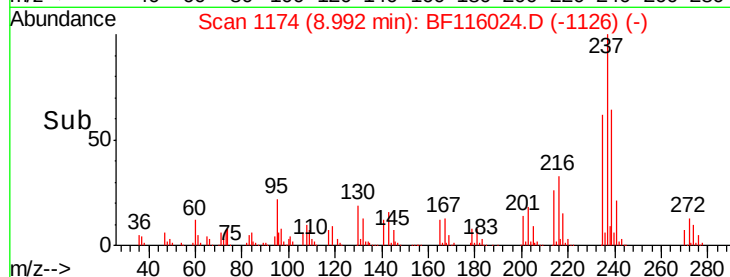
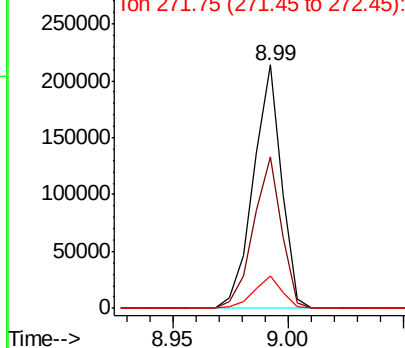
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.1	42.5	82.5	
272	13.3	0.0	33.3	

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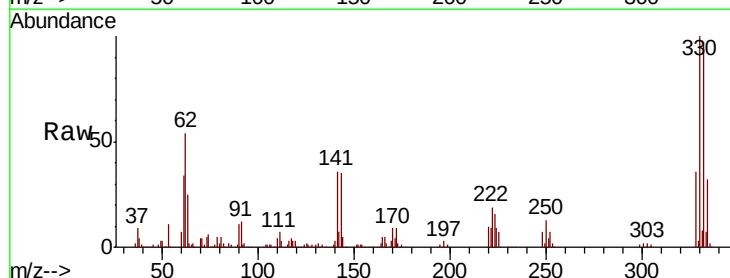


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

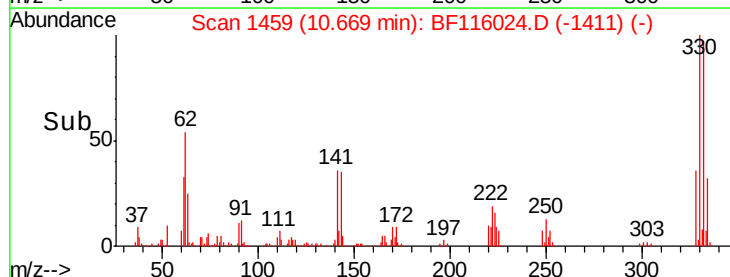
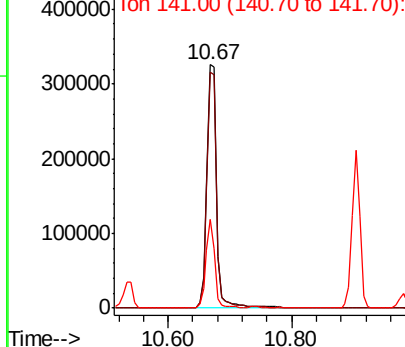


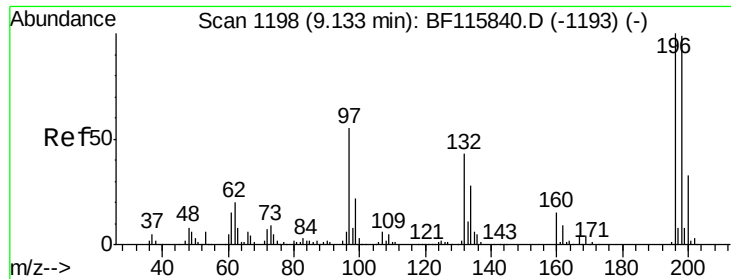
#42
2,4,6-Tribromophenol
Concen: 137.708 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	77.7	116.5	
141	33.1	28.1	42.1	



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





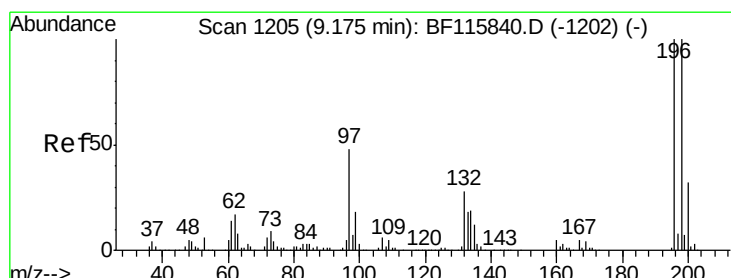
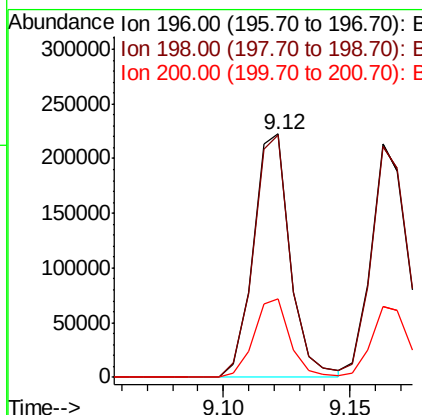
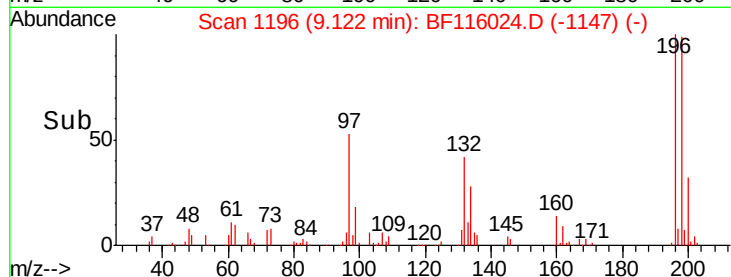
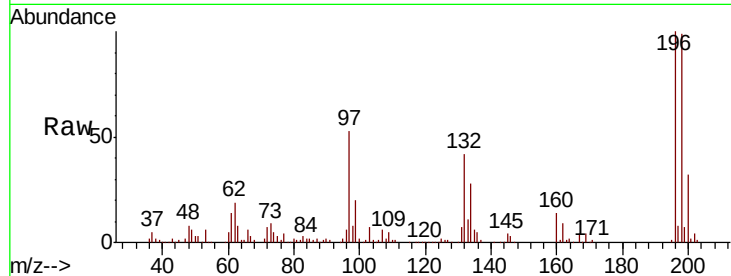
#43
 2,4,6-Trichlorophenol
 Concen: 45.549 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	224781		
198	99.3	79.1	118.7	
200	32.2	26.0	39.0	

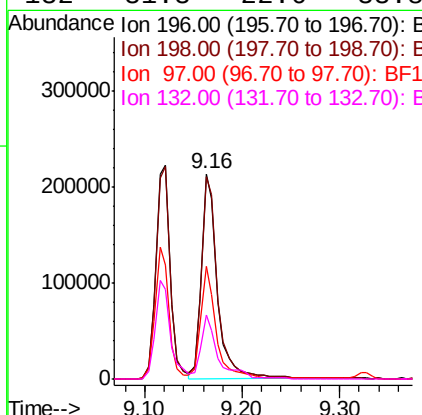
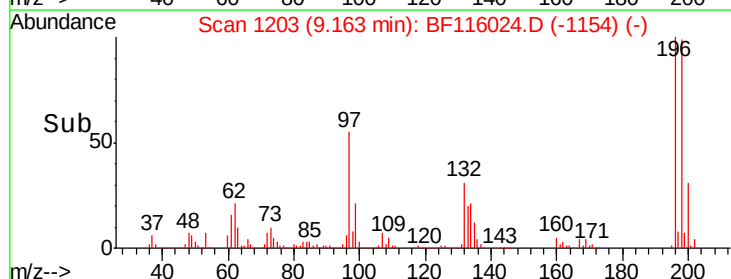
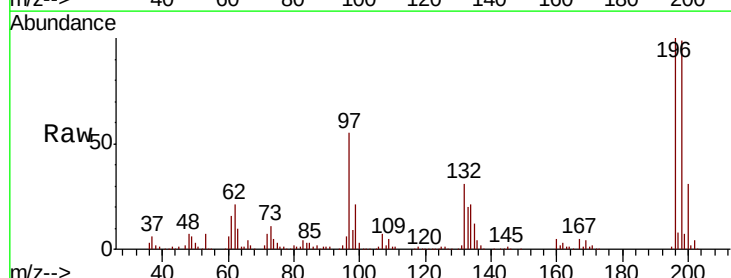
Manual Integrations
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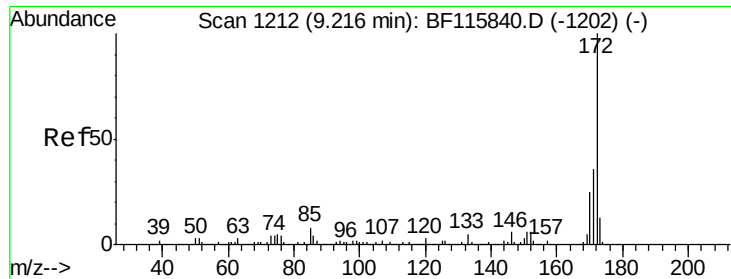
mohammad
 8/7/2019 4:42:06 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.298 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	241279		
198	99.0	80.1	120.1	
97	55.1	38.9	58.3	
132	31.3	22.6	33.8	





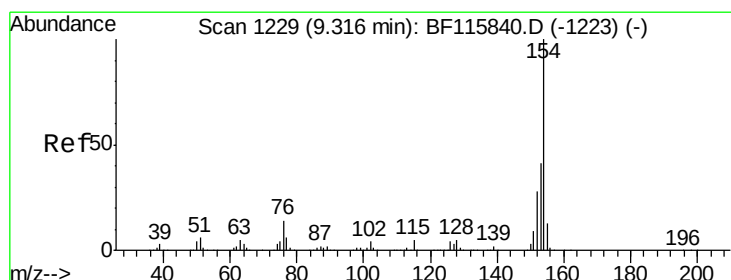
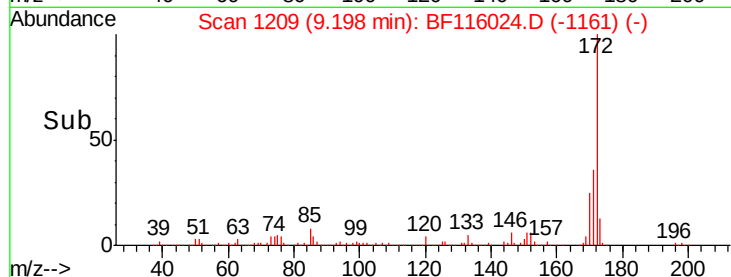
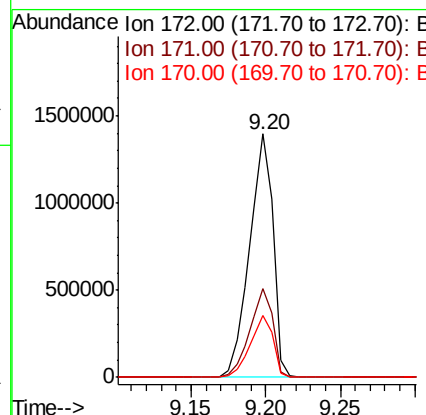
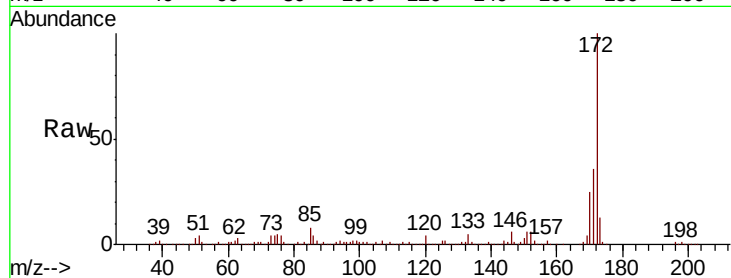
#45
2-Fluorobiphenyl
Concen: 105.468 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.1	43.7
170	25.4	20.1	30.1

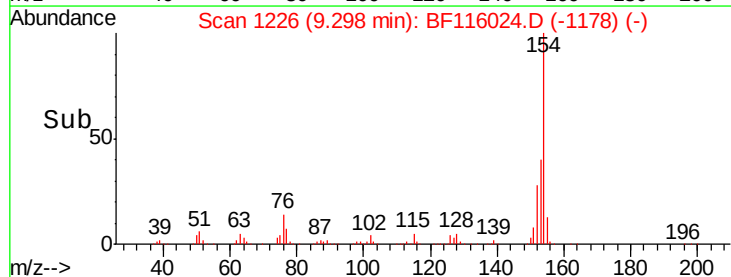
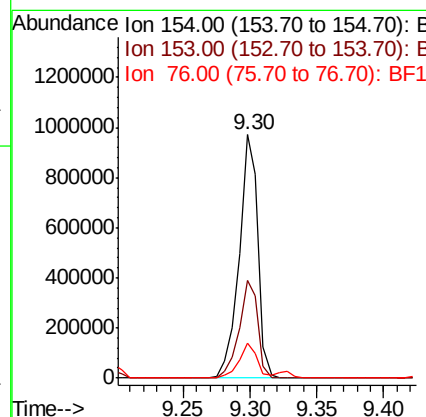
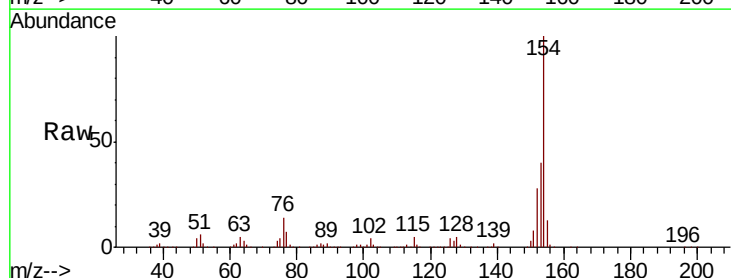
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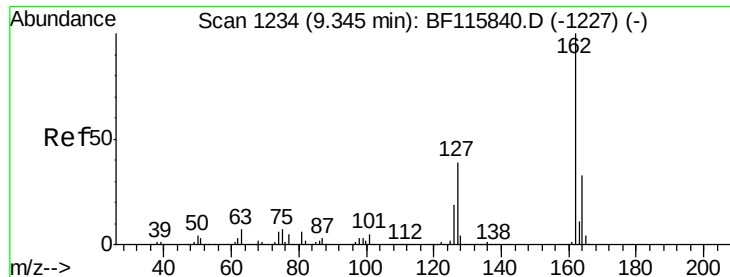
mohammad
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#46
1,1'-Biphenyl
Concen: 50.439 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.9	60.9
76	14.3	0.0	34.3





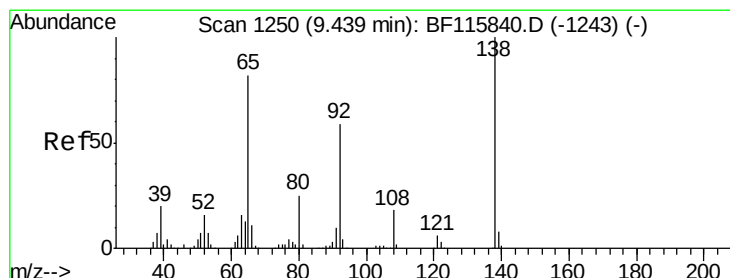
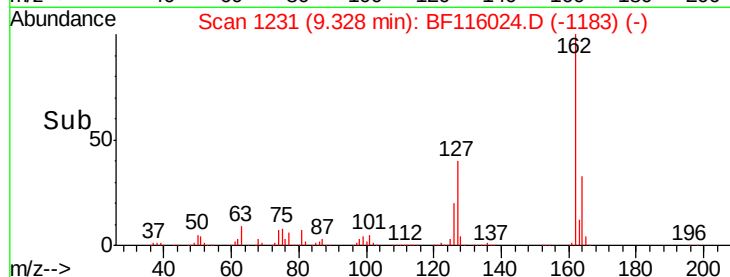
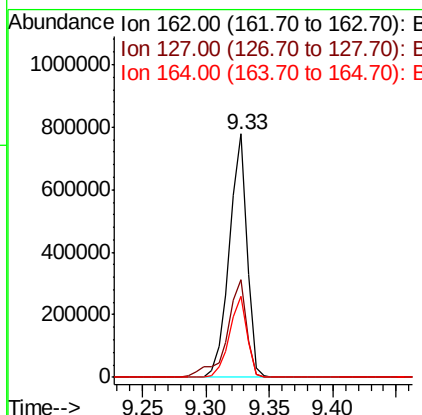
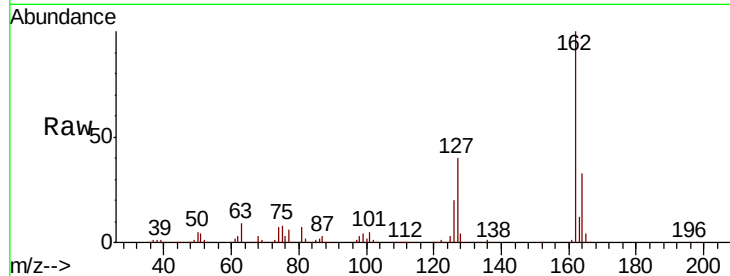
#47
 2-Chloronaphthalene
 Concen: 47.410 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		747101		
127	40.4	31.3	46.9		
164	33.1	26.6	40.0		

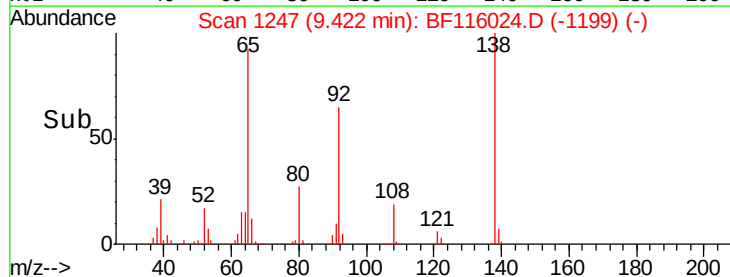
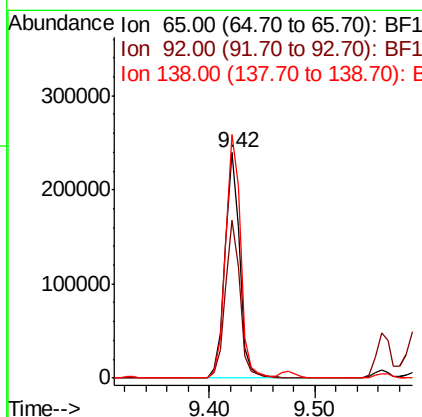
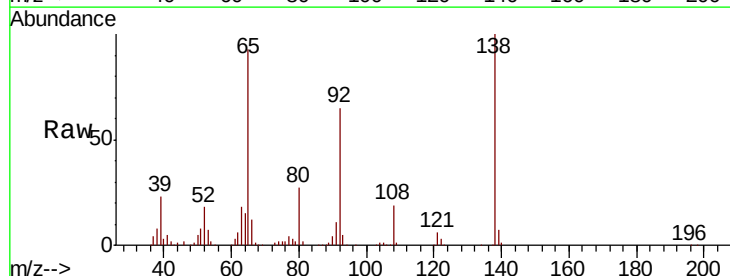
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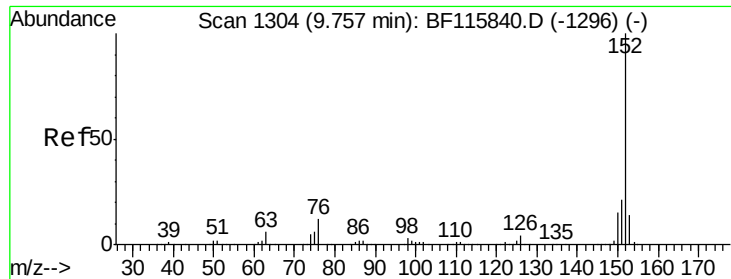
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#48
 2-Nitroaniline
 Concen: 44.766 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.02 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		233172		
92	69.7	57.1	85.7		
138	107.9	97.1	145.7		





#49

Acenaphthylene

Concen: 49.628 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-(0-1)COMPMS

Tot Ion:152 Resp: 1140933

Ion Ratio Lower Upper

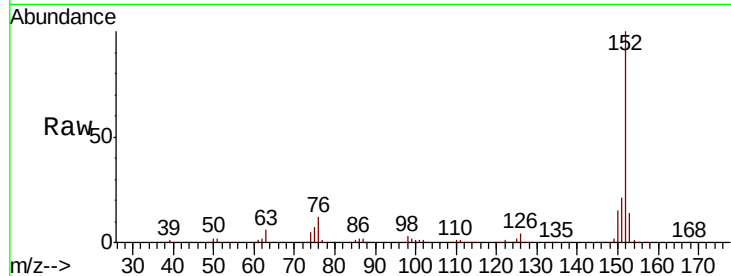
152 100

151 21.0 16.8 25.2

153 14.3 11.6 17.4

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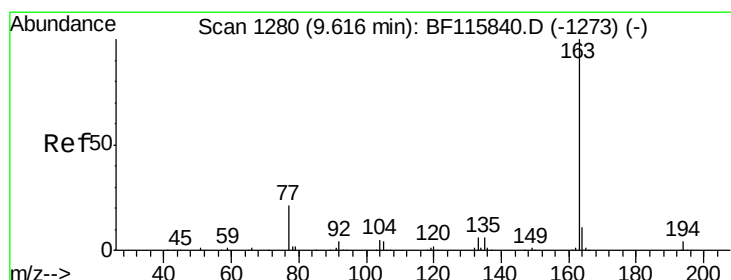
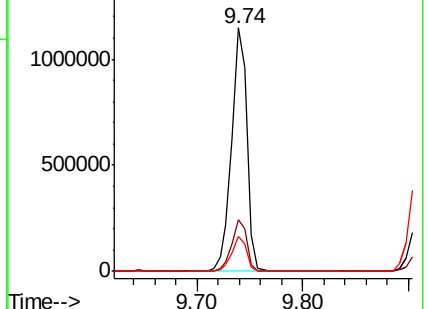
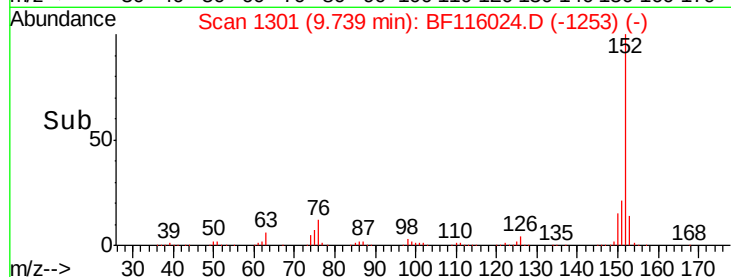
mohammad
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.843 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

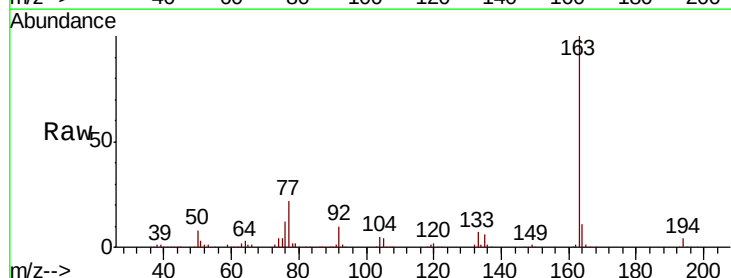
Tgt Ion:163 Resp: 873622

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

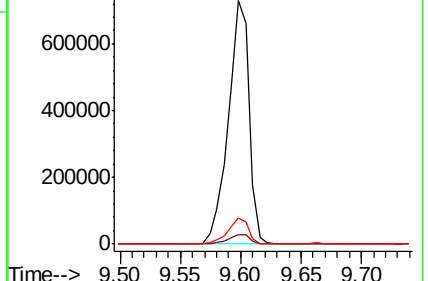
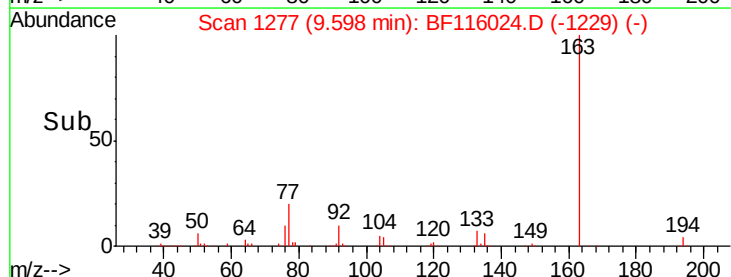
164 10.6 8.4 12.6

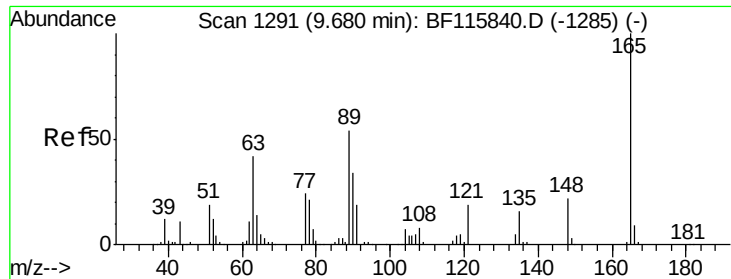


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





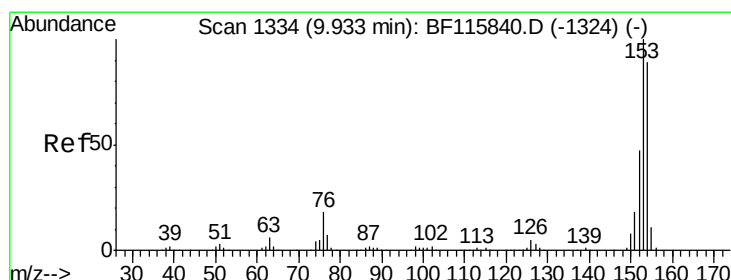
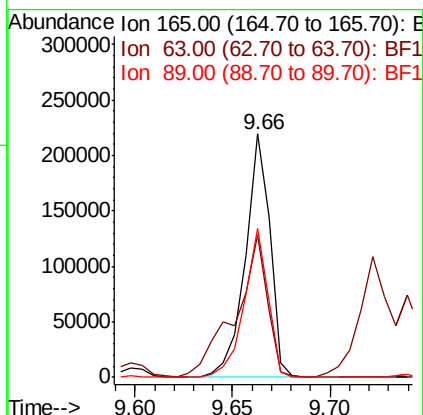
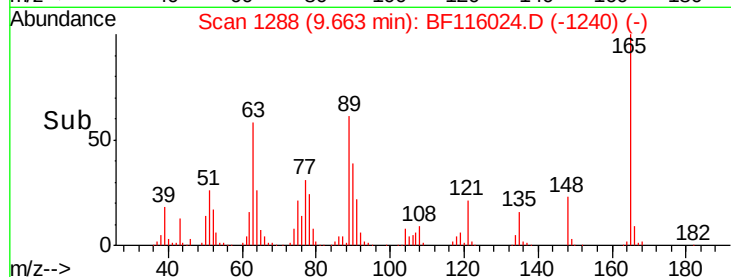
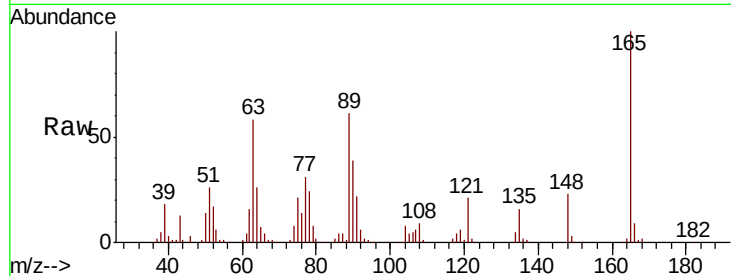
#51
2,6-Dinitrotoluene
Concen: 48.627 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	192961		
63	58.5	39.4	59.2	
89	61.2	43.0	64.6	

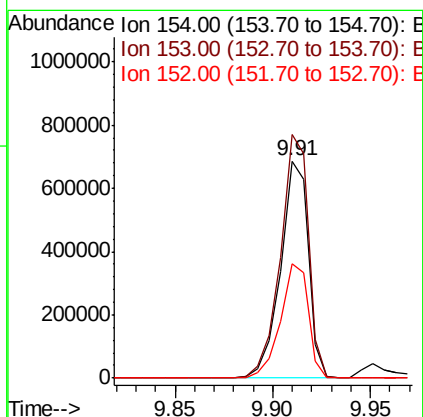
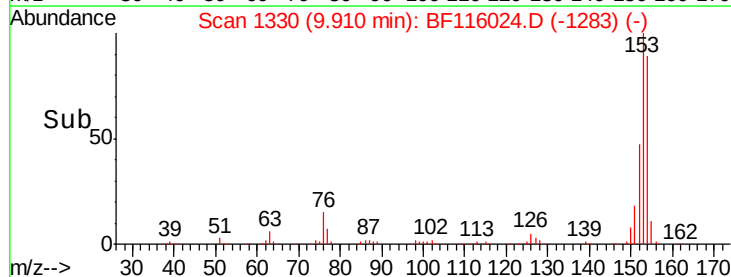
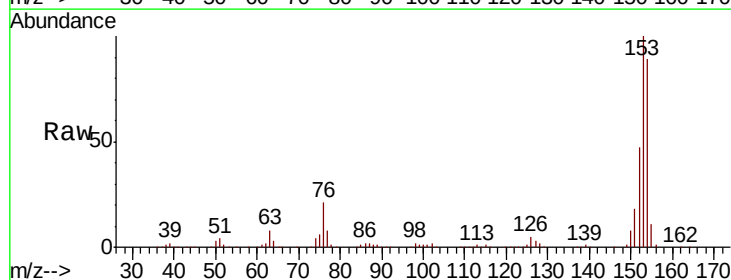
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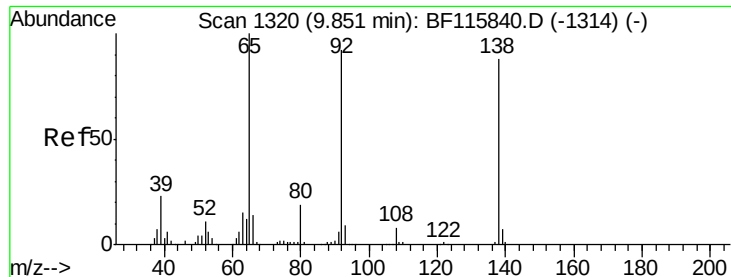
mohammad
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#52
Acenaphthene
Concen: 48.142 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	678993		
153	112.3	90.1	135.1	
152	53.0	42.6	63.8	





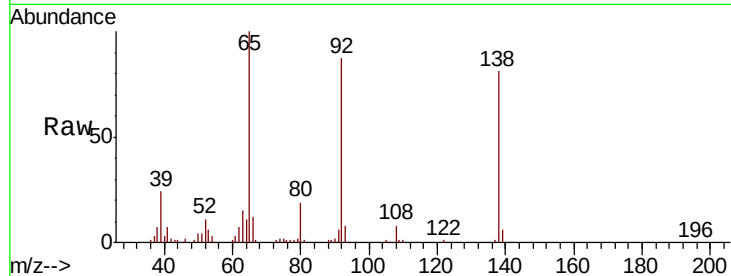
#53
 3-Nitroaniline
 Concen: 15.342 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.4	11.2
92	108.0	83.9	125.9

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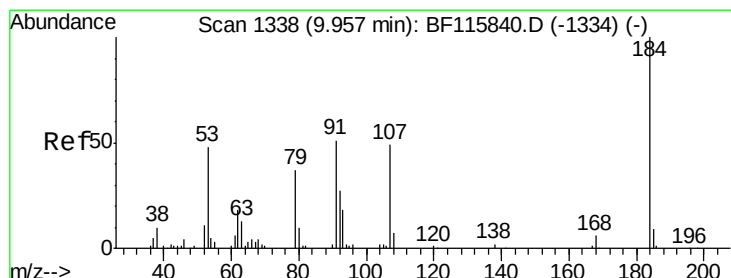
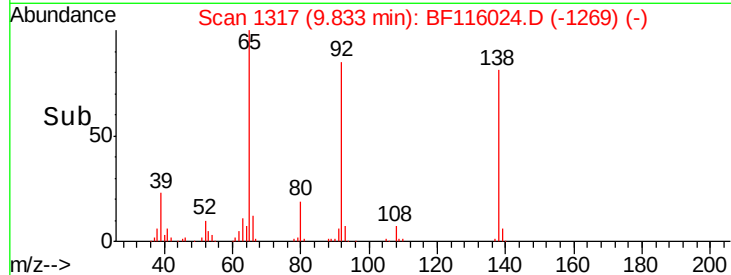
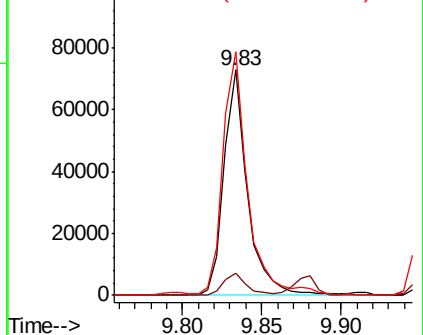


Abundance

Ion 138.00 (137.70 to 138.70): E

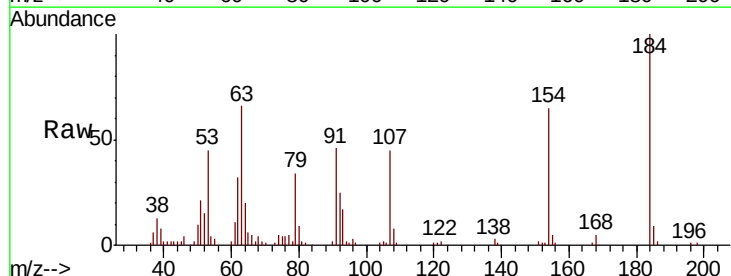
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
 2,4-Dinitrophenol
 Concen: 44.384 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.7	56.7	85.1
154	65.4	51.9	77.9

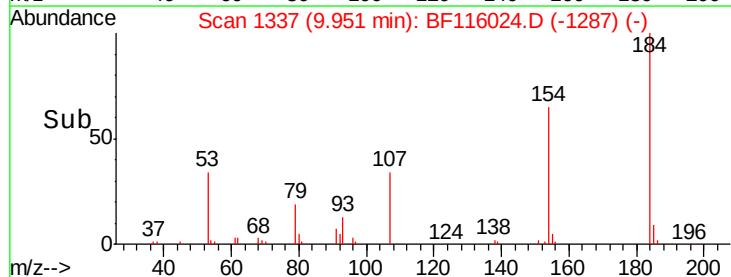
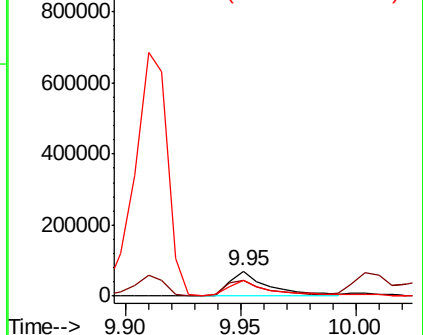


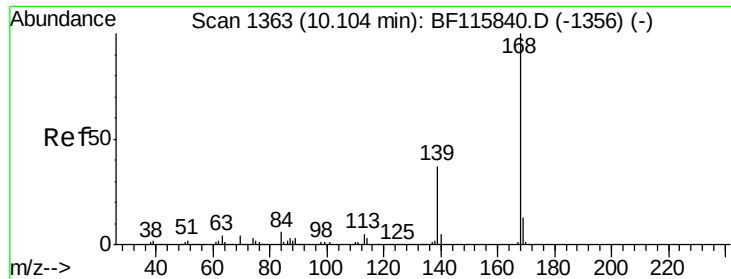
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 49.275 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-(0-1)COMPMS

Tot Ion:168 Resp: 1010659

Ion Ratio Lower Upper

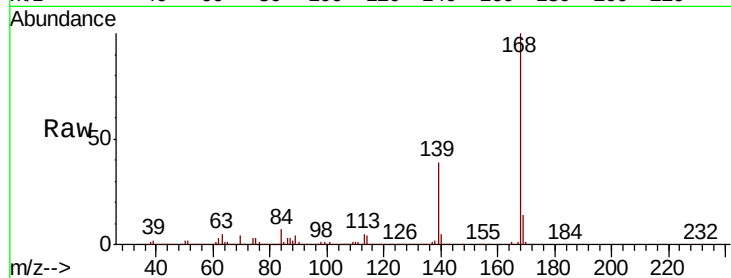
168 100

139 38.7 30.2 45.2

169 14.0 10.8 16.2

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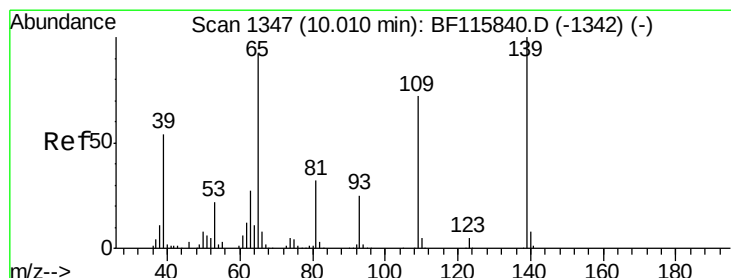
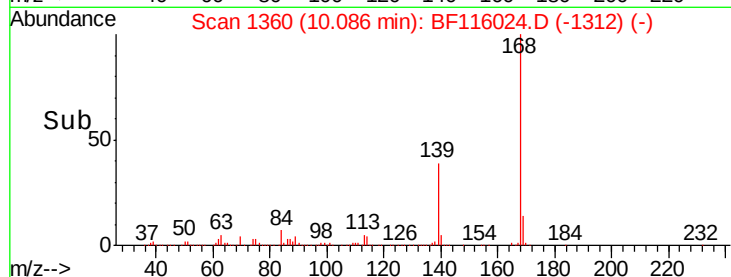
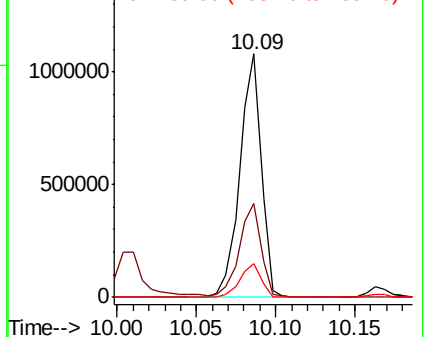


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 77.887 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

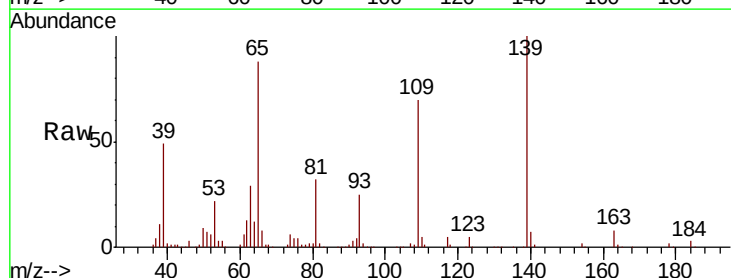
Tgt Ion:139 Resp: 244646

Ion Ratio Lower Upper

139 100

109 69.6 52.0 92.0

65 87.6 72.6 112.6

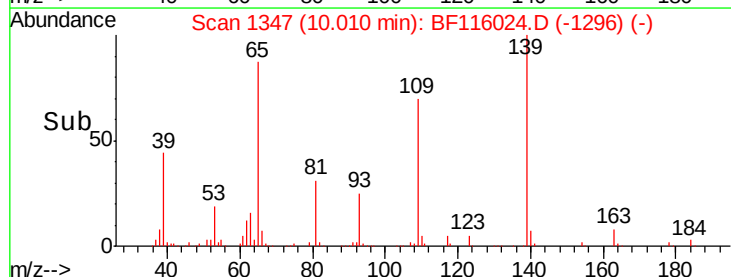
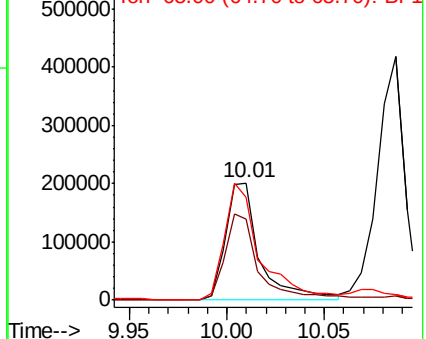


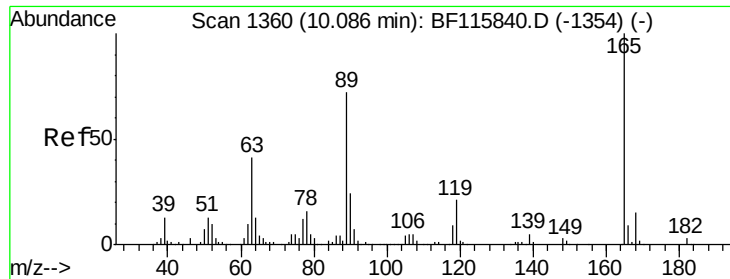
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





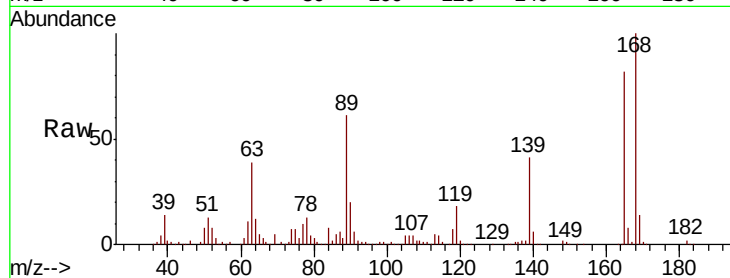
#57
 2,4-Dinitrotoluene
 Concen: 46.802 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMS

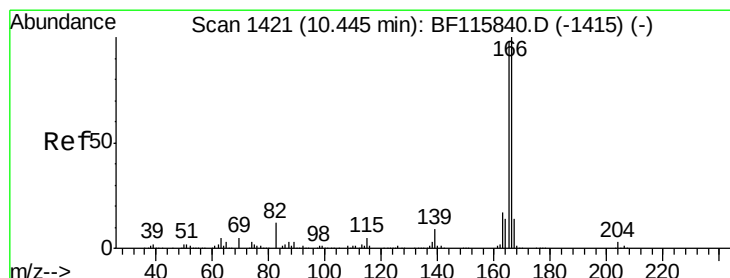
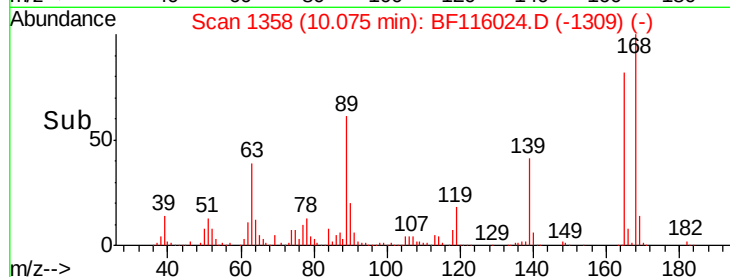
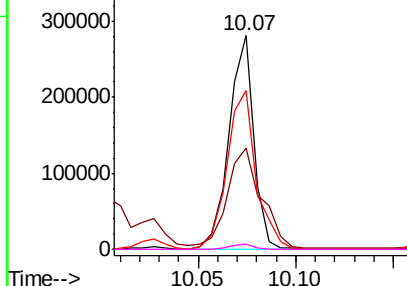
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.3	33.2	49.8
89	74.3	57.3	85.9
182	2.5	2.1	3.1

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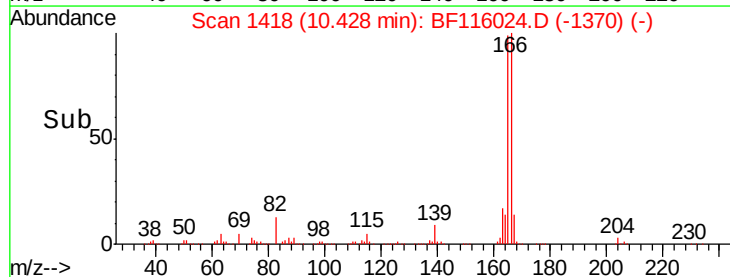
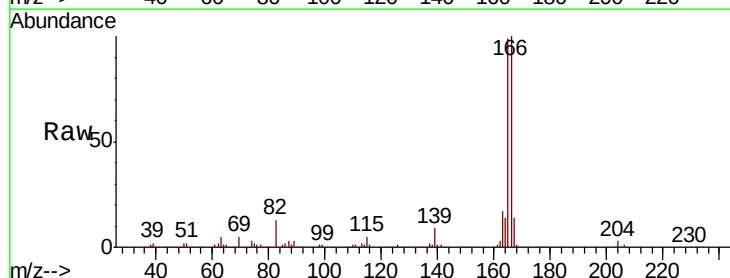
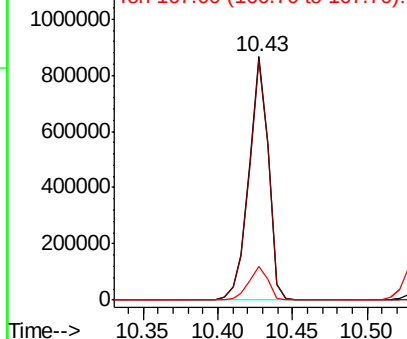
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

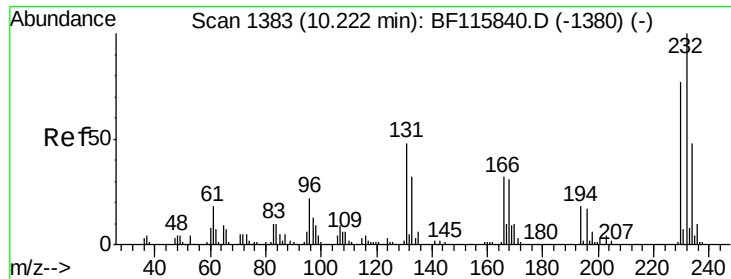


#58
 Fluorene
 Concen: 49.092 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.02 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	118.0
167	14.0	10.9	16.3

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





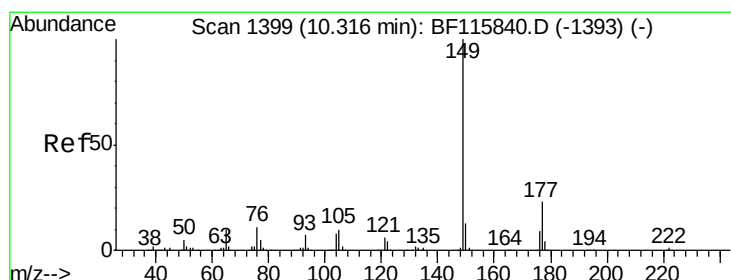
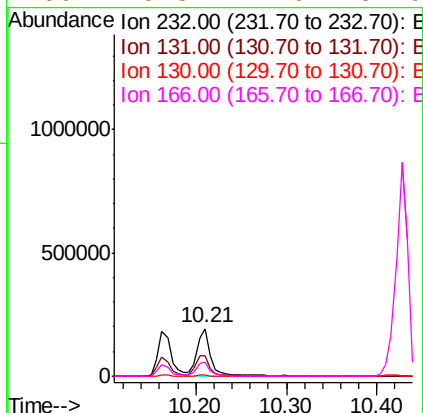
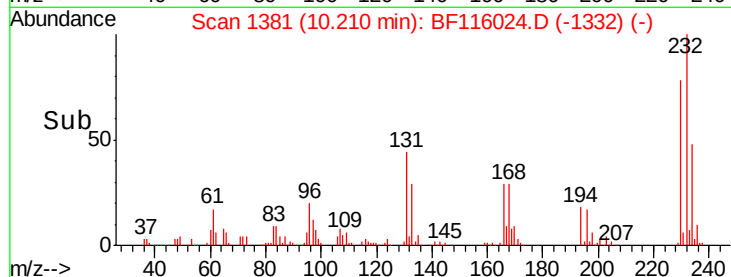
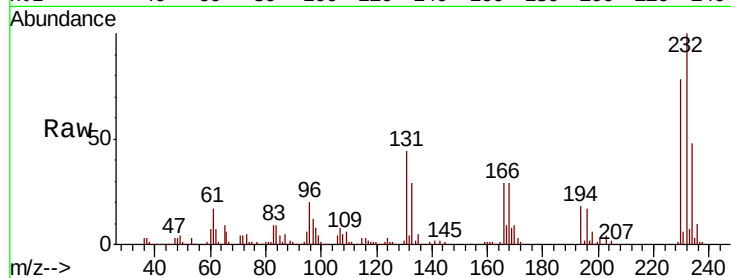
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.162 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.8	37.6	56.4
130	2.4	1.8	2.8
166	29.8	24.6	37.0

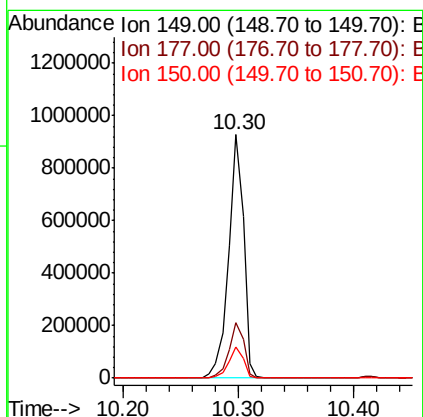
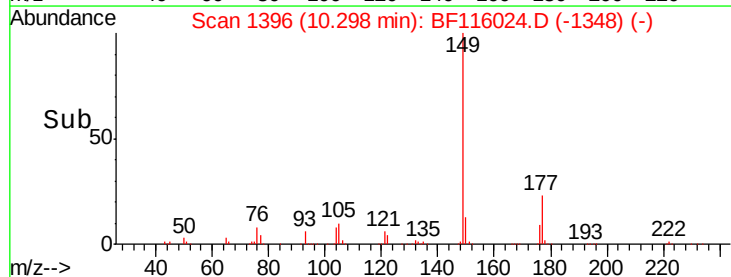
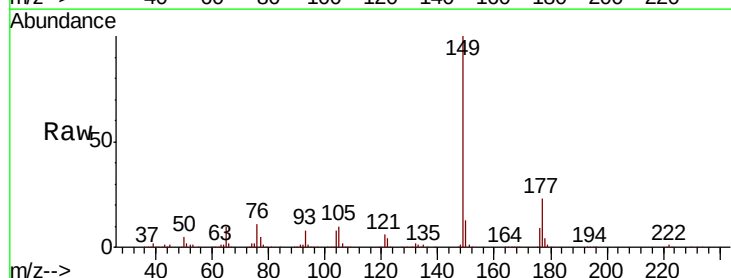
Manual Integrations
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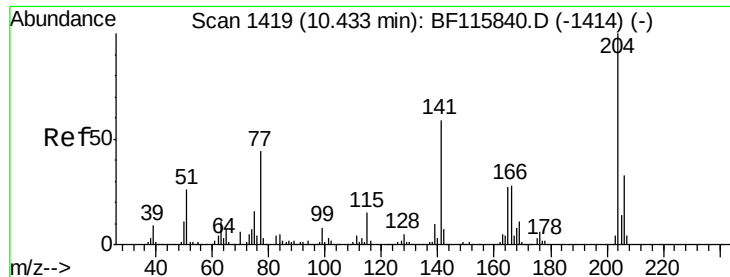
mohammad
8/7/2019 4:42:06 PM



#60
Diethylphthalate
Concen: 48.913 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.4	27.6
150	12.7	10.1	15.1





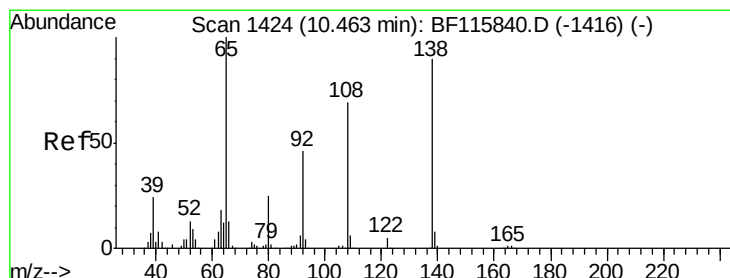
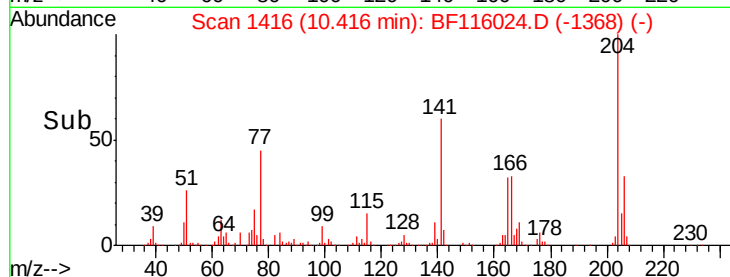
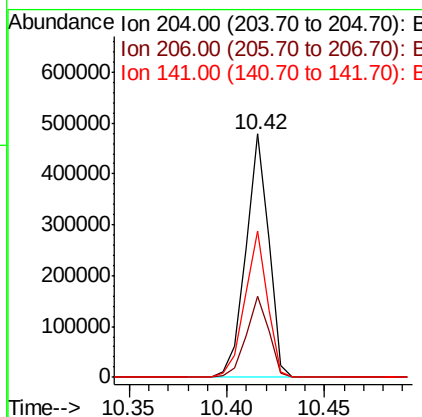
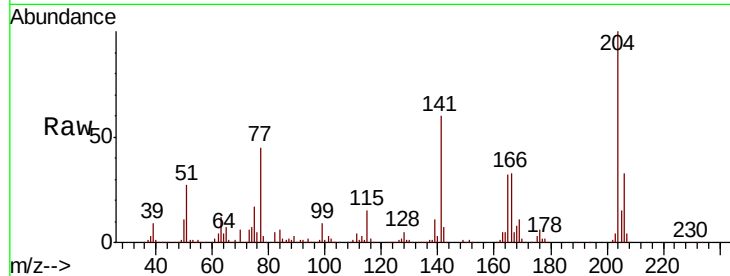
#61
4-Chlorophenyl-phenylether
Concen: 48.547 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.4	39.6
141	59.9	47.0	70.4

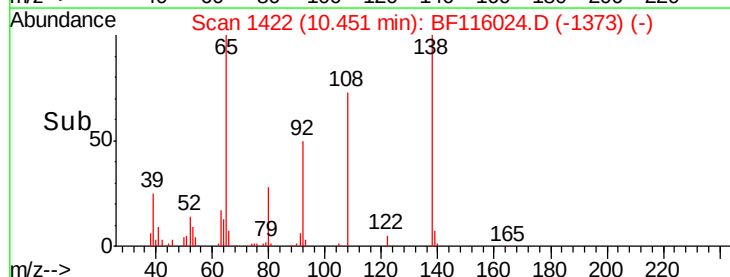
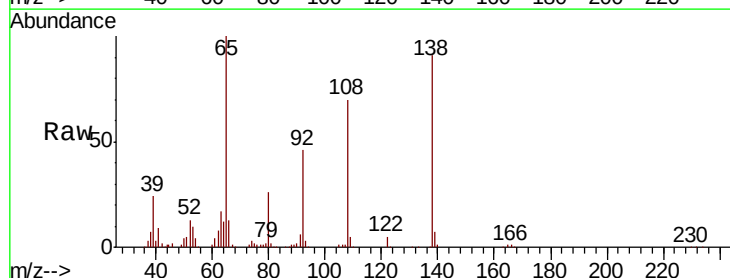
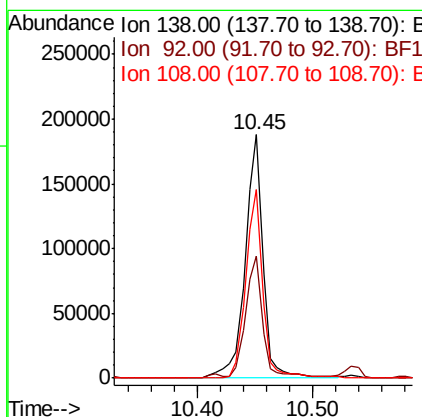
Manual Integrations
APPROVED

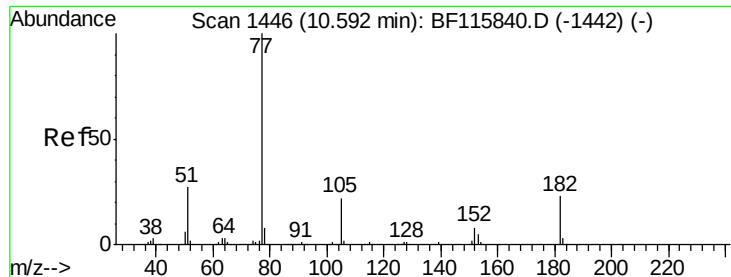
mohammad
8/7/2019 4:42:06 PM



#62
4-Nitroaniline
Concen: 39.856 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.3	31.0	71.0
108	77.5	56.7	96.7





#63

Azobenzene

Concen: 49.477 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

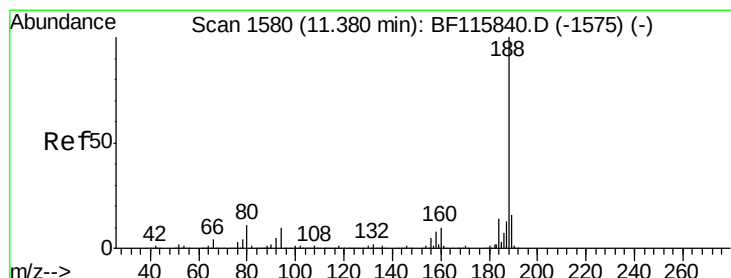
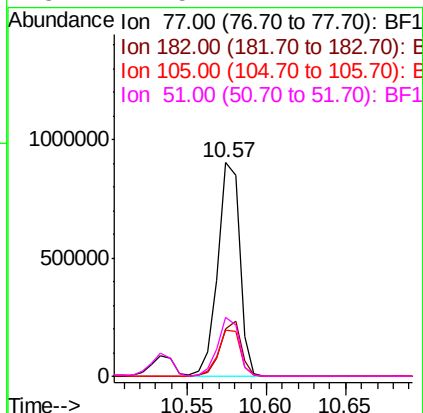
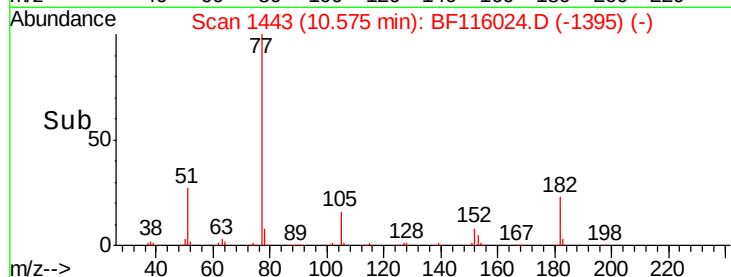
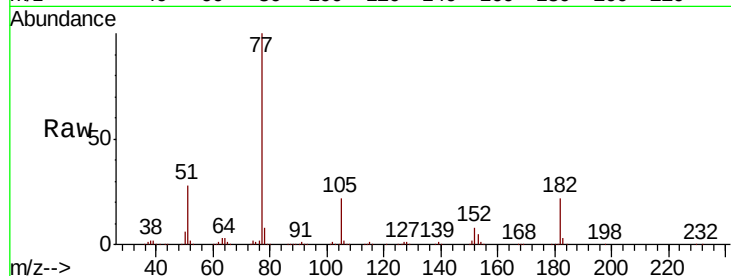
ClientSampleId :

2S-E1-E4-(0-1)COMPMS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.3	2.6	42.6	
105	21.6	1.6	41.6	
51	27.5	7.4	47.4	

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

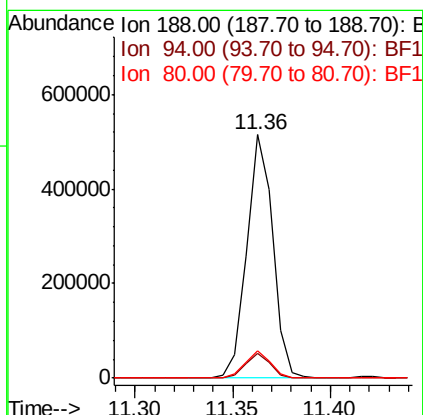
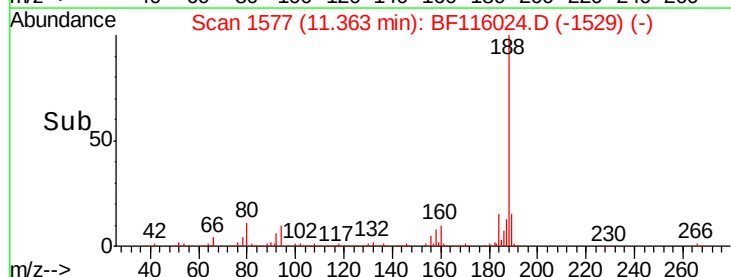
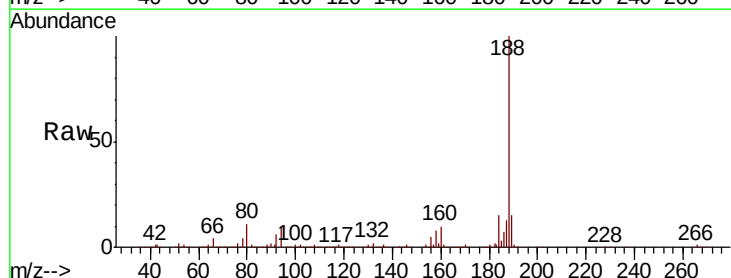
RT: 11.36 min Scan# 1577

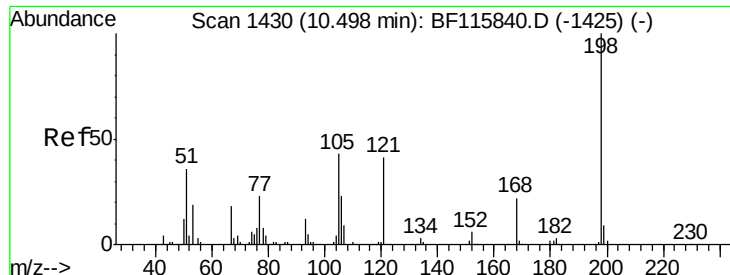
Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.2	8.0	12.0	
80	11.3	8.6	12.8	





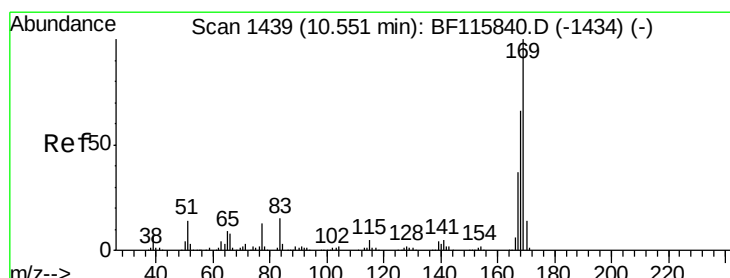
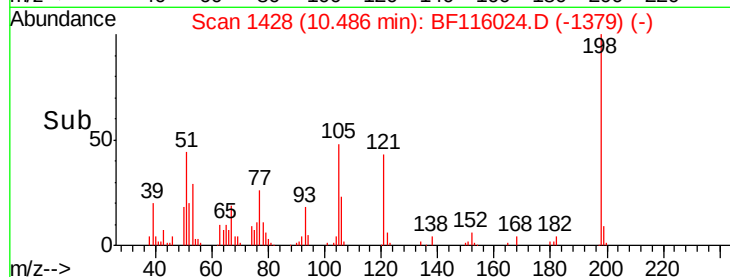
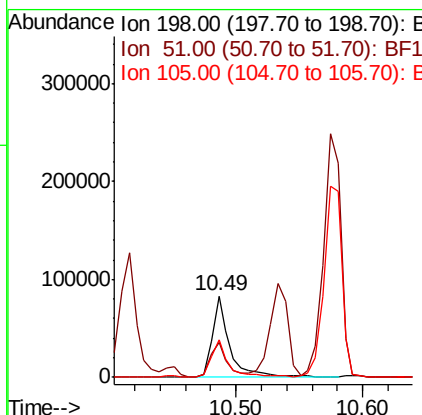
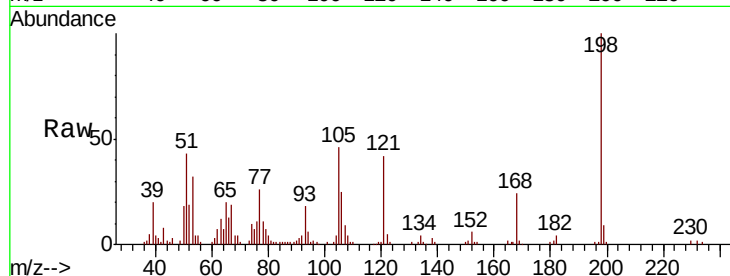
#65
4,6-Dinitro-2-methylphenol
Concen: 32.003 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	80658		
51	43.2		21.1	61.1
105	45.8		24.5	64.5

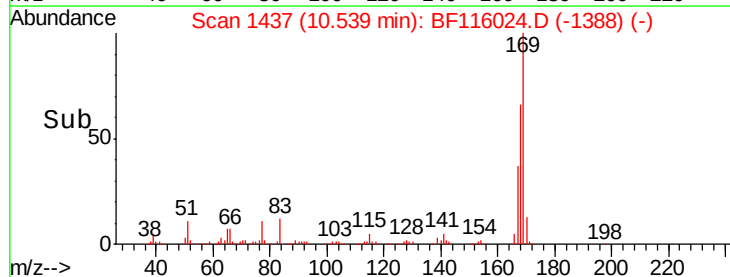
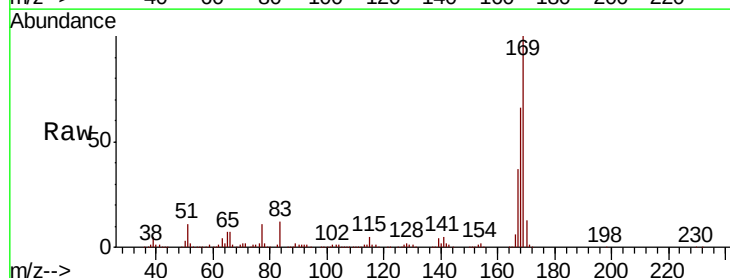
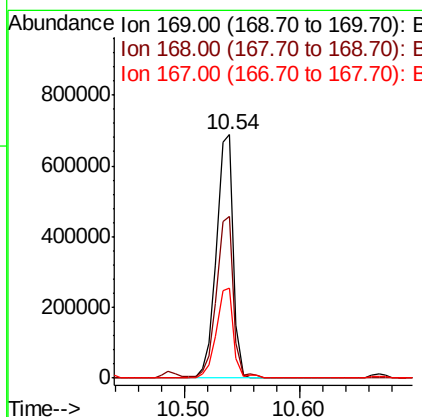
Manual Integrations
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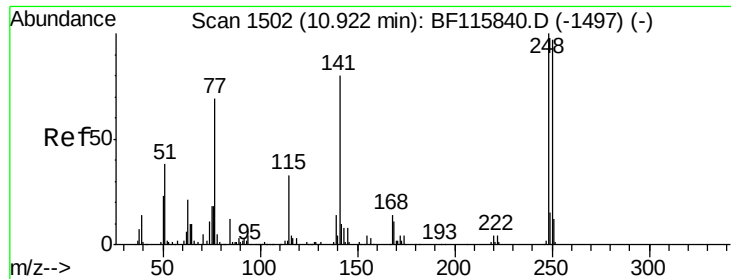
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#66
n-Nitrosodiphenylamine
Concen: 48.519 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	694538		
168	66.4		53.0	79.6
167	36.9		29.9	44.9





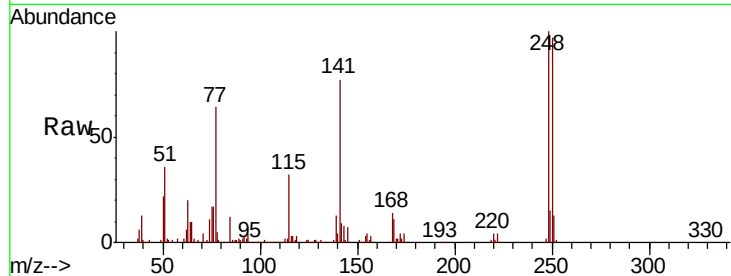
#67
4-Bromophenyl-phenylether
Concen: 47.323 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.8	116.6
141	77.0	64.3	96.5

Manual Integrations
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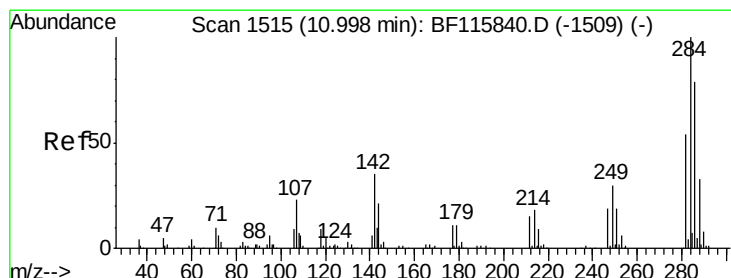
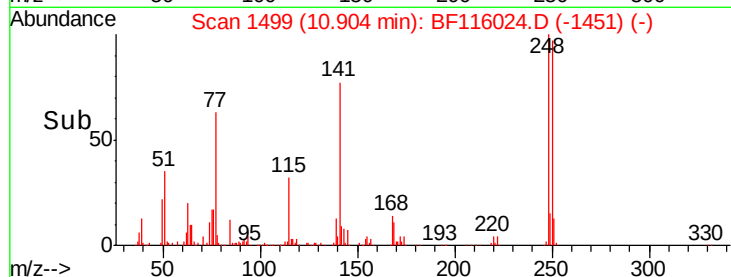
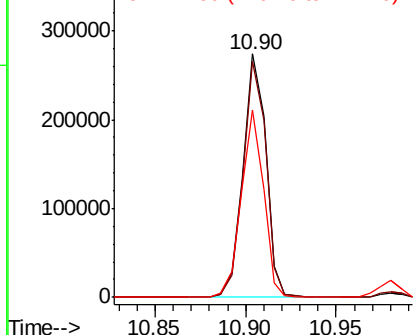


Abundance

Ion 248.00 (247.70 to 248.70): E

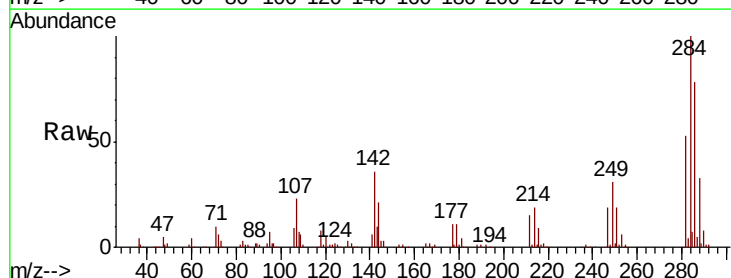
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.526 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	28.2	42.2
249	30.6	24.0	36.0

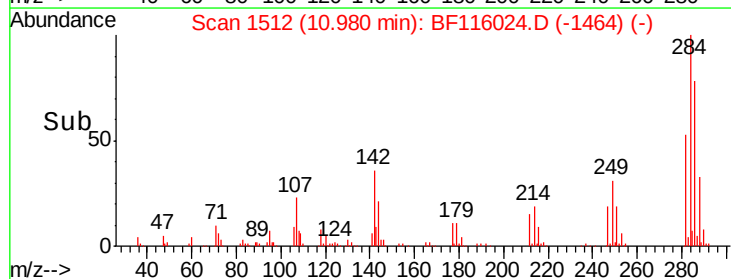
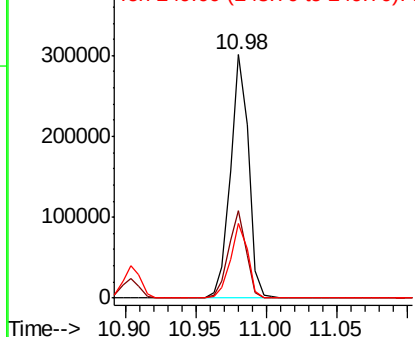


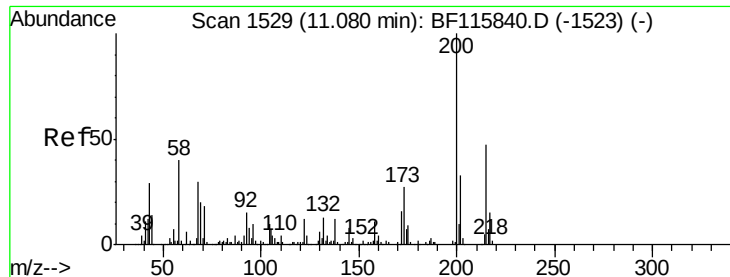
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





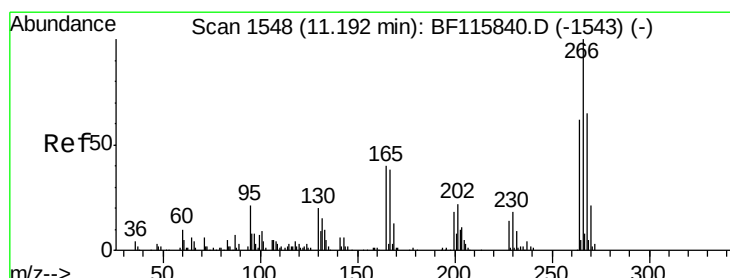
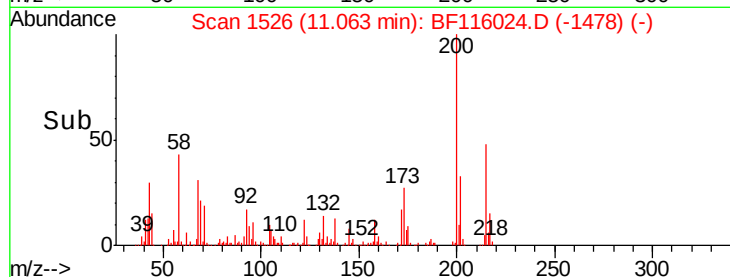
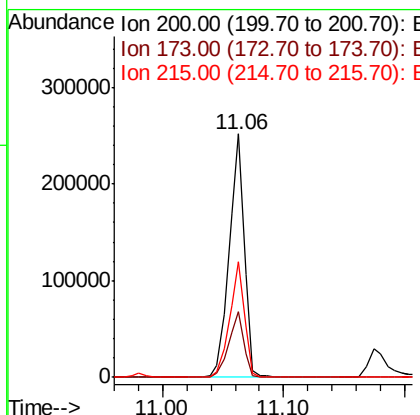
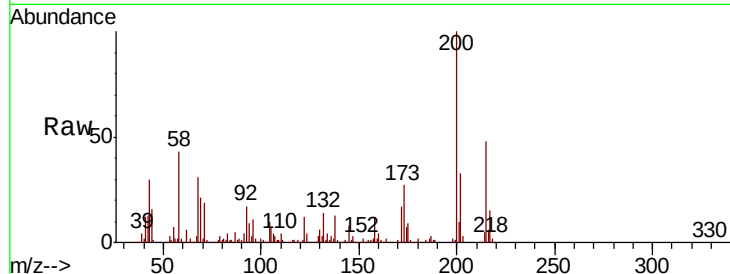
#69
Atrazine
Concen: 46.827 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	220523		
173	27.0	7.3	47.3	
215	47.7	26.9	66.9	

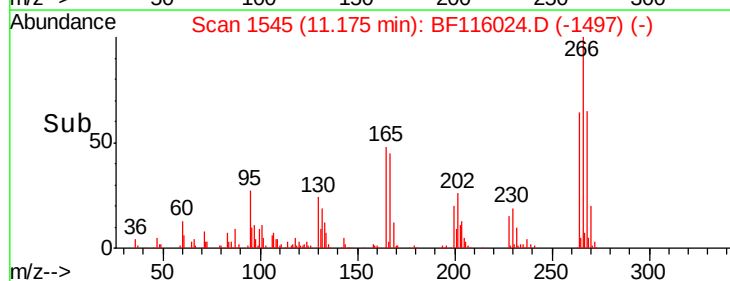
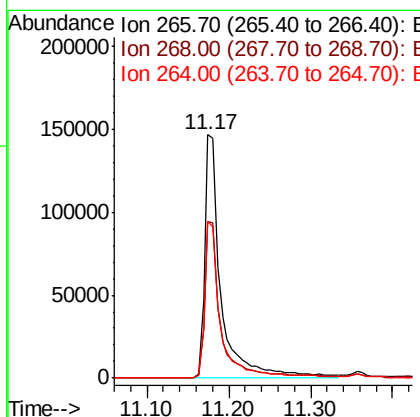
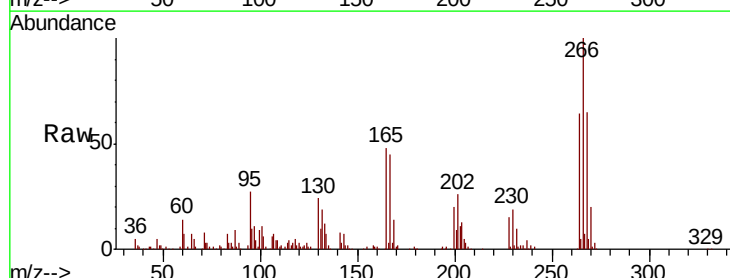
Manual Integrations
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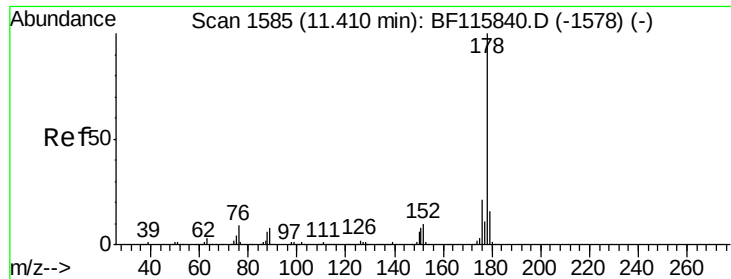
mohammad
8/7/2019 4:42:06 PM



#70
Pentachlorophenol
Concen: 72.531 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	207307		
268	64.5	51.6	77.4	
264	64.5	49.4	74.0	





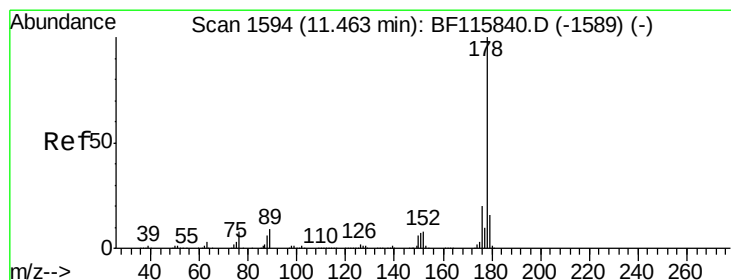
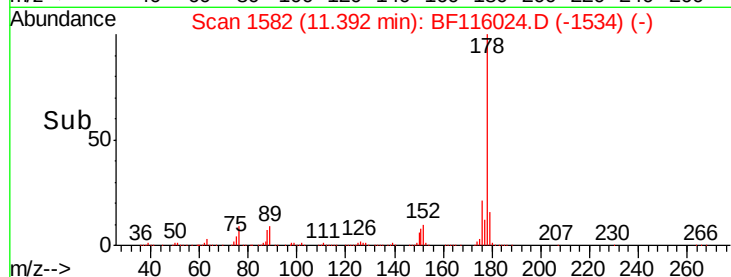
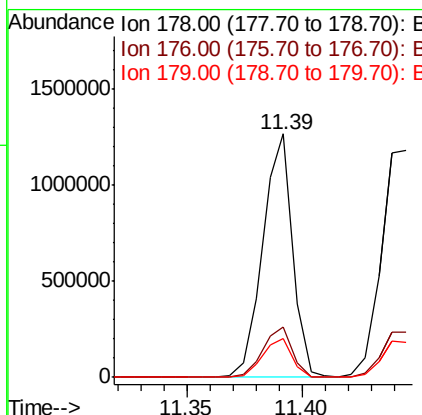
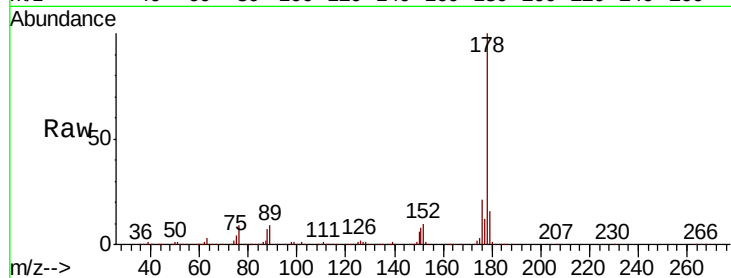
#71
Phenanthrene
Concen: 46.650 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Tot Ion:178 Resp: 1134222
Ion Ratio Lower Upper
178 100
176 20.8 16.5 24.7
179 16.1 12.6 18.8

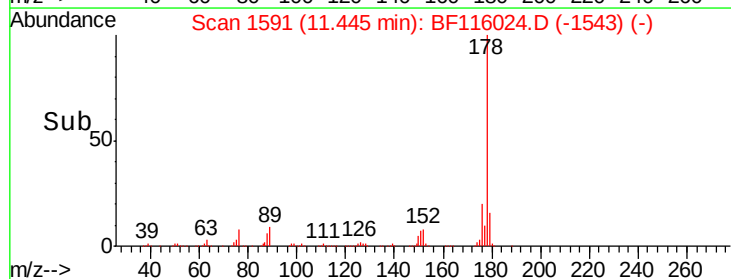
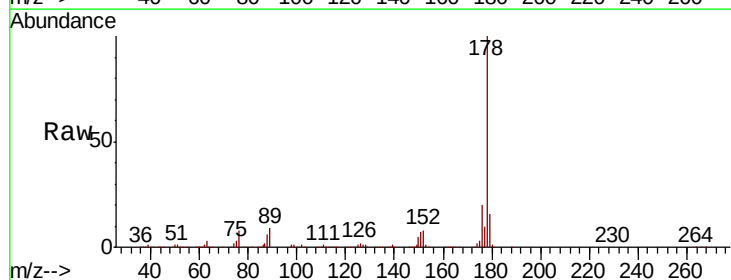
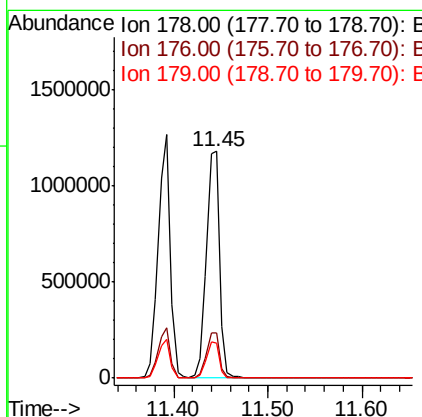
Manual Integrations
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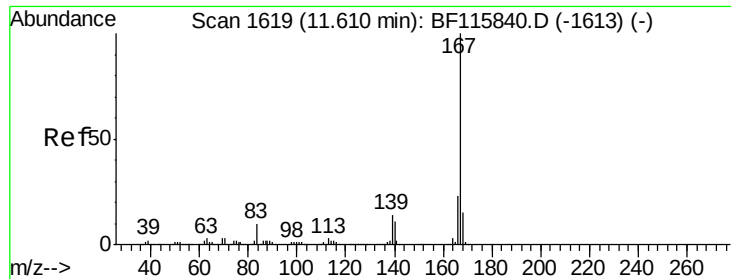
mohammad
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#72
Anthracene
Concen: 47.626 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion:178 Resp: 1171890
Ion Ratio Lower Upper
178 100
176 20.0 15.7 23.5
179 15.6 12.4 18.6





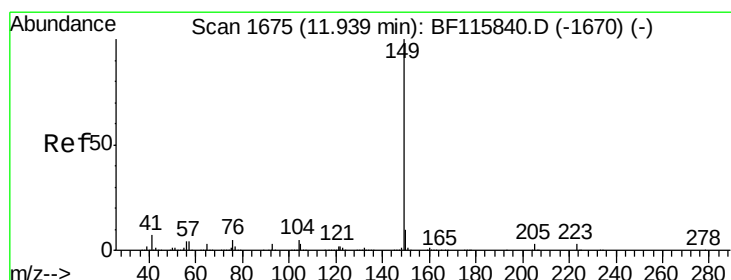
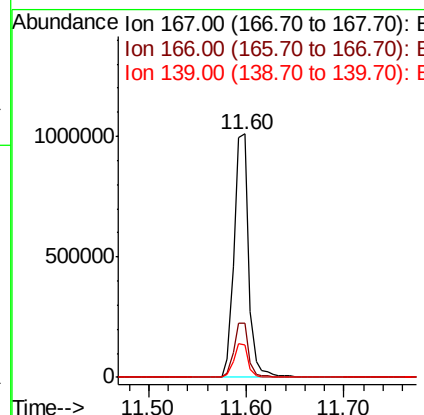
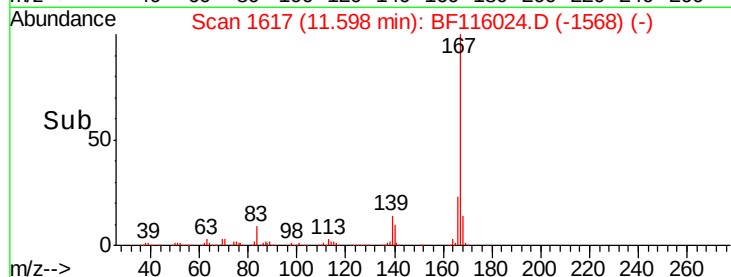
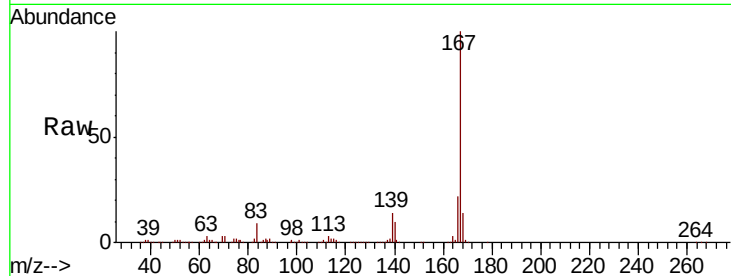
#73
 Carbazole
 Concen: 47.150 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.0	27.0
139	13.5	11.4	17.2

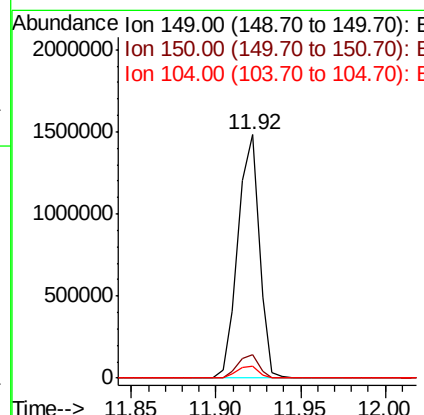
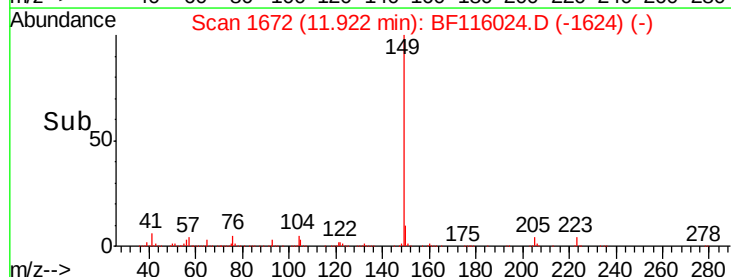
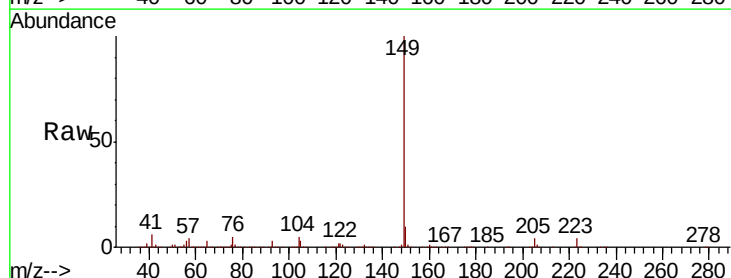
Manual Integrations
 APPROVED

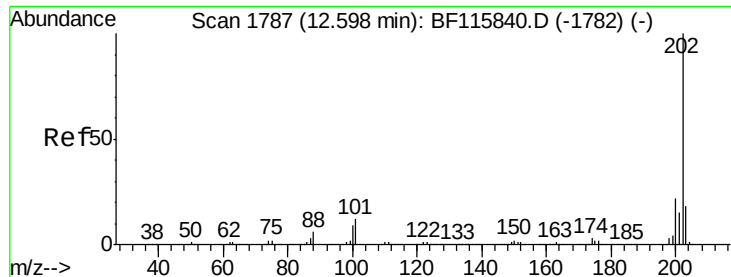
mohammad
 8/7/2019 4:42:06 PM



#74
 Di-n-butylphthalate
 Concen: 50.093 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.02 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.1	4.3	6.5





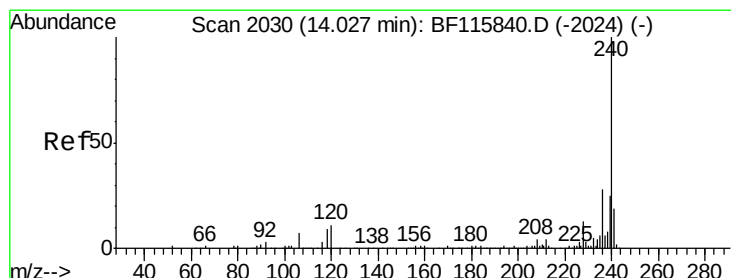
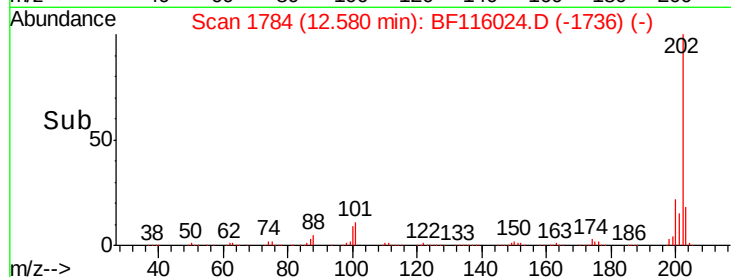
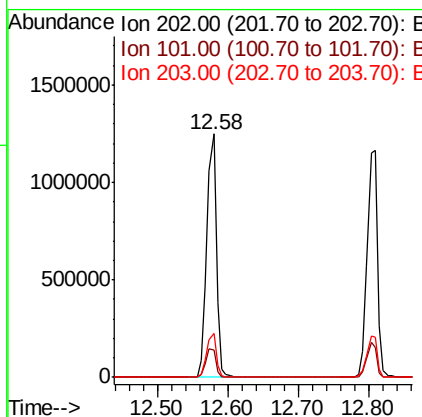
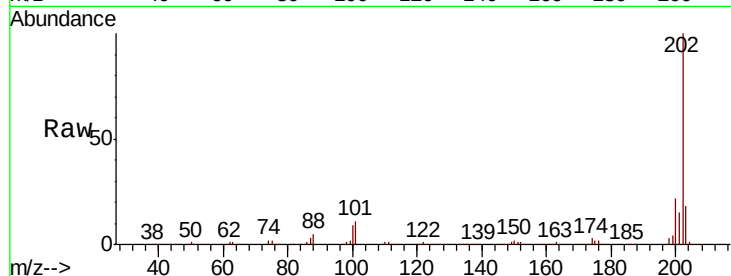
#75
 Fluoranthene
 Concen: 46.365 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.02 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1180146		
101	11.5		0.0	31.5
203	17.8		0.0	37.9

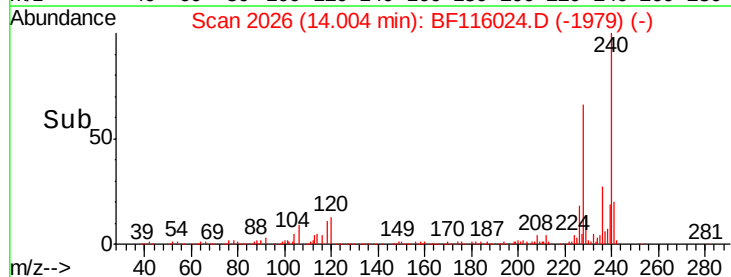
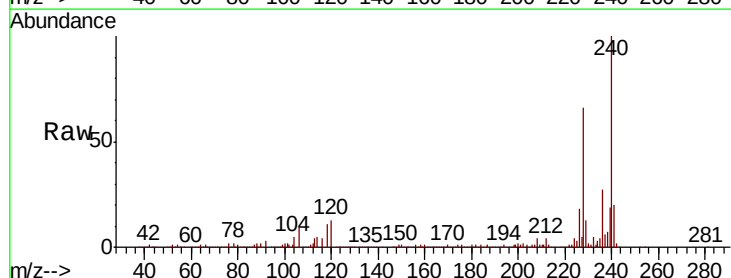
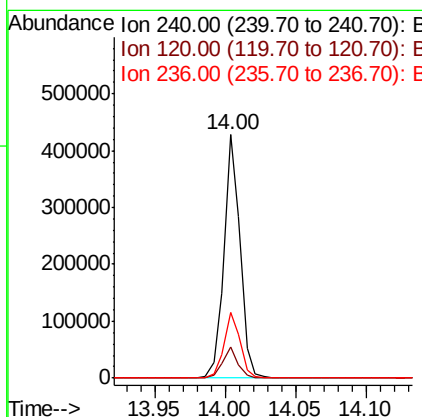
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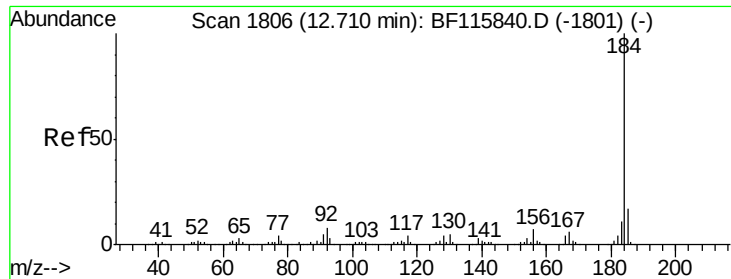
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	338809		
120	12.8		8.5	12.7#
236	27.0		22.2	33.2





#77

Benzidine

Concen: 4.630 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Instrument :

BNA_F

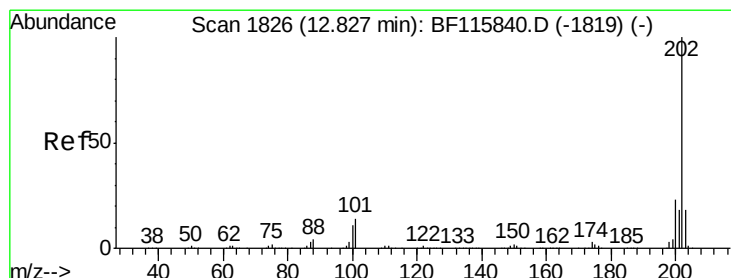
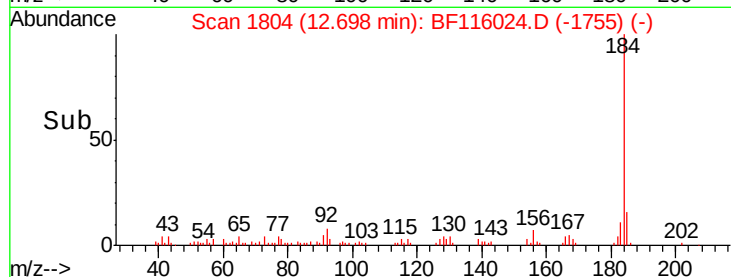
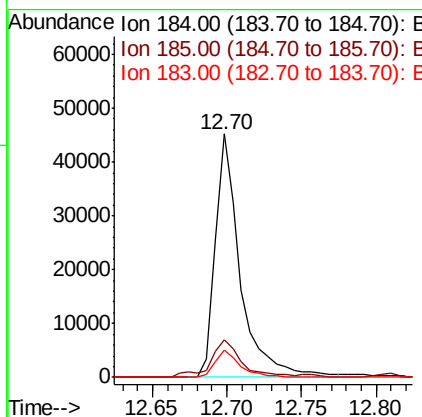
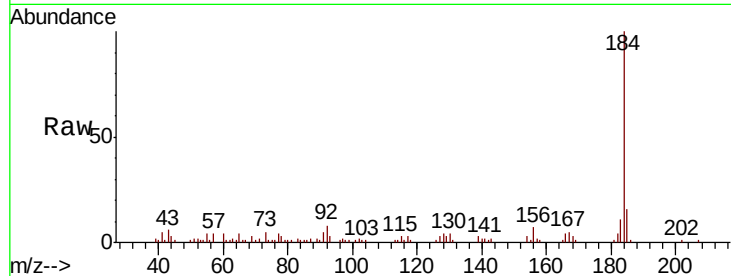
ClientSampleId :

2S-E1-E4-(0-1)COMPMS

Tot Ion:	184	Resp:	52994
Ion Ratio	Lower	Upper	
184	100		
185	15.6	13.4	20.2
183	11.3	9.1	13.7

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#78

Pyrene

Concen: 46.628 ng

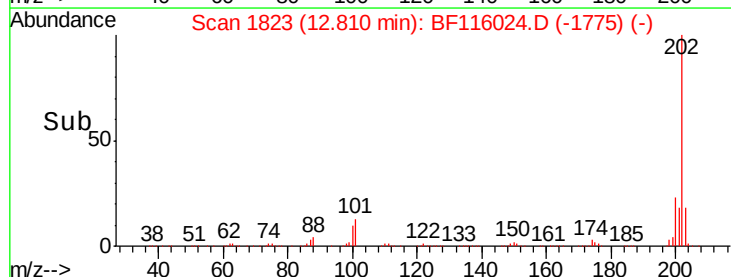
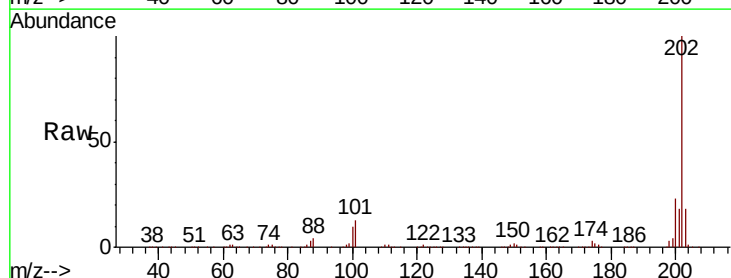
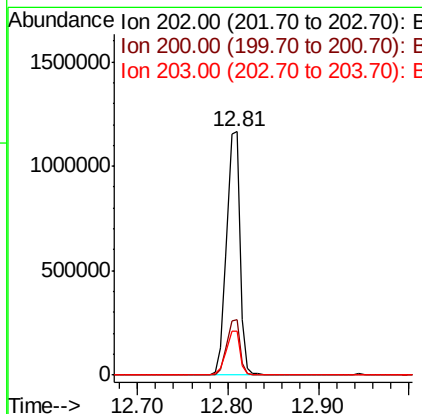
RT: 12.81 min Scan# 1823

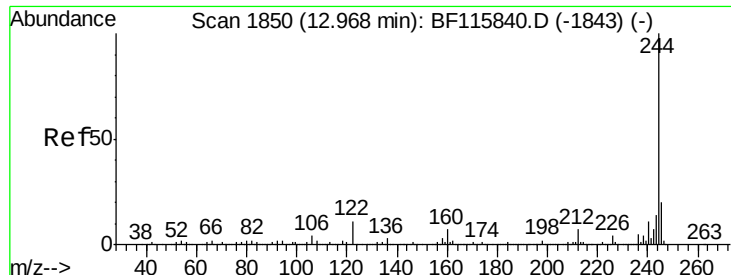
Delta R.T. -0.02 min

Lab File: BF116024.D

Acq: 6 Aug 2019 20:15

Tgt Ion:	202	Resp:	1190872
Ion Ratio	Lower	Upper	
202	100		
200	22.9	18.2	27.2
203	17.8	14.3	21.5





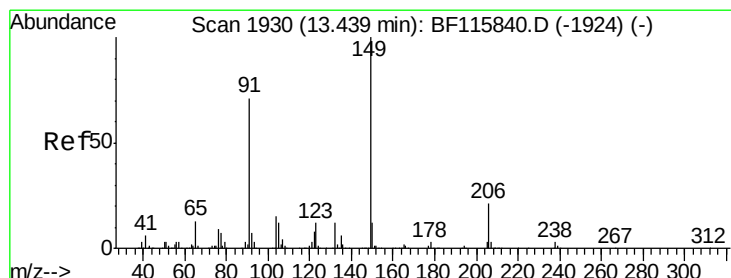
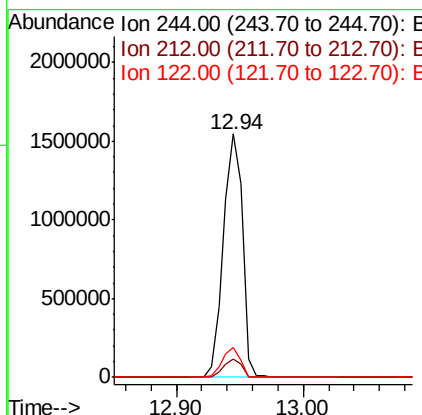
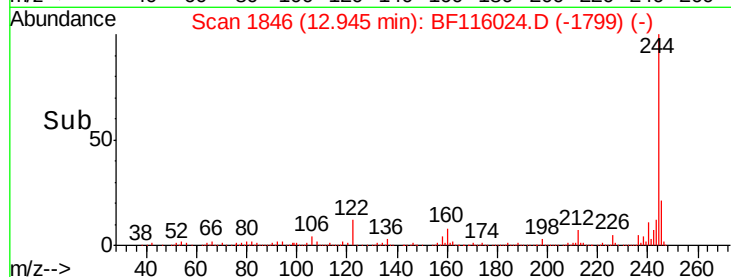
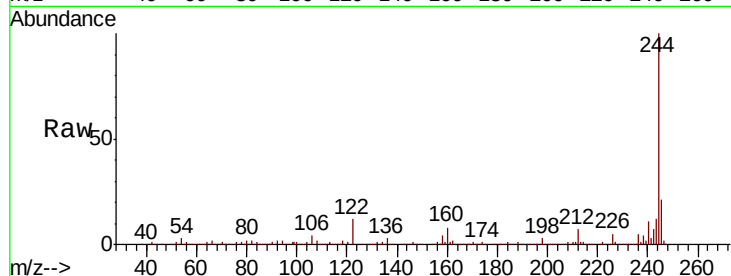
#79
 Terphenyl-d14
 Concen: 100.691 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMS

Tot Ion:244 Resp: 1619000
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.6 8.4
 122 12.1 8.6 13.0

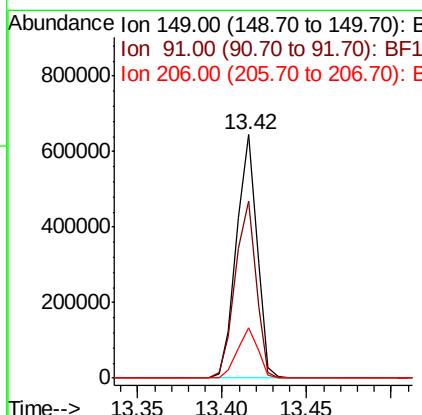
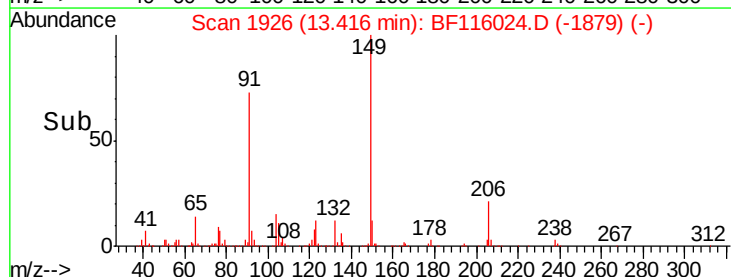
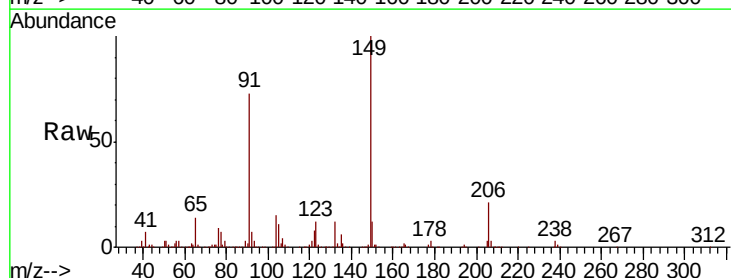
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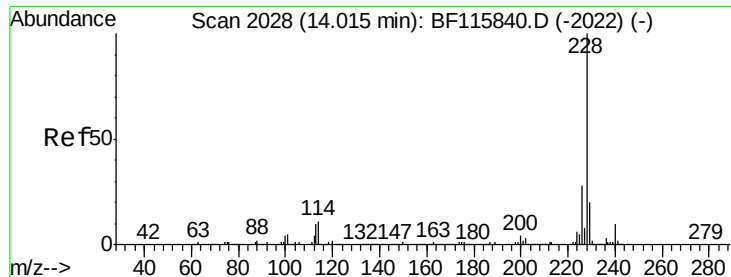
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#80
 Butylbenzylphthalate
 Concen: 50.439 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.02 min
 Lab File: BF116024.D
 Acq: 6 Aug 2019 20:15

Tgt Ion:149 Resp: 544921
 Ion Ratio Lower Upper
 149 100
 91 73.0 57.0 85.6
 206 20.8 16.9 25.3





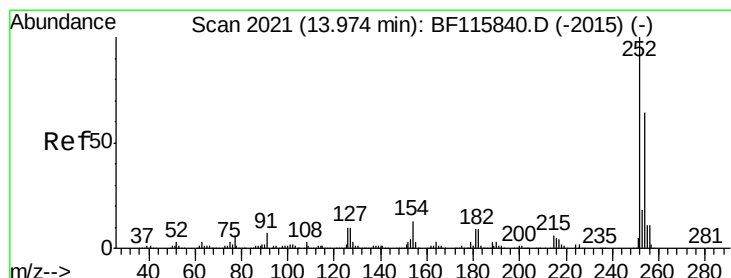
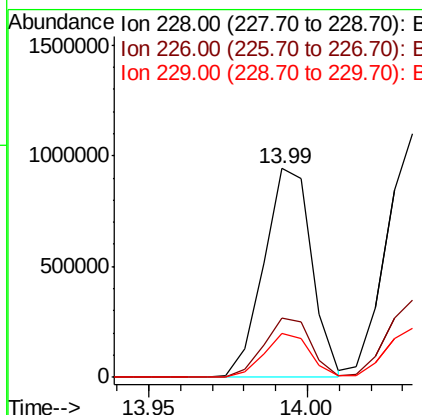
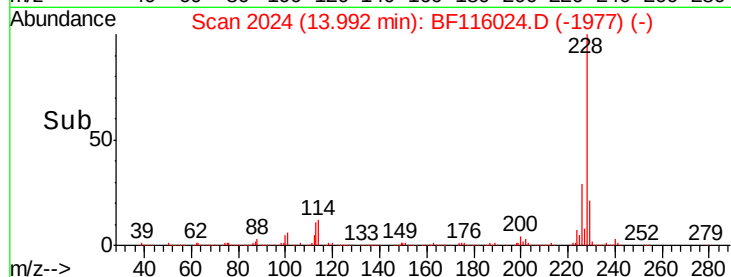
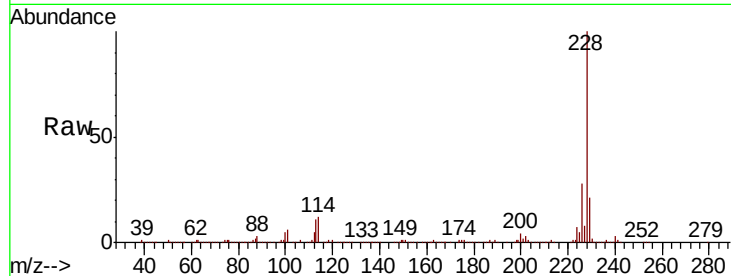
#81
Benzo(a)anthracene
Concen: 45.589 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Tot Ion:	228	Resp:	987250
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.5	33.7
229	20.8	16.1	24.1

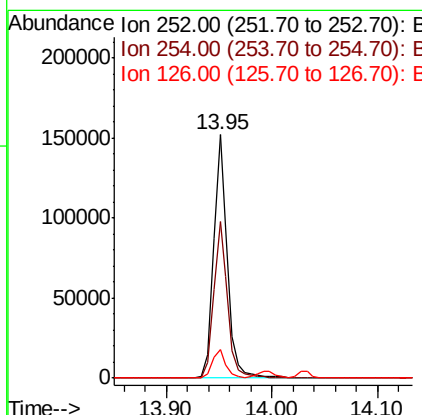
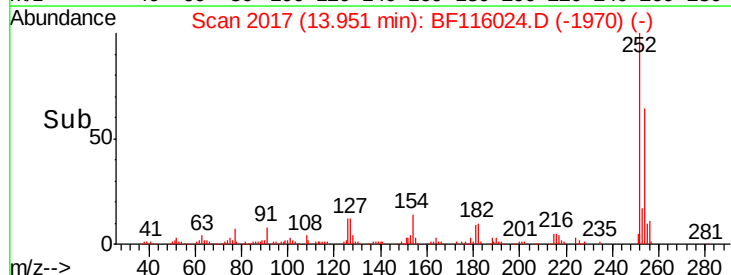
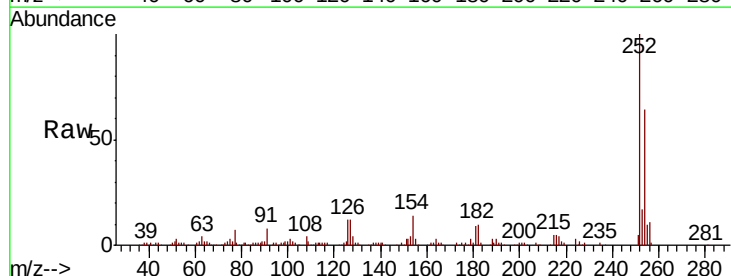
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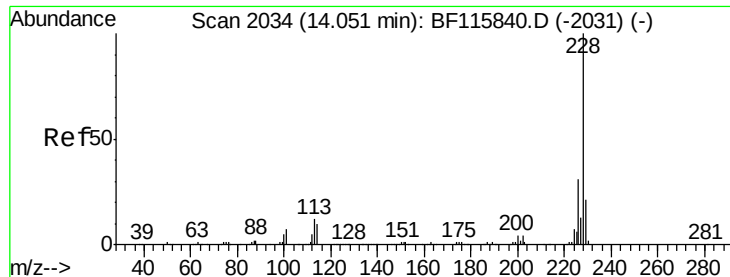
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#82
3,3'-Dichlorobenzidine
Concen: 18.696 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion:	252	Resp:	140660
Ion Ratio	Lower	Upper	
252	100		
254	64.4	51.2	76.8
126	11.5	8.1	12.1





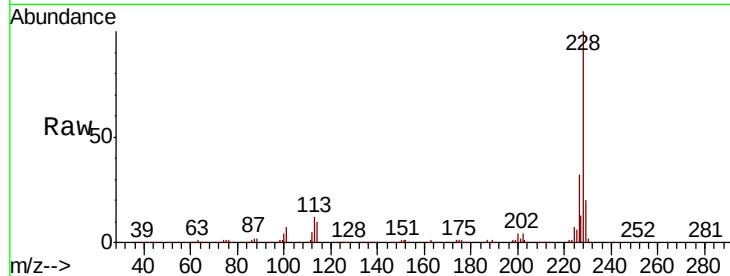
#83
Chrysene
Concen: 46.625 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

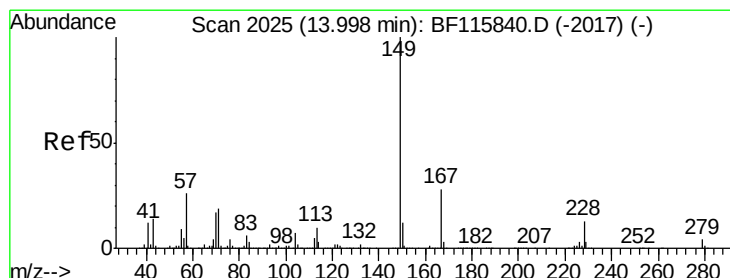
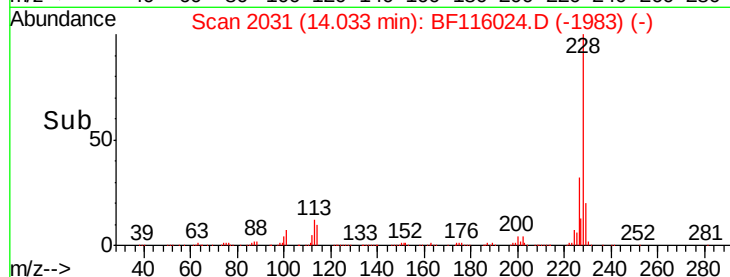
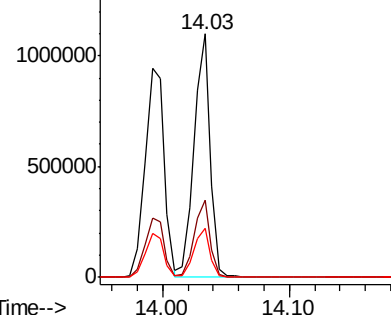
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.8	37.2
229	20.4	16.4	24.6

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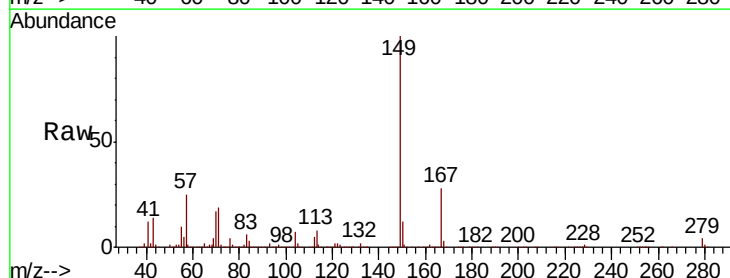


Abundance Ion 228.00 (227.70 to 228.70): E
1500000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

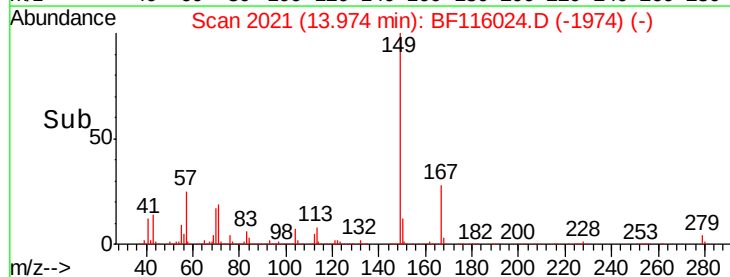
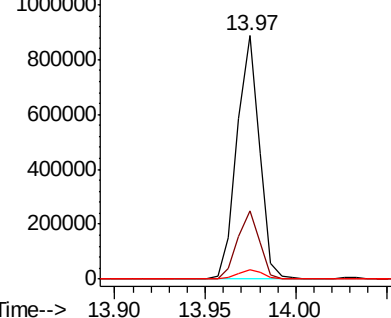


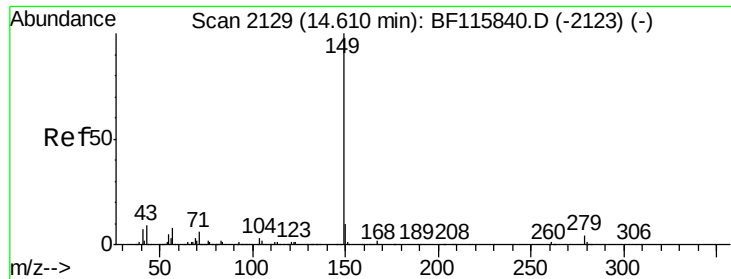
#84
Bis(2-ethylhexyl)phthalate
Concen: 54.534 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.4	33.6
279	4.1	3.3	4.9



Abundance Ion 149.00 (148.70 to 149.70): E
1200000 Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





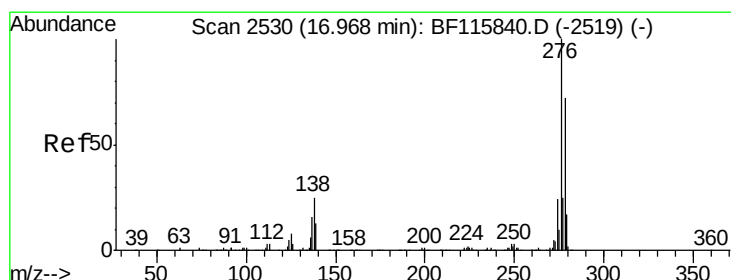
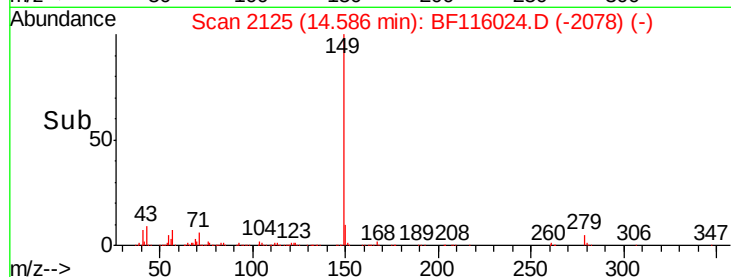
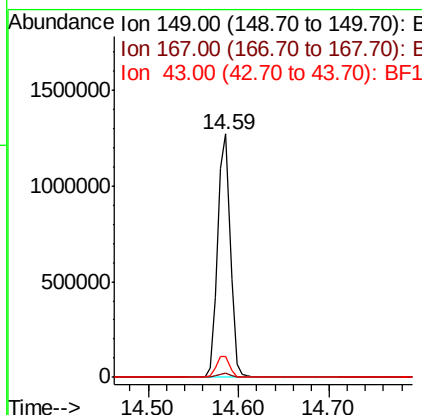
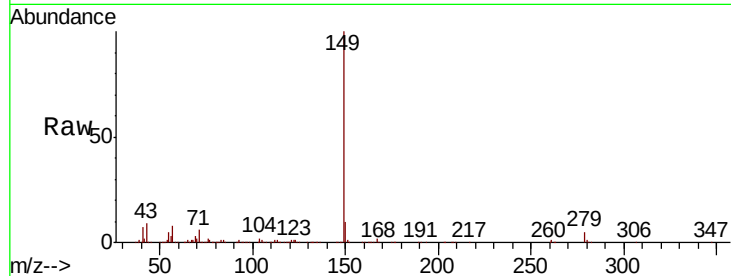
#85
Di-n-octyl phthalate
Concen: 54.675 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.3	7.4	11.0

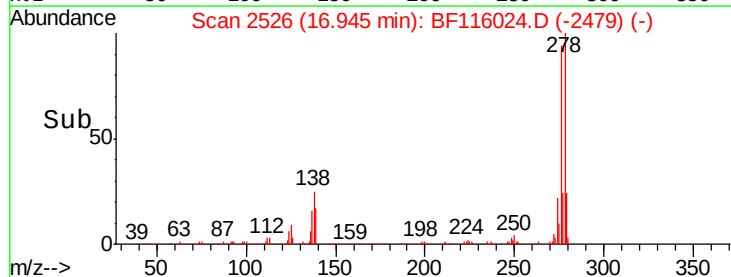
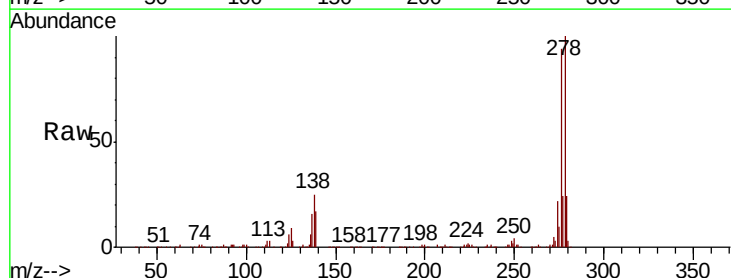
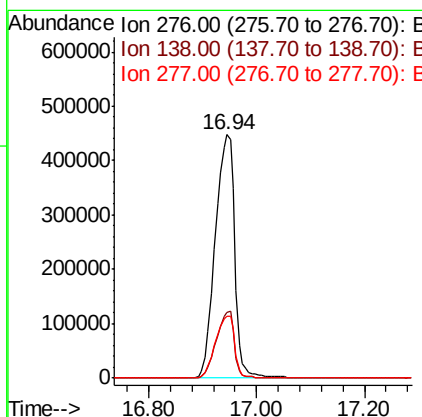
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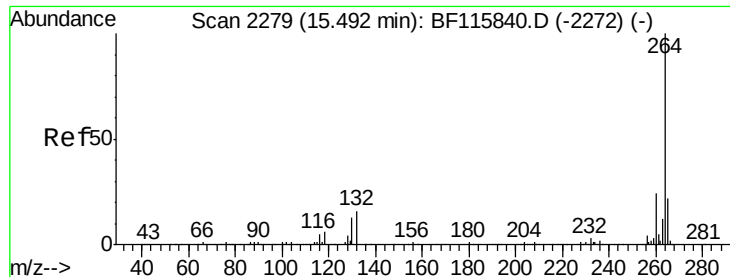
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#86
Indeno(1,2,3-cd)pyrene
Concen: 64.566 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.5	19.6	29.4
277	25.4	20.1	30.1





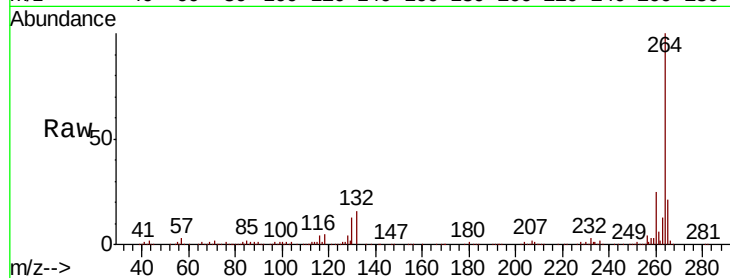
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

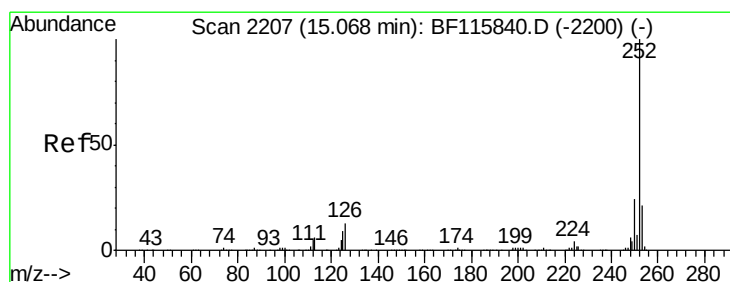
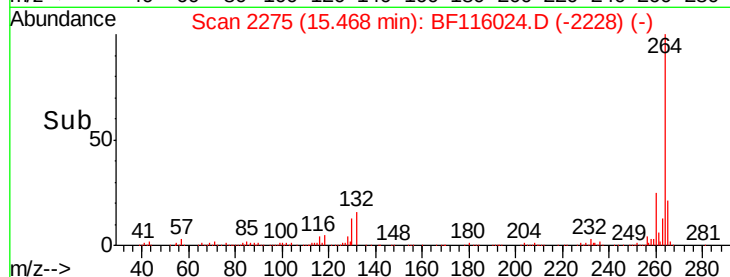
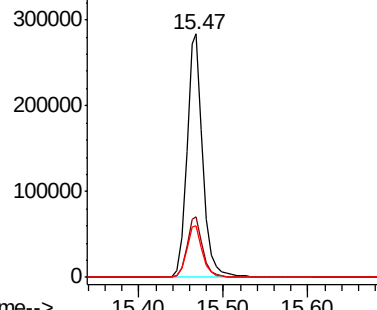
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.3	17.5	26.3

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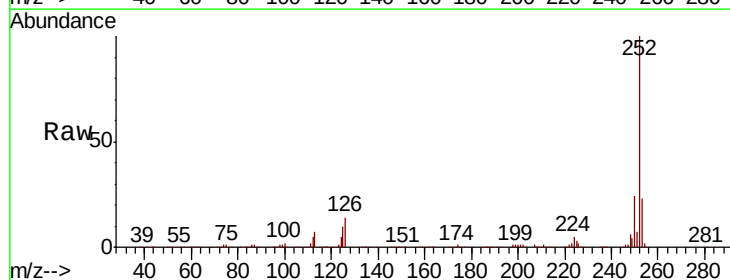


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

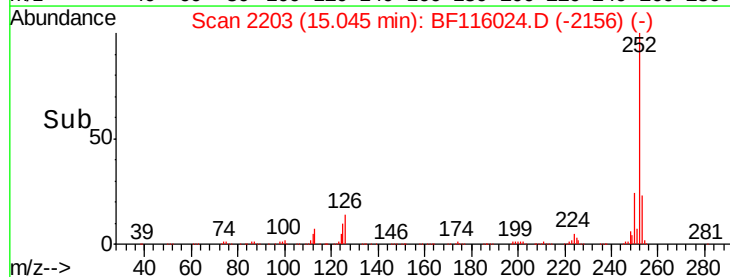
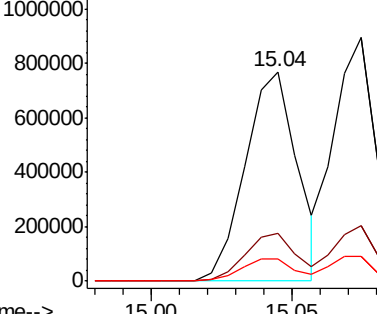


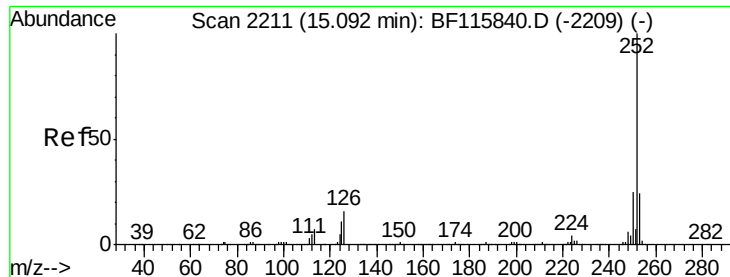
#88
Benzo(b)fluoranthene
Concen: 45.465 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	10.3	7.4	11.0



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





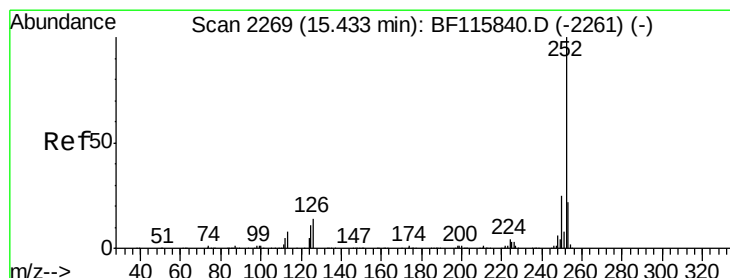
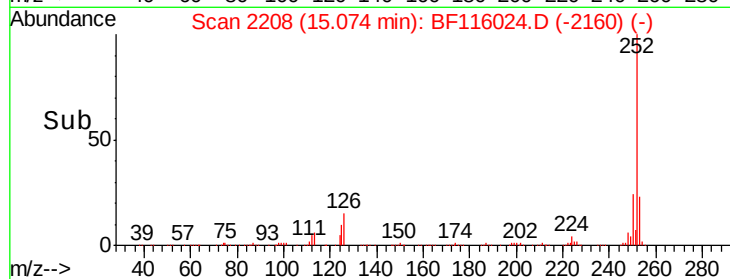
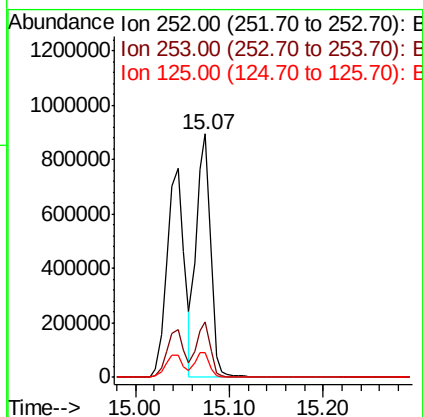
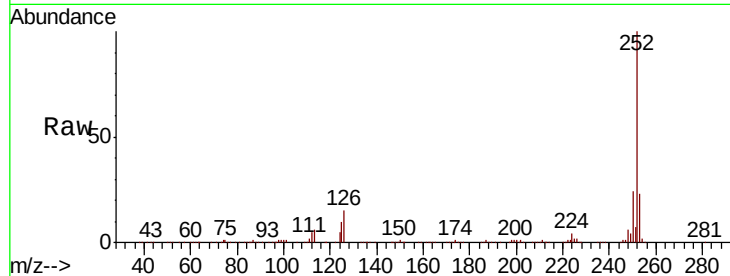
#89
Benzo(k)fluoranthene
Concen: 44.491 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	10.3	8.9	13.3

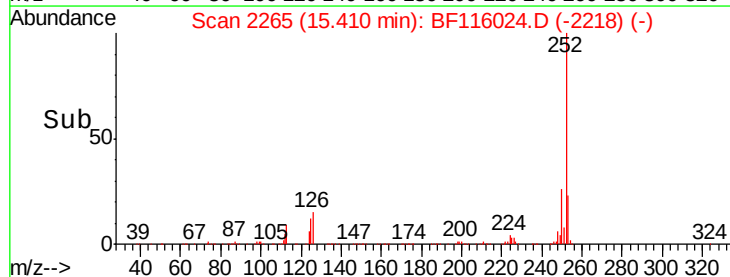
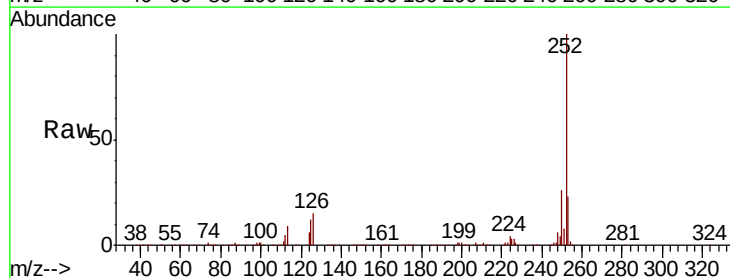
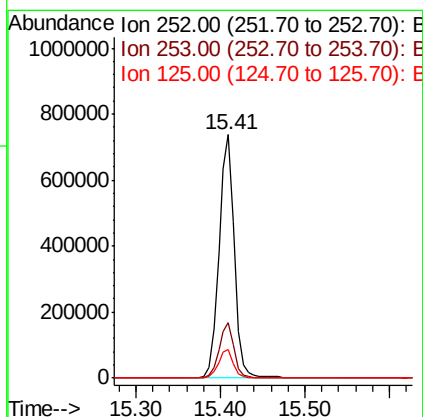
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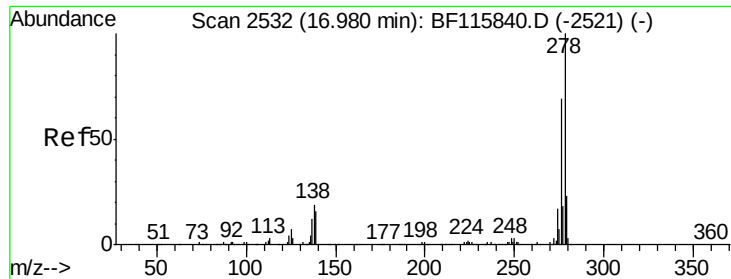
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#90
Benzo(a)pyrene
Concen: 48.745 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	11.7	8.8	13.2





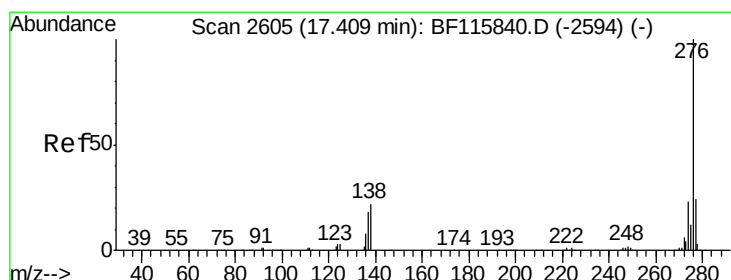
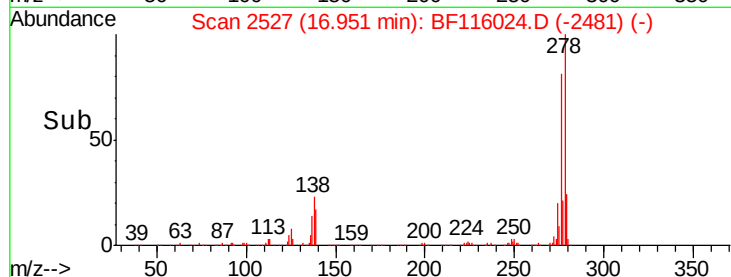
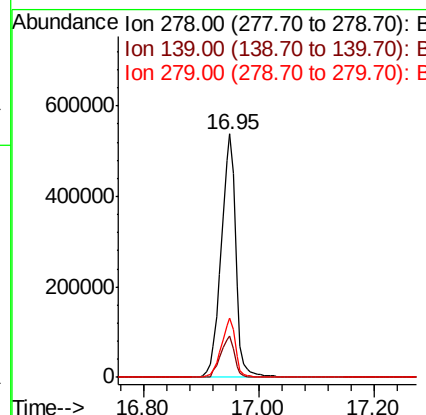
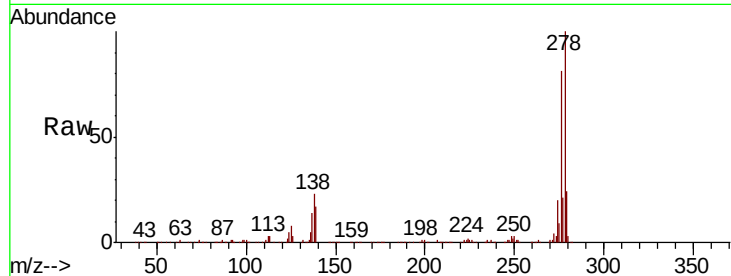
#91
Dibenzo(a,h)anthracene
Concen: 56.779 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.03 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.6	19.0
279	24.5	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/7/2019 4:42:06 PM



#92
Benzo(g,h,i)perylene
Concen: 58.617 ng
RT: 17.39 min Scan# 2601
Delta R.T. -0.02 min
Lab File: BF116024.D
Acq: 6 Aug 2019 20:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.5	29.3
138	21.0	17.8	26.8

