

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116208.D
 Acq On : 13 Aug 2019 00:08
 Operator : HP/JU
 Sample : K4152-21MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MSD

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:53:46 AM

Quant Time: Aug 13 01:59:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	120549	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	470521	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	261017	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	468449	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	339674	20.00	ng	0.00
87) Perylene-d12	15.46	264	320815	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	865363	120.17	ng	0.00
7) Phenol-d6	6.48	99	1027125	113.05	ng	0.00
23) Nitrobenzene-d5	7.40	82	757045	92.87	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	350856	138.64	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1278914	91.78	ng	-0.01
79) Terphenyl-d14	12.94	244	1653804	102.59	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.72	88	127186	34.962	ng	# 85
3) Pyridine	3.47	79	208222	20.490	ng	99
4) n-Nitrosodimethylamine	3.37	42	150600	37.553	ng	100
6) Aniline	6.50	93	169289	13.011	ng	# 72
8) 2-Chlorophenol	6.63	128	354408	44.508	ng	99
9) Benzaldehyde	6.40	77	44234	7.056	ng	98
10) Phenol	6.49	94	395220	36.940	ng	79
11) bis(2-Chloroethyl)ether	6.57	93	342453	43.536	ng	96
12) 1,3-Dichlorobenzene	6.77	146	333018	36.187	ng	100
13) 1,4-Dichlorobenzene	6.85	146	345933	37.543	ng	99
14) 1,2-Dichlorobenzene	7.00	146	326509	38.483	ng	99
15) Benzyl Alcohol	6.99	79	295447	42.851	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	447358	41.696	ng	90
17) 2-Methylphenol	7.10	107	295290	43.795	ng	95
18) Hexachloroethane	7.35	117	121179	35.720	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	248210	44.087	ng	99
20) 3+4-Methylphenols	7.25	107	366561	45.941	ng	92
22) Acetophenone	7.25	105	494827	47.952	ng	96
24) Nitrobenzene	7.42	77	405837	46.110	ng	98
25) Isophorone	7.66	82	739000	47.412	ng	99
26) 2-Nitrophenol	7.73	139	200072	48.223	ng	99
27) 2,4-Dimethylphenol	7.77	122	328391	52.610	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	454443	47.040	ng	100
29) 2,4-Dichlorophenol	7.98	162	324634	49.257	ng	100
30) 1,2,4-Trichlorobenzene	8.06	180	323951	43.120	ng	99
31) Naphthalene	8.13	128	1028640	46.457	ng	99
32) Benzoic acid	7.93	122	176168	40.031	ng	96
33) 4-Chloroaniline	8.20	127	117120	11.839	ng	98
34) Hexachlorobutadiene	8.25	225	176911	40.883	ng	99
35) Caprolactam	8.57	113	77854m	36.524	ng	
36) 4-Chloro-3-methylphenol	8.68	107	345380	50.374	ng	99
37) 2-Methylnaphthalene	8.83	142	707722	48.533	ng	98
38) 1-Methylnaphthalene	8.93	142	660432	47.873	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	321448	46.066	ng	100

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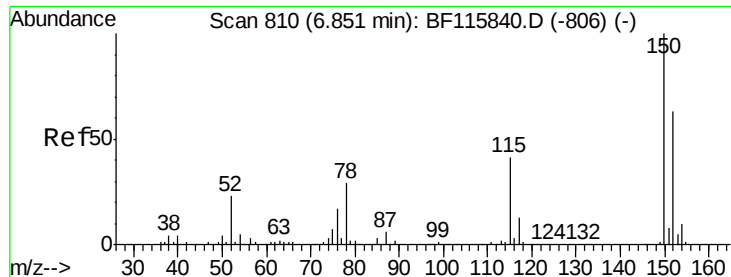
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 8/14/2019 2:53:46 AM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	140104	47.335	ng	100
43) 2,4,6-Trichlorophenol	9.12	196	216349	45.044	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	234919	47.316	ng	99
46) 1,1'-Biphenyl	9.29	154	870695	47.249	ng	98
47) 2-Chloronaphthalene	9.32	162	685119	44.670	ng	99
48) 2-Nitroaniline	9.42	65	230958	45.558	ng	96
49) Acenaphthylene	9.73	152	1055107	47.154	ng	99
50) Dimethylphthalate	9.59	163	863111	48.565	ng	100
51) 2,6-Dinitrotoluene	9.66	165	187445	48.533	ng	98
52) Acenaphthene	9.90	154	645431	47.018	ng	99
53) 3-Nitroaniline	9.83	138	118291	24.787	ng	99
54) 2,4-Dinitrophenol	9.95	184	147941	75.769	ng	99
55) Dibenzofuran	10.08	168	926226	46.398	ng	99
56) 4-Nitrophenol	10.01	139	235126	76.911	ng	97
57) 2,4-Dinitrotoluene	10.07	165	239762	46.626	ng	95
58) Fluorene	10.42	166	752321	48.983	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	214162	51.271	ng	99
60) Diethylphthalate	10.29	149	830791	50.070	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	378265	48.629	ng	97
62) 4-Nitroaniline	10.45	138	200792	40.713	ng	97
63) Azobenzene	10.57	77	833819	48.857	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	114934	46.298	ng	90
66) n-Nitrosodiphenylamine	10.53	169	689054	48.870	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	239099	47.679	ng	98
68) Hexachlorobenzene	10.97	284	263227	45.394	ng	100
69) Atrazine	11.06	200	205983	44.407	ng	100
70) Pentachlorophenol	11.17	266	259424	92.149	ng	99
71) Phenanthrene	11.39	178	1156656	48.298	ng	100
72) Anthracene	11.44	178	1197101	49.392	ng	99
73) Carbazole	11.59	167	1136401	51.682	ng	100
74) Di-n-butylphthalate	11.91	149	1342923	52.354	ng	99
75) Fluoranthene	12.57	202	1255124	50.062	ng	99
78) Pyrene	12.80	202	1283933	50.144	ng	99
80) Butylbenzylphthalate	13.41	149	593615	54.807	ng	99
81) Benzo(a)anthracene	13.99	228	1043256	48.053	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	220283	29.205	ng	98
83) Chrysene	14.03	228	1015081	48.159	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	830532	59.008	ng	100
85) Di-n-octyl phthalate	14.57	149	1298170	58.068	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	992269	56.051	ng	99
88) Benzo(b)fluoranthene	15.04	252	855853	46.138	ng	99
89) Benzo(k)fluoranthene	15.07	252	935463	51.775	ng	98
90) Benzo(a)pyrene	15.40	252	856547	51.655	ng	98
91) Dibenzo(a,h)anthracene	16.94	278	837012	58.313	ng	98
92) Benzo(g,h,i)perylene	17.39	276	841369	59.686	ng	98

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



#1

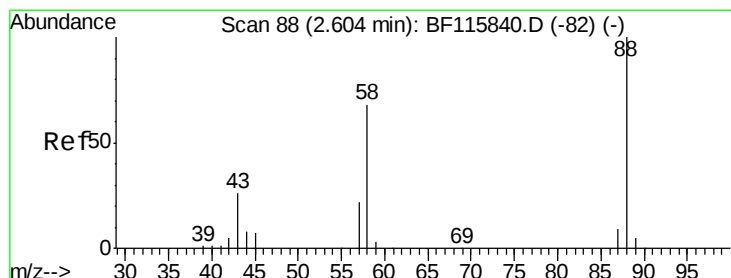
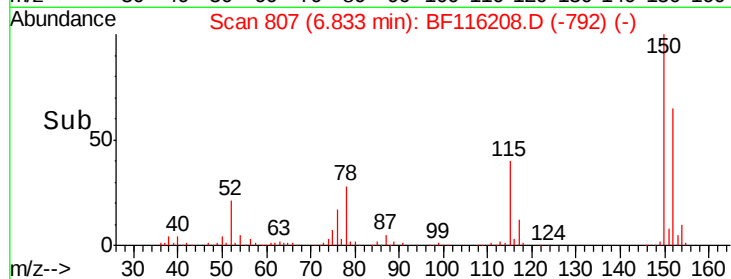
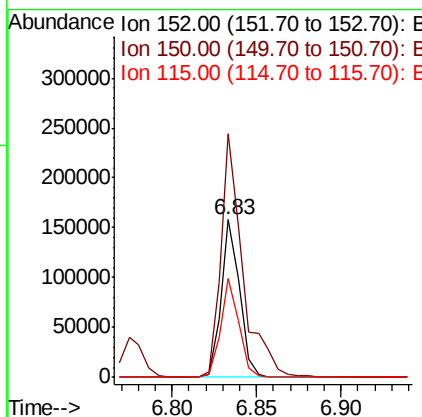
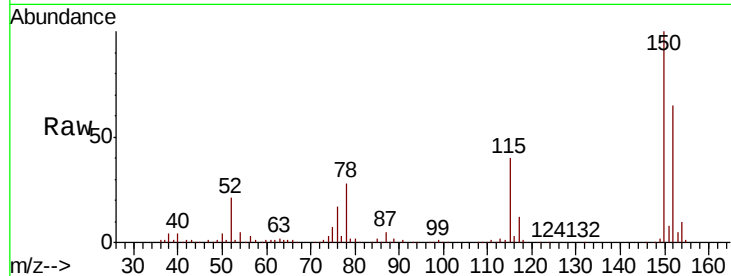
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Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.2	189.2
115	62.6	49.9	74.9

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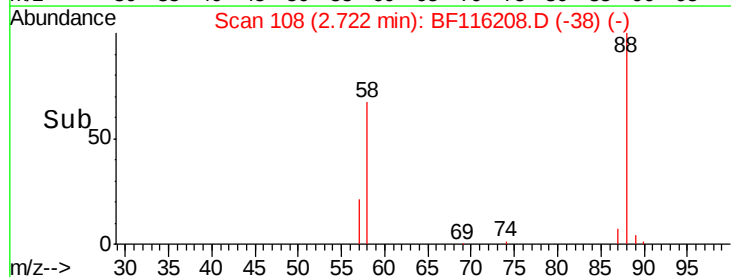
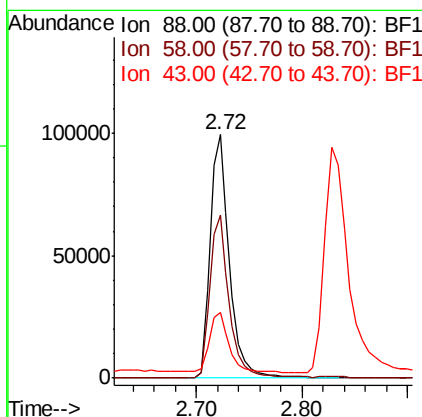
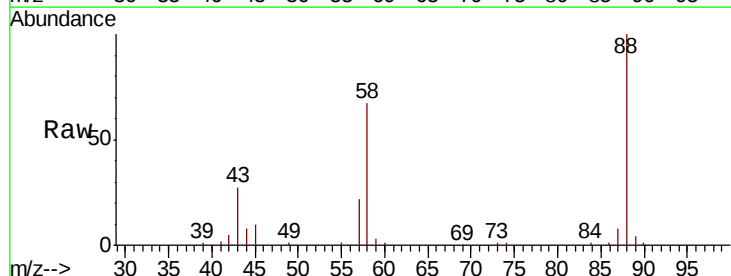
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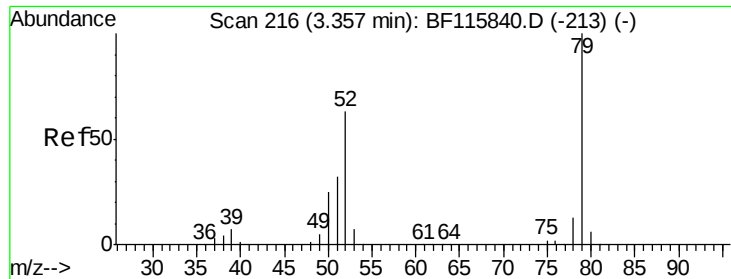


#2

1,4-Dioxane
Concen: 34.962 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.11 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.0	53.7	80.5
43	0.0	21.0	31.4





#3

Pvridine

Concen: 20.490 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.11 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Instrument :

BNA_F

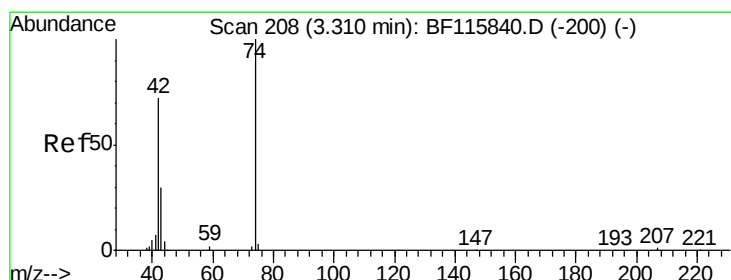
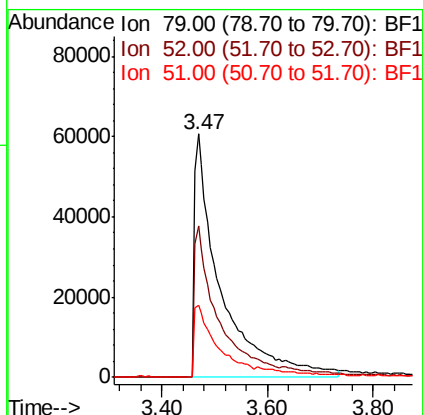
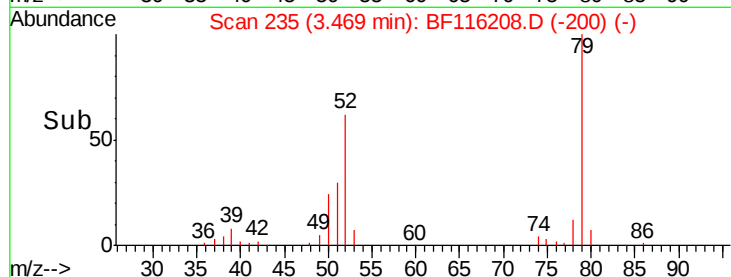
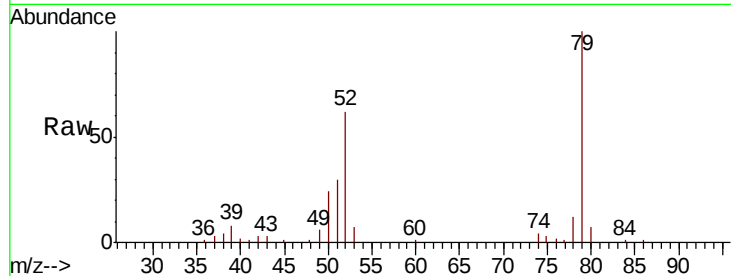
ClientSampleId :

2S-H1-H4-COMP-(0-1)MSD

Tot Ion:	79	Resp:	208222
Ion Ratio	Lower	Upper	
79	100		
52	62.2	49.8	74.8
51	29.9	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 37.553 ng

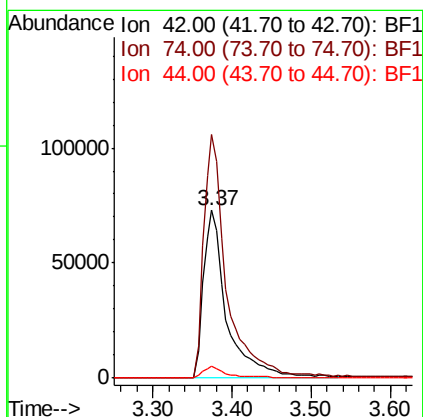
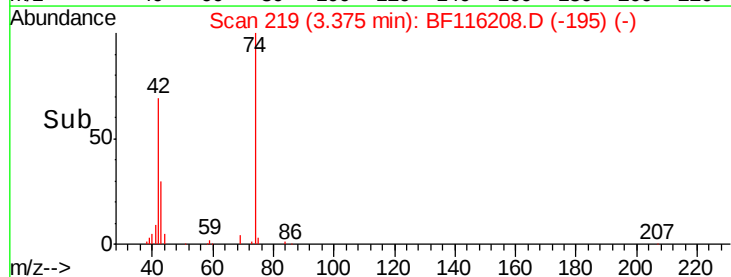
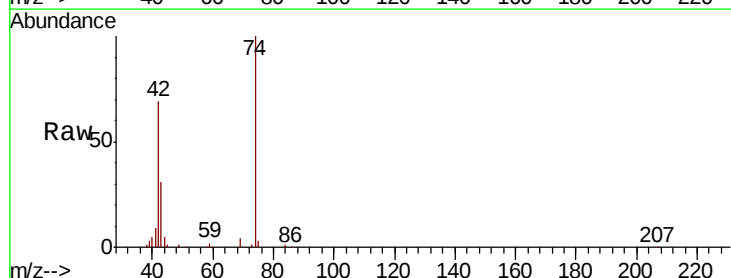
RT: 3.37 min Scan# 219

Delta R.T. 0.04 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Tgt Ion:	42	Resp:	150600
Ion Ratio	Lower	Upper	
42	100		
74	145.3	116.0	174.0
44	6.9	4.6	7.0





#5

2-Fluorophenol

Concen: 120.173 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Instrument :

BNA_F

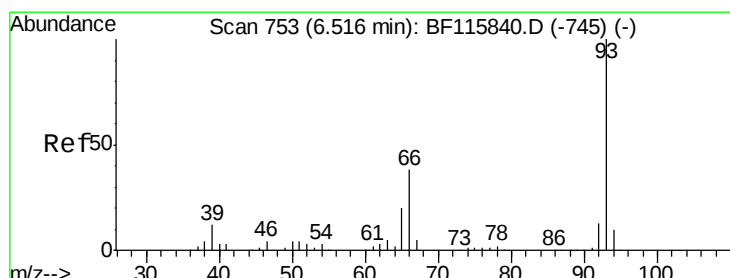
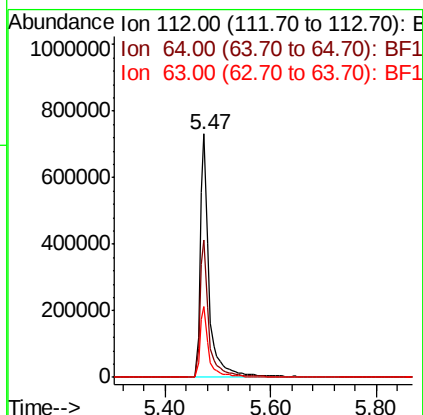
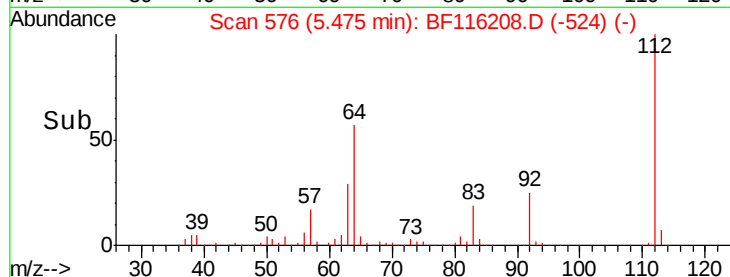
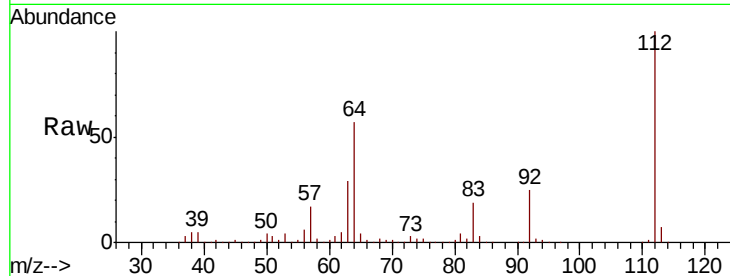
ClientSampleId :

2S-H1-H4-COMP-(0-1)MSD

Tot Ion:	112	Resp:	865363
Ion Ratio	Lower	Upper	
112	100		
64	56.6	45.4	68.2
63	29.1	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 13.011 ng

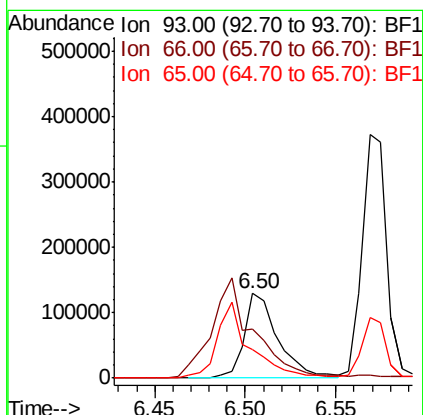
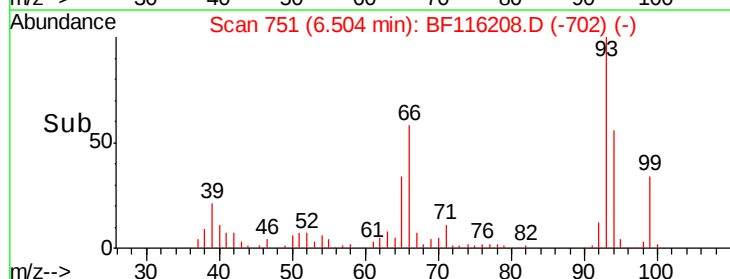
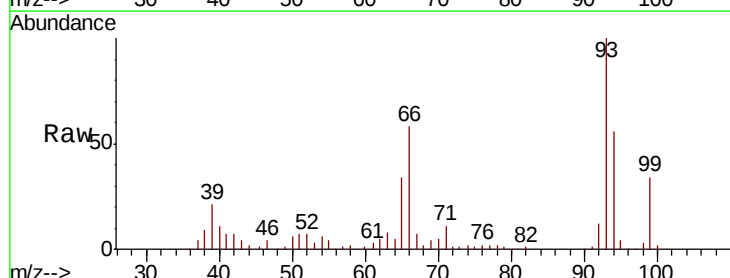
RT: 6.50 min Scan# 751

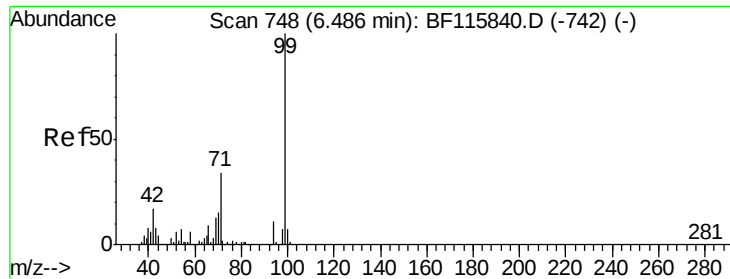
Delta R.T. -0.01 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Tgt Ion:	93	Resp:	169289
Ion Ratio	Lower	Upper	
93	100		
66	58.0	32.2	48.4#
65	33.6	17.0	25.6#





#7

Phenol-d6

Concen: 113.053 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Instrument :

BNA_F

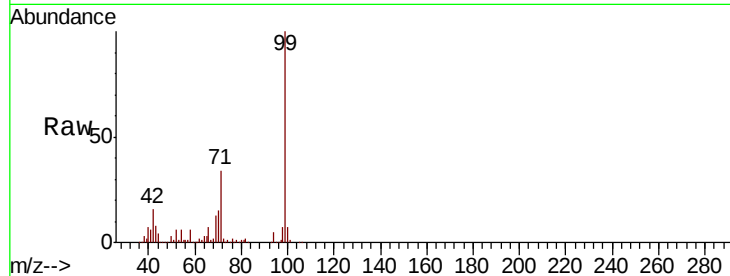
ClientSampleId :

2S-H1-H4-COMP-(0-1)MSD

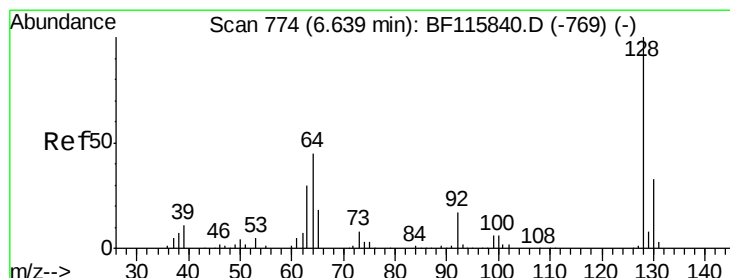
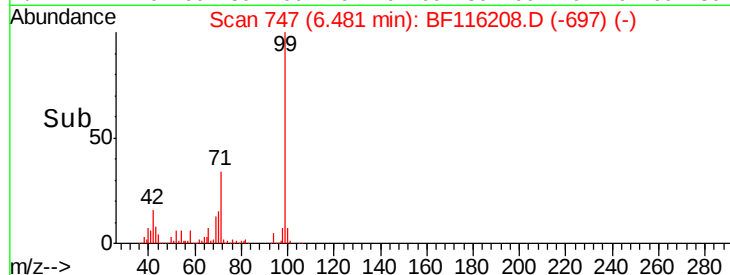
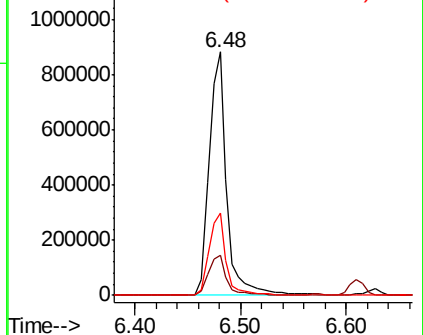
Tot Ion:	99	Resp:	1027125
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.8	20.8
71	33.8	27.3	40.9

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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: 44.508 ng

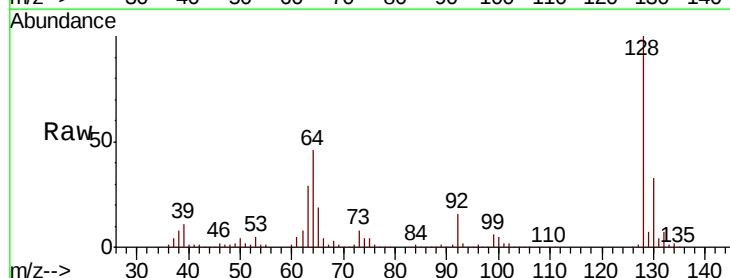
RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

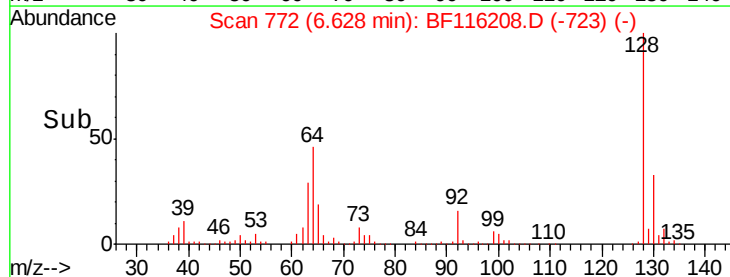
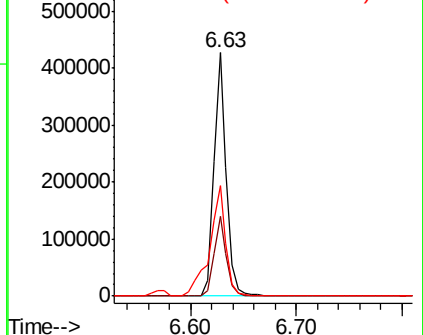
Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Tgt Ion:	128	Resp:	354408
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	45.5	24.3	64.3



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





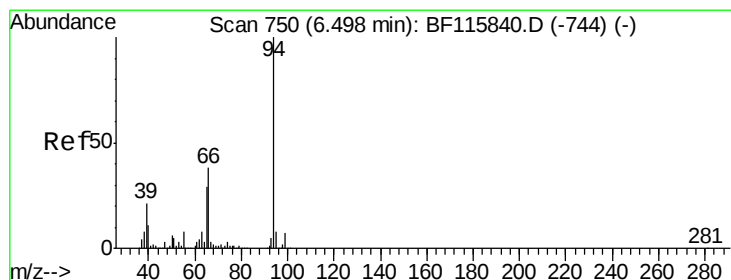
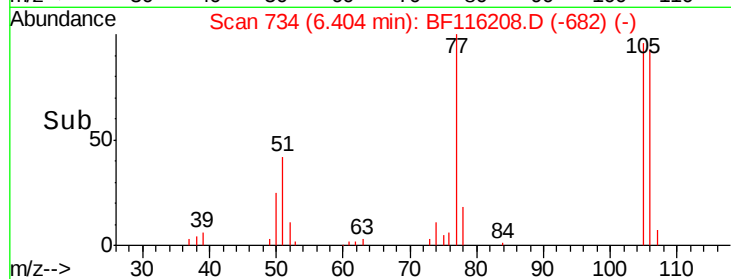
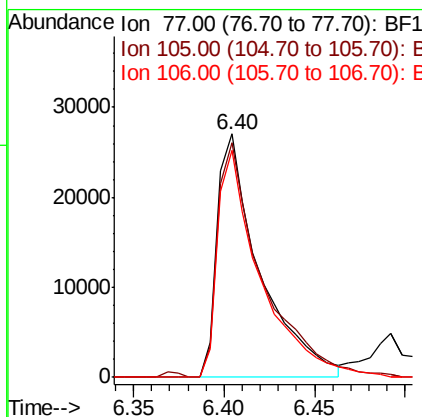
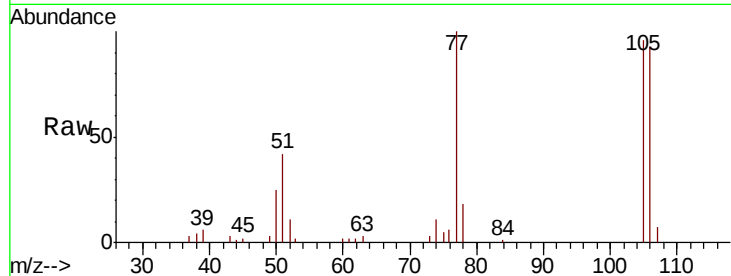
#9
Benzaldehyde
Concen: 7.056 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	96.5	79.2	119.2	
106	93.3	74.3	114.3	

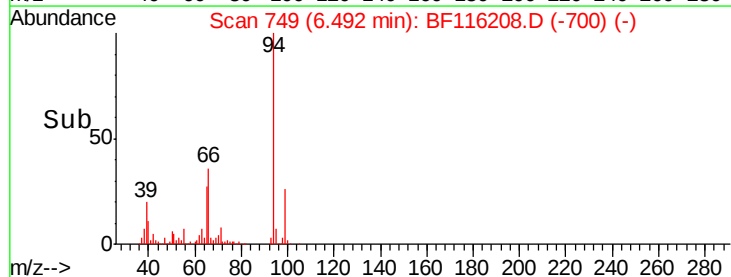
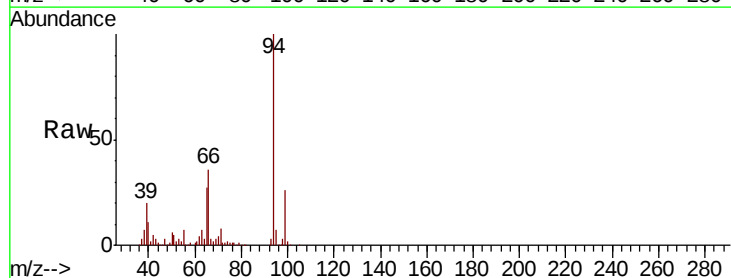
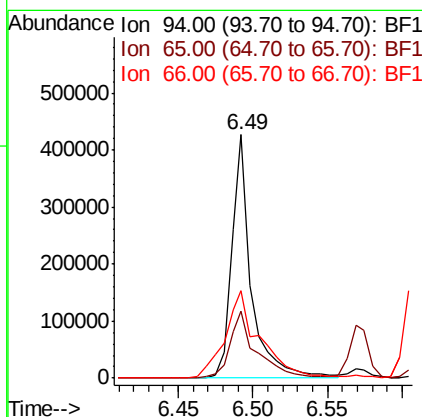
Manual Integrations
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#10
Phenol
Concen: 36.940 ng
RT: 6.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	27.3	16.8	56.8	
66	36.1	34.2	74.2	





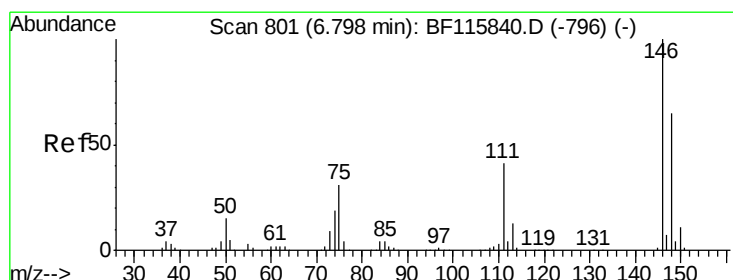
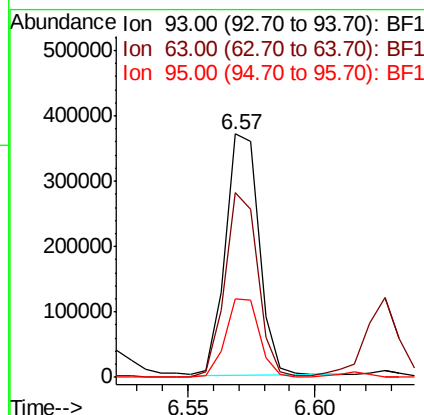
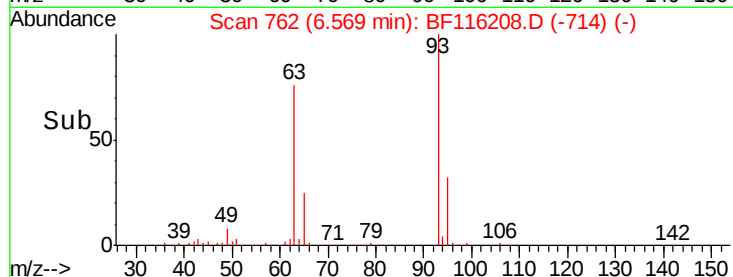
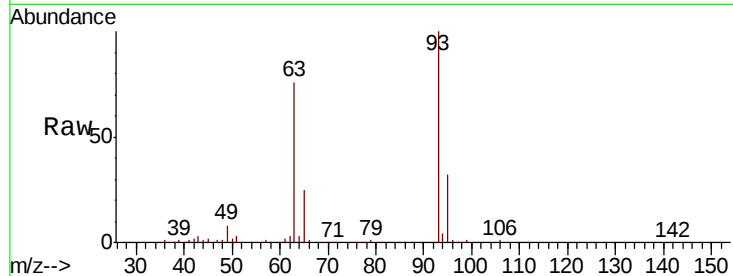
#11
bis(2-Chloroethyl)ether
Concen: 43.536 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.02 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MSD

Tot Ion:	93	Resp:	342453
Ion Ratio	Lower	Upper	
93	100		
63	76.1	51.9	91.9
95	32.5	13.0	53.0

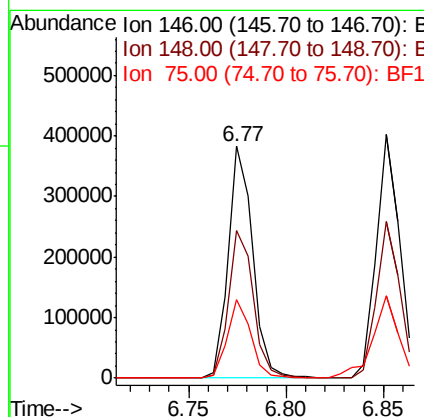
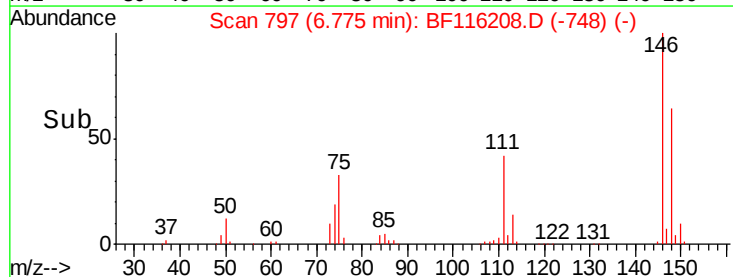
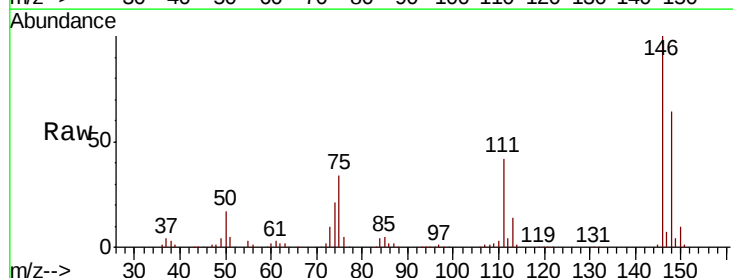
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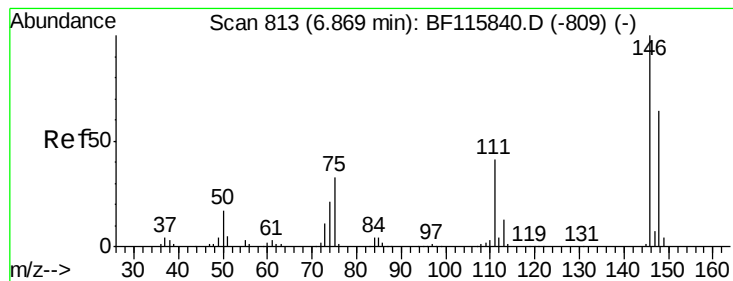
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.187 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Tgt Ion:	146	Resp:	333018
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.3	76.9
75	34.0	27.4	41.2





#13

1,4-Dichlorobenzene

Concen: 37.543 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Instrument :

BNA_F

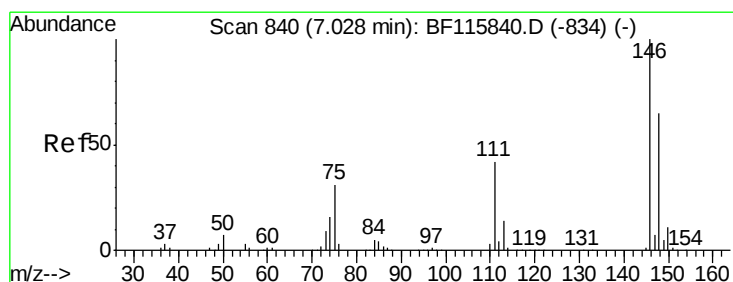
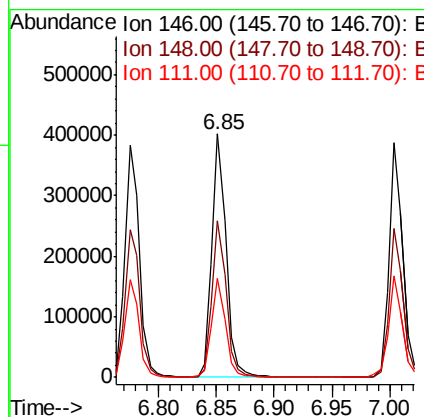
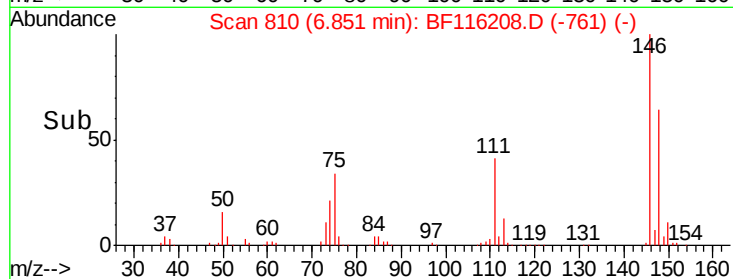
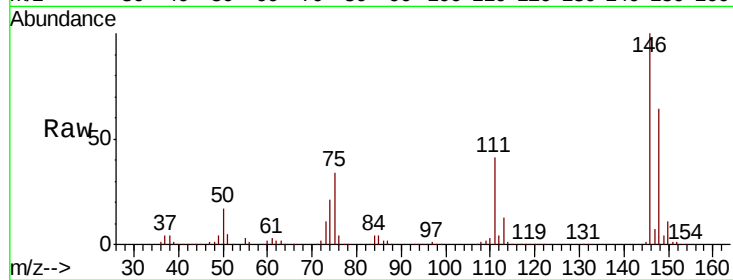
ClientSampleId :

2S-H1-H4-COMP-(0-1)MSD

Tot Ion:	146	Resp:	345933
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.3	76.9
111	40.9	34.0	51.0

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#14

1,2-Dichlorobenzene

Concen: 38.483 ng

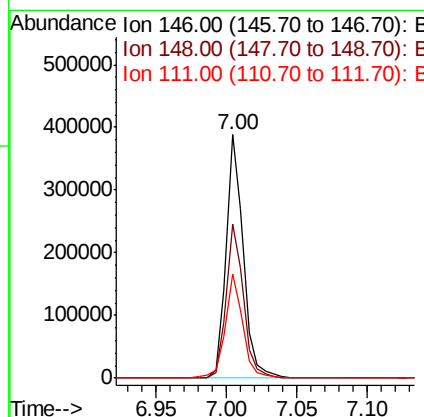
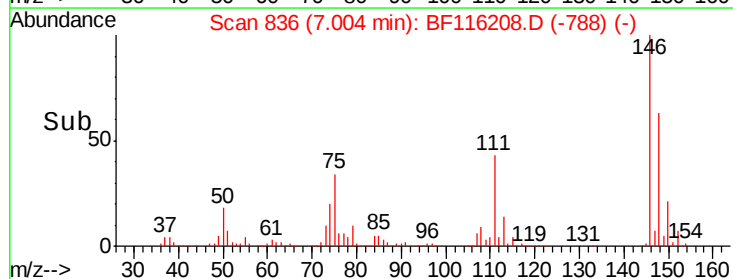
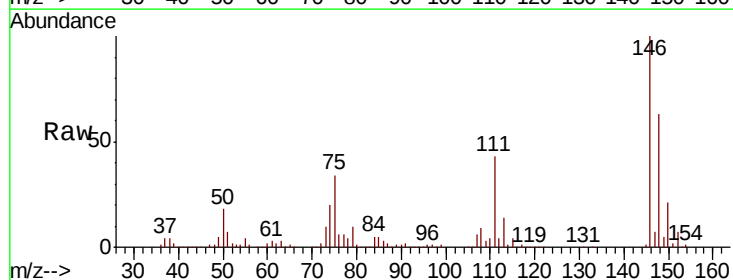
RT: 7.00 min Scan# 836

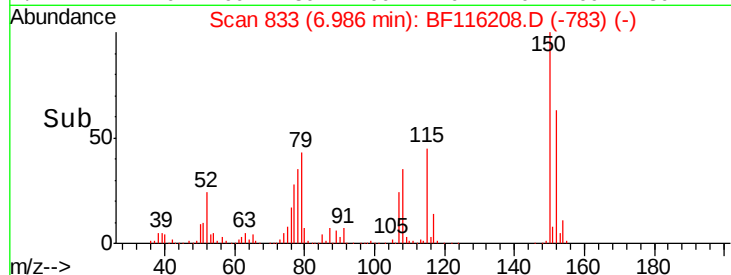
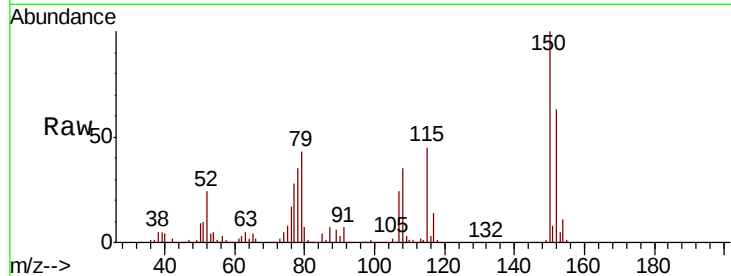
Delta R.T. -0.02 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Tgt Ion:	146	Resp:	326509
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.2	76.8
111	42.9	33.5	50.3





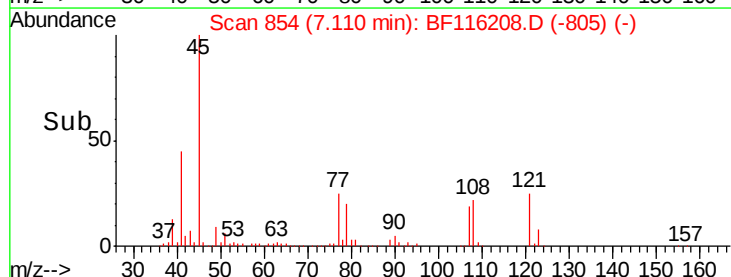
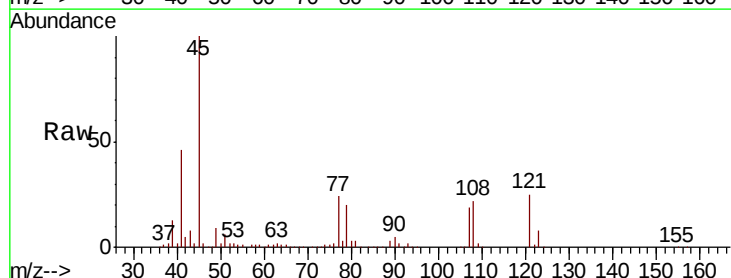
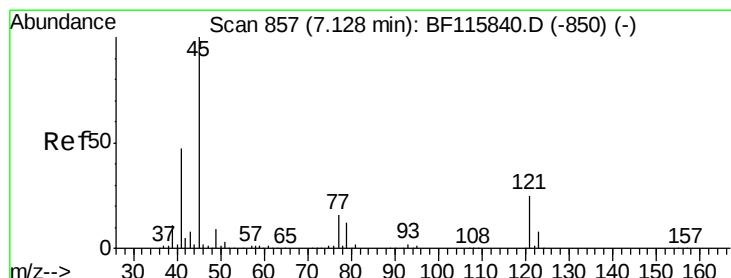
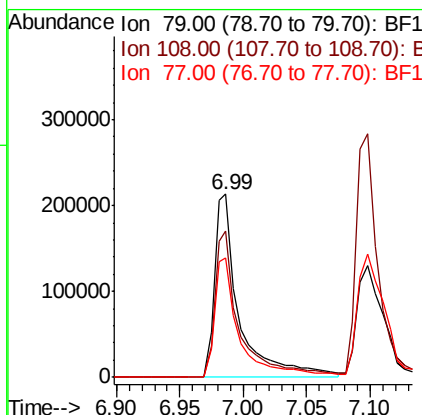
#15
Benzyl Alcohol
Concen: 42.851 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.2	62.7	94.1
77	65.3	52.2	78.2

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MSD

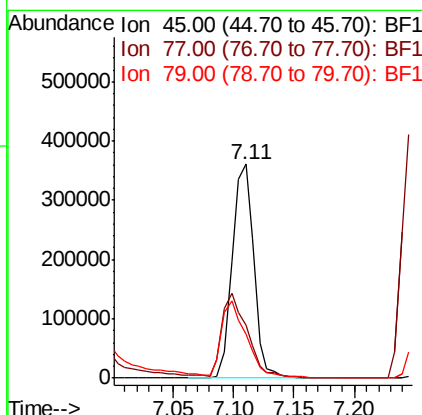
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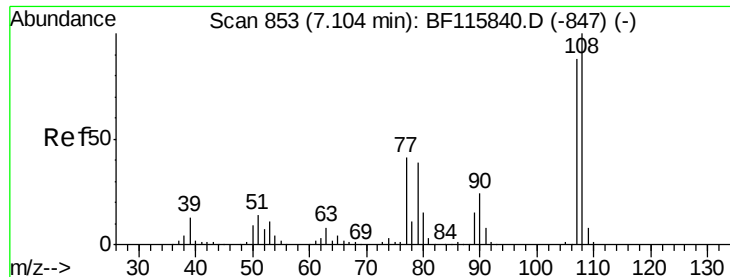
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.696 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.5	0.0	40.0
79	20.4	0.0	35.9





#17

2-Methylphenol

Concen: 43.795 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Instrument :

BNA_F

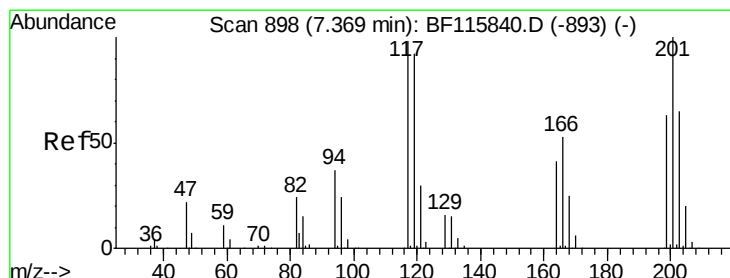
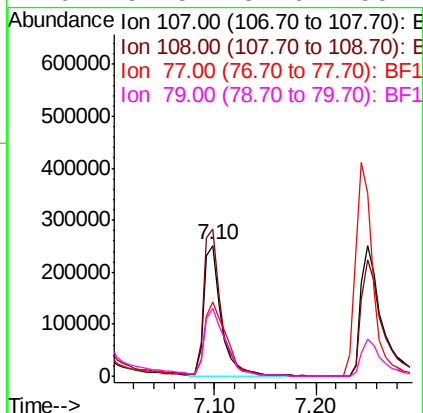
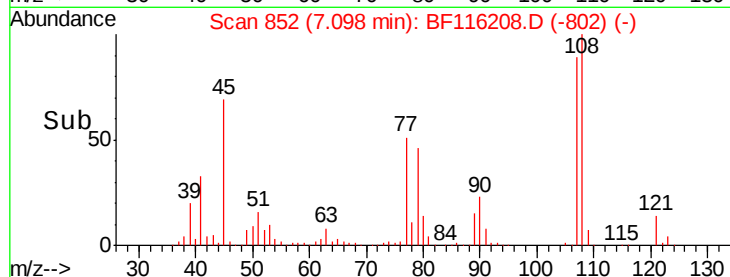
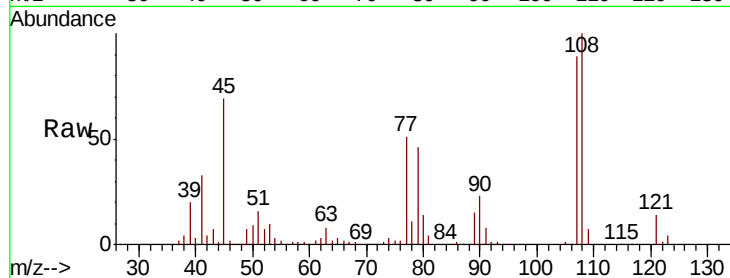
ClientSampleId :

2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	91.2	136.8	
77	57.3	40.3	60.5	
79	51.5	37.6	56.4	

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#18

Hexachloroethane

Concen: 35.720 ng

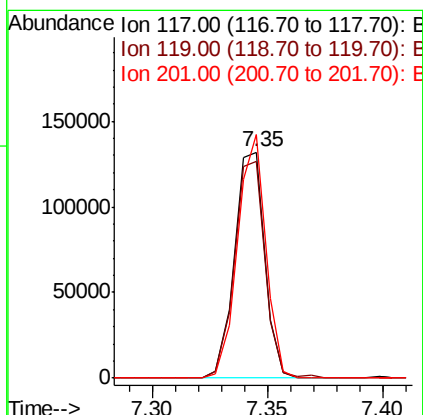
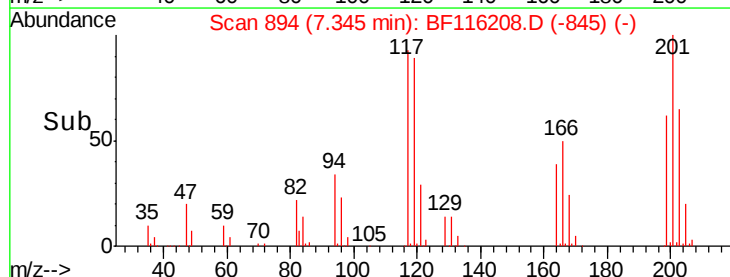
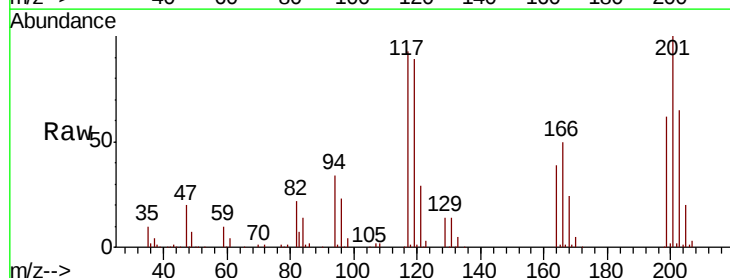
RT: 7.35 min Scan# 894

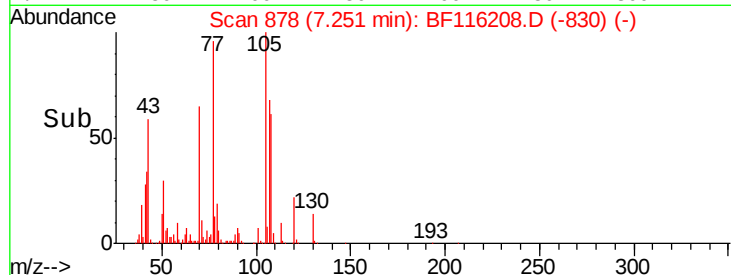
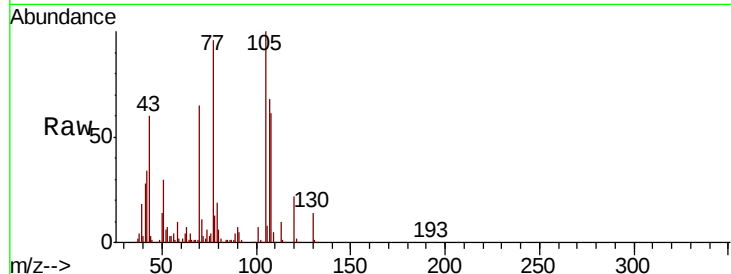
Delta R.T. -0.01 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.8	76.1	114.1	
201	107.7	77.0	115.4	





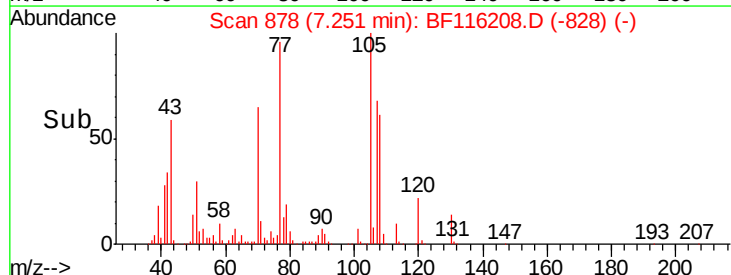
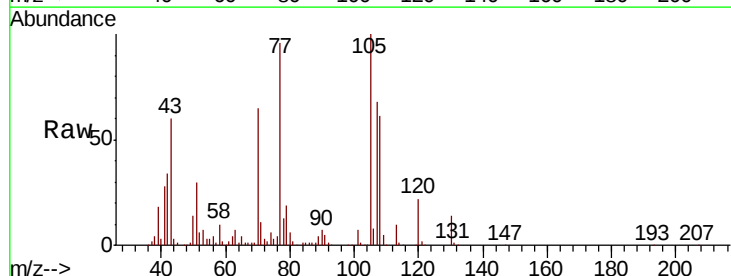
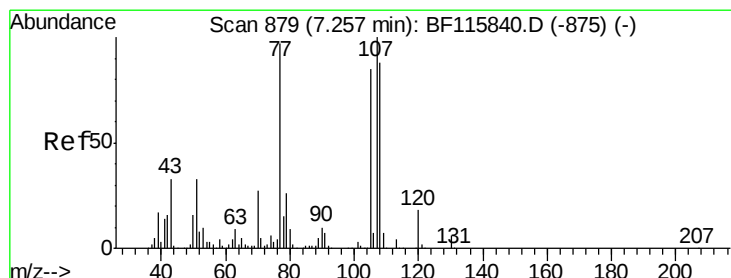
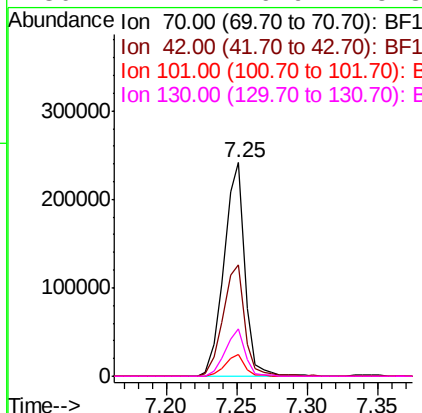
#19
n-Nitroso-di-n-propylamine
Concen: 44.087 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.1	40.9	61.3	
101	10.0	7.9	11.9	
130	22.1	16.9	25.3	

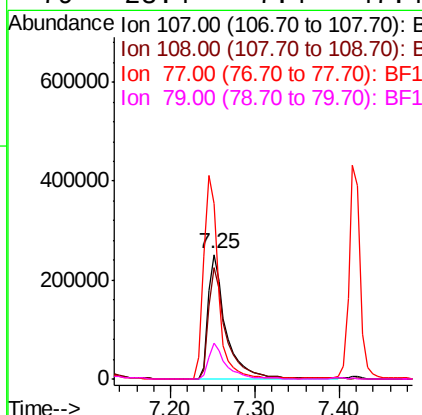
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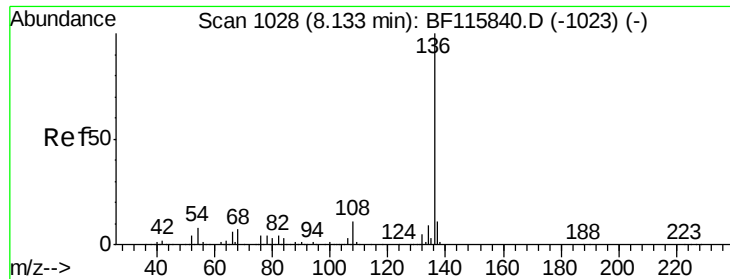
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#20
3+4-Methylphenols
Concen: 45.941 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.0	67.6	107.6	
77	140.2	104.4	144.4	
79	28.4	7.4	47.4	





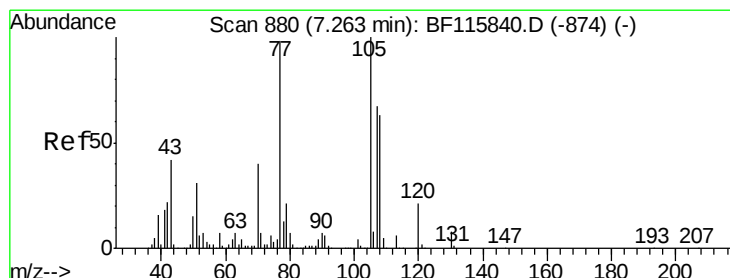
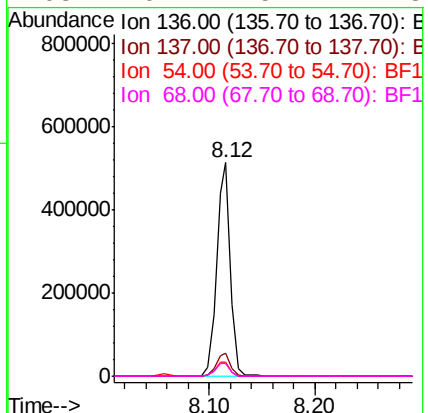
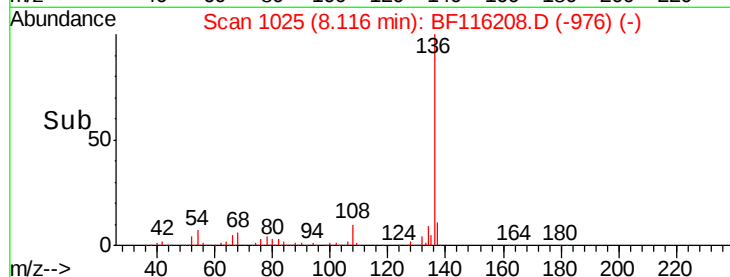
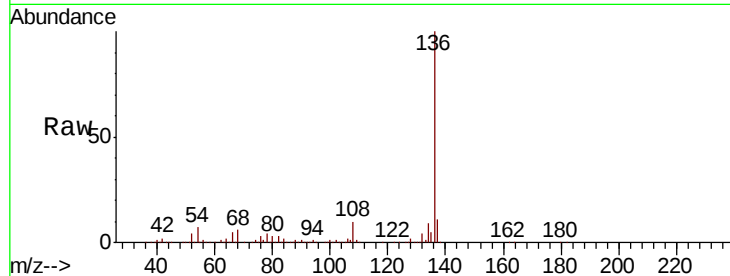
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		470521		
137	10.9	9.0	13.4		
54	6.6	5.8	8.6		
68	6.1	5.2	7.8		

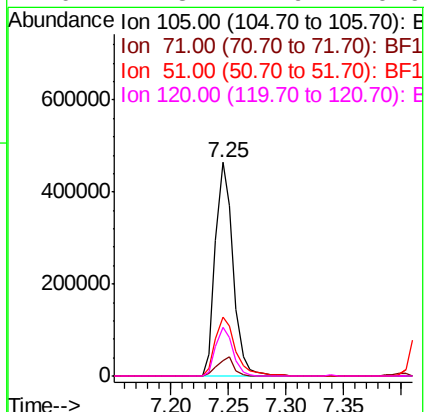
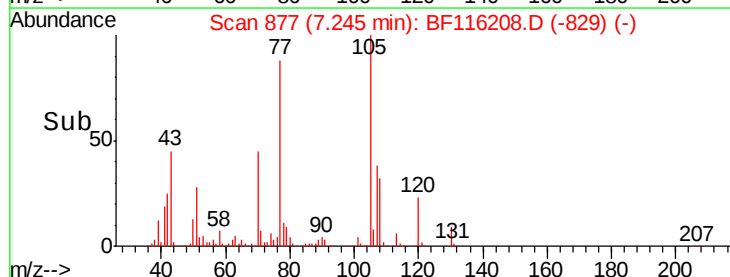
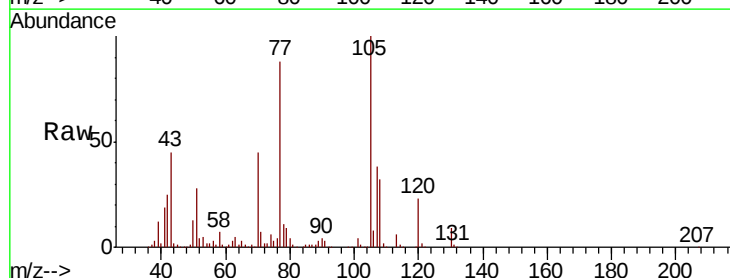
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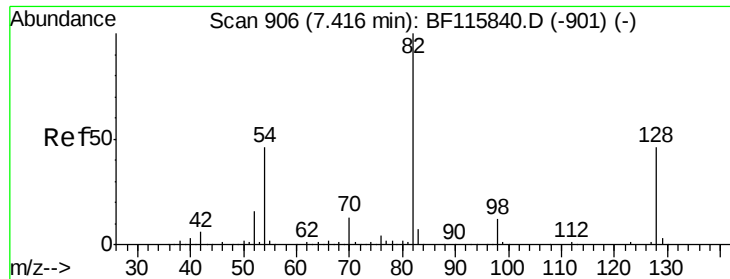
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#22
Acetophenone
Concen: 47.952 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		494827		
71	7.4	5.9	8.9		
51	27.7	25.3	37.9		
120	22.8	17.9	26.9		





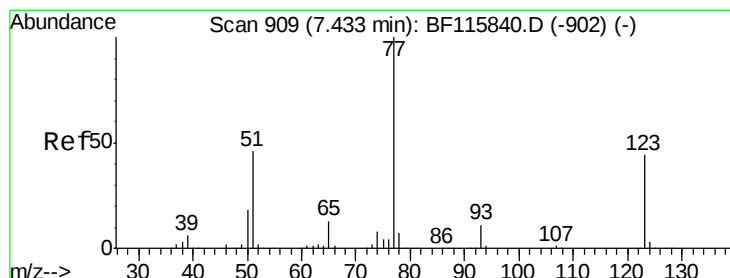
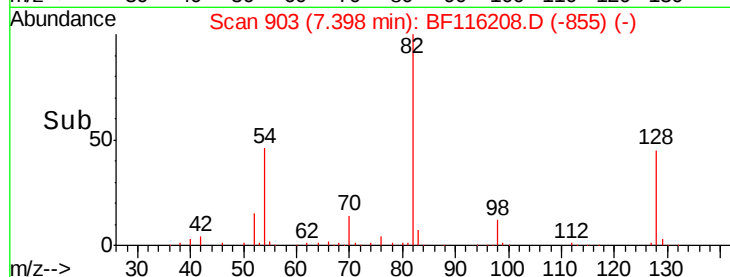
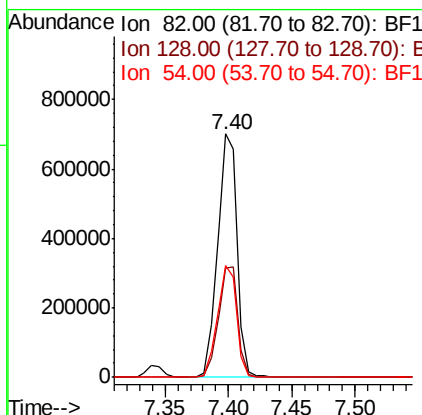
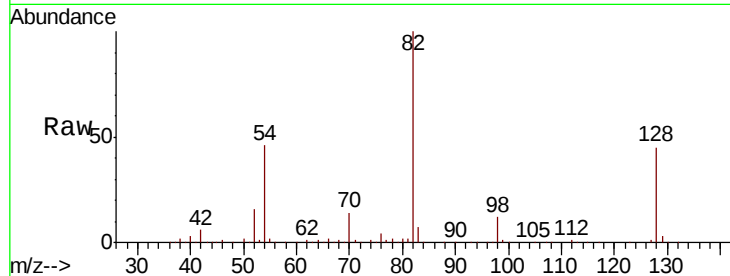
#23
 Nitrobenzene-d5
 Concen: 92.874 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116208.D
 Acq: 13 Aug 2019 00:08

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.1	36.5	54.7	
54	45.8	36.0	54.0	

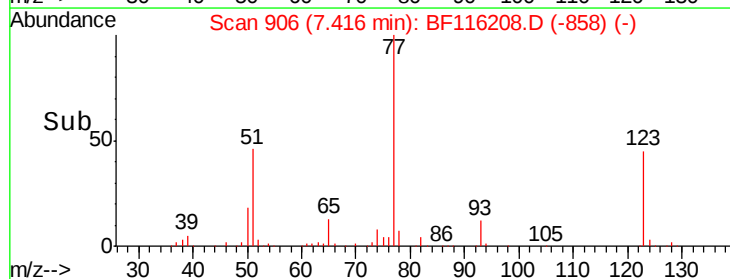
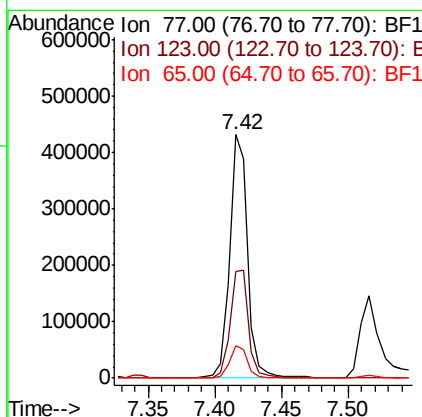
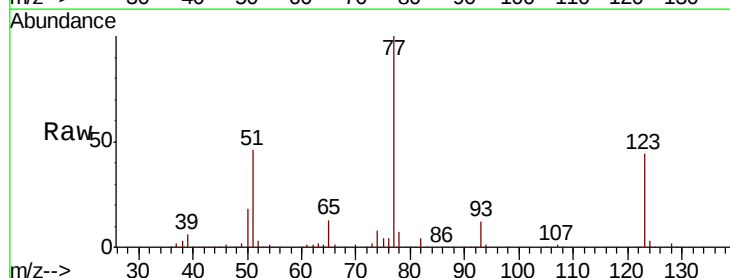
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#24
 Nitrobenzene
 Concen: 46.110 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.02 min
 Lab File: BF116208.D
 Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.1	36.7	55.1	
65	13.3	10.6	16.0	





#25

Isophorone

Concen: 47.412 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Instrument :

BNA_F

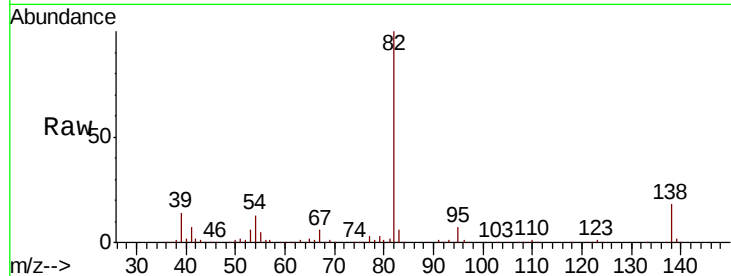
ClientSampleId :

2S-H1-H4-COMP-(0-1)MSD

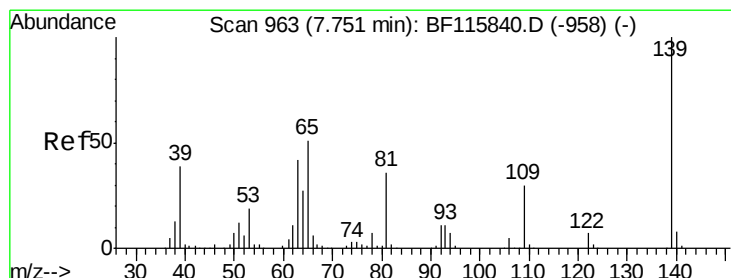
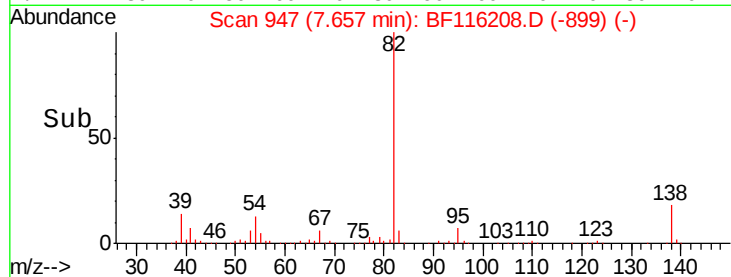
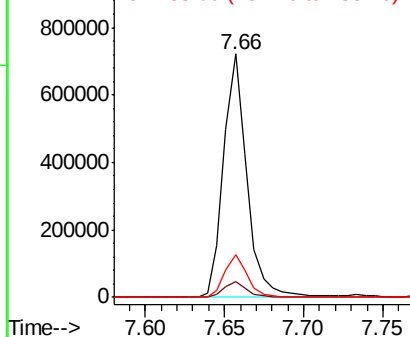
Tot Ion:	82	Resp:	739000
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.4	8.0
138	17.5	14.5	21.7

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.223 ng

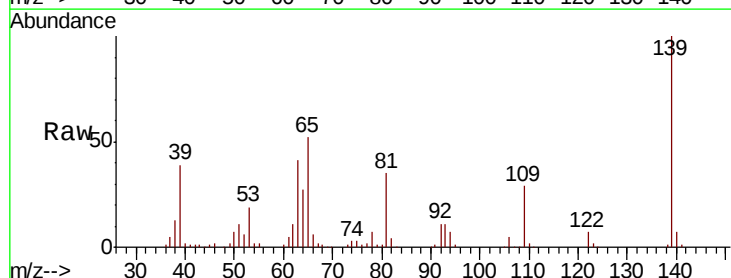
RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

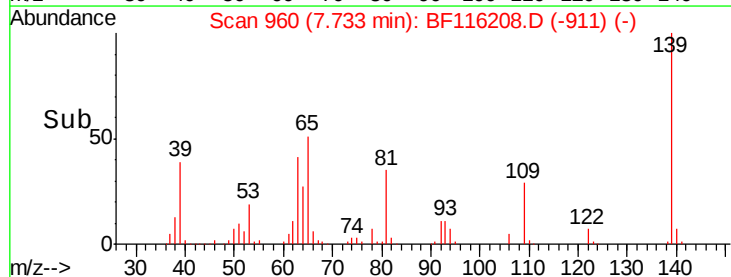
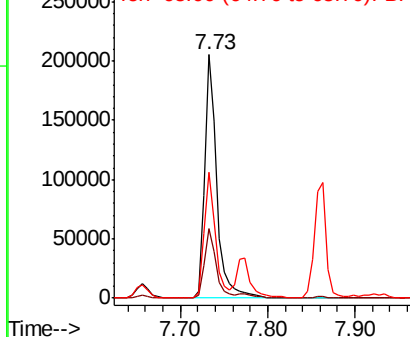
Lab File: BF116208.D

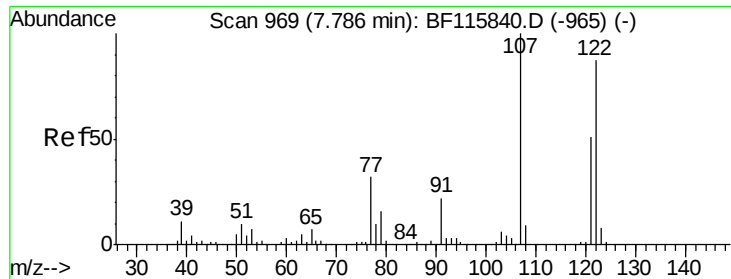
Acq: 13 Aug 2019 00:08

Tgt Ion:	139	Resp:	200072
Ion Ratio	Lower	Upper	
139	100		
109	28.7	23.4	35.2
65	51.6	41.1	61.7



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





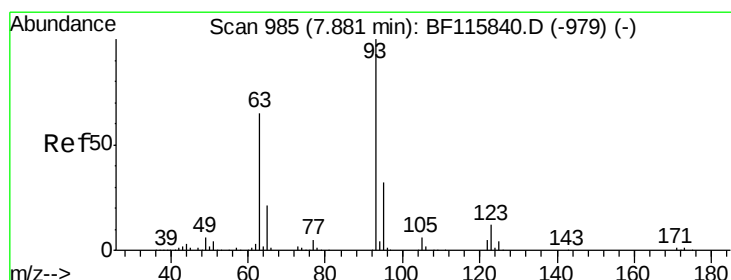
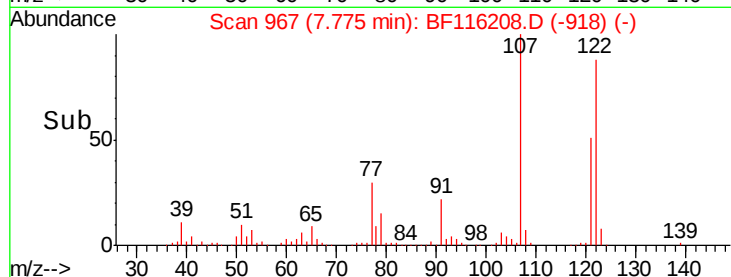
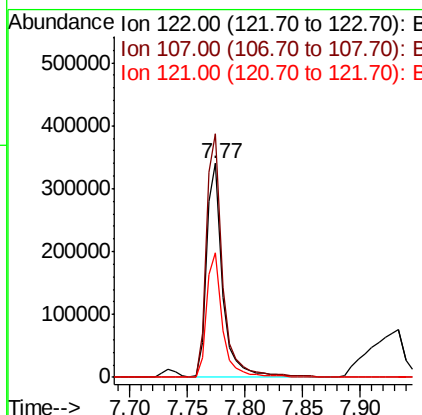
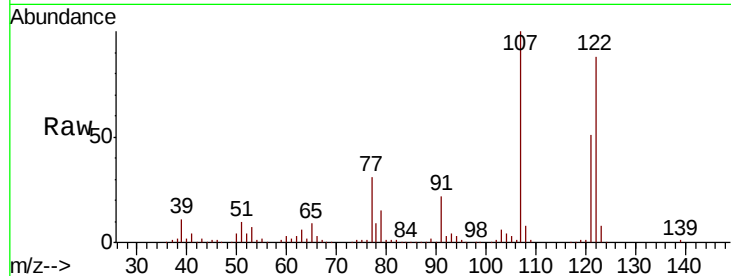
#27
2,4-Dimethylphenol
Concen: 52.610 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.8	93.0	139.6
121	58.1	47.6	71.4

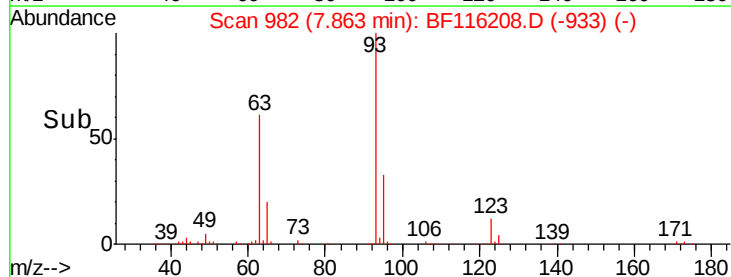
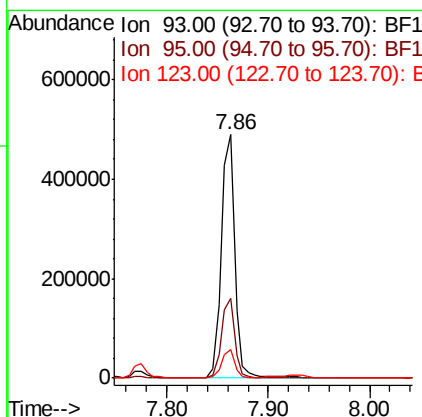
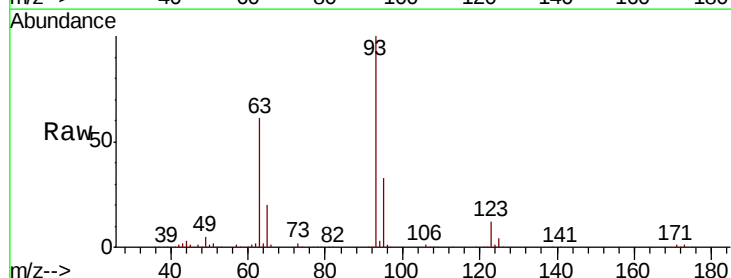
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#28
bis(2-Chloroethoxy)methane
Concen: 47.040 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	11.7	9.2	13.8





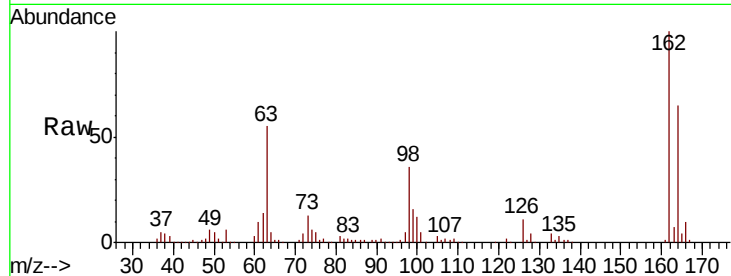
#29
2,4-Dichlorophenol
Concen: 49.257 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	324634		
164	65.2	45.1	85.1	
98	36.4	15.8	55.8	

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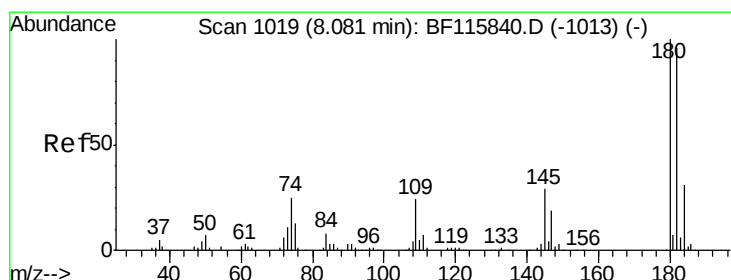
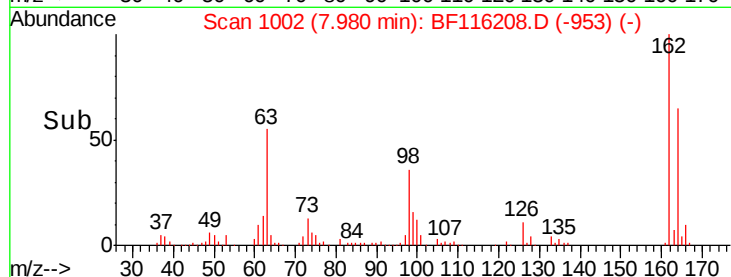
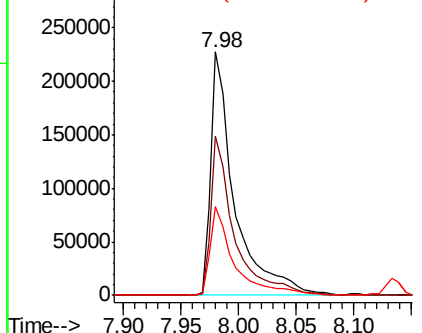


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 43.120 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

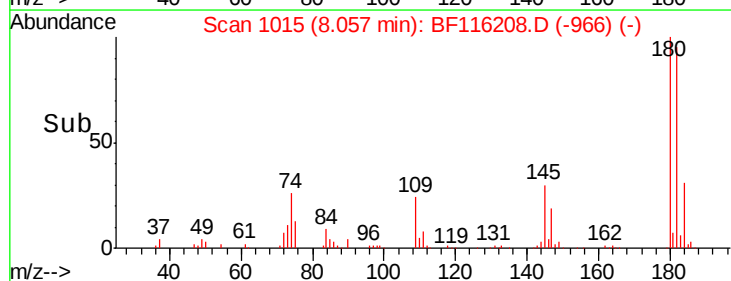
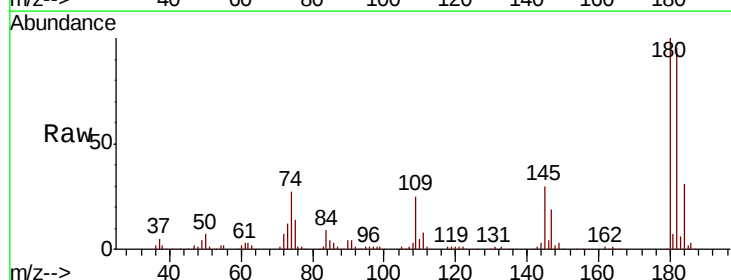
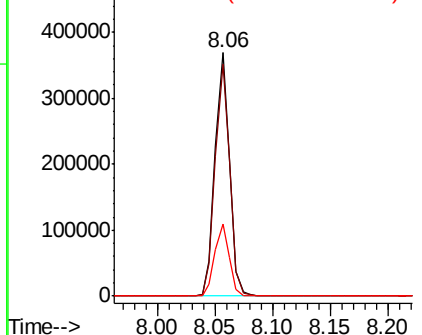
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	323951		
182	95.3	75.7	113.5	
145	29.6	24.3	36.5	

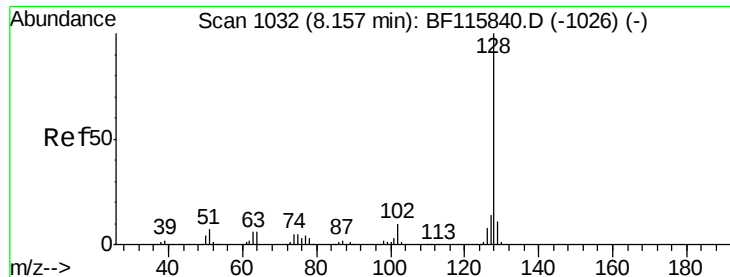
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





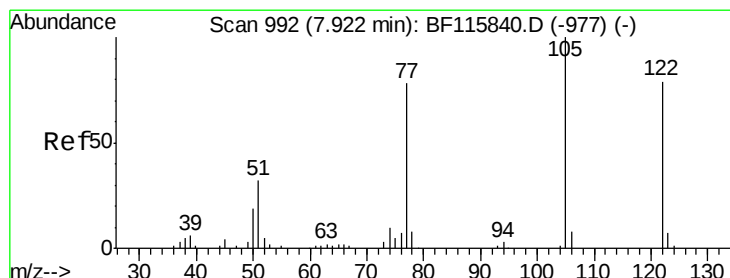
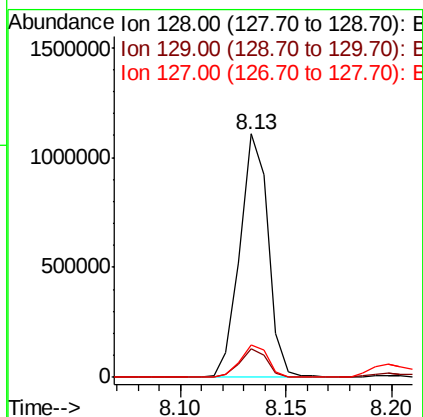
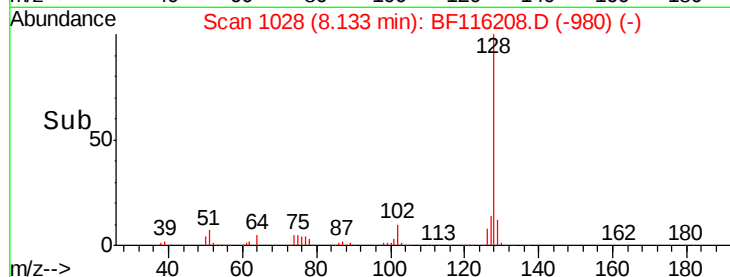
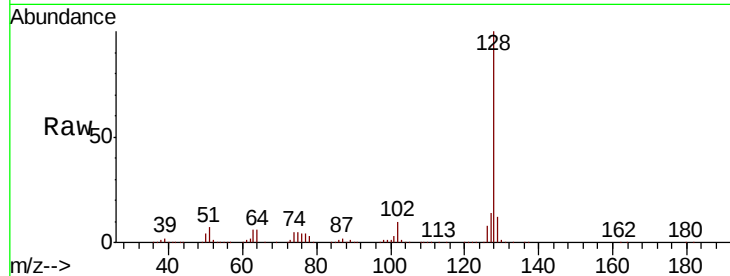
#31
Naphthalene
Concen: 46.457 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.5	11.4	17.0

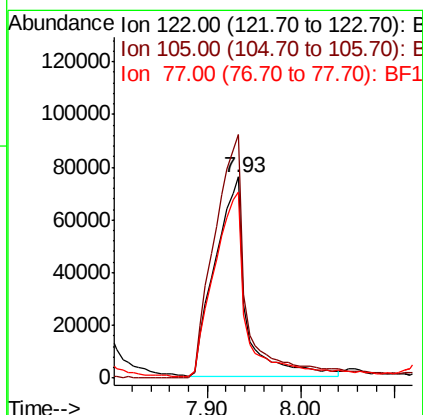
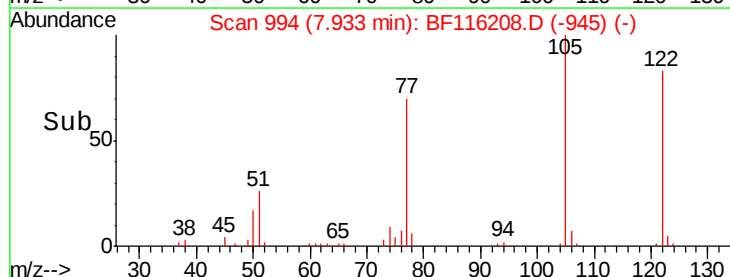
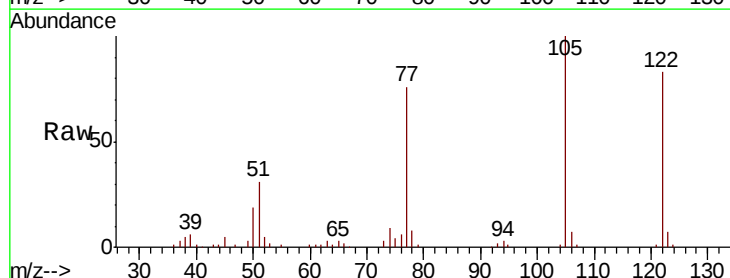
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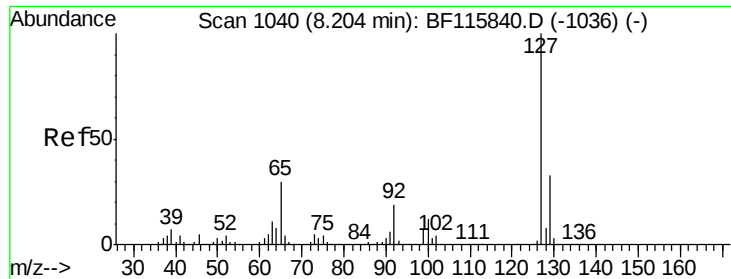
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#32
Benzoic acid
Concen: 40.031 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.1	106.1	146.1
77	92.6	76.7	116.7





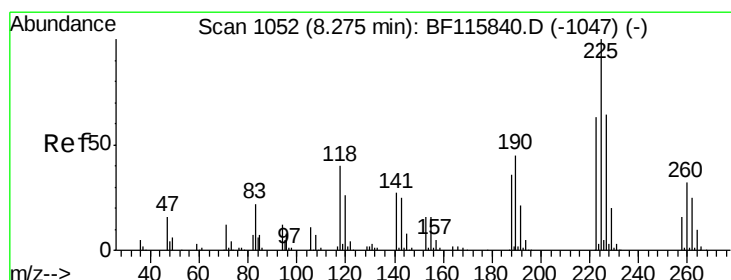
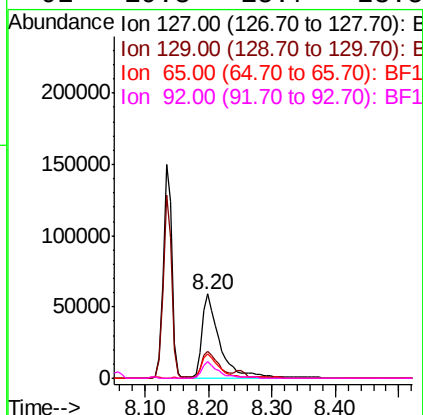
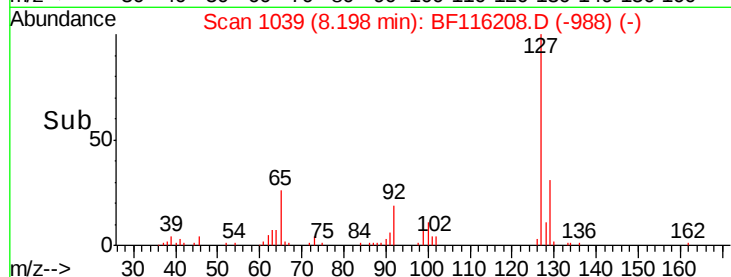
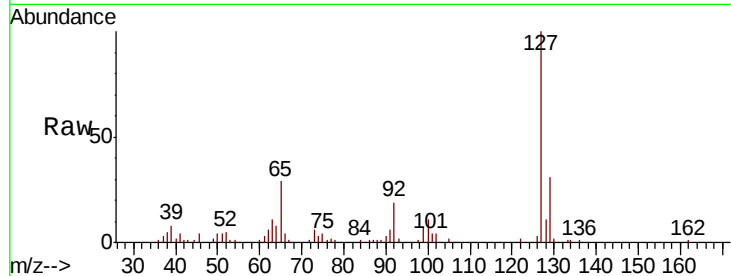
#33
4-Chloroaniline
Concen: 11.839 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.1	39.1
65	29.5	24.9	37.3
92	19.3	15.7	23.5

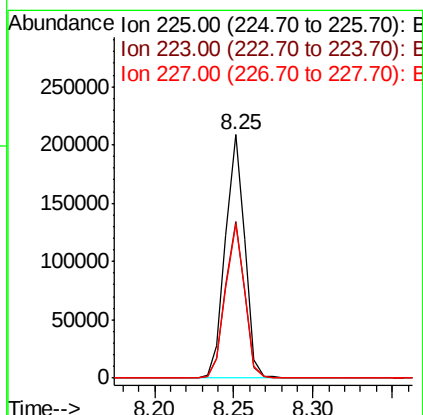
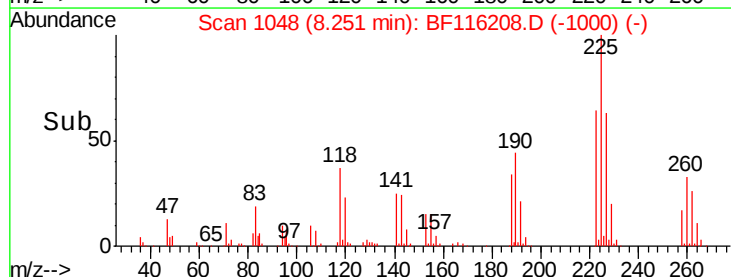
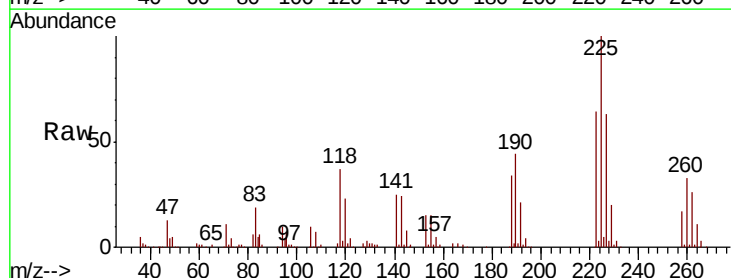
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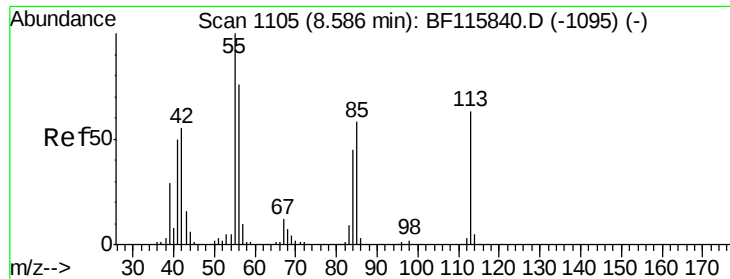
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#34
Hexachlorobutadiene
Concen: 40.883 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	50.0	75.0
227	63.5	51.0	76.4





#35

Caprolactam

Concen: 36.524 ng/mL

RT: 8.57 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Instrument :

BNA_F

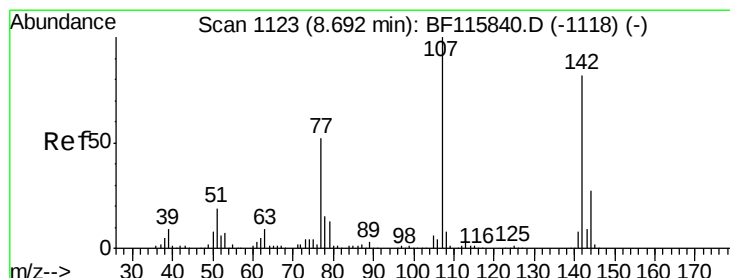
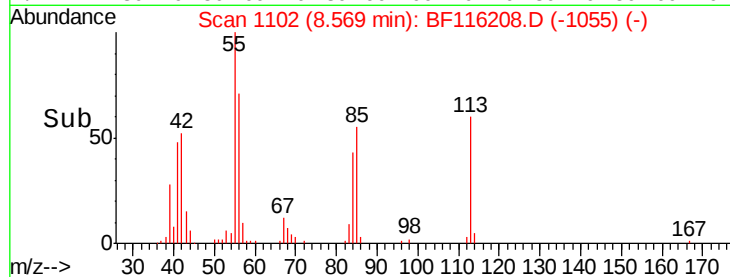
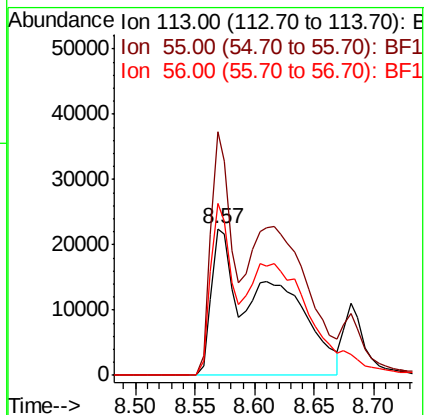
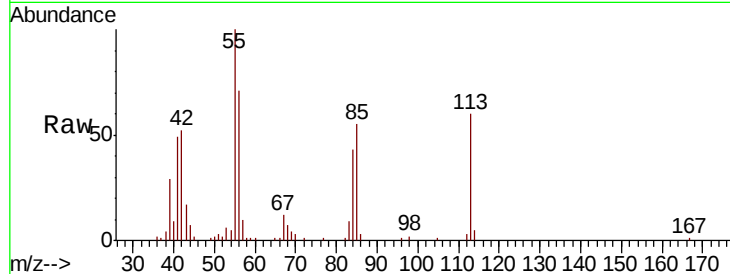
ClientSampleId :

2S-H1-H4-COMP-(0-1)MSD

Tot Ion:	113	Resp:	77854
Ion	Ratio	Lower	Upper
113	100		
55	166.0	144.3	184.3
56	117.3	97.1	137.1

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#36

4-Chloro-3-methylphenol

Concen: 50.374 ng/mL

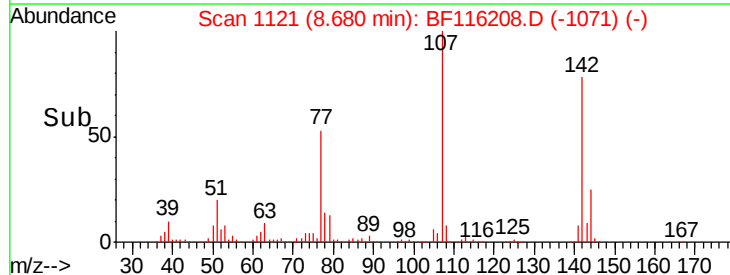
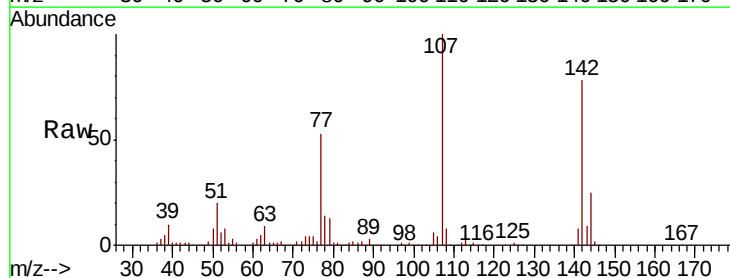
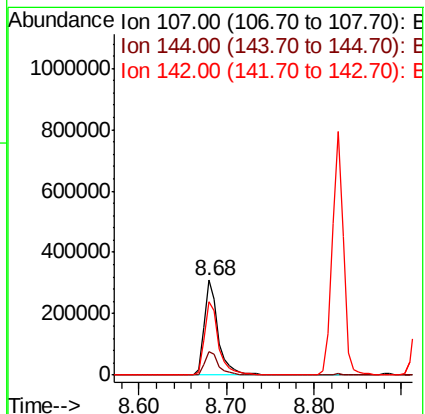
RT: 8.68 min Scan# 1121

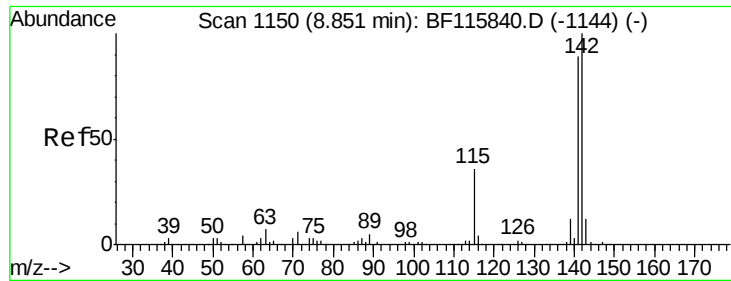
Delta R.T. -0.01 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Tgt Ion:	107	Resp:	345380
Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.2	30.2
142	78.0	61.7	92.5





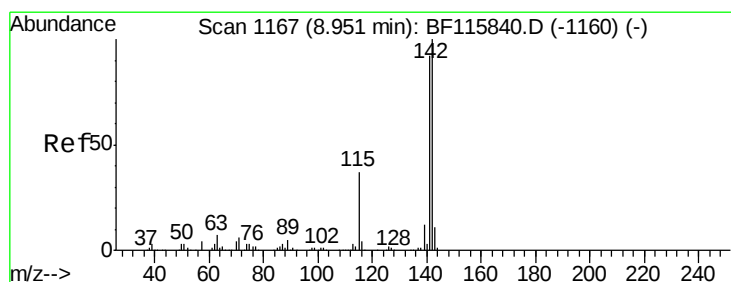
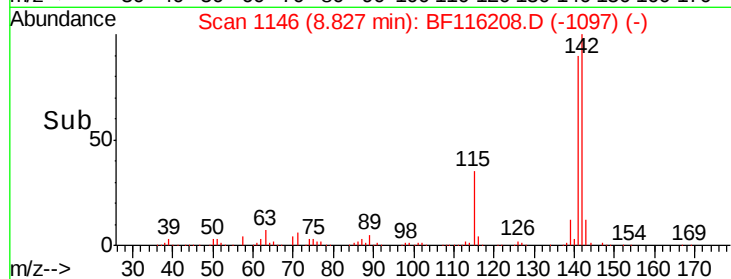
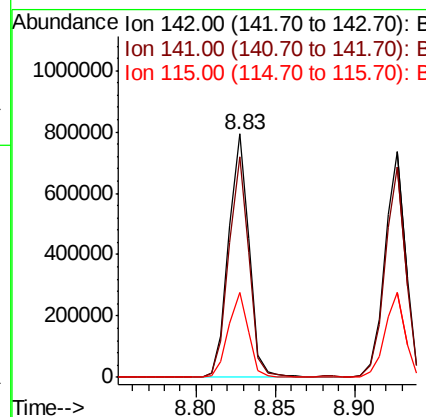
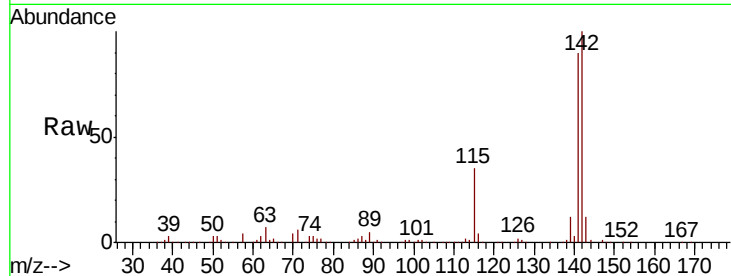
#37
2-Methylnaphthalene
Concen: 48.533 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.9	106.3
115	35.0	29.0	43.6

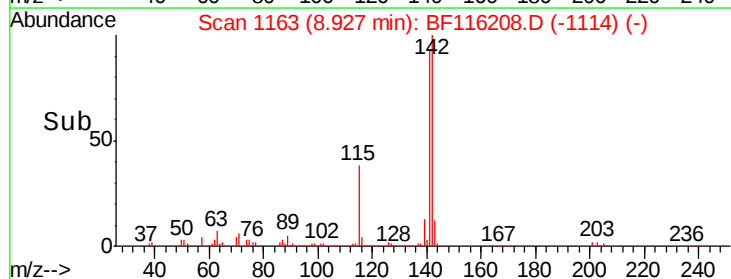
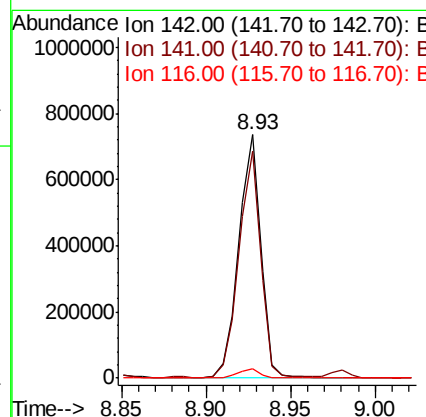
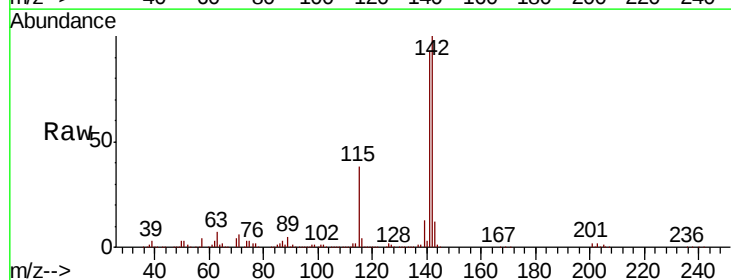
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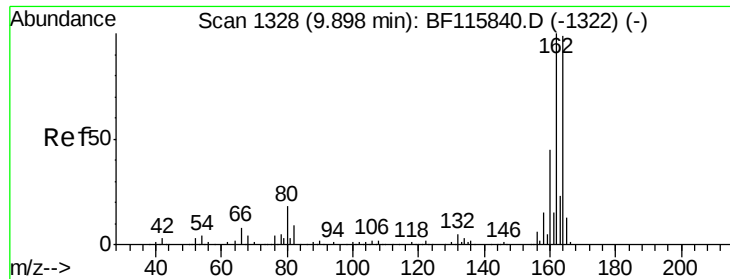
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#38
1-Methylnaphthalene
Concen: 47.873 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.4	111.6
116	3.9	3.1	4.7





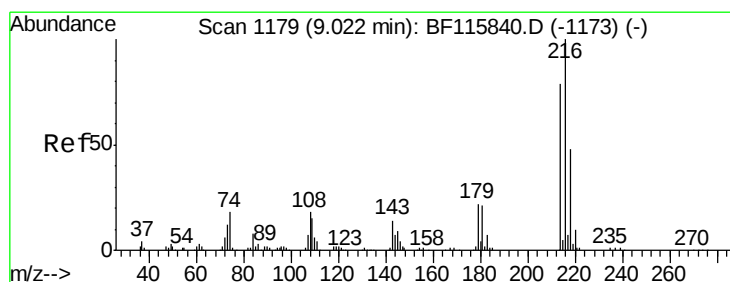
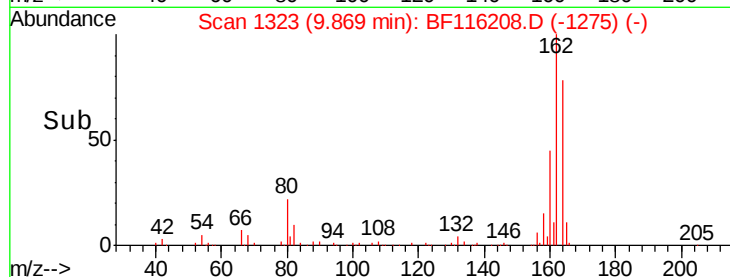
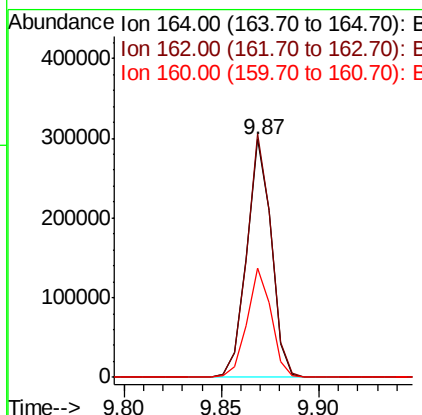
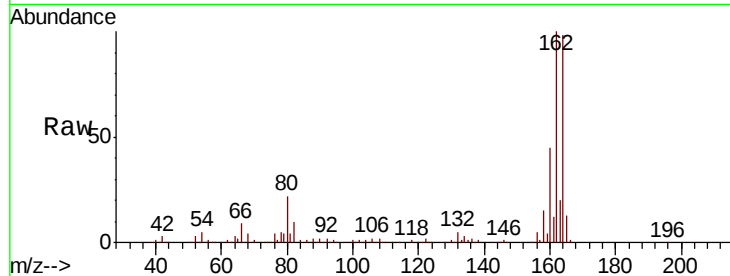
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116208.D
 Acq: 13 Aug 2019 00:08

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	124.0
160	45.8	37.6	56.4

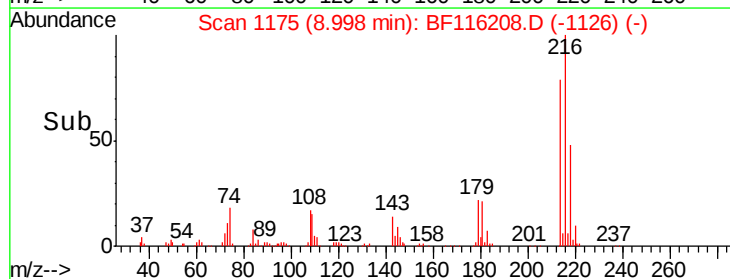
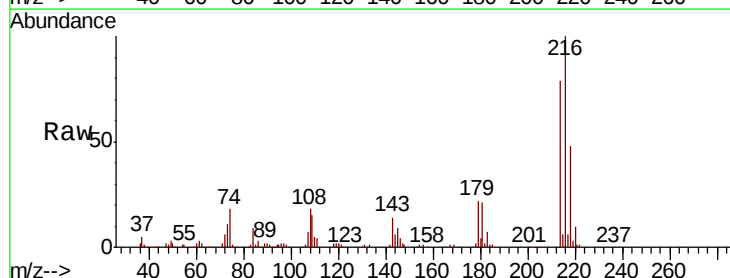
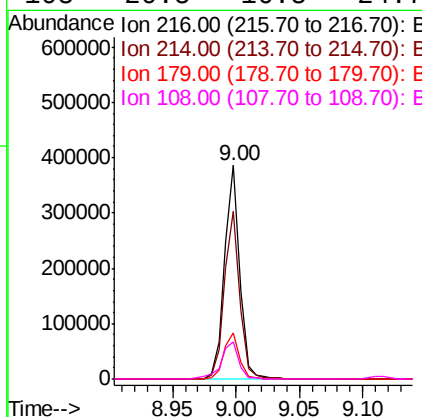
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.066 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF116208.D
 Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.6	95.4
179	22.0	17.8	26.8
108	20.5	16.5	24.7





#41

Hexachlorocyclopentadiene

Concen: 47.335 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Instrument :

BNA_F

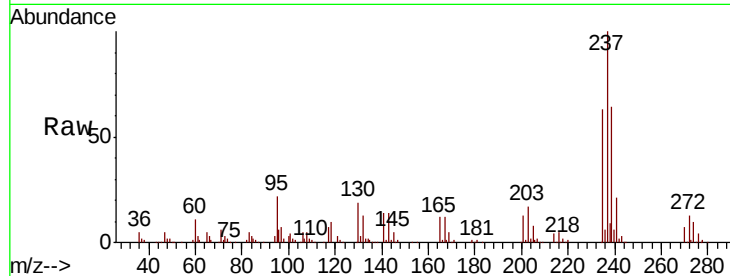
ClientSampleId :

2S-H1-H4-COMP-(0-1)MSD

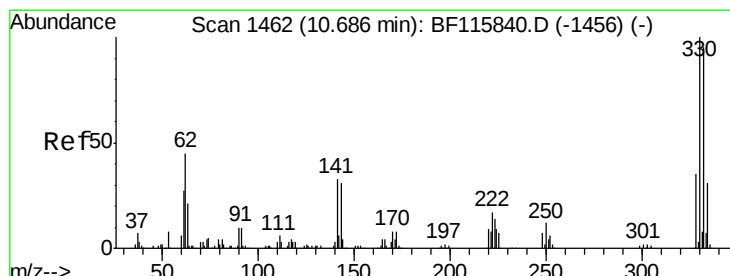
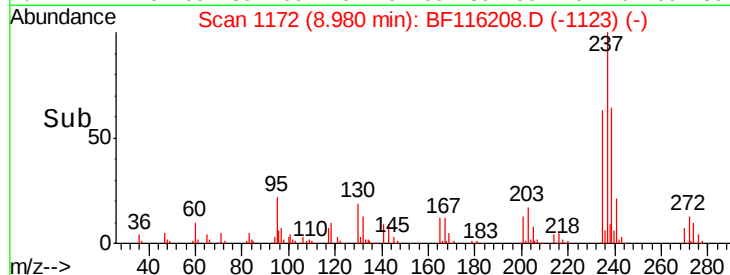
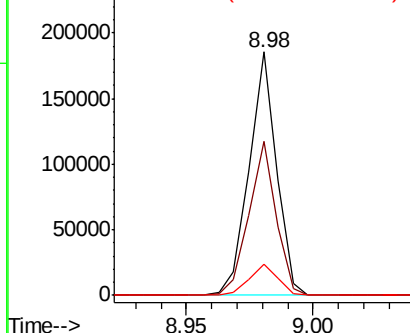
Tot Ion:	237	Resp:	140104
Ion Ratio	Lower	Upper	
237	100		
235	63.1	43.4	83.4
272	13.0	0.0	33.2

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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: 138.644 ng

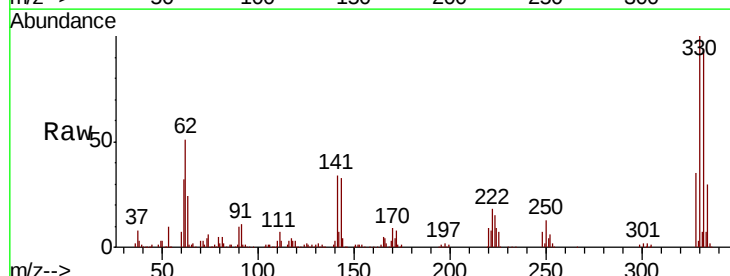
RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

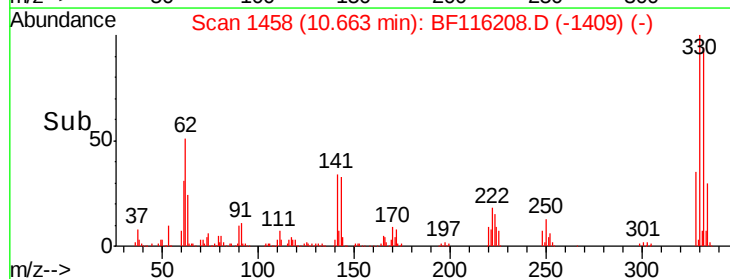
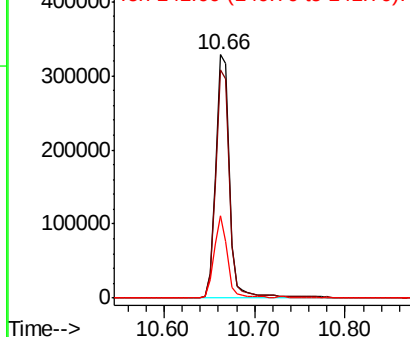
Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Tgt Ion:	330	Resp:	350856
Ion Ratio	Lower	Upper	
330	100		
332	94.5	76.8	115.2
141	32.3	26.3	39.5



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





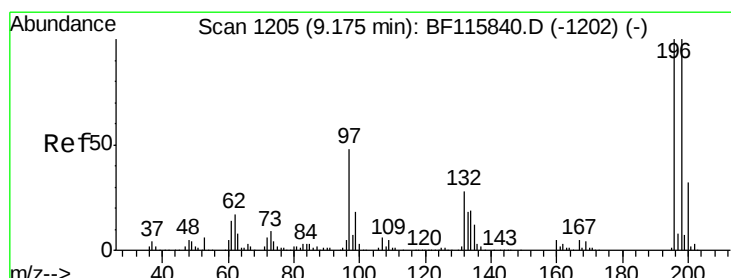
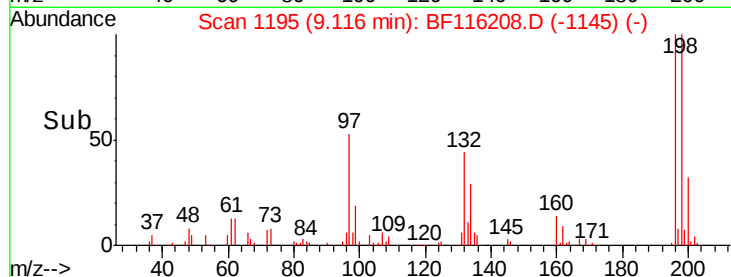
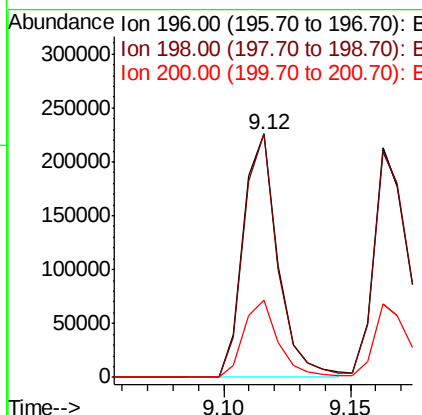
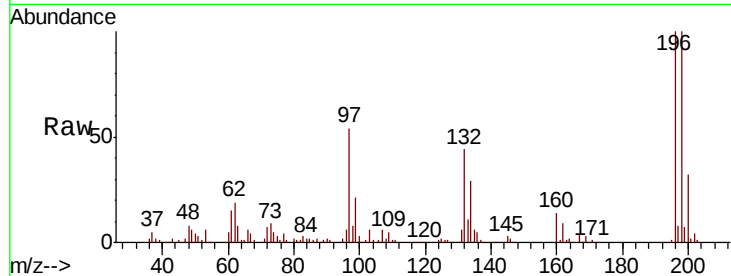
#43
 2,4,6-Trichlorophenol
 Concen: 45.044 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116208.D
 Acq: 13 Aug 2019 00:08

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	216349		
198	100.1	79.2	118.8	
200	31.9	25.2	37.8	

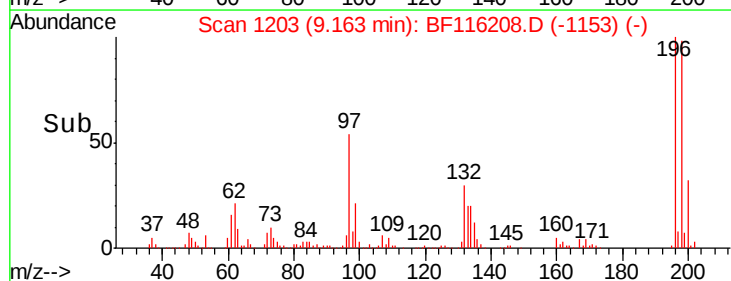
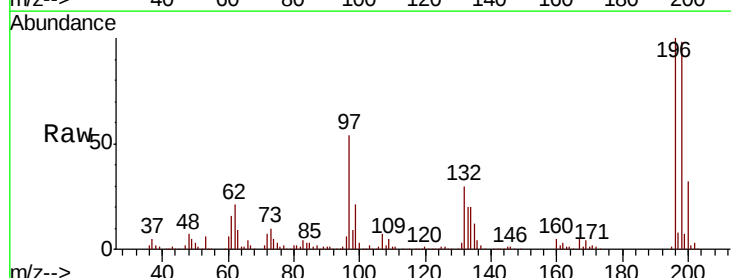
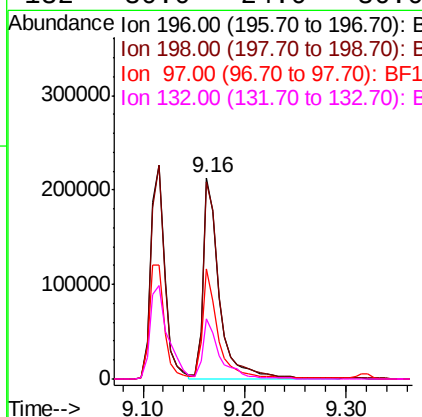
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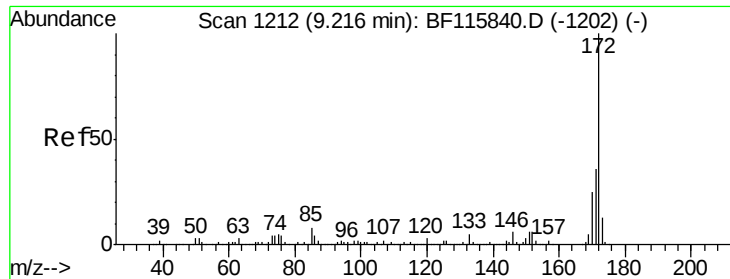
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#44
 2,4,5-Trichlorophenol
 Concen: 47.316 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116208.D
 Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	234919		
198	98.0	78.8	118.2	
97	54.4	42.2	63.4	
132	30.0	24.0	36.0	





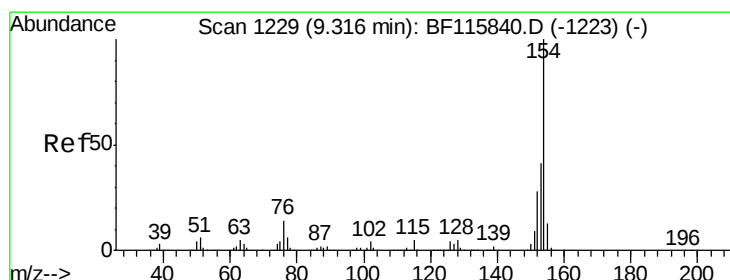
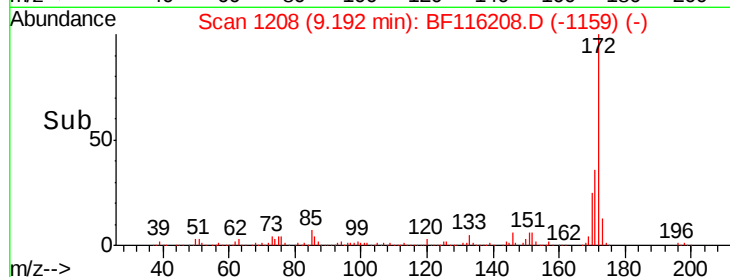
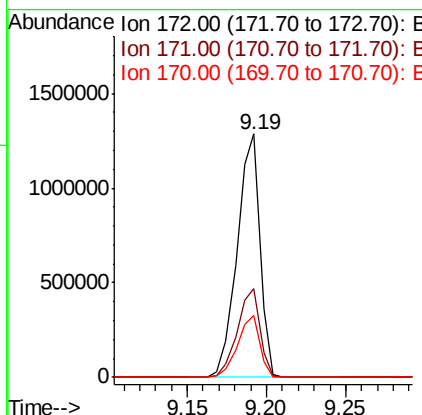
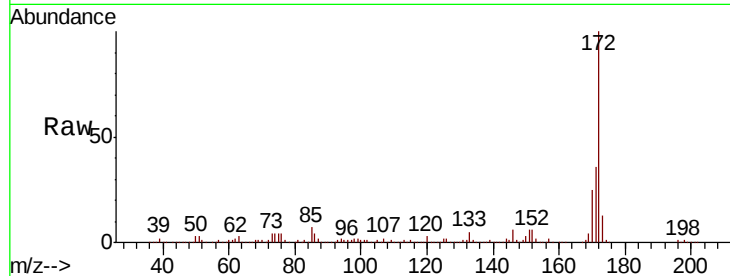
#45
2-Fluorobiphenyl
Concen: 91.776 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	25.4	20.1	30.1

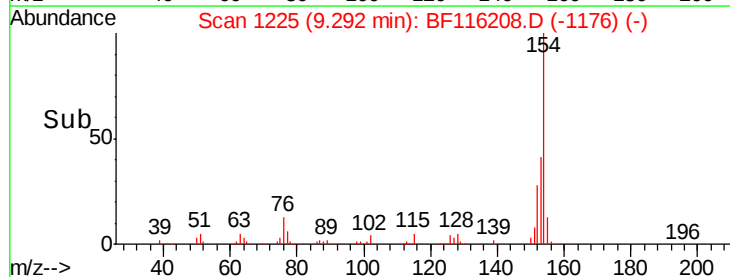
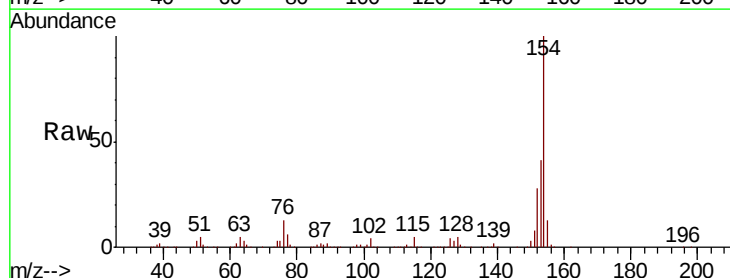
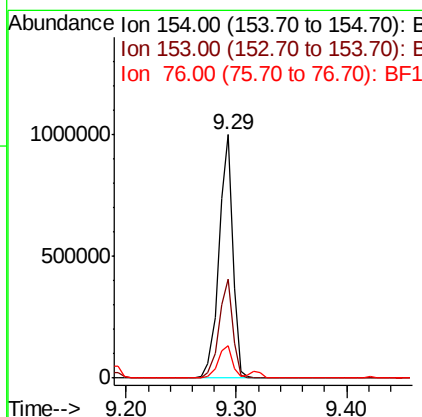
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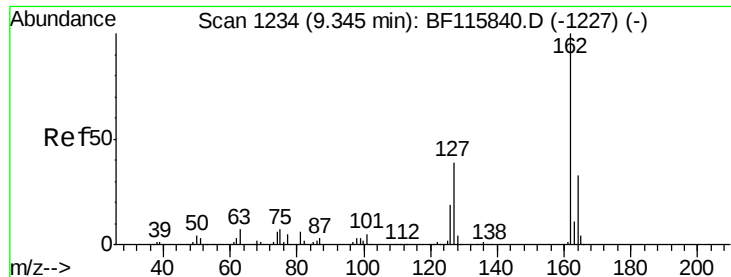
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#46
1,1'-Biphenyl
Concen: 47.249 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.4	61.4
76	13.4	0.0	35.2





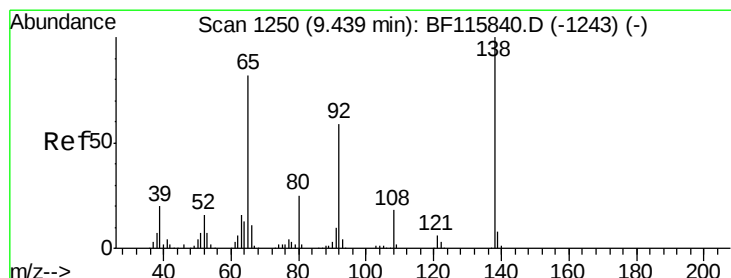
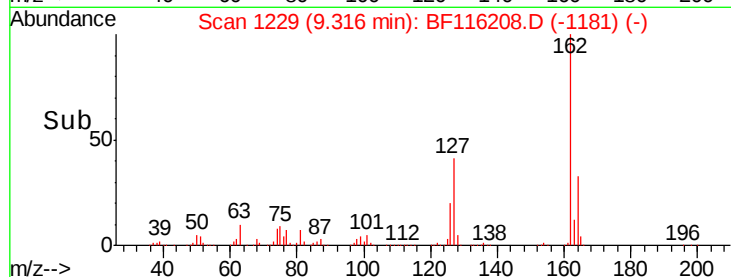
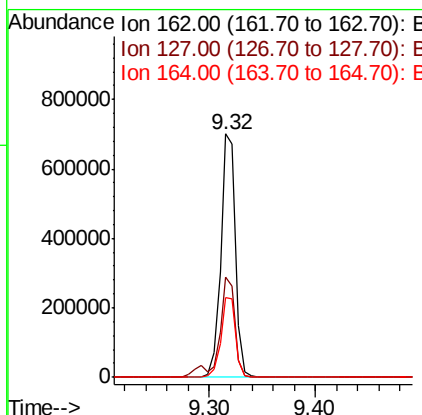
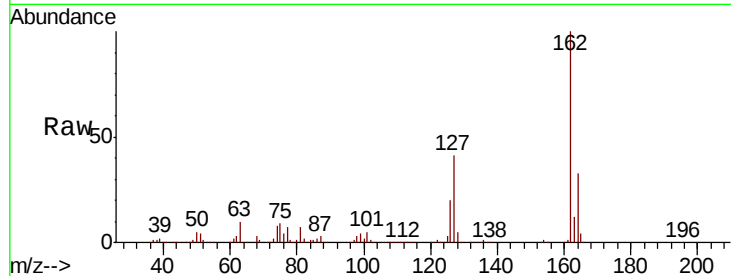
#47
 2-Chloronaphthalene
 Concen: 44.670 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF116208.D
 Acq: 13 Aug 2019 00:08

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MSD

Tot Ion:	162	Resp:	685119
Ion Ratio	Lower	Upper	
162	100		
127	41.3	32.8	49.2
164	32.5	26.6	39.8

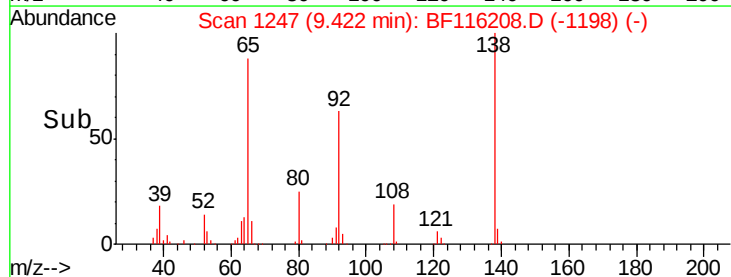
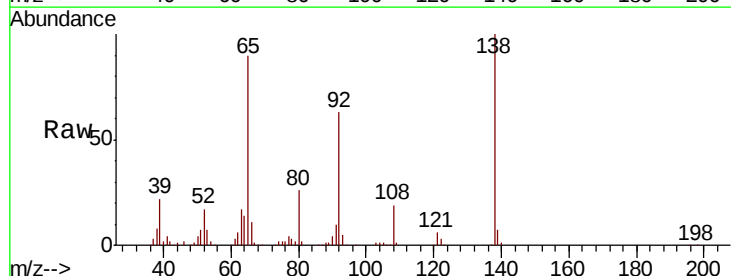
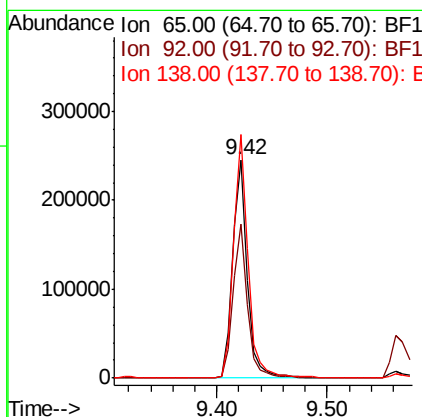
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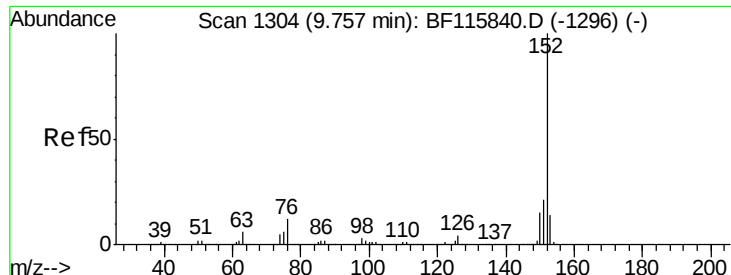
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#48
 2-Nitroaniline
 Concen: 45.558 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116208.D
 Acq: 13 Aug 2019 00:08

Tgt Ion:	65	Resp:	230958
Ion Ratio	Lower	Upper	
65	100		
92	70.7	57.8	86.8
138	111.5	94.0	141.0





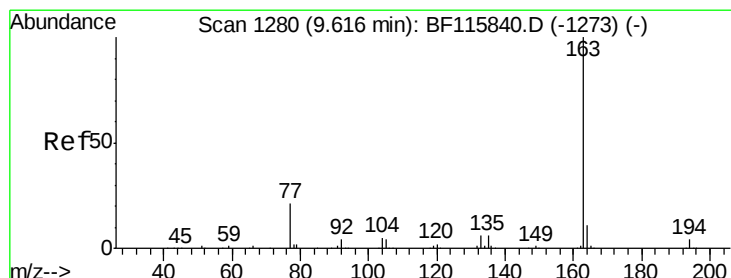
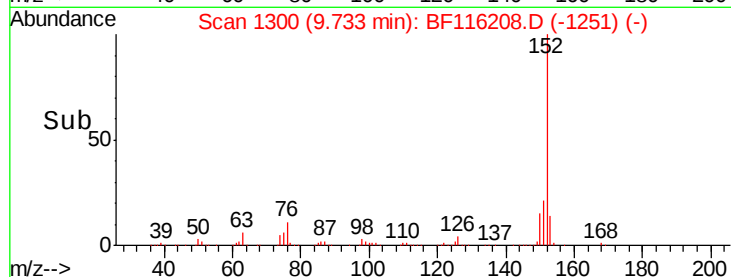
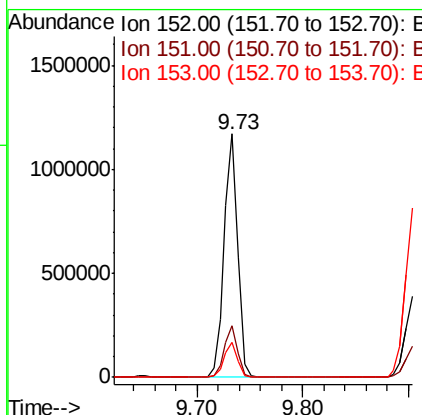
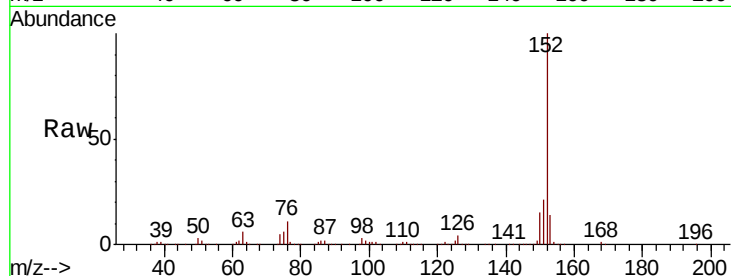
#49
Acenaphthylene
Concen: 47.154 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.2	25.8
153	14.2	11.8	17.8

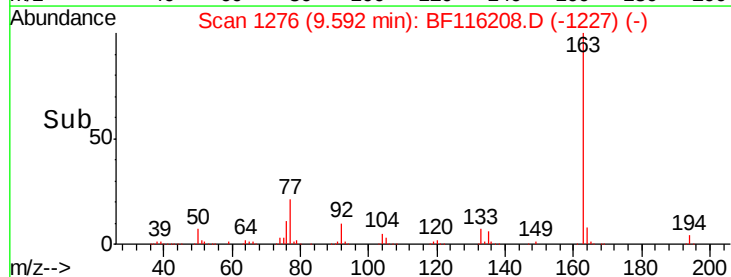
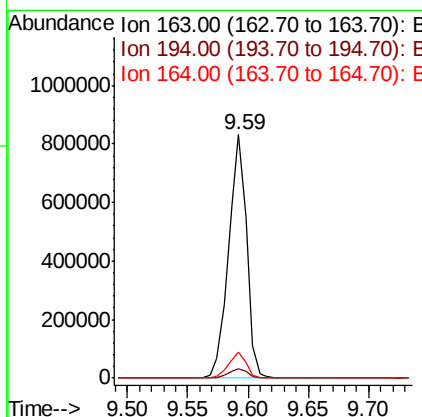
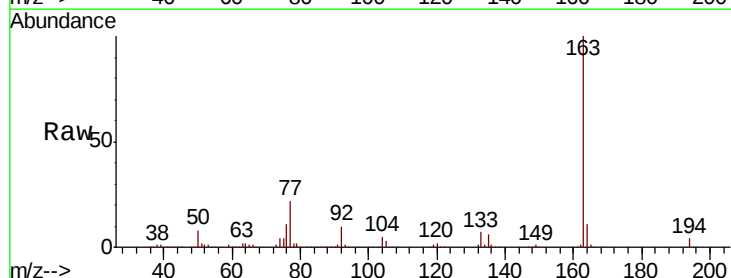
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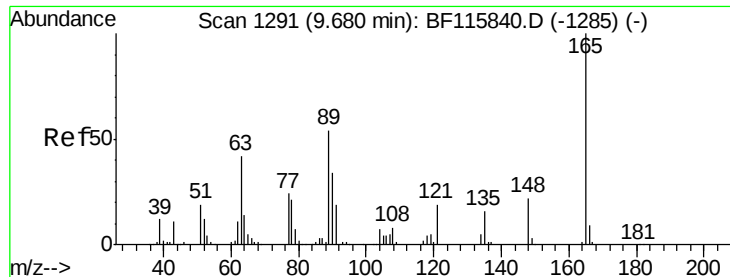
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#50
Dimethylphthalate
Concen: 48.565 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.6	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 48.533 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Instrument :

BNA_F

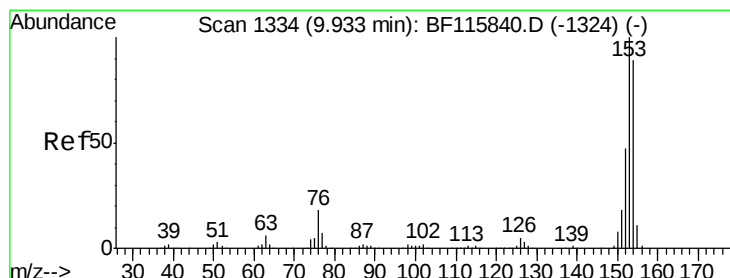
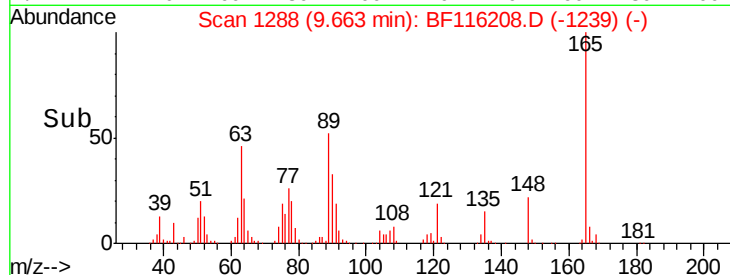
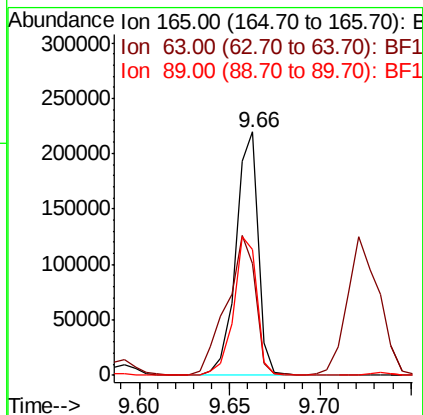
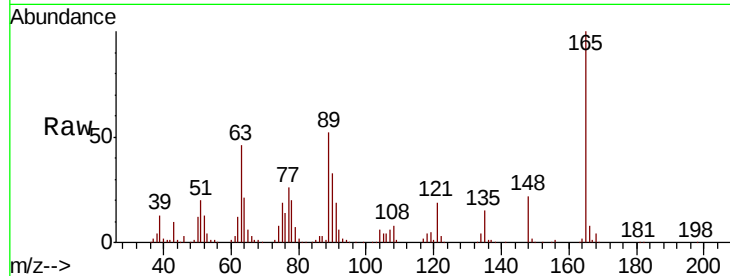
ClientSampleId :

2S-H1-H4-COMP-(0-1)MSD

Tot Ion:	165	Resp:	187445
Ion Ratio	Lower	Upper	
165	100		
63	46.1	38.2	57.2
89	51.7	42.9	64.3

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#52

Acenaphthene

Concen: 47.018 ng

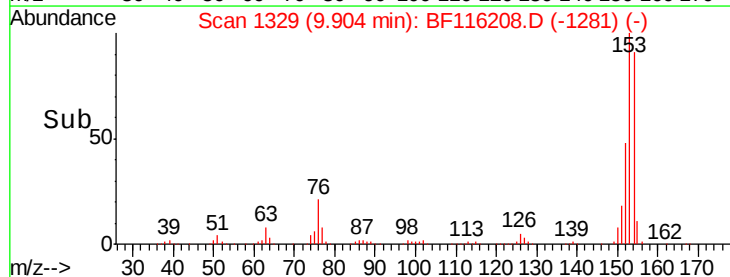
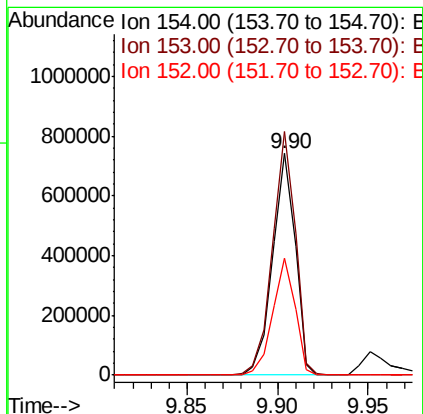
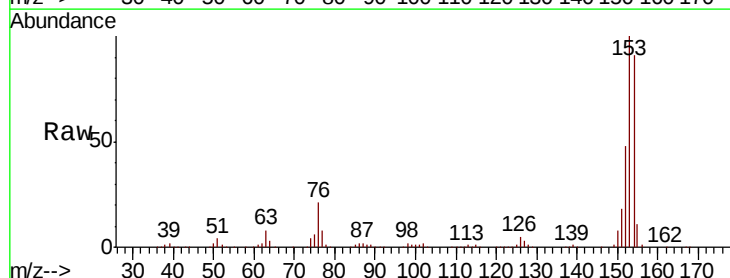
RT: 9.90 min Scan# 1329

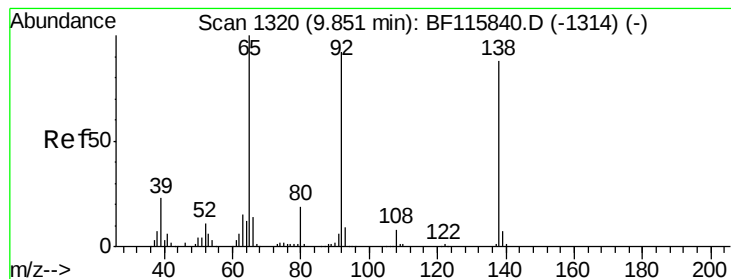
Delta R.T. -0.02 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Tgt Ion:	154	Resp:	645431
Ion Ratio	Lower	Upper	
154	100		
153	109.9	89.4	134.0
152	52.6	42.3	63.5





#53

3-Nitroaniline

Concen: 24.787 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Instrument :

BNA_F

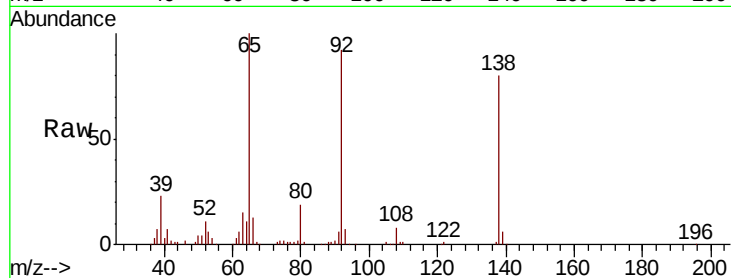
ClientSampleId :

2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.0	12.0
92	114.9	91.0	136.6

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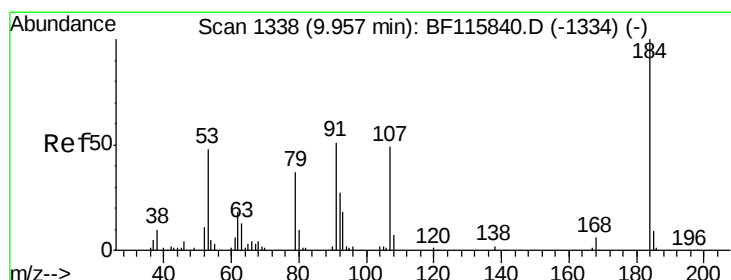
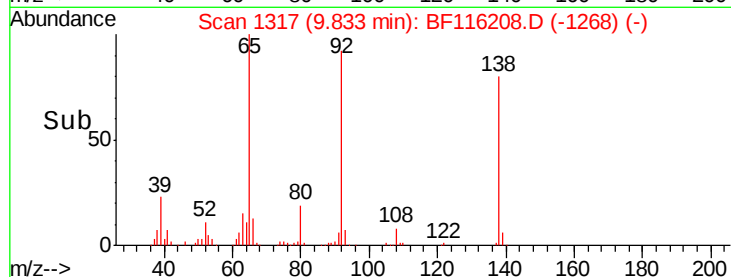
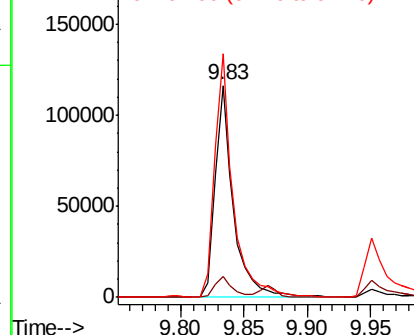


Abundance

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: 75.769 ng

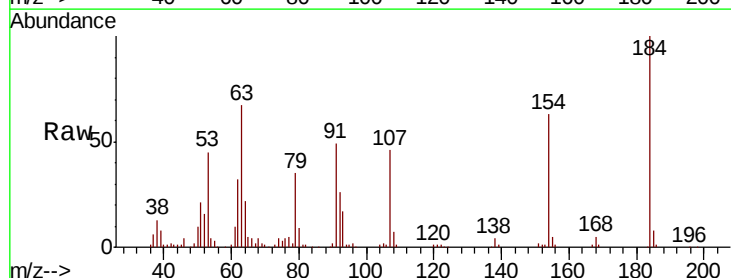
RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.0	53.0	79.4
154	63.4	50.1	75.1

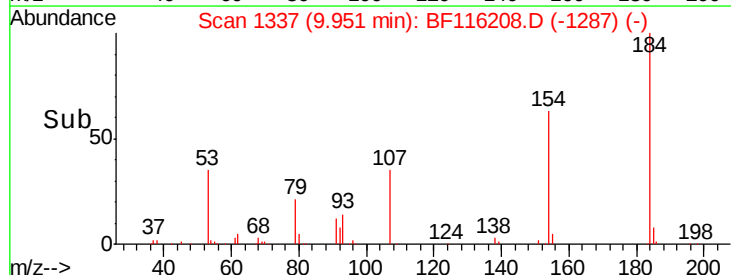
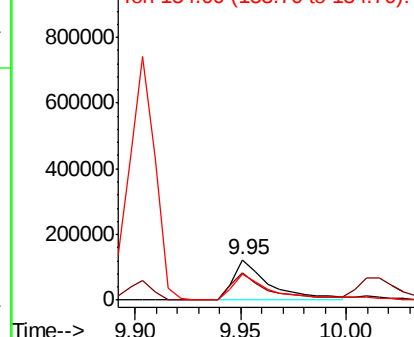


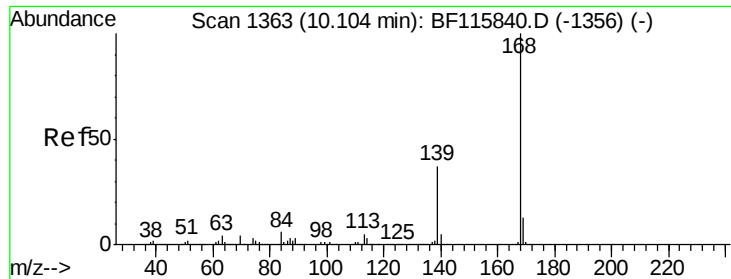
Abundance

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: 46.398 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Instrument :

BNA_F

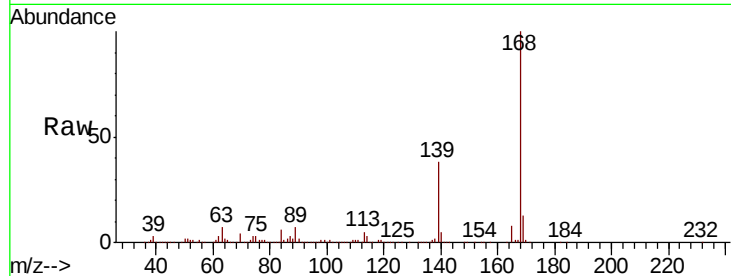
ClientSampleId :

2S-H1-H4-COMP-(0-1)MSD

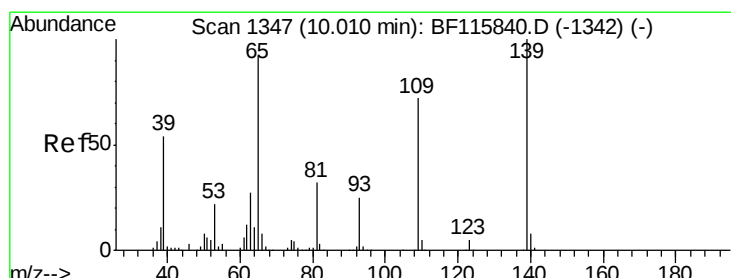
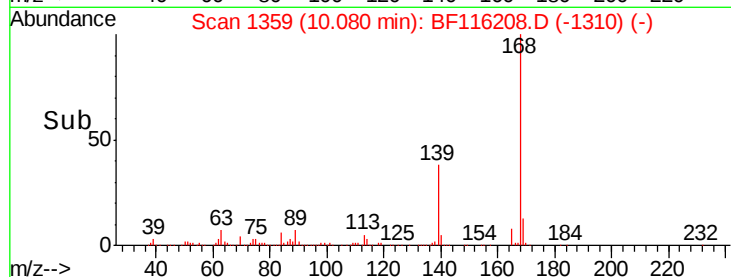
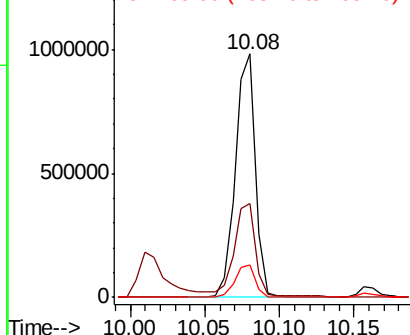
Tot Ion:	168	Resp:	926226
Ion Ratio	Lower	Upper	
168	100		
139	38.5	31.4	47.2
169	13.4	10.9	16.3

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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: 76.911 ng

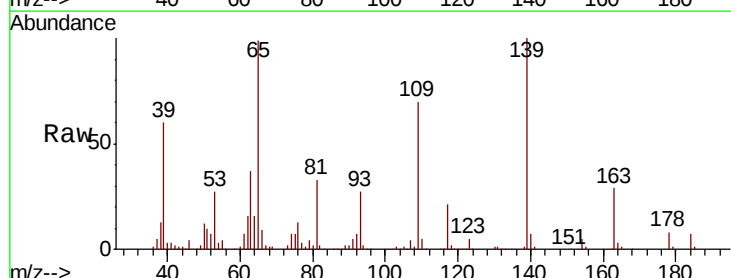
RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

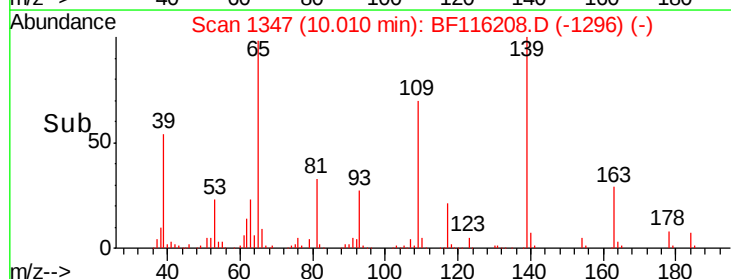
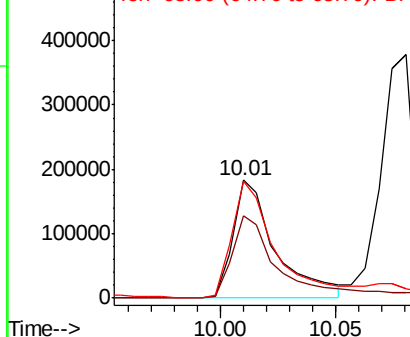
Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Tgt Ion:	139	Resp:	235126
Ion Ratio	Lower	Upper	
139	100		
109	70.0	54.4	94.4
65	99.1	80.6	120.6



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





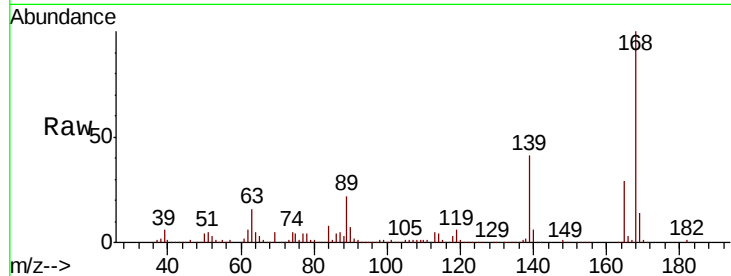
#57
 2,4-Dinitrotoluene
 Concen: 46.626 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF116208.D
 Acq: 13 Aug 2019 00:08

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	239762		
63	56.9	39.6	59.4	
89	78.4	62.2	93.2	
182	2.5	2.1	3.1	

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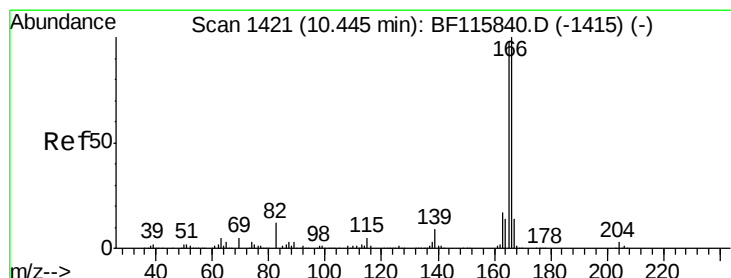
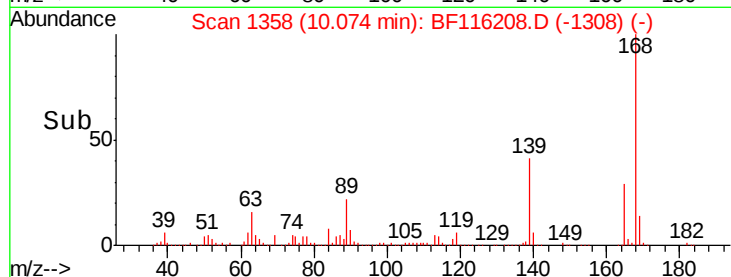
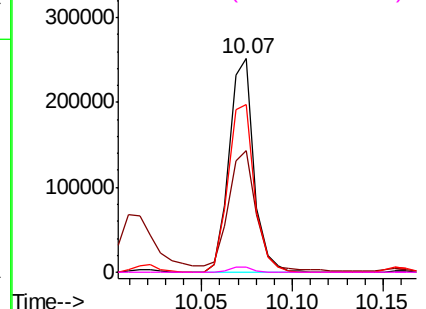
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

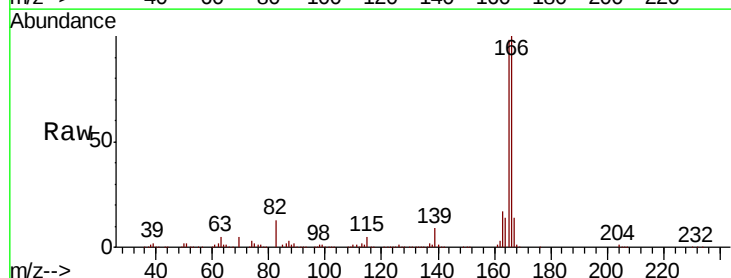
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 48.983 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116208.D
 Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	752321		
165	98.4	78.4	117.6	
167	13.6	11.0	16.4	

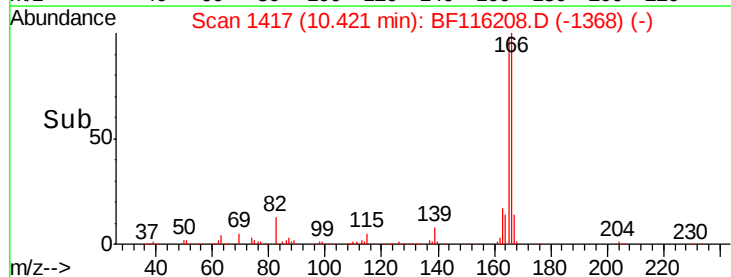
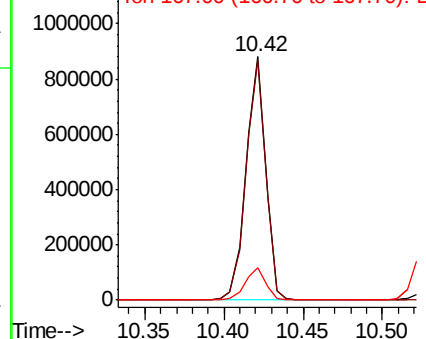


Abundance

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





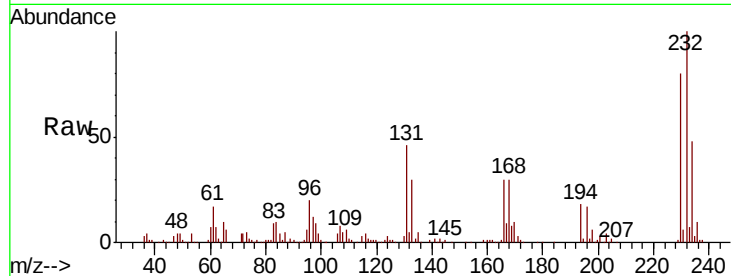
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.271 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. -0.01 min
 Lab File: BF116208.D
 Acq: 13 Aug 2019 00:08

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	214162		
131	44.1	36.2	54.2	
130	2.4	1.9	2.9	
166	28.9	23.0	34.4	

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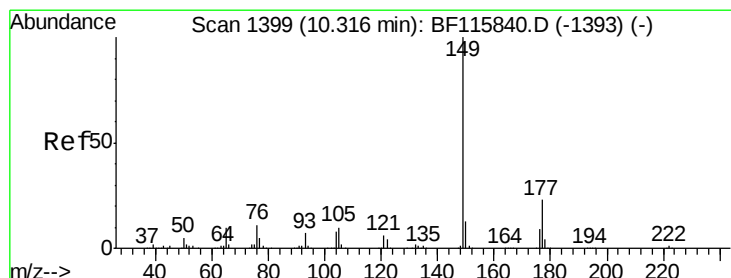
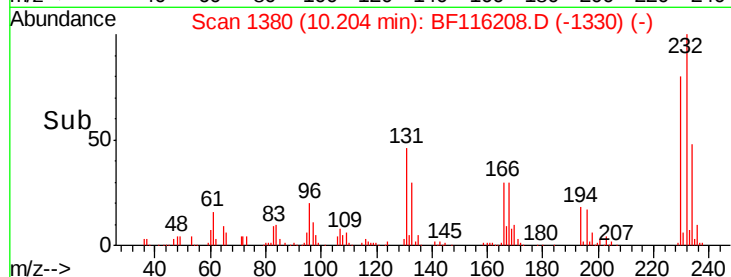
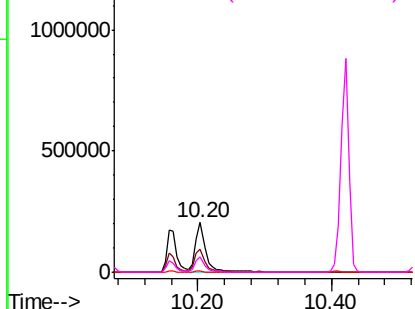
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

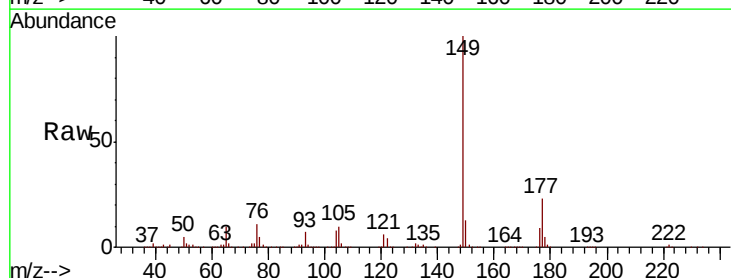
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 50.070 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF116208.D
 Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	830791		
177	22.8	18.8	28.2	
150	12.8	10.2	15.4	

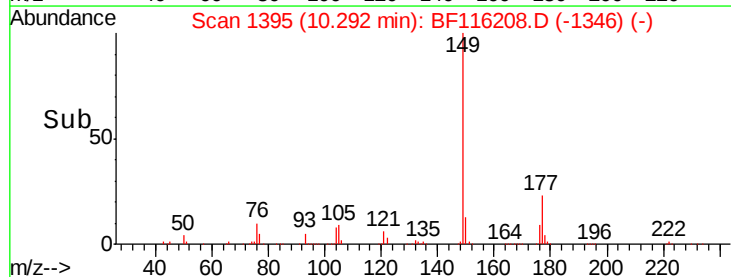
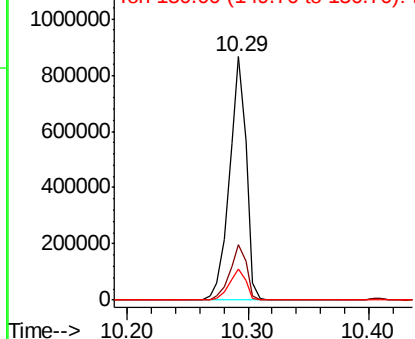


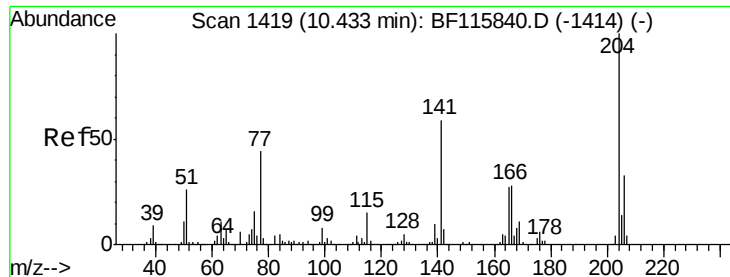
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





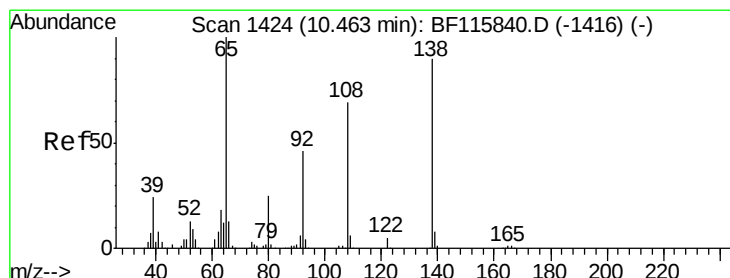
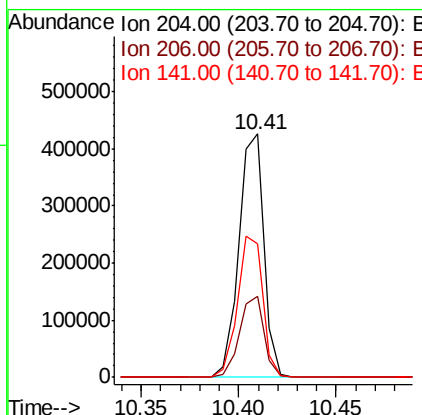
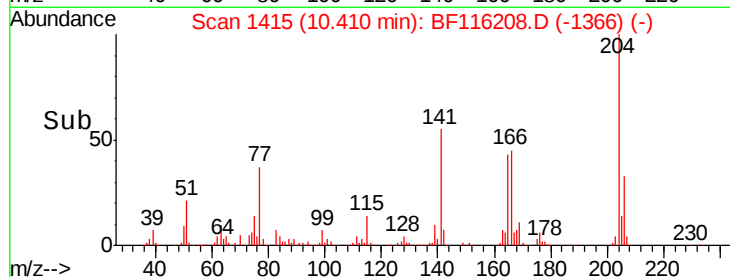
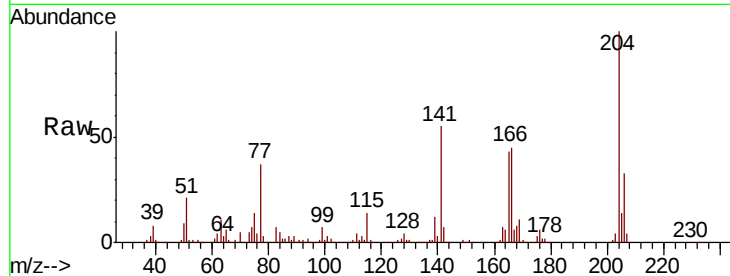
#61
4-Chlorophenyl-phenylether
Concen: 48.629 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.4	39.6
141	54.6	46.4	69.6

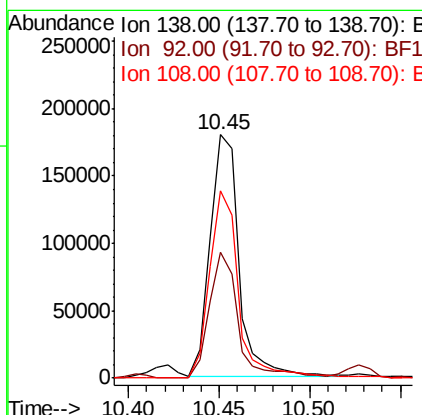
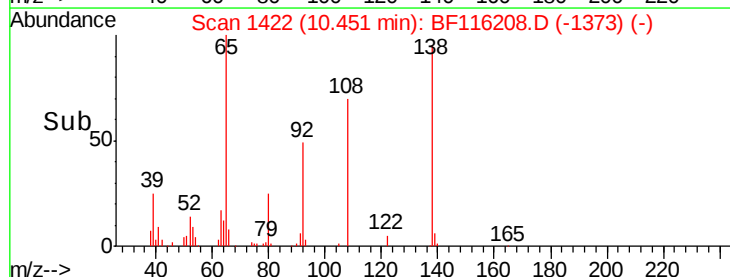
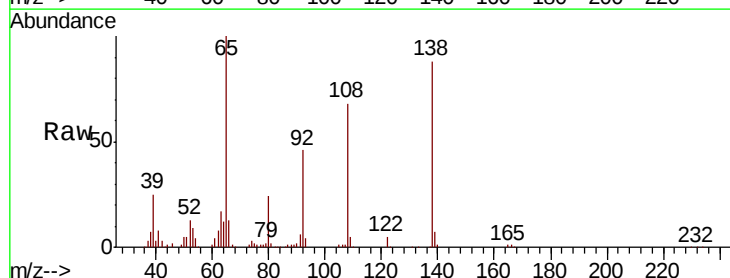
Manual Integrations
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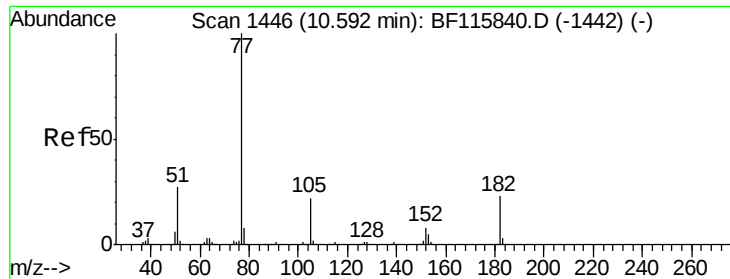
mohammad
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#62
4-Nitroaniline
Concen: 40.713 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.6	29.0	69.0
108	76.8	54.7	94.7





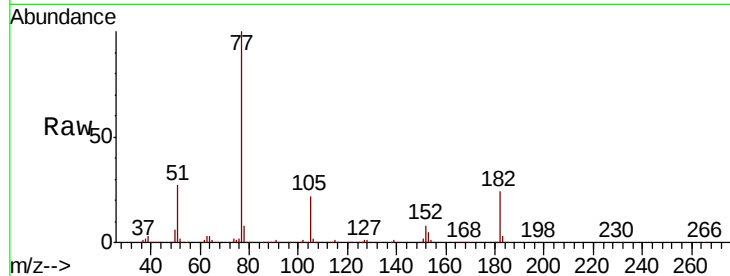
#63
Azobenzene
Concen: 48.857 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MSD

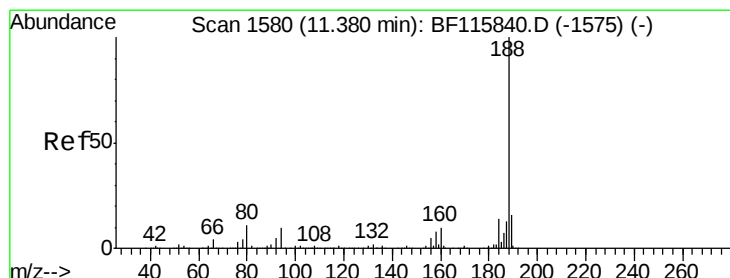
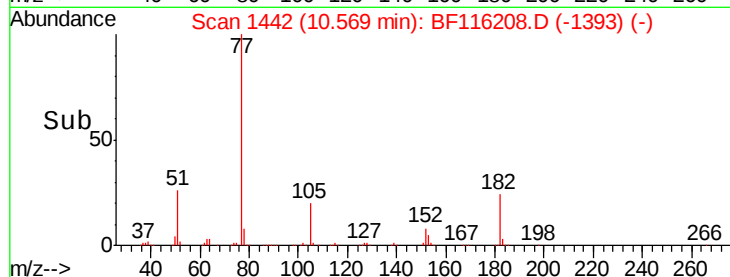
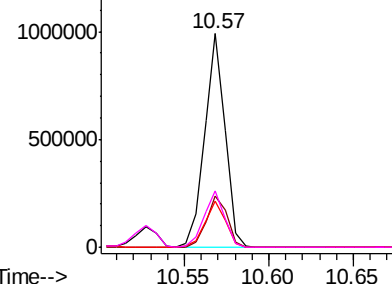
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.0	4.0	44.0
105	21.9	2.0	42.0
51	26.6	7.5	47.5

Manual Integrations
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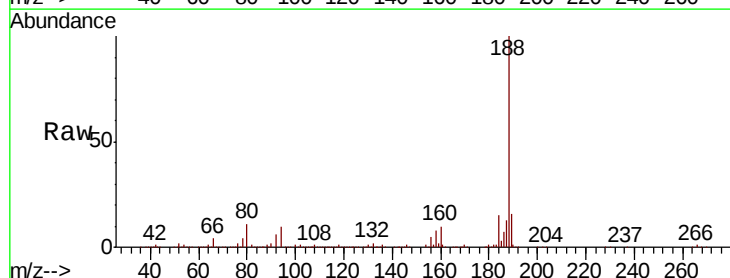


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

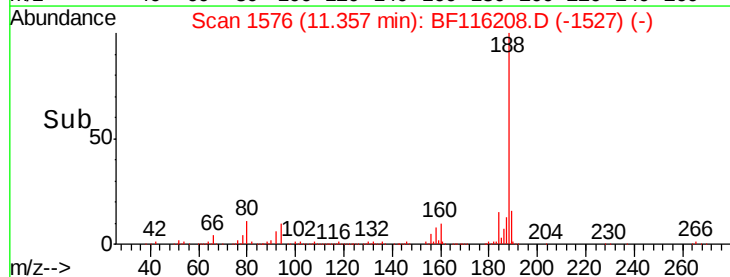
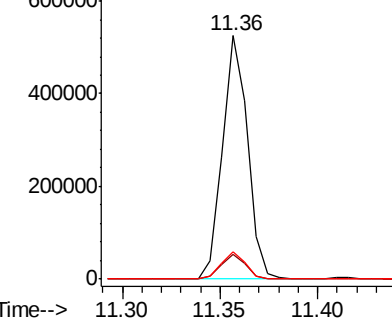


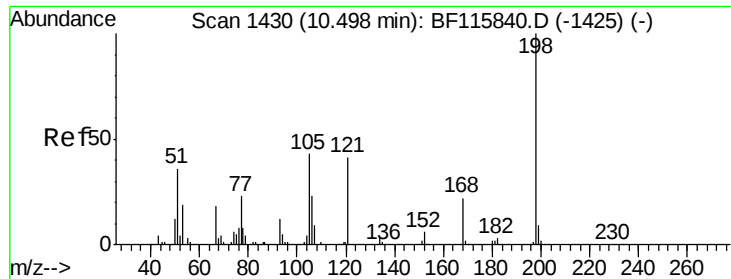
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.1	12.1
80	11.3	8.7	13.1



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





#65

4,6-Dinitro-2-methylphenol

Concen: 46.298 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Instrument :

BNA_F

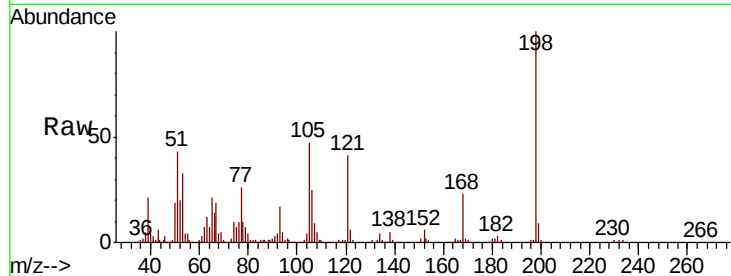
ClientSampleId :

2S-H1-H4-COMP-(0-1)MSD

Tot Ion:	198	Resp:	114934
Ion Ratio	Lower	Upper	
198	100		
51	43.4	17.0	57.0
105	47.2	21.6	61.6

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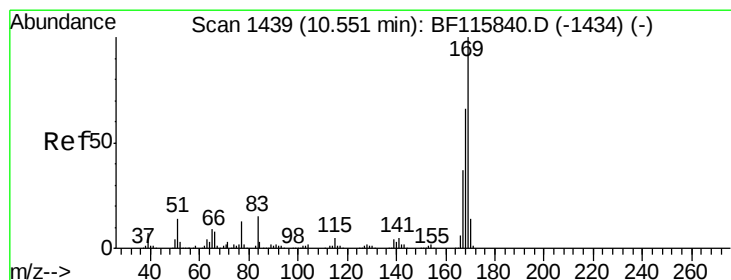
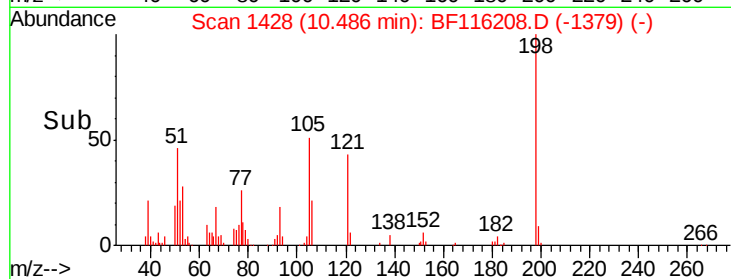
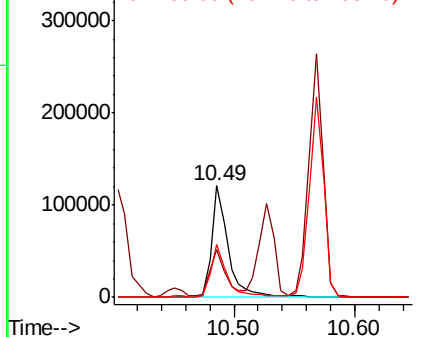
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.870 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.02 min

Lab File: BF116208.D

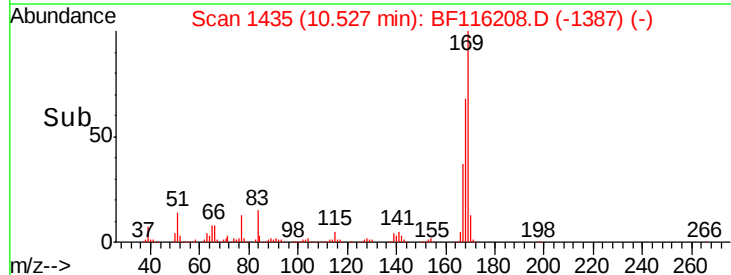
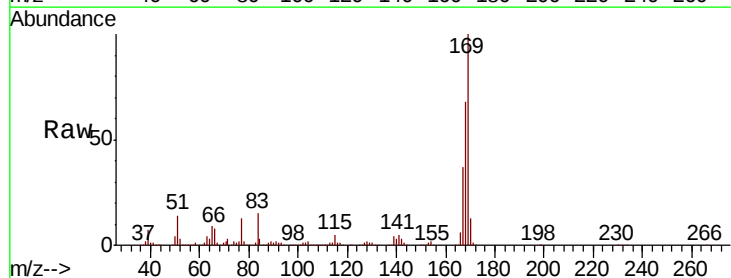
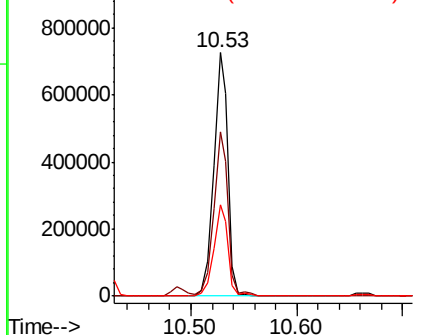
Acq: 13 Aug 2019 00:08

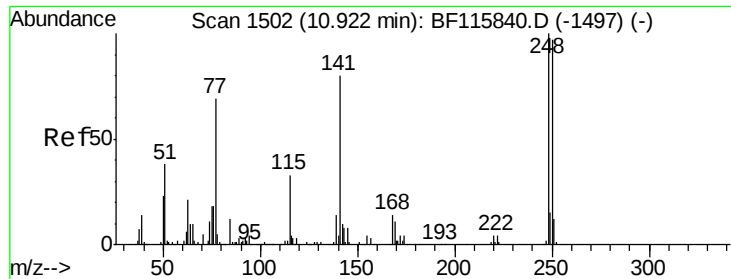
Tgt Ion:	169	Resp:	689054
Ion Ratio	Lower	Upper	
169	100		
168	67.5	53.8	80.6
167	37.3	29.6	44.4

Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





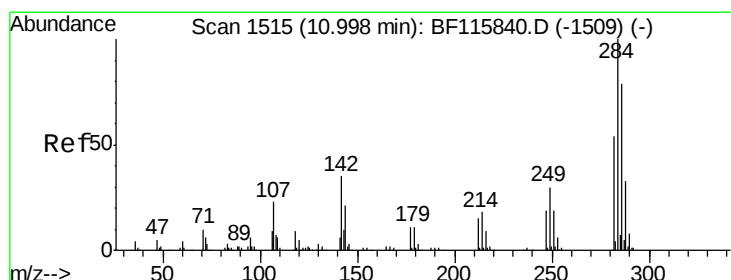
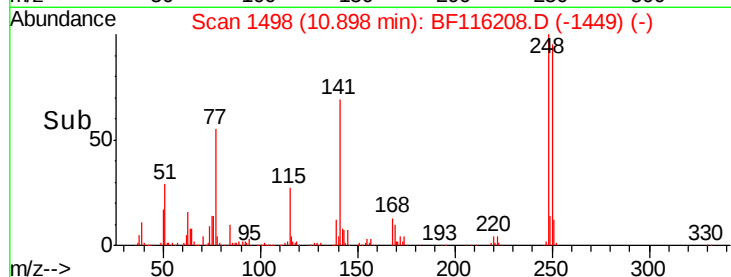
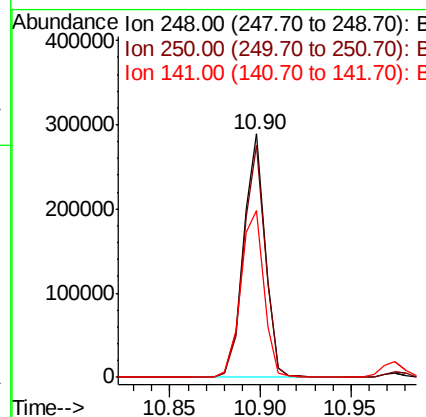
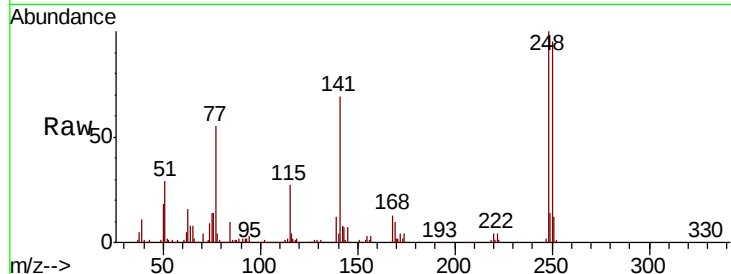
#67
4-Bromophenyl-phenylether
Concen: 47.679 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.4	77.4	116.2
141	68.5	56.8	85.2

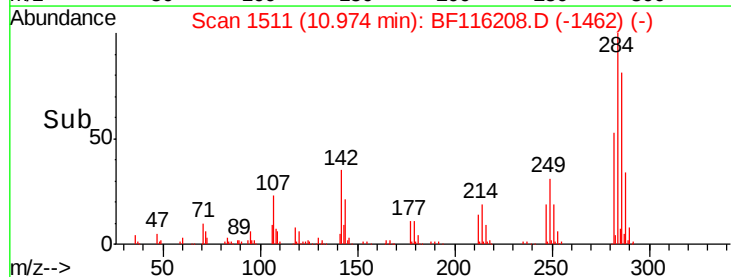
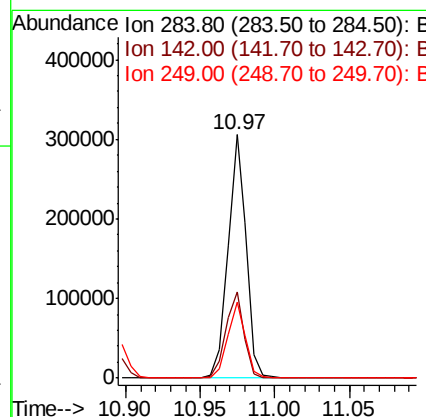
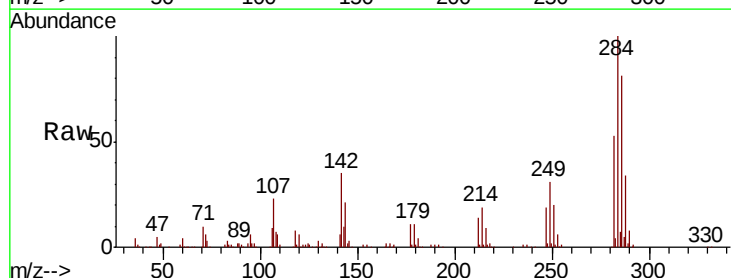
Manual Integrations
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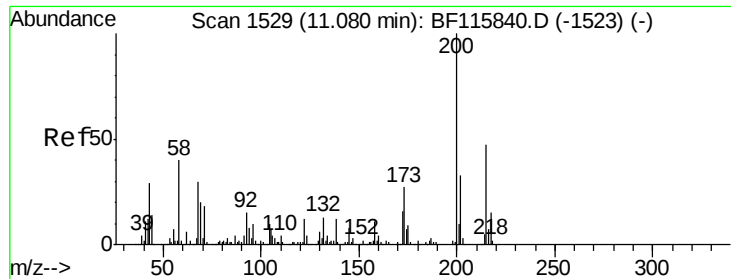
mohammad
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#68
Hexachlorobenzene
Concen: 45.394 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.5	28.4	42.6
249	31.0	24.5	36.7





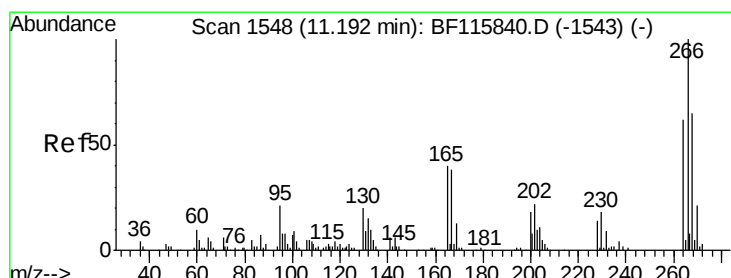
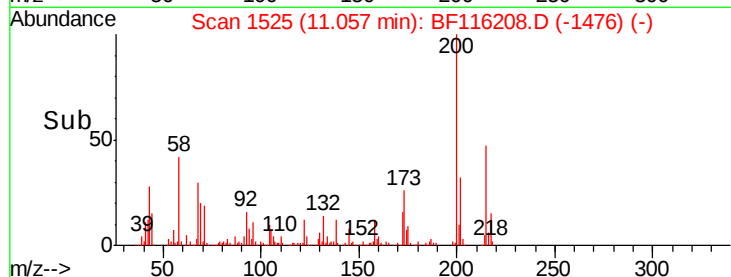
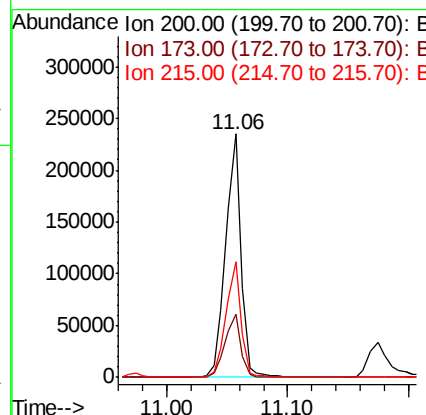
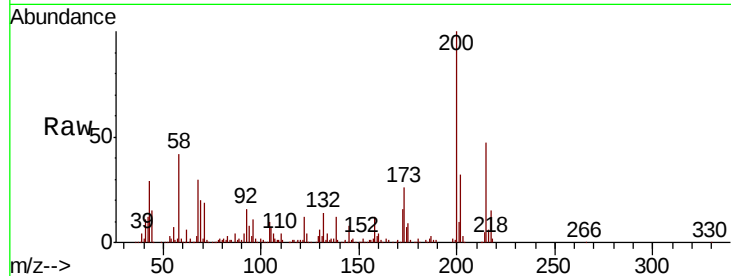
#69
Atrazine
Concen: 44.407 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	205983		
173	26.2	6.8	46.8	
215	47.5	27.5	67.5	

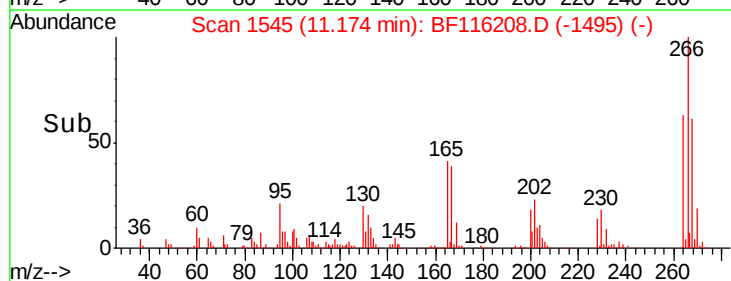
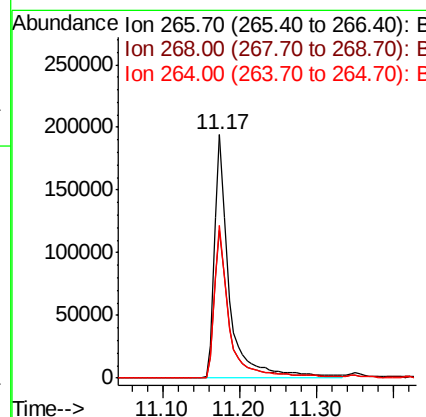
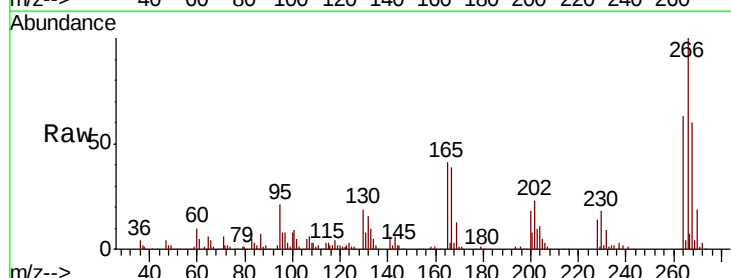
Manual Integrations
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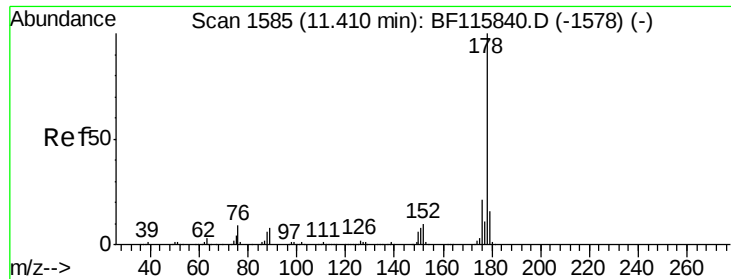
mohammad
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#70
Pentachlorophenol
Concen: 92.149 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	259424		
268	60.4	48.8	73.2	
264	62.6	50.6	76.0	





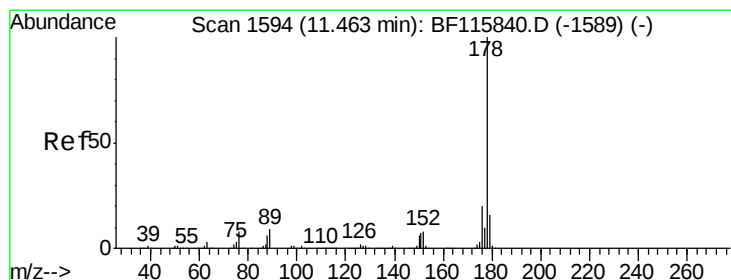
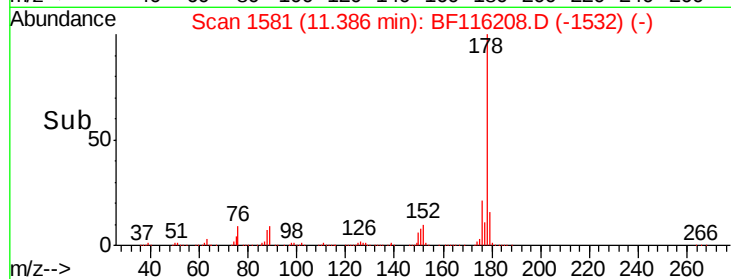
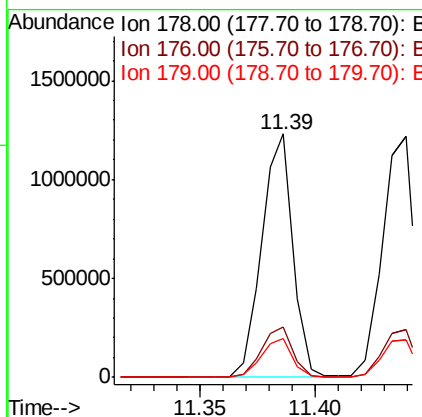
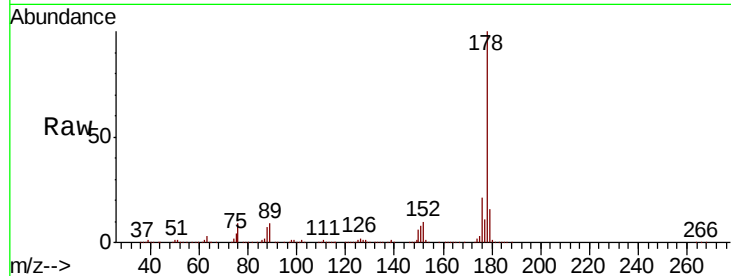
#71
Phenanthrene
Concen: 48.298 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	16.6	24.8
179	15.8	12.5	18.7

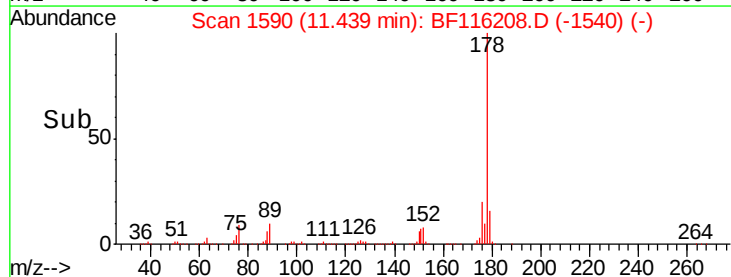
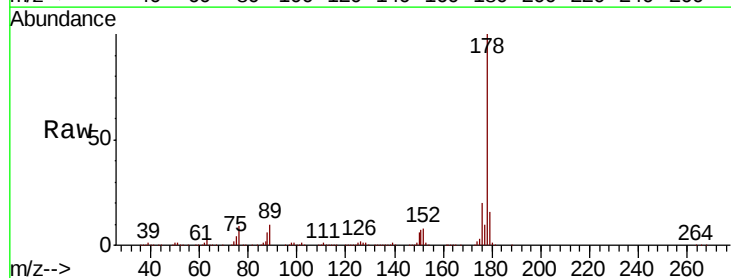
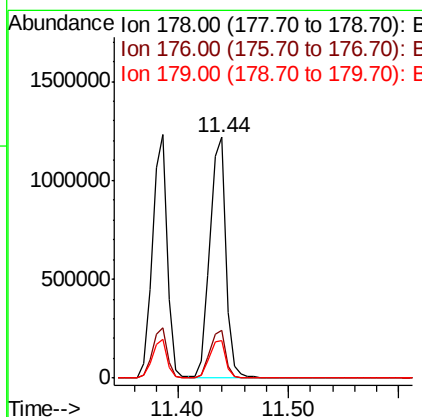
Manual Integrations
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#72
Anthracene
Concen: 49.392 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	15.8	13.0	19.6





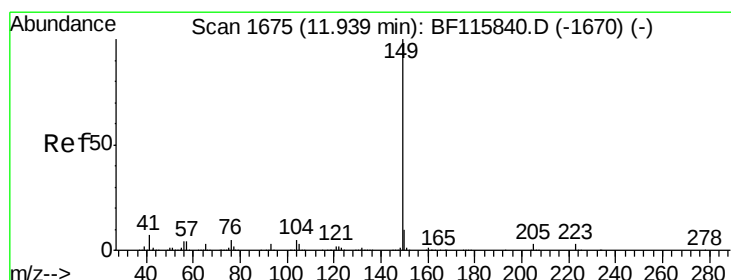
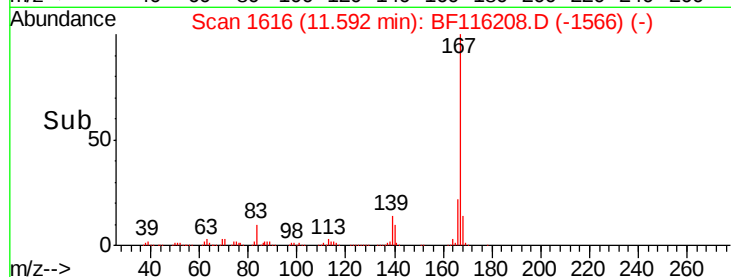
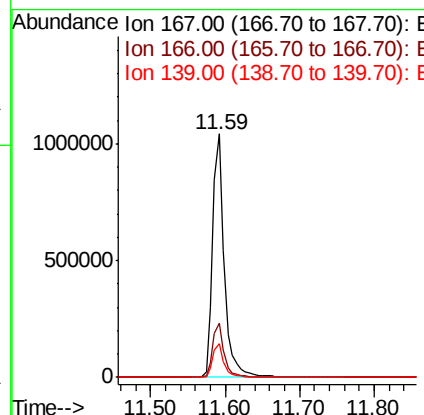
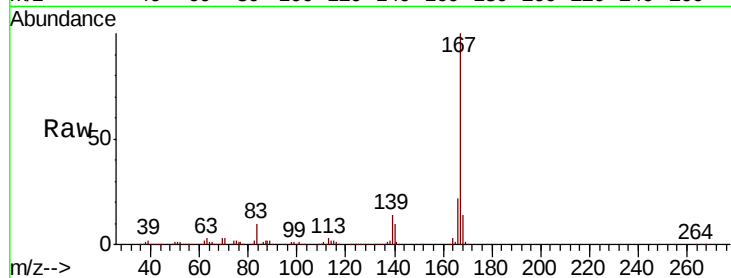
#73
 Carbazole
 Concen: 51.682 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116208.D
 Acq: 13 Aug 2019 00:08

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.3	17.8	26.6	
139	13.8	11.4	17.0	

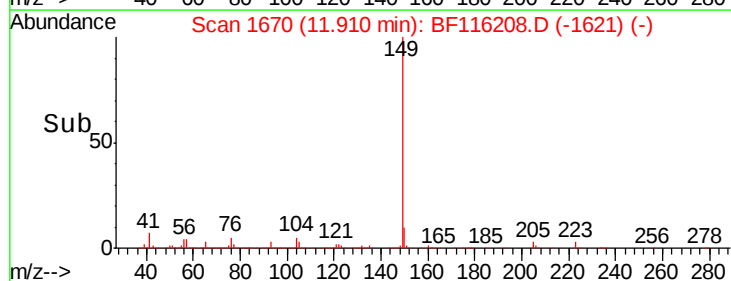
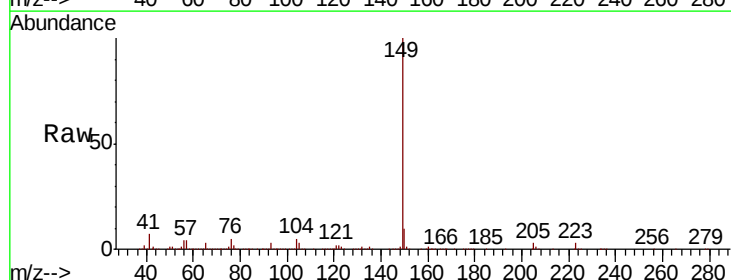
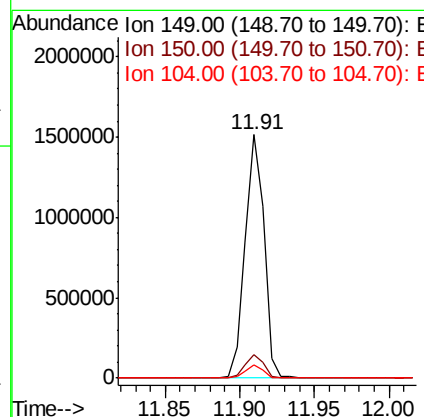
Manual Integrations
 APPROVED

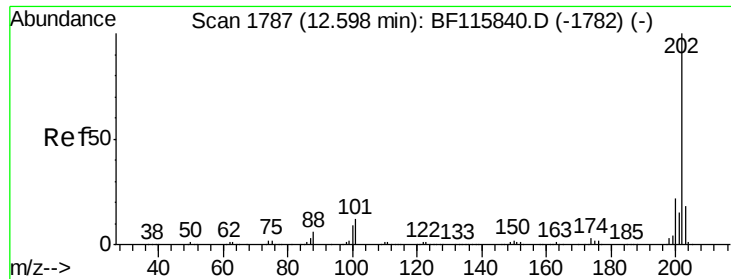
mohammad
 8/14/2019 2:53:46 AM



#74
 Di-n-butylphthalate
 Concen: 52.354 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF116208.D
 Acq: 13 Aug 2019 00:08

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.7	8.0	12.0	
104	5.5	4.5	6.7	





#75

Fluoranthene

Concen: 50.062 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Instrument :

BNA_F

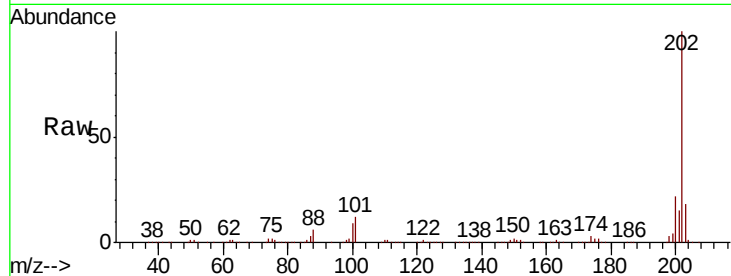
ClientSampleId :

2S-H1-H4-COMP-(0-1)MSD

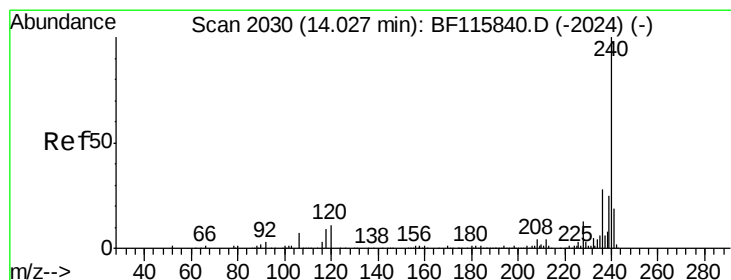
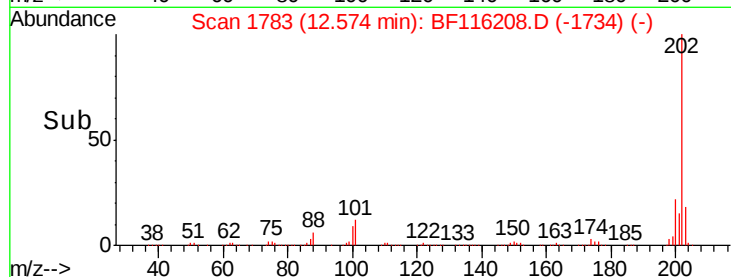
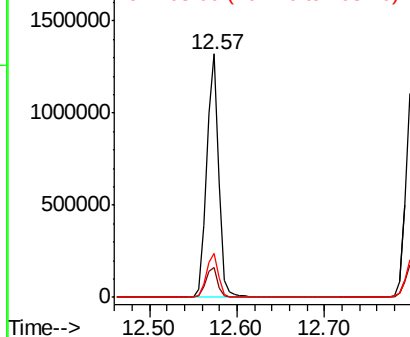
Tot Ion:	202	Resp:	1255124
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	31.2
203	17.9	0.0	37.8

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

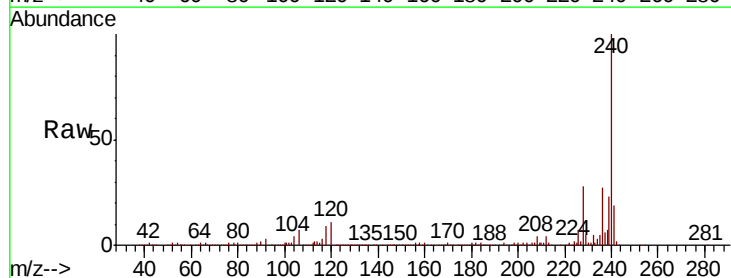
RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

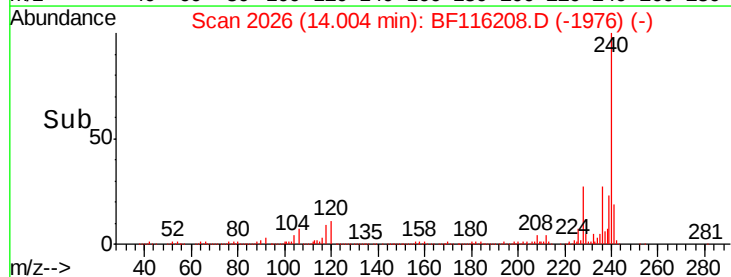
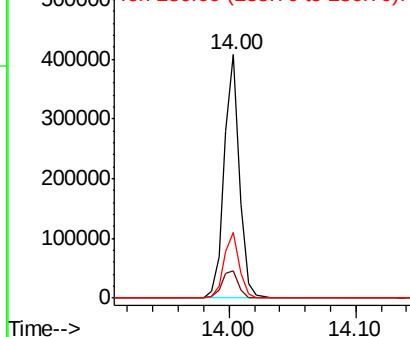
Lab File: BF116208.D

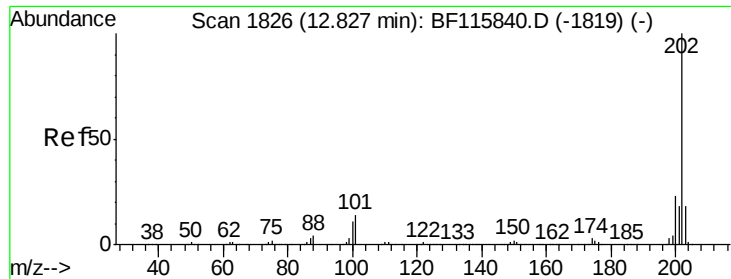
Acq: 13 Aug 2019 00:08

Tgt Ion:	240	Resp:	339674
Ion Ratio	Lower	Upper	
240	100		
120	11.0	10.7	16.1
236	26.8	22.2	33.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





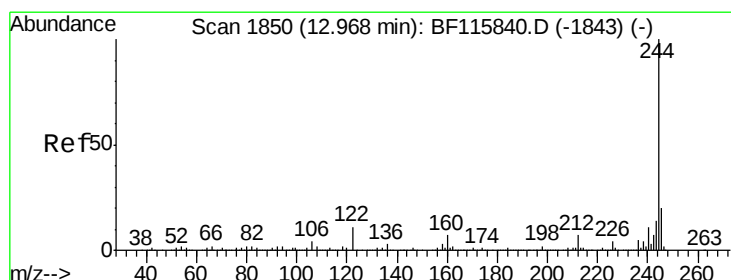
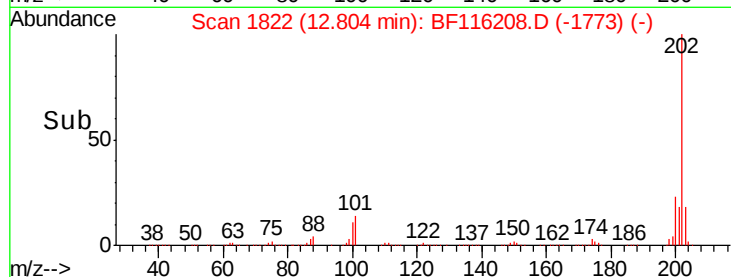
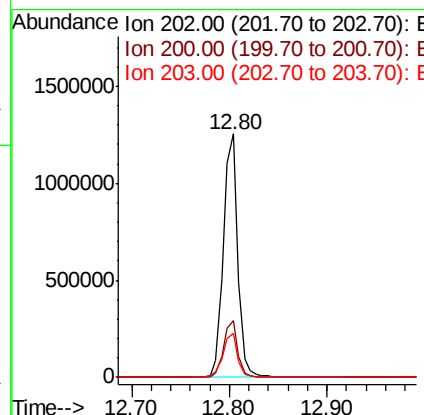
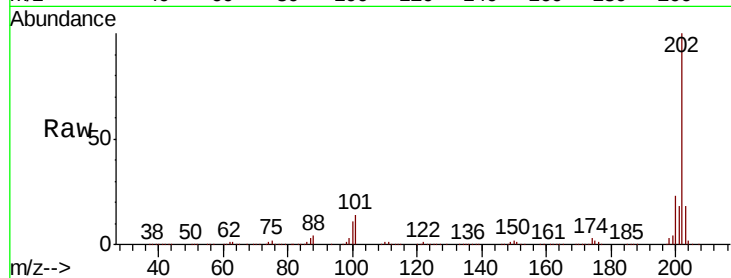
#78
Pvrene
Concen: 50.144 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.1	18.0	27.0
203	18.2	14.1	21.1

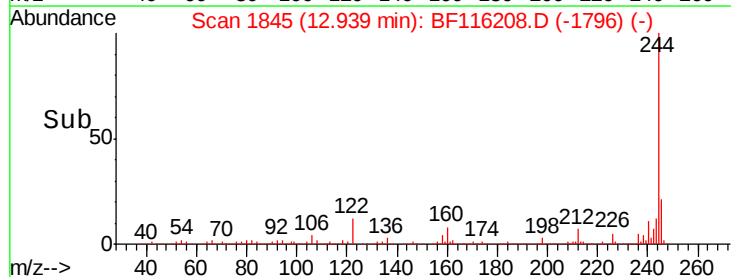
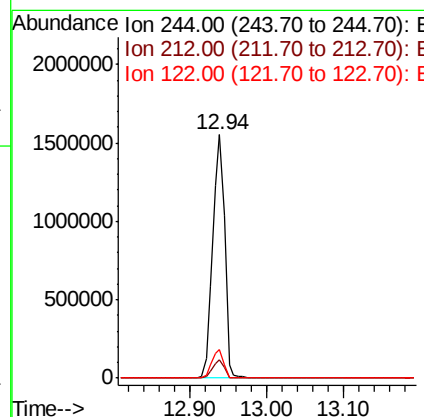
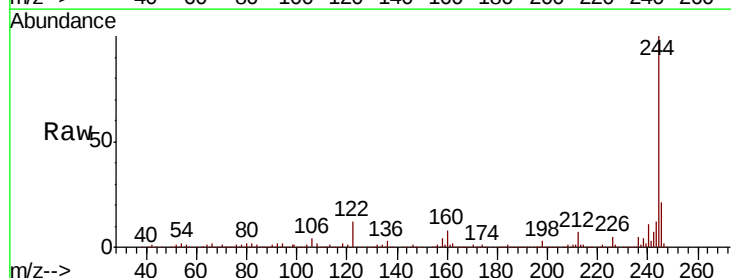
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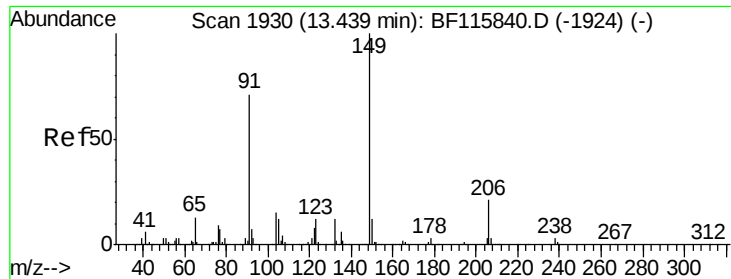
mohammad
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#79
Terphenyl-d14
Concen: 102.594 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.6	9.0	13.4





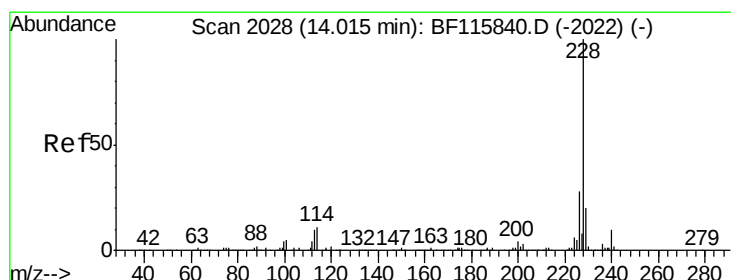
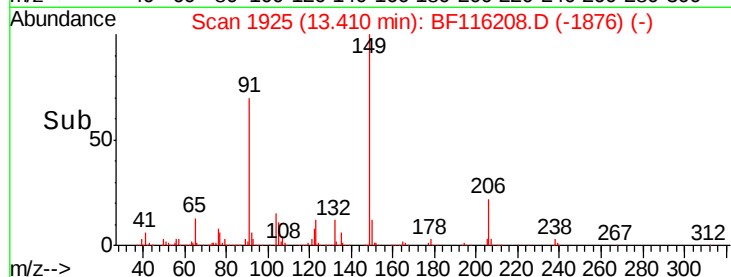
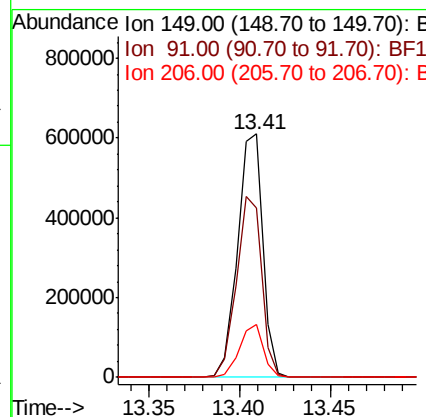
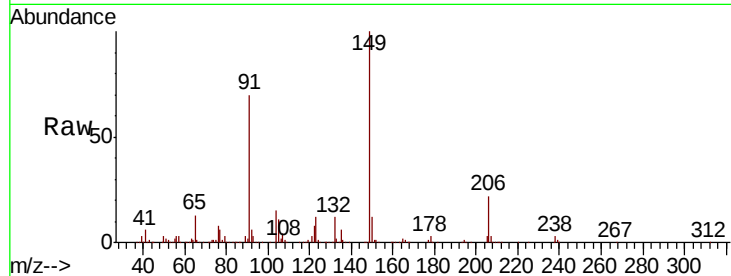
#80
Butylbenzylphthalate
Concen: 54.807 ng
RT: 13.41 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.7	56.3	84.5
206	21.7	18.0	27.0

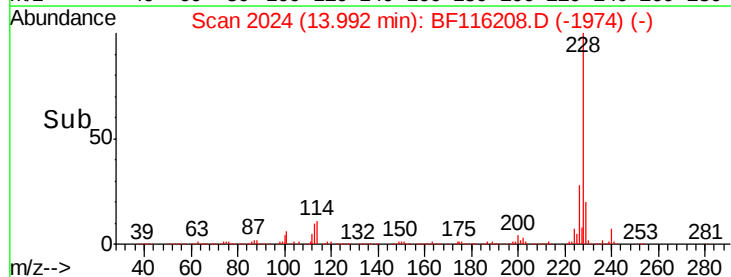
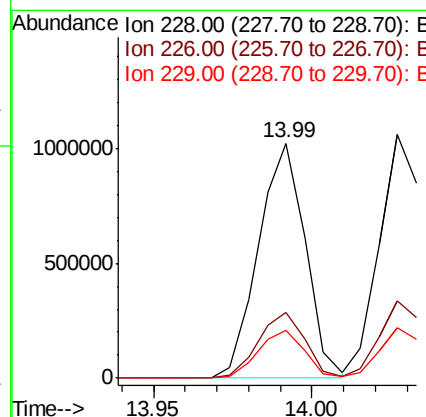
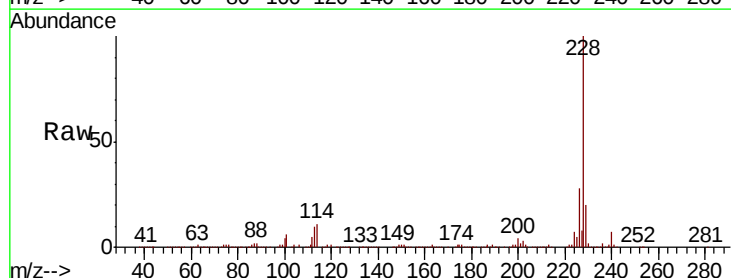
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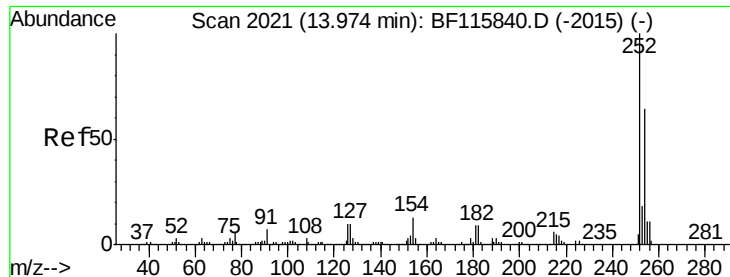
mohammad
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#81
Benzo(a)anthracene
Concen: 48.053 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.7	34.1
229	20.1	16.2	24.4





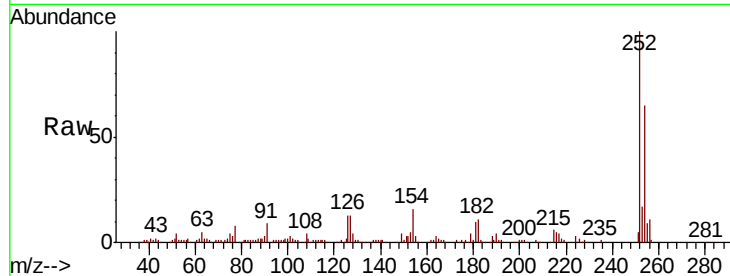
#82
 3,3'-Dichlorobenzidine
 Concen: 29.205 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF116208.D
 Acq: 13 Aug 2019 00:08

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.9	76.3
126	13.0	9.8	14.8

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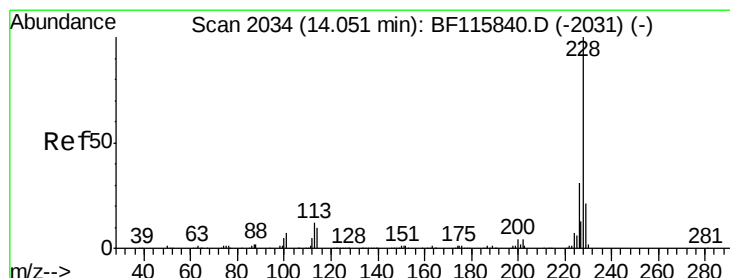
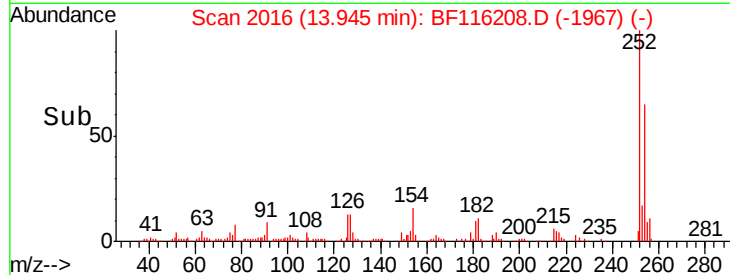
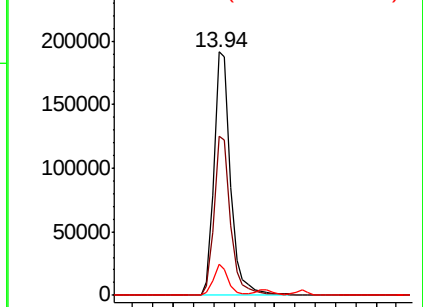


Abundance

Ion 252.00 (251.70 to 252.70): E

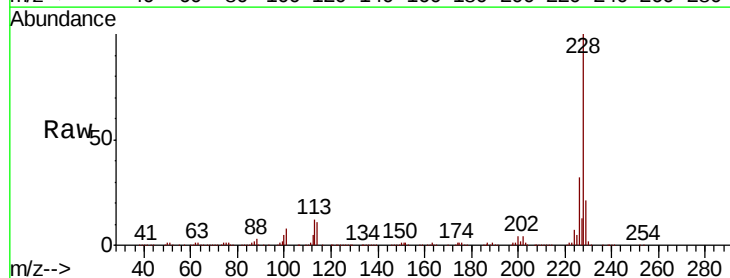
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 48.159 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116208.D
 Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.5	38.3
229	20.8	16.6	24.8

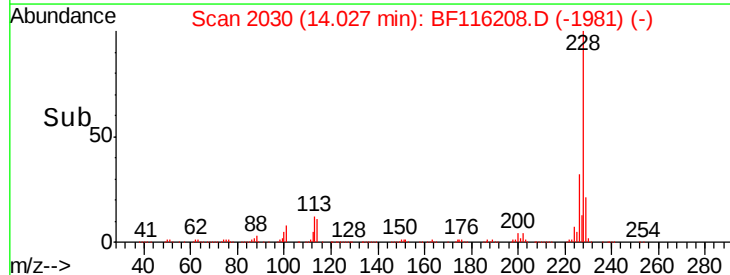
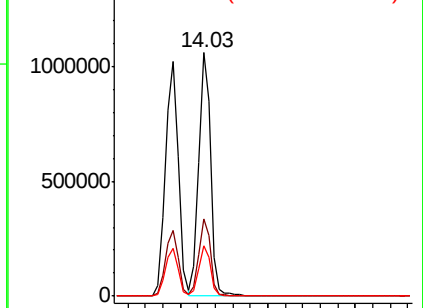


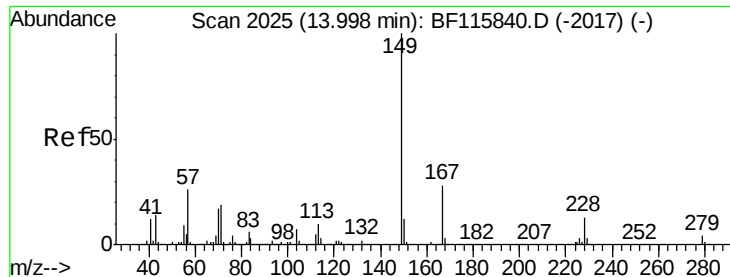
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 59.008 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Instrument :

BNA_F

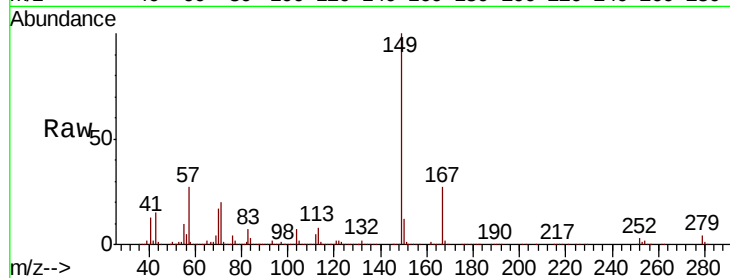
ClientSampleId :

2S-H1-H4-COMP-(0-1)MSD

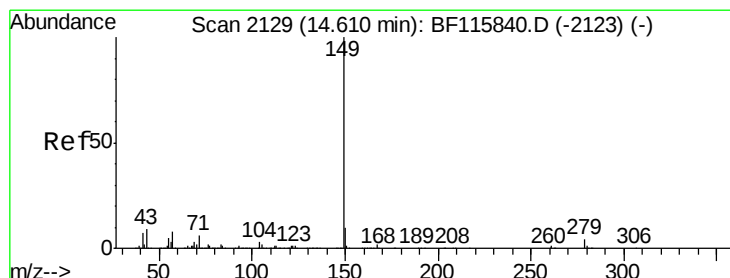
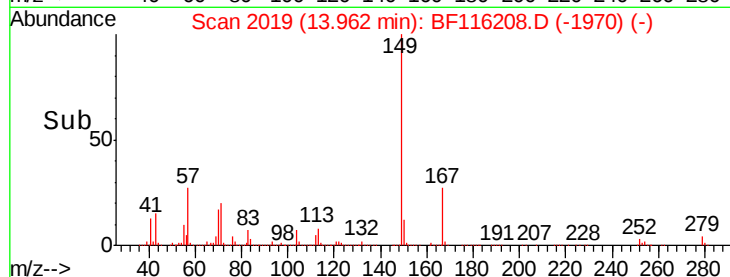
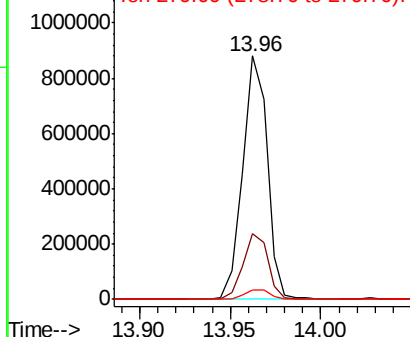
Tot Ion:	149	Resp:	830532
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.6	32.4
279	3.8	3.0	4.4

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



#85

Di-n-octyl phthalate

Concen: 58.068 ng

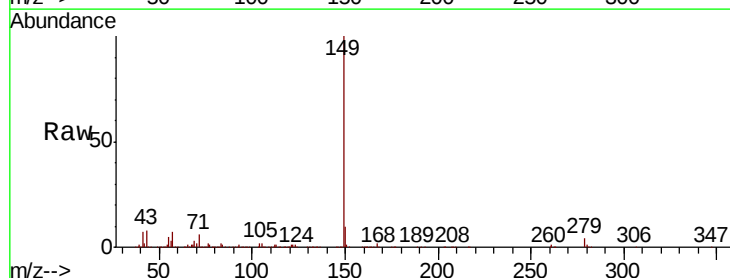
RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

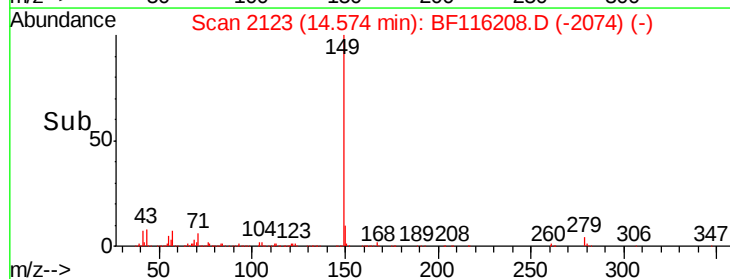
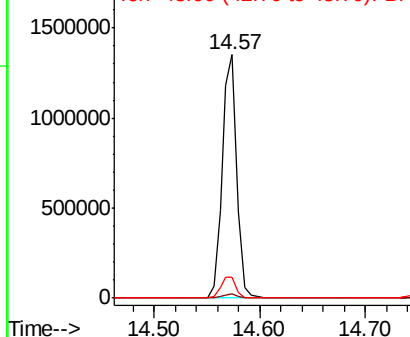
Lab File: BF116208.D

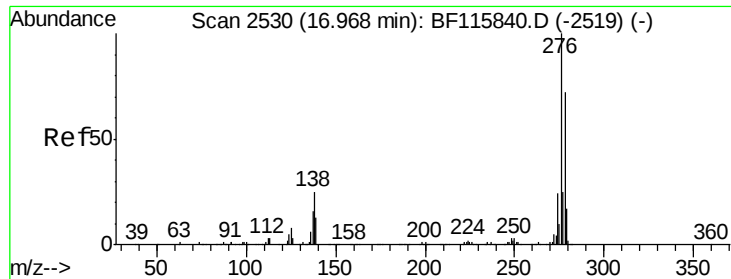
Acq: 13 Aug 2019 00:08

Tgt Ion:	149	Resp:	1298170
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.4	2.0
43	9.1	7.5	11.3



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





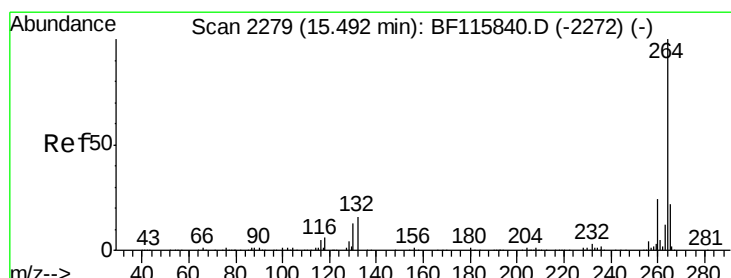
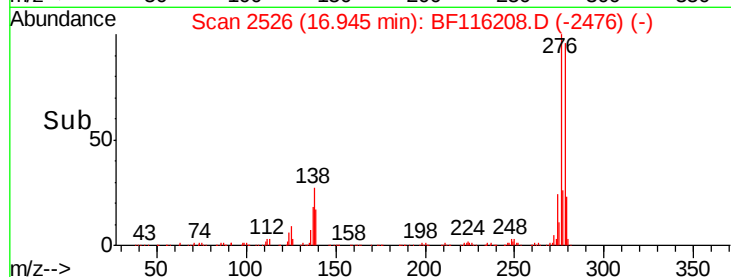
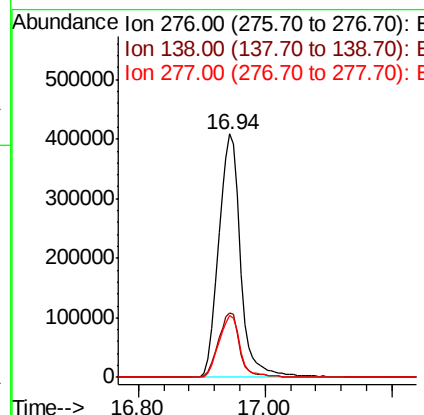
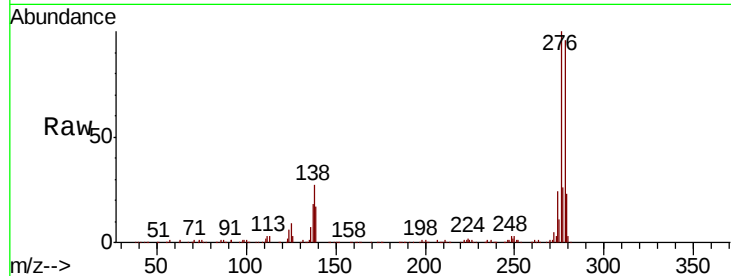
#86
Indeno(1,2,3-cd)pyrene
Concen: 56.051 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.4	30.6
277	25.3	20.0	30.0

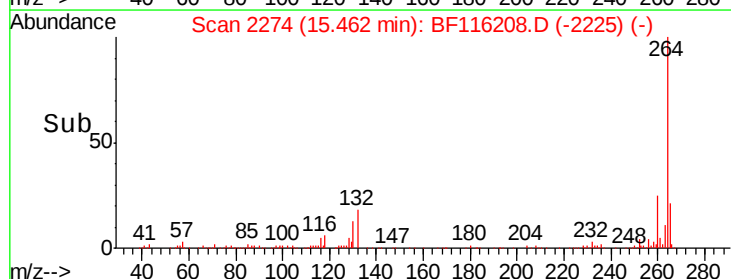
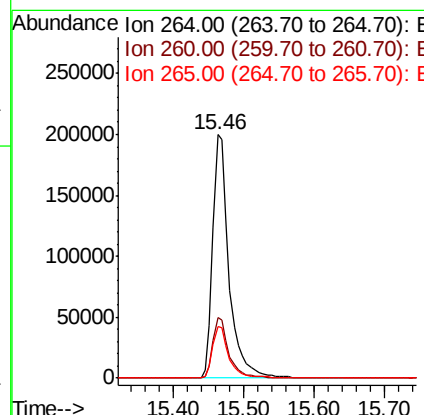
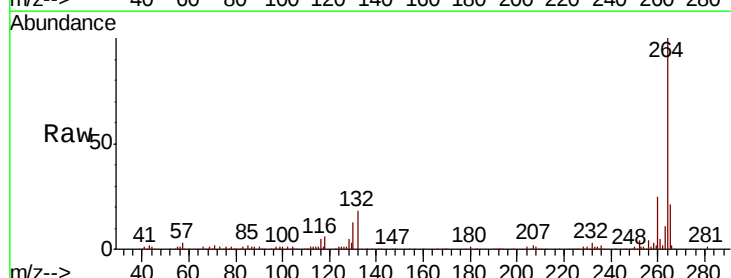
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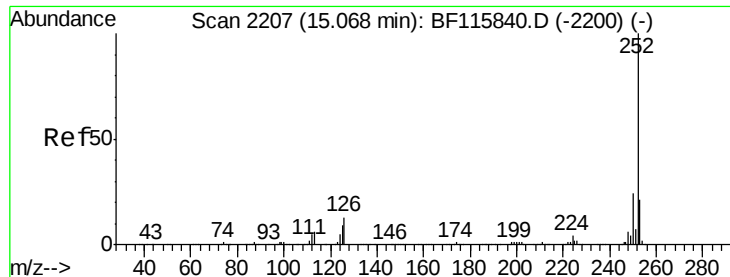
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.3	17.4	26.0





#88

Benzo(b)fluoranthene

Concen: 46.138 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Instrument :

BNA_F

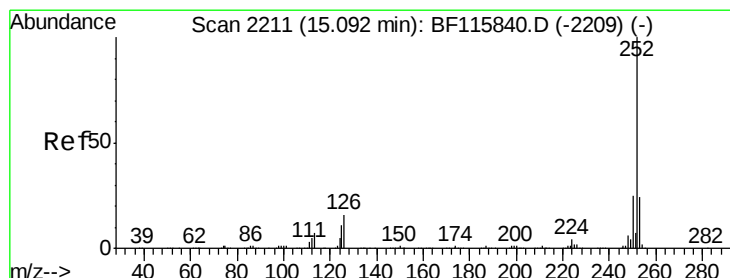
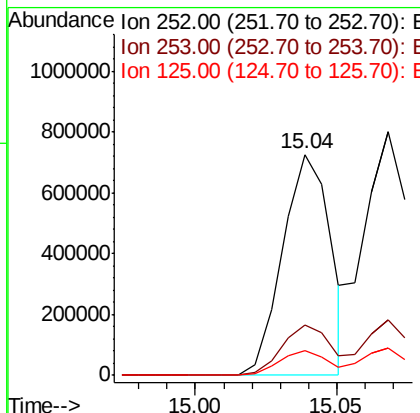
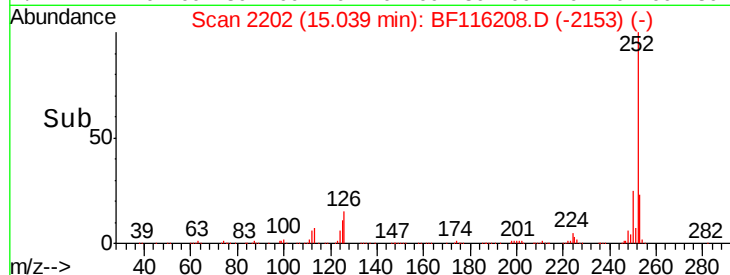
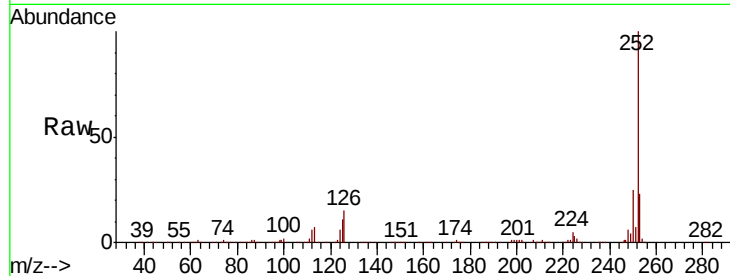
ClientSampleId :

2S-H1-H4-COMP-(0-1)MSD

Tot Ion:	252	Resp:	855853
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.8	26.8
125	11.2	8.4	12.6

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 51.775 ng

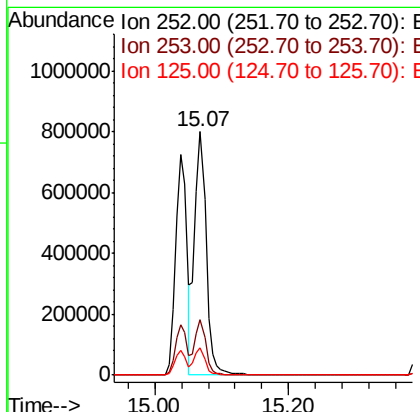
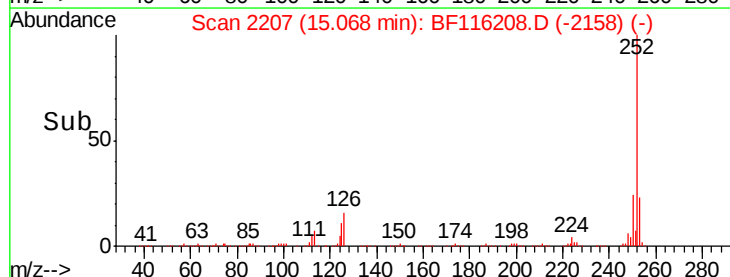
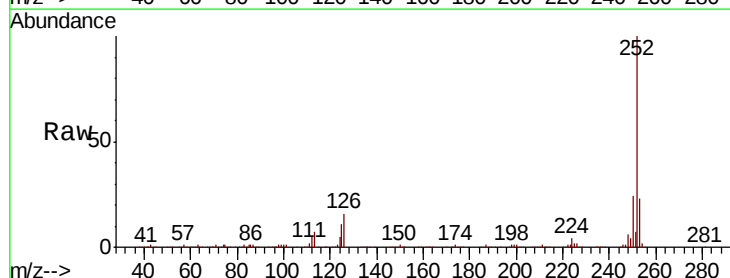
RT: 15.07 min Scan# 2207

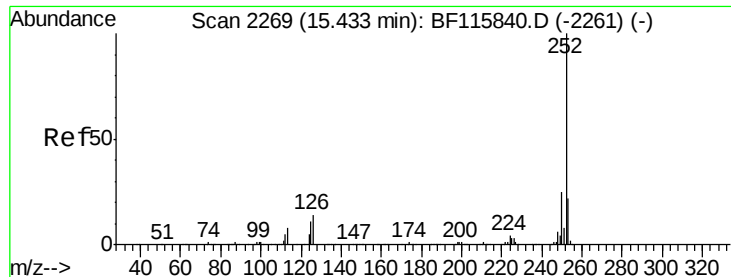
Delta R.T. -0.01 min

Lab File: BF116208.D

Acq: 13 Aug 2019 00:08

Tgt Ion:	252	Resp:	935463
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.8
125	11.0	7.7	11.5





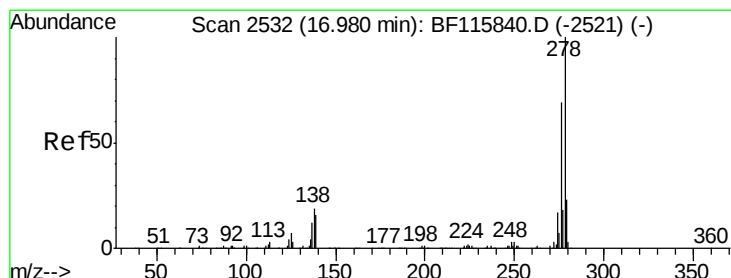
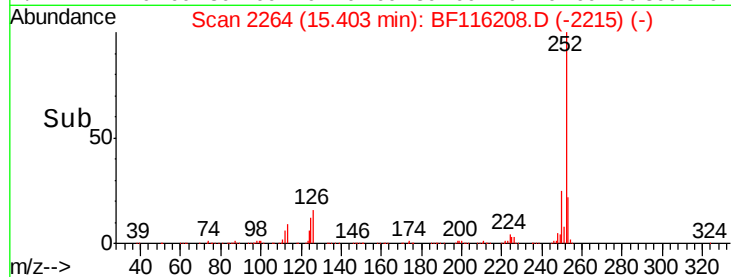
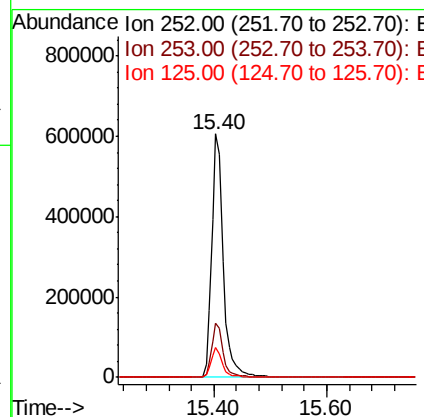
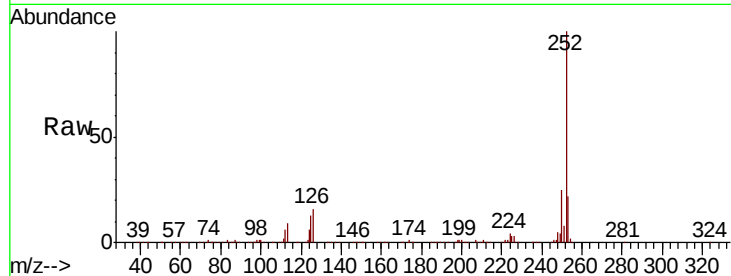
#90
Benzo(a)pyrene
Concen: 51.655 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	12.5	8.9	13.3

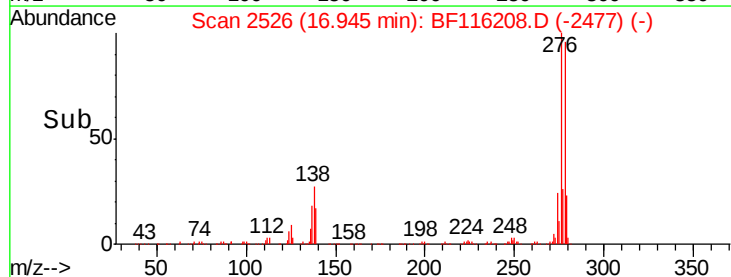
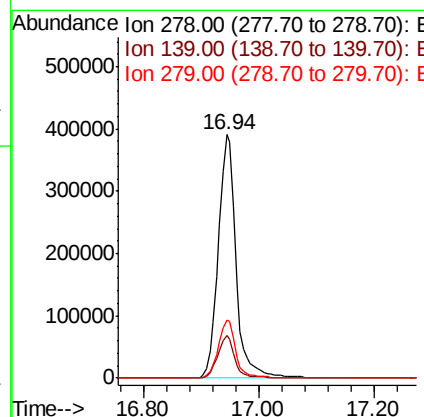
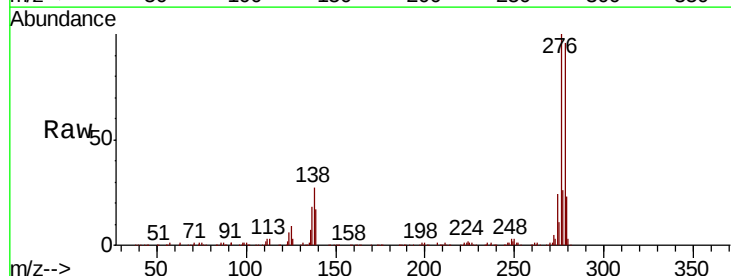
Manual Integrations
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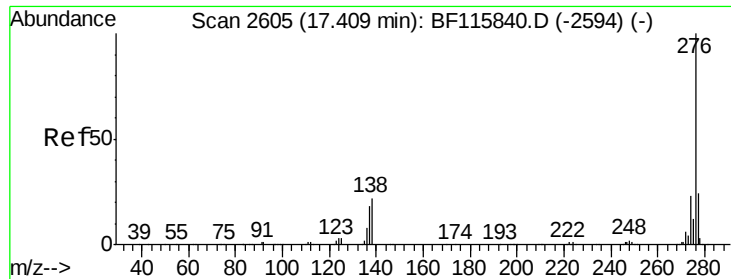
mohammad
8/14/2019 2:53:46 AM



#91
Dibenzo(a,h)anthracene
Concen: 58.313 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF116208.D
Acq: 13 Aug 2019 00:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.6	12.8	19.2
279	24.0	18.8	28.2





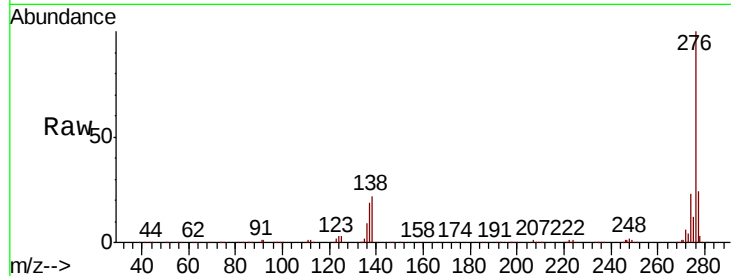
#92
 Benzo(a,h,i)perylene
 Concen: 59.686 ng
 RT: 17.39 min Scan# 2601
 Delta R.T. -0.00 min
 Lab File: BF116208.D
 Acq: 13 Aug 2019 00:08

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.4	27.6
138	22.0	17.0	25.6

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:53:46 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

