

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116200.D
 Acq On : 12 Aug 2019 20:31
 Operator : HP/JU
 Sample : K4085-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMS

Manual Integrations
 APPROVED

mohammad
 8/14/2019 2:53:32 AM

Quant Time: Aug 13 01:41:03 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	118718	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	465835	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	257100	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	473951	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	349999	20.00	ng	0.00
87) Perylene-d12	15.47	264	353177	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	909808	128.29	ng	0.00
7) Phenol-d6	6.48	99	1082057	120.94	ng	0.00
23) Nitrobenzene-d5	7.40	82	812391	100.67	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	355035	142.43	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1413285	102.96	ng	-0.01
79) Terphenyl-d14	12.94	244	1698869	102.28	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.72	88	138817	38.748	ng	# 85
3) Pyridine	3.47	79	232888	23.271	ng	100
4) n-Nitrosodimethylamine	3.38	42	158262	40.072	ng	98
6) Aniline	6.51	93	145717	11.372	ng	# 83
8) 2-Chlorophenol	6.63	128	372482	47.499	ng	98
9) Benzaldehyde	6.39	77	162493	26.321	ng	99
10) Phenol	6.49	94	401762	38.131	ng	79
11) bis(2-Chloroethyl)ether	6.57	93	375993	48.537	ng	98
12) 1,3-Dichlorobenzene	6.77	146	398033	43.919	ng	99
13) 1,4-Dichlorobenzene	6.85	146	412638	45.473	ng	99
14) 1,2-Dichlorobenzene	7.00	146	379577	45.428	ng	99
15) Benzyl Alcohol	6.98	79	312763	46.062	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.11	45	478013	45.240	ng	90
17) 2-Methylphenol	7.10	107	309634	46.631	ng	95
18) Hexachloroethane	7.34	117	148981	44.592	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	267606	48.266	ng	99
20) 3+4-Methylphenols	7.25	107	385366	49.043	ng	93
22) Acetophenone	7.25	105	528748	51.755	ng	96
24) Nitrobenzene	7.42	77	427472	49.056	ng	99
25) Isophorone	7.66	82	785881	50.927	ng	100
26) 2-Nitrophenol	7.73	139	210627	51.278	ng	98
27) 2,4-Dimethylphenol	7.77	122	348027	56.317	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	482298	50.425	ng	100
29) 2,4-Dichlorophenol	7.98	162	345936	53.017	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	361311	48.577	ng	99
31) Naphthalene	8.13	128	1102318	50.286	ng	99
32) Benzoic acid	7.92	122	136492	31.328	ng	97
33) 4-Chloroaniline	8.20	127	86781	8.860	ng	98
34) Hexachlorobutadiene	8.25	225	198893	46.425	ng	99
35) Caprolactam	8.57	113	78599m	37.244	ng	
36) 4-Chloro-3-methylphenol	8.68	107	347932	51.256	ng	98
37) 2-Methylnaphthalene	8.83	142	750127	51.959	ng	99
38) 1-Methylnaphthalene	8.93	142	697816	51.092	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	342622	49.848	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	179941	59.921	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	225115	47.583	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	238478	48.764	ng	99
46) 1,1'-Biphenyl	9.29	154	920835	50.731	ng	99
47) 2-Chloronaphthalene	9.32	162	729949	48.318	ng	99
48) 2-Nitroaniline	9.42	65	228858	45.831	ng	98
49) Acenaphthylene	9.73	152	1098864	49.858	ng	100
50) Dimethylphthalate	9.59	163	864180	49.366	ng	100
51) 2,6-Dinitrotoluene	9.66	165	194397	51.100	ng	98
52) Acenaphthene	9.90	154	670438	49.584	ng	99
53) 3-Nitroaniline	9.83	138	88039	18.729	ng	99
54) 2,4-Dinitrophenol	9.95	184	139850	73.031	ng	98
55) Dibenzofuran	10.08	168	947058	48.164	ng	98
56) 4-Nitrophenol	10.01	139	234973	78.032	ng	96
57) 2,4-Dinitrotoluene	10.07	165	240465	47.475	ng	96
58) Fluorene	10.42	166	773172	51.107	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	214002	52.013	ng	99
60) Diethylphthalate	10.29	149	843860	51.632	ng	99
61) 4-Chlorophenyl-phenylether	10.41	204	391697	51.123	ng	98
62) 4-Nitroaniline	10.45	138	211256	43.487	ng	99
63) Azobenzene	10.57	77	859590	51.134	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	113250	45.090	ng	88
66) n-Nitrosodiphenylamine	10.53	169	686904	48.152	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	243428	47.979	ng	98
68) Hexachlorobenzene	10.97	284	268171	45.709	ng	99
69) Atrazine	11.06	200	224064	47.744	ng	99
70) Pentachlorophenol	11.17	266	251857	88.422	ng	98
71) Phenanthrene	11.39	178	1159963	47.874	ng	100
72) Anthracene	11.43	178	1208537	49.285	ng	99
73) Carbazole	11.59	167	1105461	49.691	ng	100
74) Di-n-butylphthalate	11.91	149	1364063	52.561	ng	99
75) Fluoranthene	12.57	202	1243461	49.021	ng	98
77) Benzidine	12.70	184	69299	5.861	ng	# 95
78) Pyrene	12.80	202	1275102	48.330	ng	99
80) Butylbenzylphthalate	13.41	149	597673	53.553	ng	98
81) Benzo(a)anthracene	13.99	228	1068205	47.750	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	126617	16.291	ng	97
83) Chrysene	14.03	228	1041816	47.969	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	855287	58.974	ng	100
85) Di-n-octyl phthalate	14.57	149	1347532	58.498	ng	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	1025945	56.243	ng	99
88) Benzo(b)fluoranthene	15.04	252	1004726	49.200	ng	99
89) Benzo(k)fluoranthene	15.07	252	875689	44.026	ng	99
90) Benzo(a)pyrene	15.40	252	905727	49.615	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	863469	54.644	ng	99
92) Benzo(g,h,i)perylene	17.39	276	875305	56.403	ng	97

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



#1

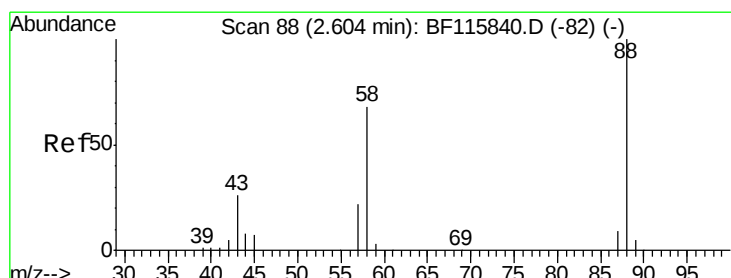
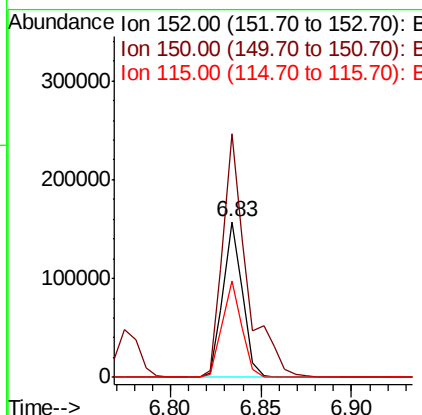
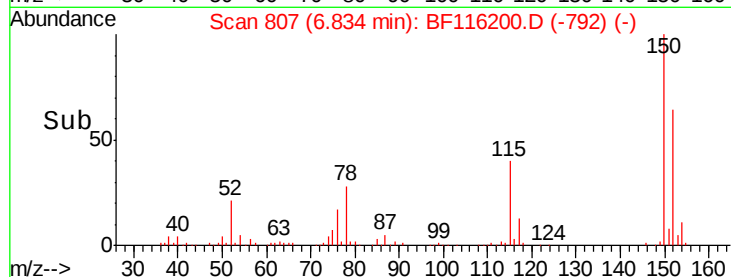
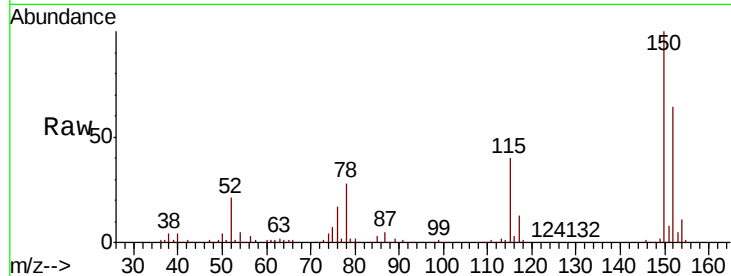
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.2
115	62.0	49.9	74.9

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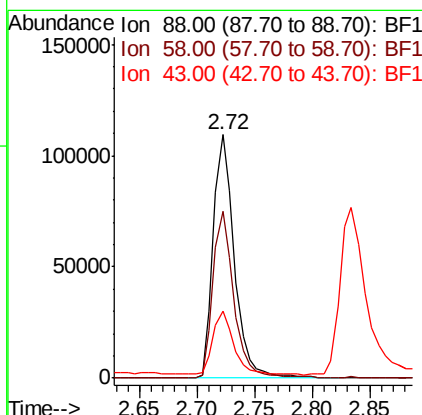
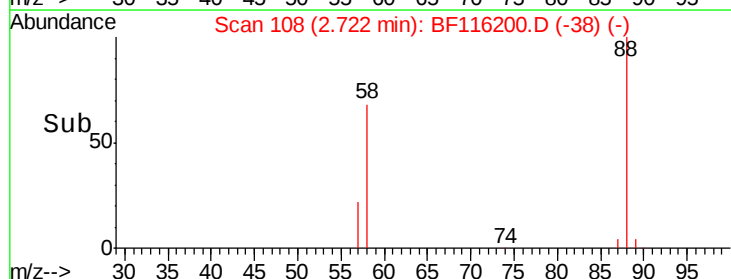
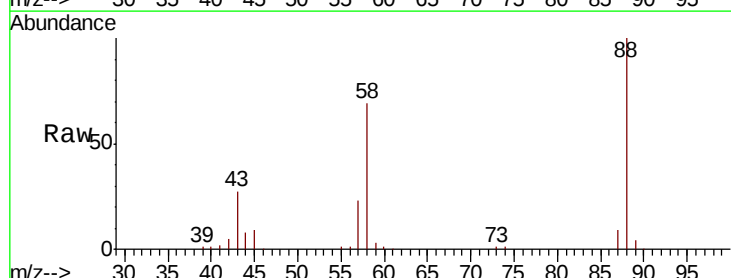
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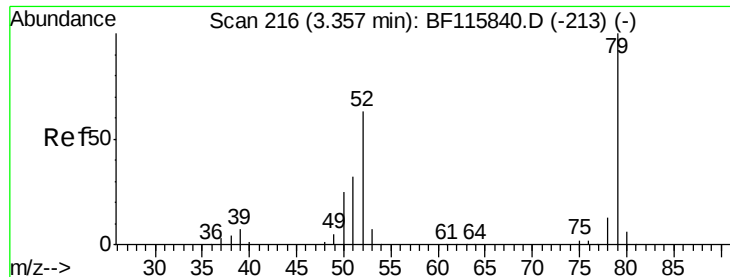


#2

1,4-Dioxane
Concen: 38.748 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.11 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	53.7	80.5
43	0.0	21.0	31.4





#3

Pvridine

Concen: 23.271 ng

RT: 3.47 min Scan# 235

Delta R.T. 0.11 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Instrument :

BNA_F

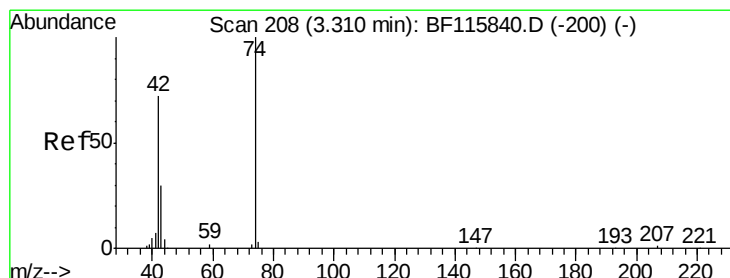
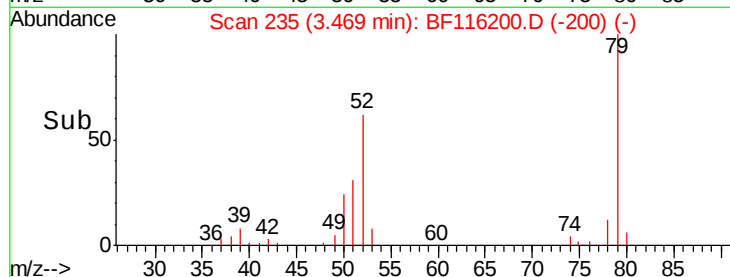
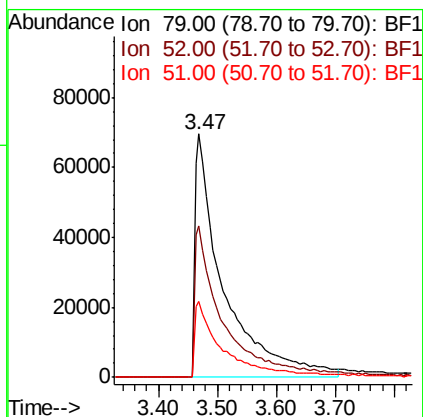
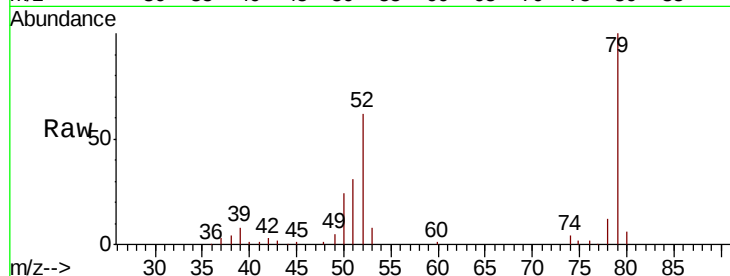
ClientSampleId :

HR-05-080919-AMS

Tot Ion:	79	Resp:	232888
Ion	Ratio	Lower	Upper
79	100		
52	62.3	49.8	74.8
51	31.2	25.2	37.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.072 ng

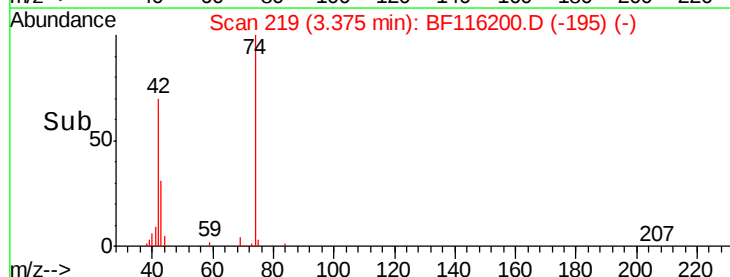
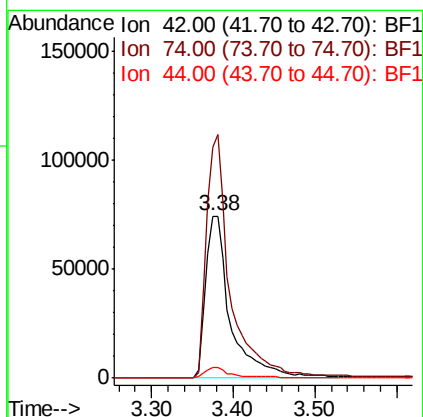
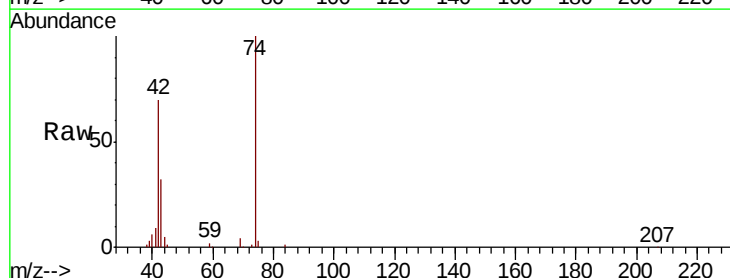
RT: 3.38 min Scan# 219

Delta R.T. 0.04 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Tgt Ion:	42	Resp:	158262
Ion	Ratio	Lower	Upper
42	100		
74	142.4	116.0	174.0
44	6.5	4.6	7.0





#5

2-Fluorophenol

Concen: 128.293 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Instrument :

BNA_F

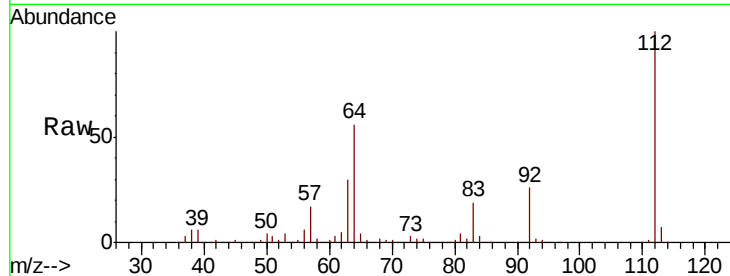
ClientSampleId :

HR-05-080919-AMS

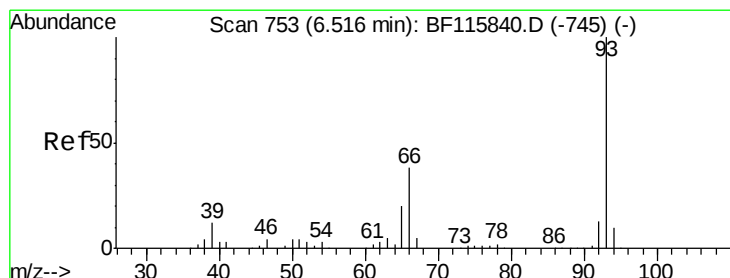
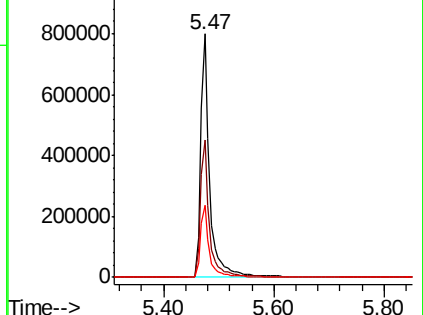
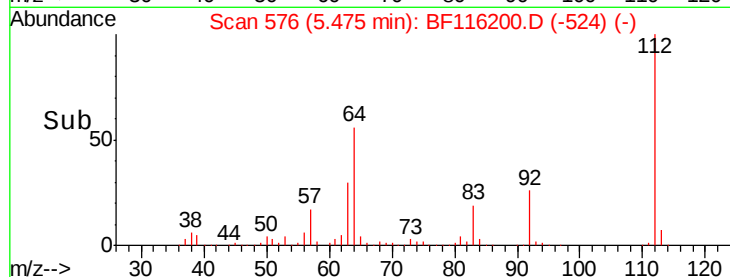
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		909808		
64	56.3	45.4	68.2		
63	29.7	23.7	35.5		

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



#6

Aniline

Concen: 11.372 ng

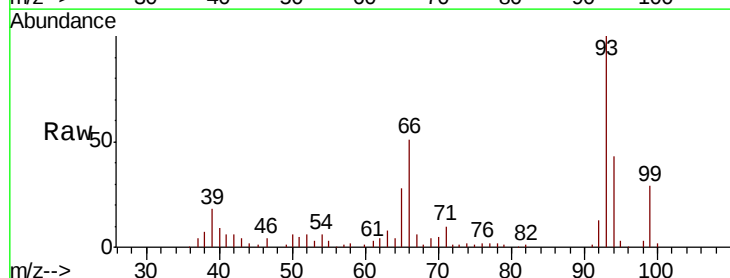
RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

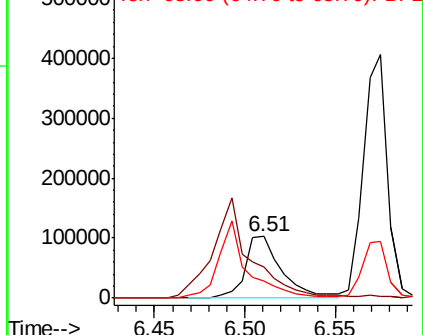
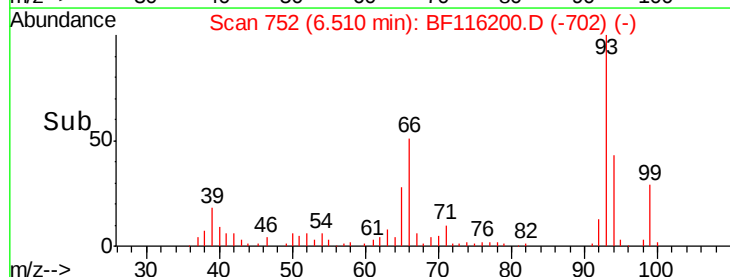
Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		145717		
66	51.1	32.2	48.4#		
65	28.5	17.0	25.6#		



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 120.936 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMS

Tot Ion: 99 Resp: 1082057

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.8

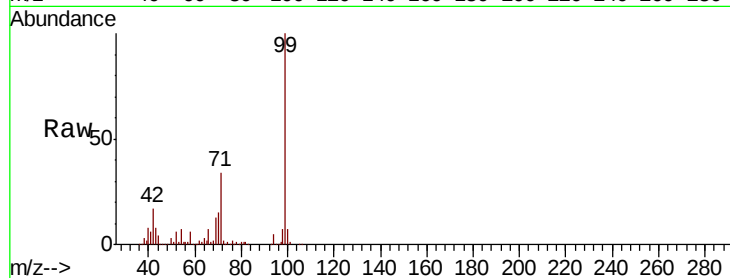
71 34.0 27.3 40.9

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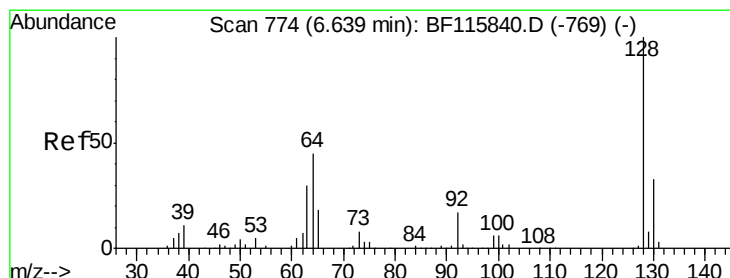
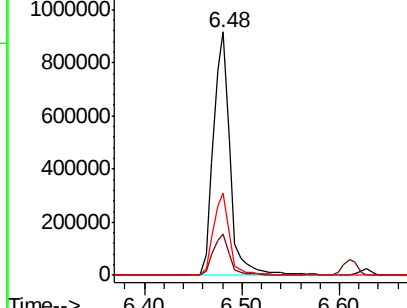
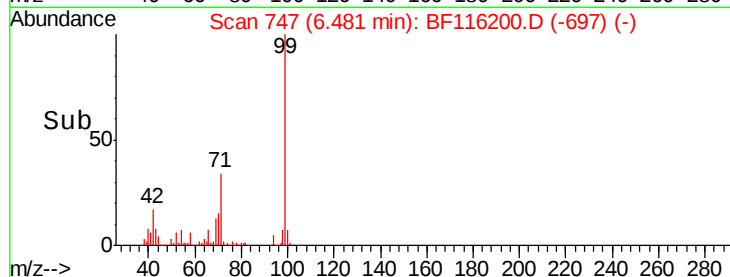
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.499 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

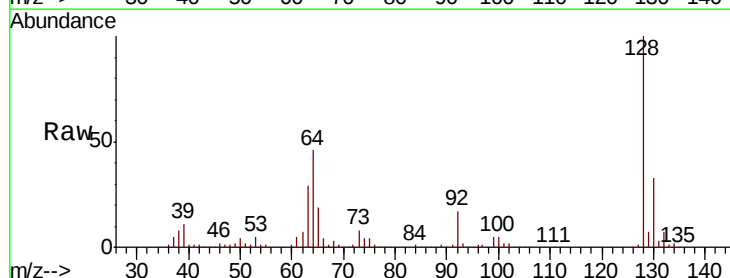
Tgt Ion: 128 Resp: 372482

Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

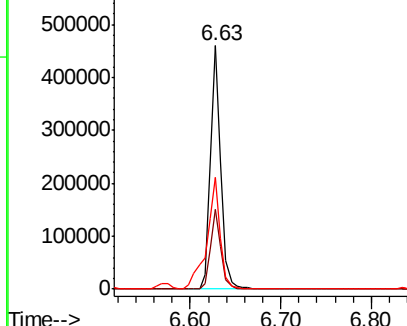
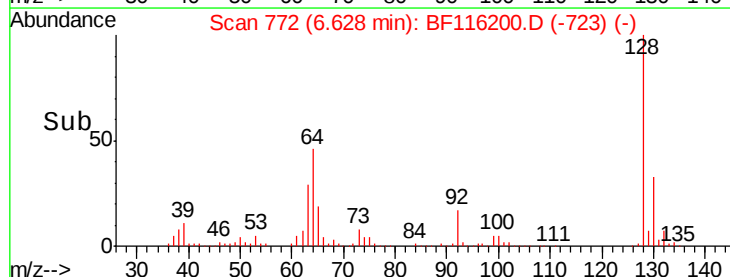
64 45.9 24.3 64.3



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: 26.321 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Instrument :

BNA_F

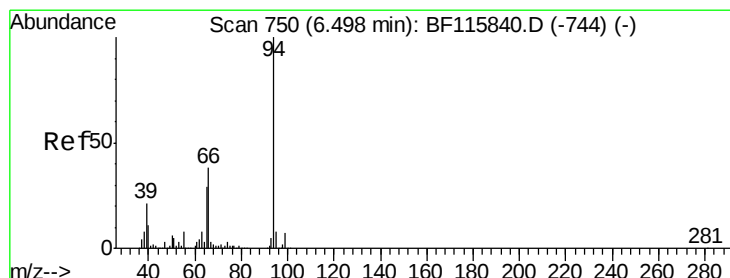
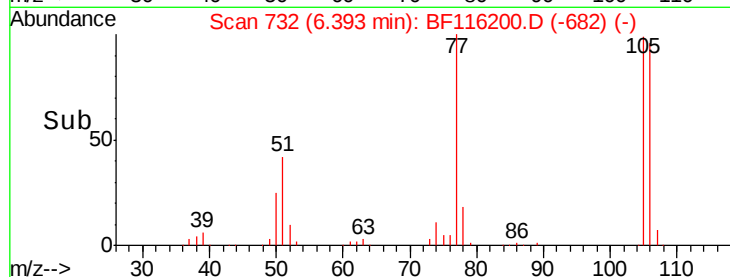
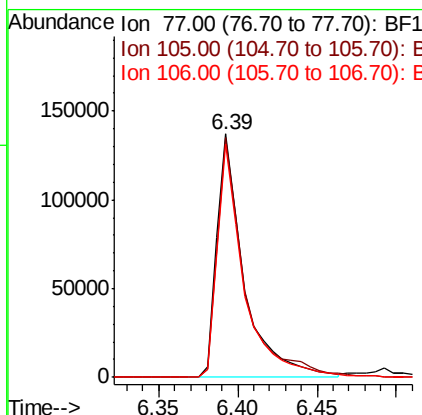
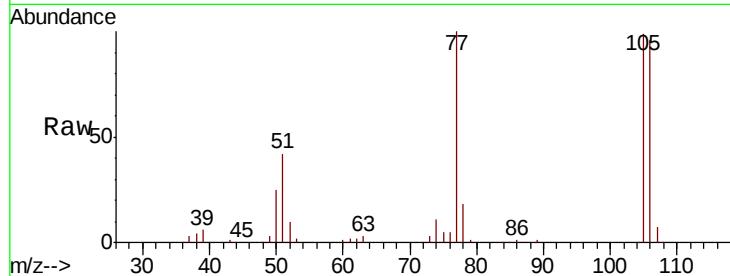
ClientSampleId :

HR-05-080919-AMS

Tot Ion:	77	Resp:	162493
Ion	Ratio	Lower	Upper
77	100		
105	98.5	79.2	119.2
106	95.6	74.3	114.3

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#10

Phenol

Concen: 38.131 ng

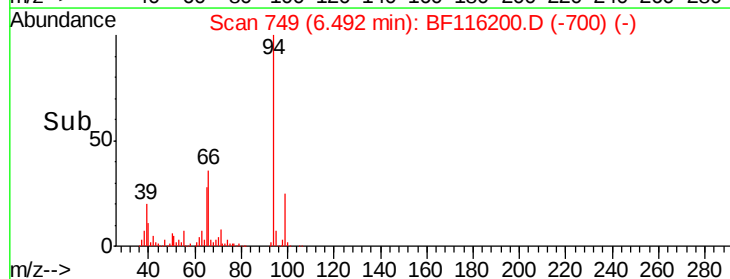
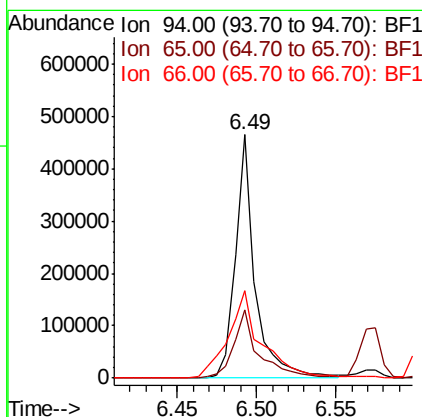
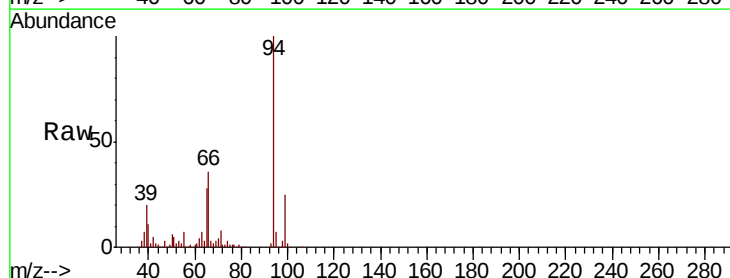
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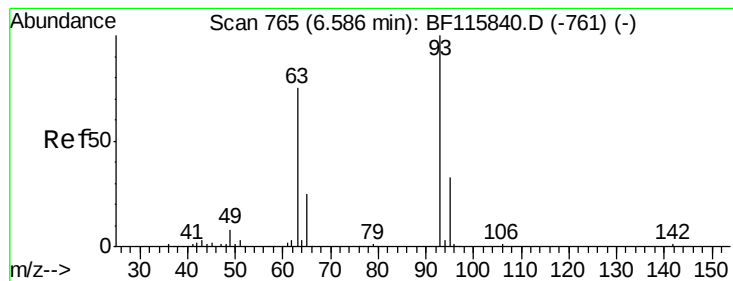
Delta R.T. -0.01 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Tgt Ion:	94	Resp:	401762
Ion	Ratio	Lower	Upper
94	100		
65	27.8	16.8	56.8
66	35.9	34.2	74.2





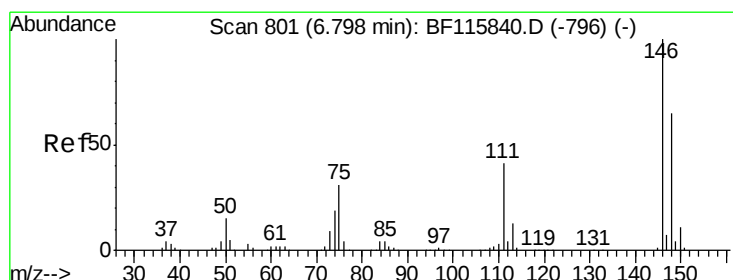
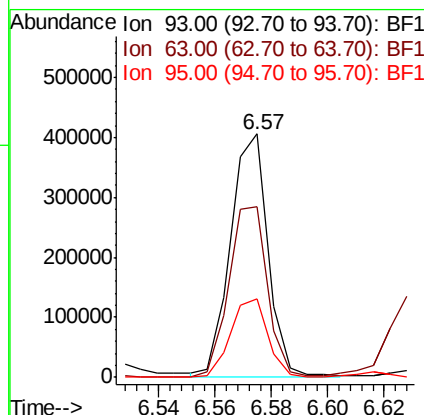
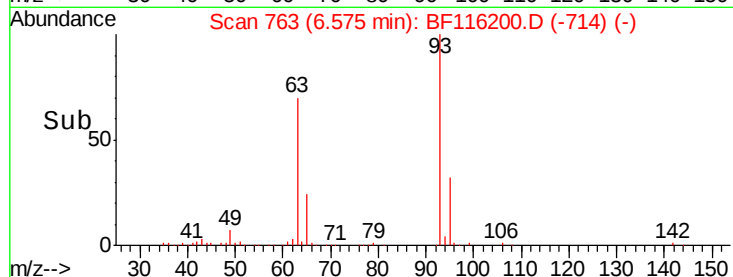
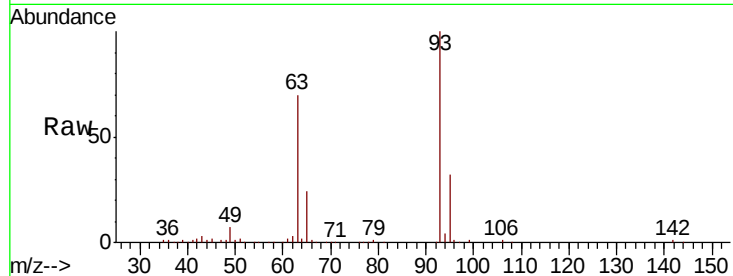
#11
bis(2-Chloroethyl)ether
Concen: 48.537 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

Tot Ion:	93	Resp:	375993
Ion Ratio	Lower	Upper	
93	100		
63	70.0	51.9	91.9
95	32.3	13.0	53.0

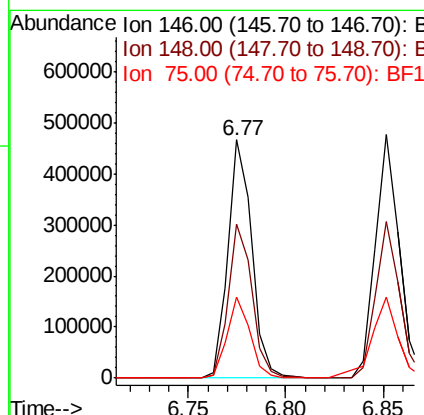
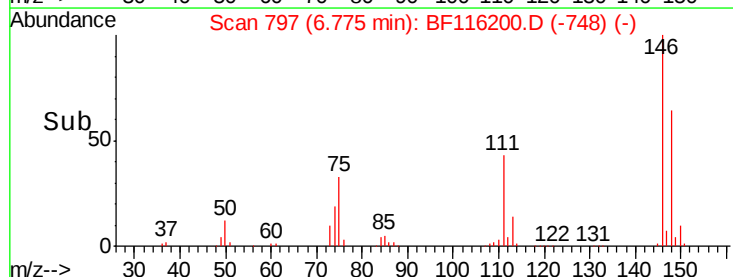
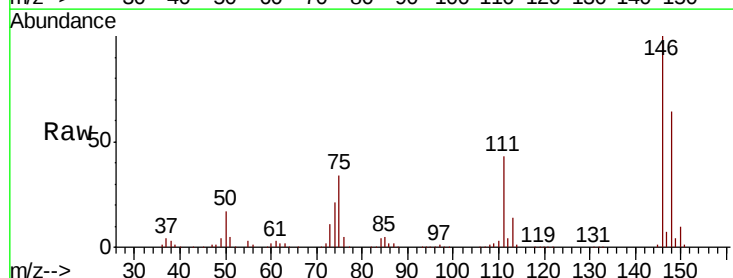
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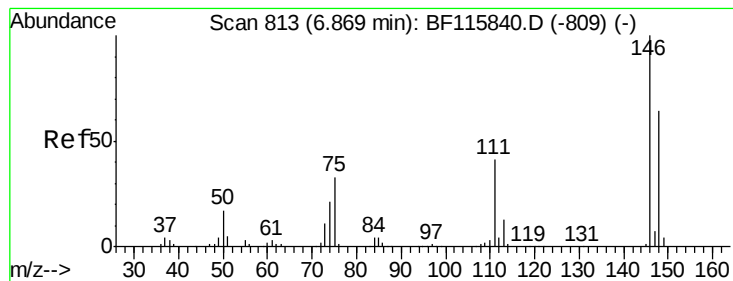
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.919 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Tgt Ion:	146	Resp:	398033
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.3	76.9
75	33.9	27.4	41.2





#13

1,4-Dichlorobenzene

Concen: 45.473 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Instrument :

BNA_F

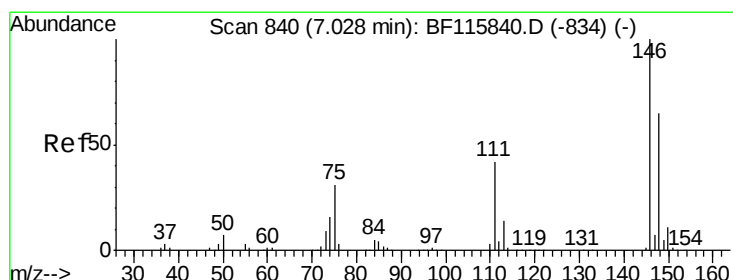
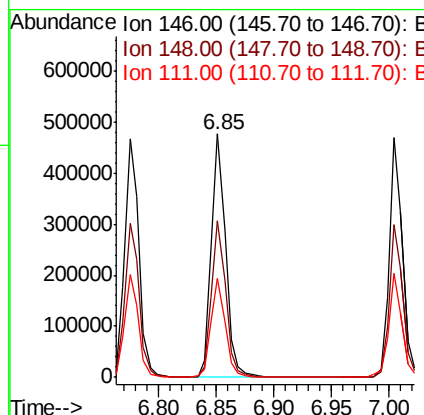
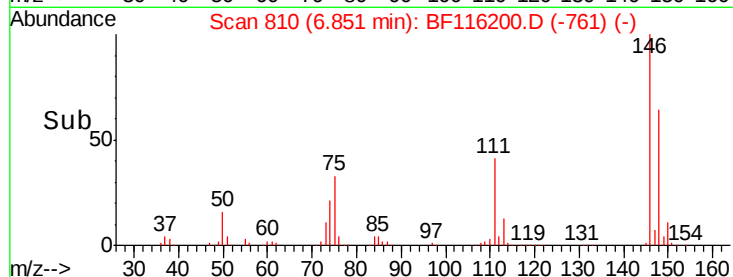
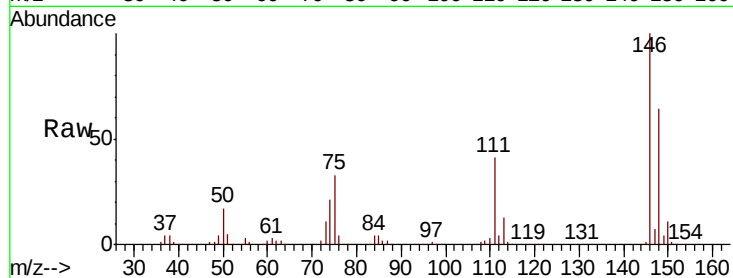
ClientSampleId :

HR-05-080919-AMS

Tot Ion:	146	Resp:	412638
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.3	76.9
111	40.8	34.0	51.0

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#14

1,2-Dichlorobenzene

Concen: 45.428 ng

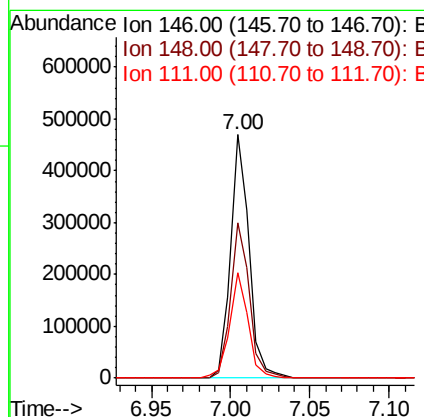
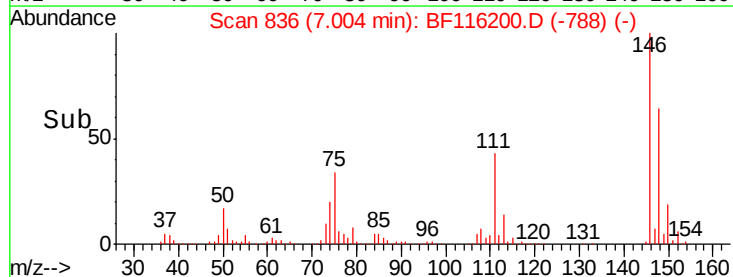
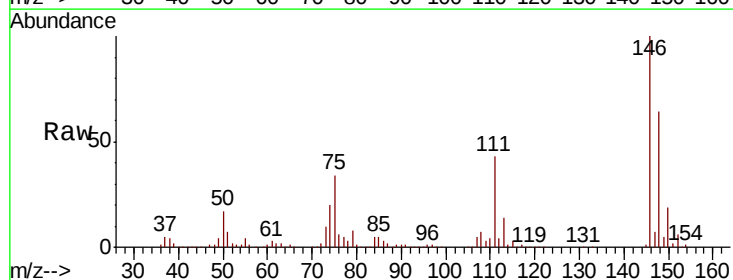
RT: 7.00 min Scan# 836

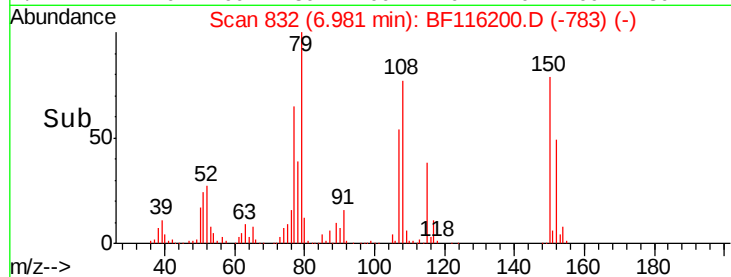
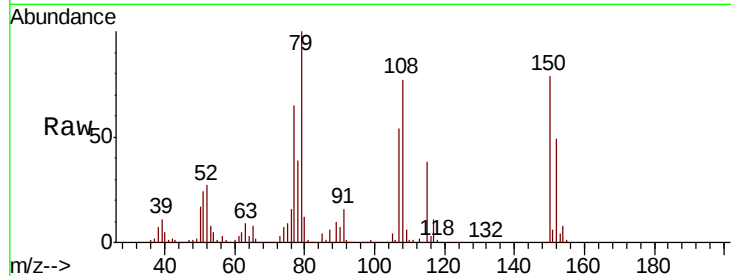
Delta R.T. -0.02 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Tgt Ion:	146	Resp:	379577
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.2	76.8
111	43.5	33.5	50.3





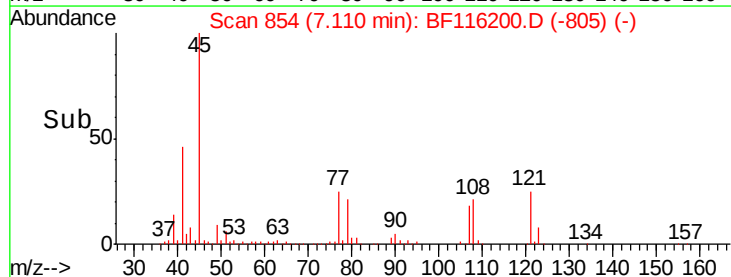
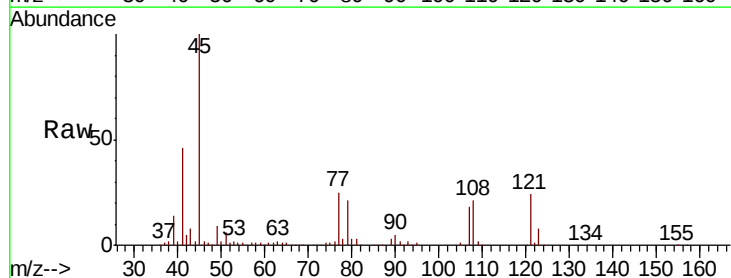
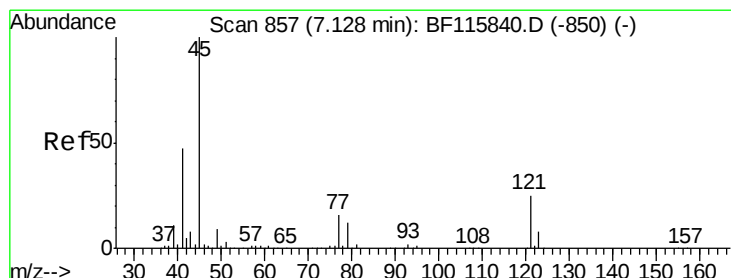
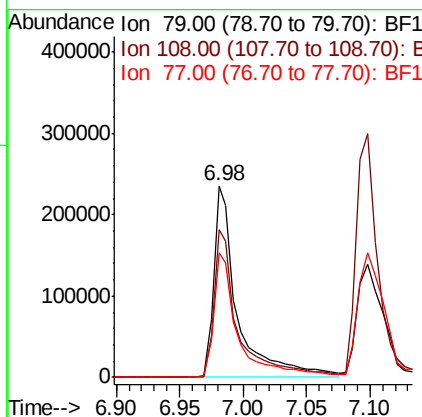
#15
Benzyl Alcohol
Concen: 46.062 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.0	62.7	94.1
77	64.8	52.2	78.2

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

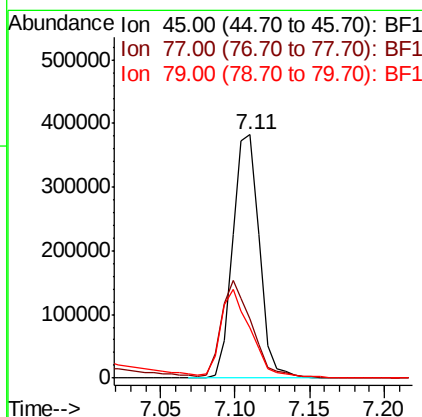
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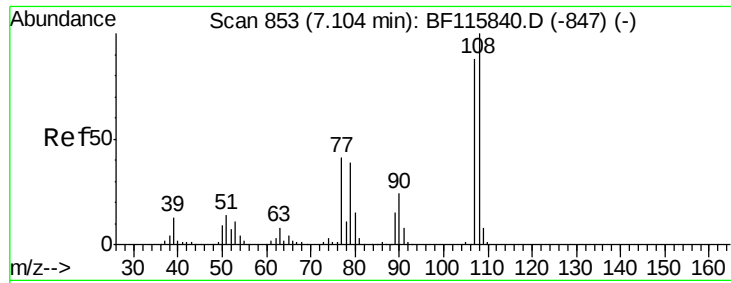
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.240 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	24.6	0.0	40.0
79	20.5	0.0	35.9





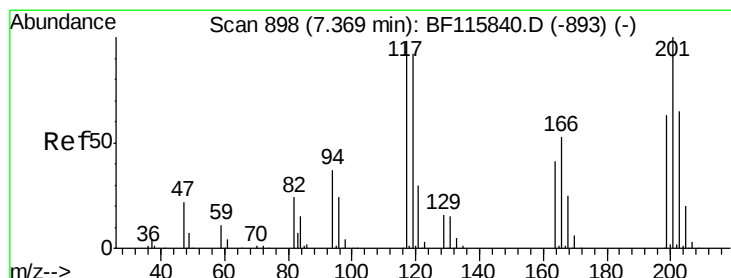
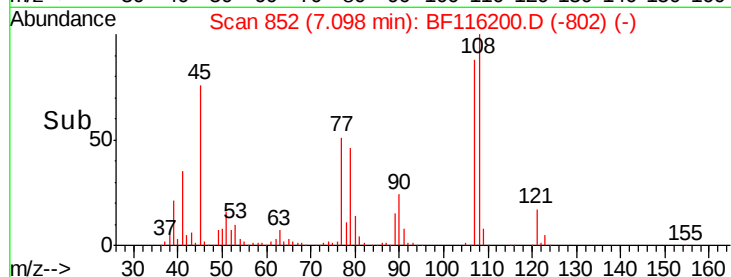
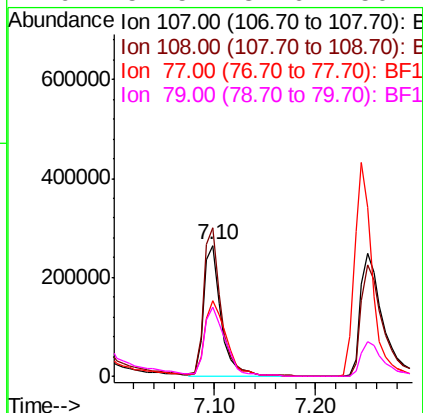
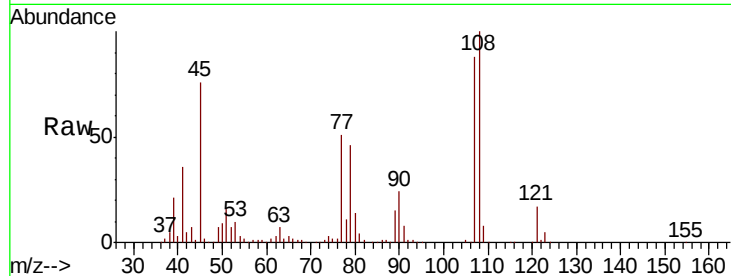
#17
2-Methylphenol
Concen: 46.631 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	91.2	136.8	
77	58.0	40.3	60.5	
79	52.5	37.6	56.4	

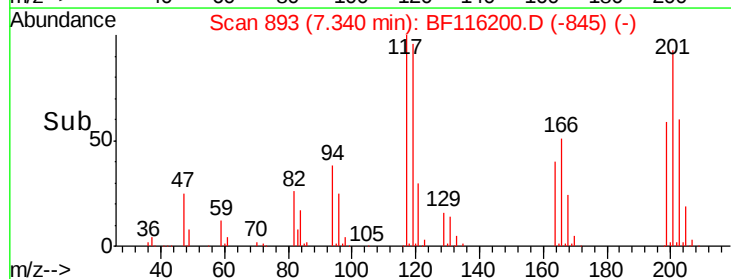
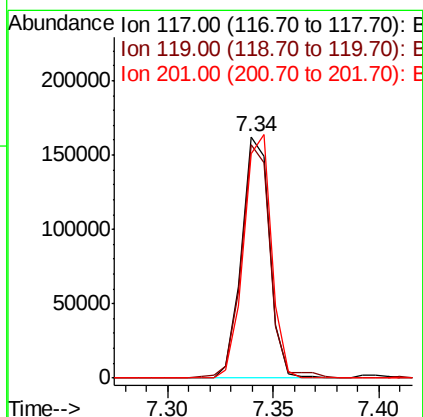
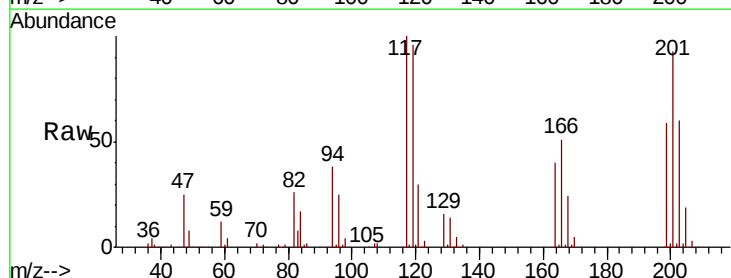
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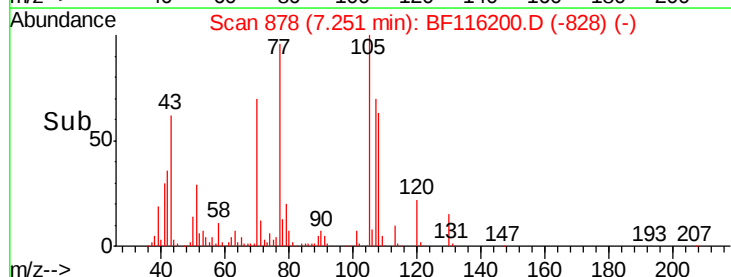
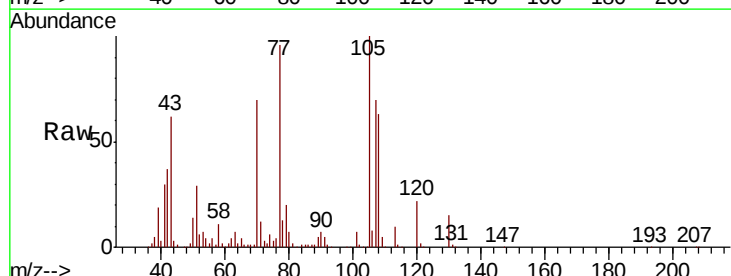
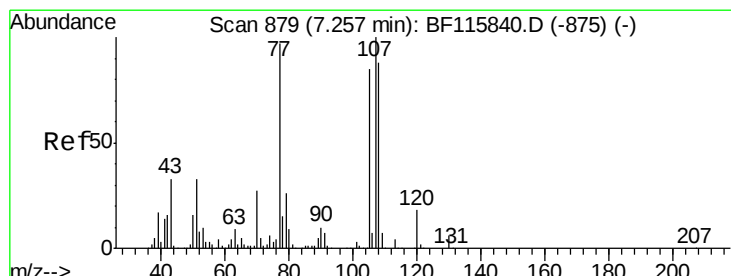
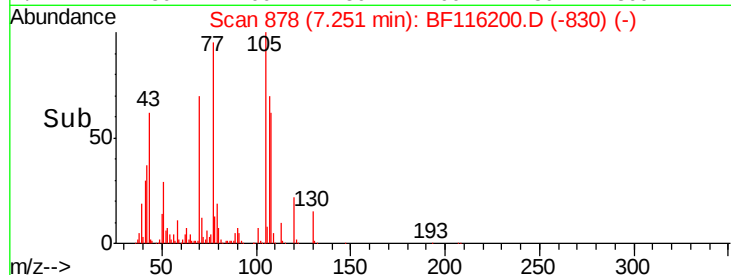
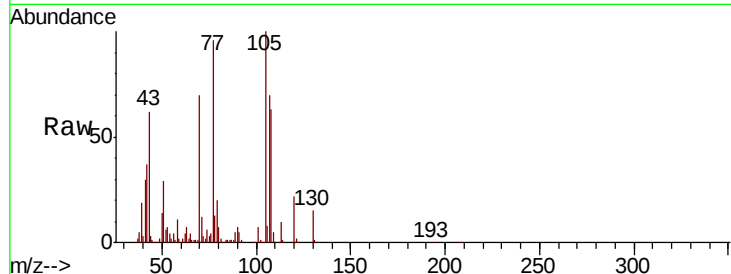
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#18
Hexachloroethane
Concen: 44.592 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	76.1	114.1	
201	93.0	77.0	115.4	





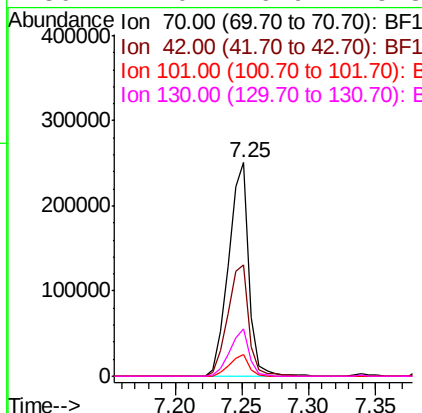
#19
n-Nitroso-di-n-propylamine
Concen: 48.266 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.0	40.9	61.3
101	10.1	7.9	11.9
130	22.0	16.9	25.3

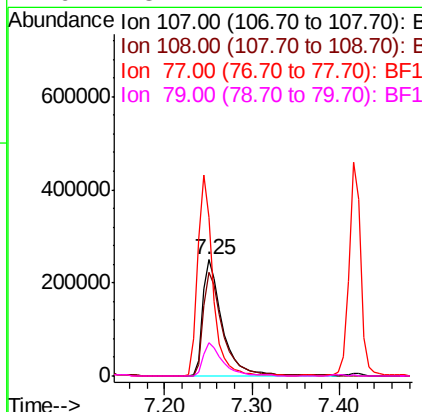
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#20
3+4-Methylphenols
Concen: 49.043 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	67.6	107.6
77	137.0	104.4	144.4
79	28.2	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: BF116200.D

Acq: 12 Aug 2019 20:31

Instrument :

BNA_F

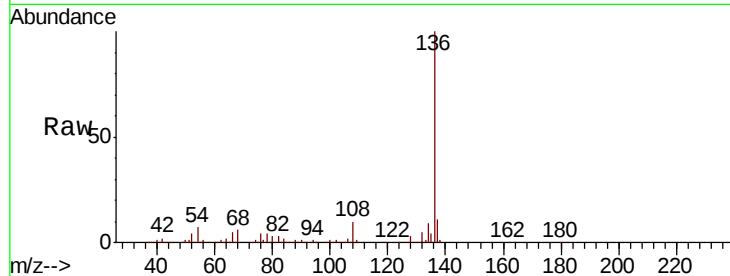
ClientSampleId :

HR-05-080919-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		465835		
137	10.8		9.0	13.4	
54	6.8		5.8	8.6	
68	5.8		5.2	7.8	

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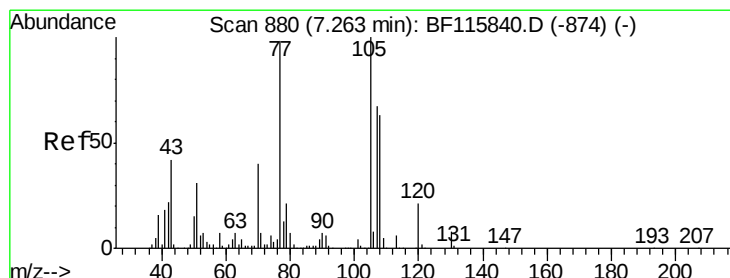
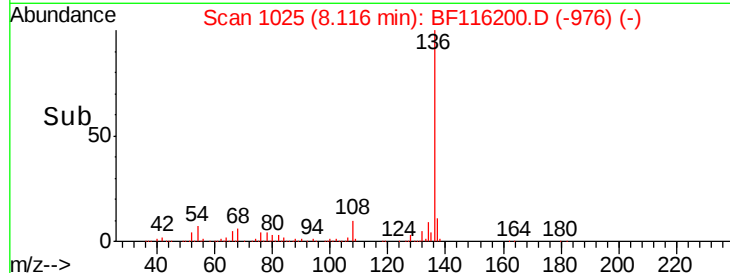
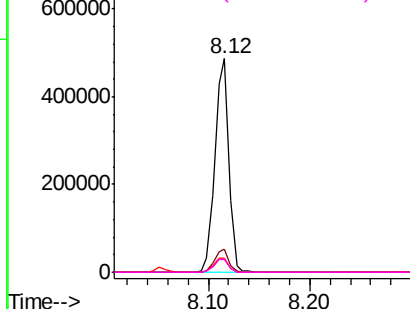
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 51.755 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		528748		
71	7.6		5.9	8.9	
51	27.8		25.3	37.9	
120	22.2		17.9	26.9	

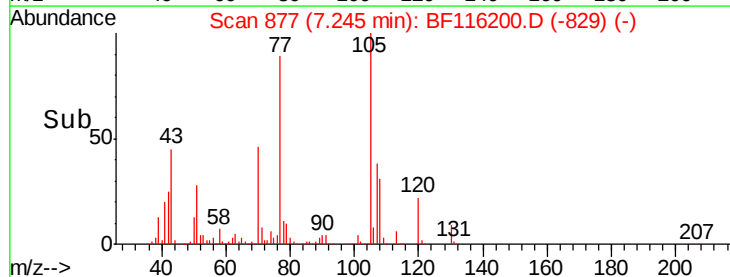
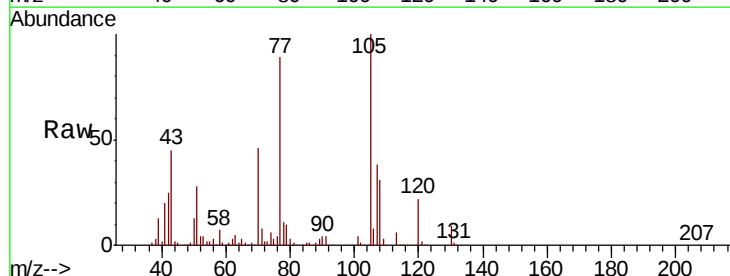
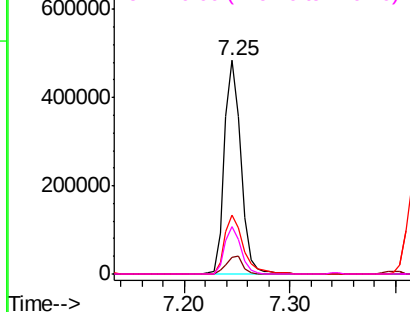
Abundance

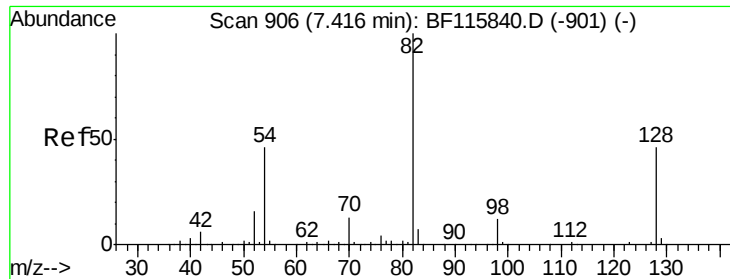
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





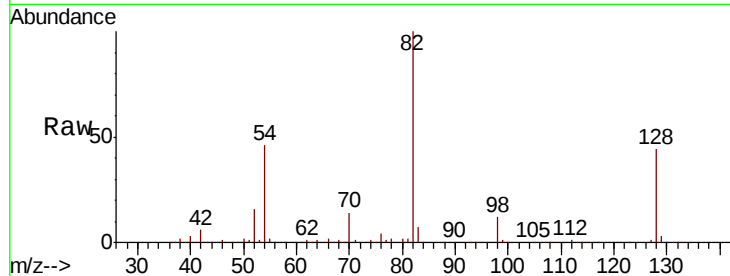
#23
Nitrobenzene-d5
Concen: 100.666 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.5	54.7
54	45.6	36.0	54.0

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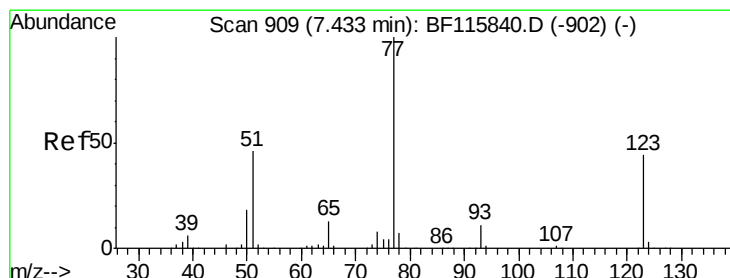
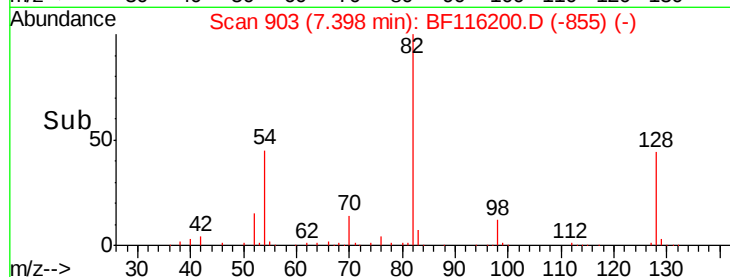
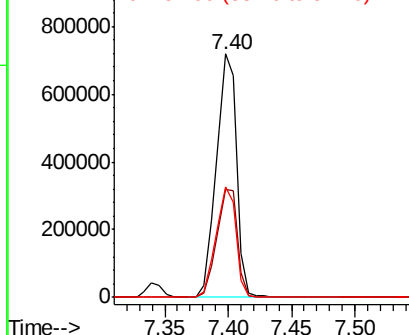


Abundance

Ion 82.00 (81.70 to 82.70): BF1

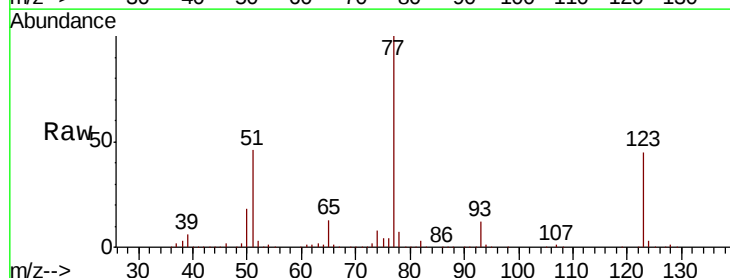
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 49.056 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.9	36.7	55.1
65	13.4	10.6	16.0

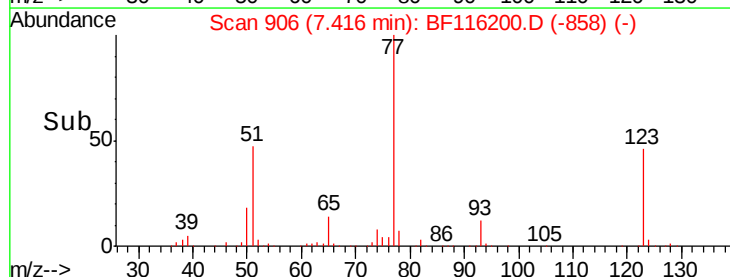
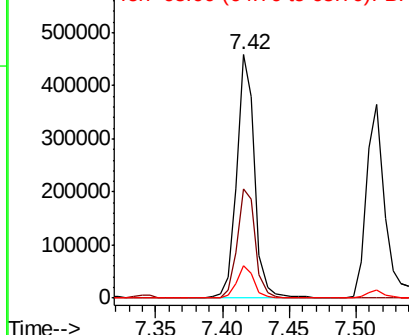


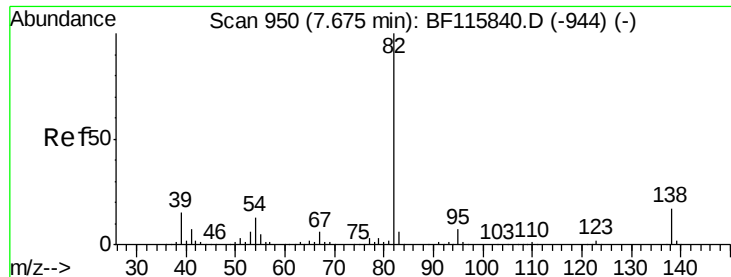
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 50.927 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Instrument :

BNA_F

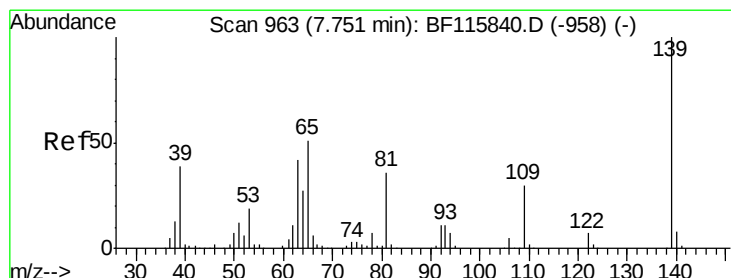
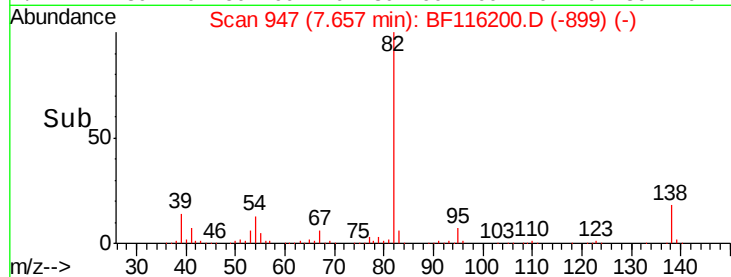
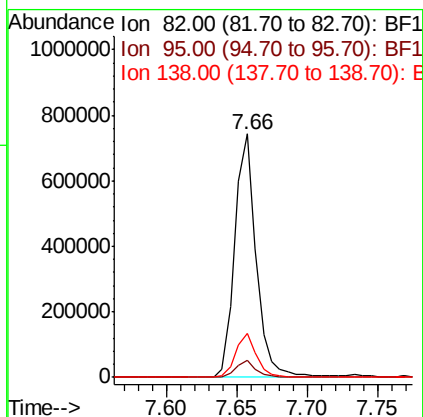
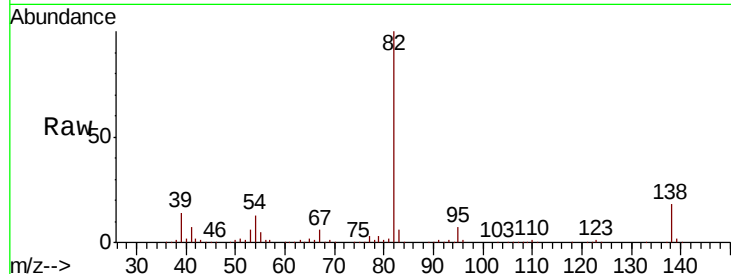
ClientSampleId :

HR-05-080919-AMS

Tot Ion:	82	Resp:	785881
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.4	8.0
138	18.1	14.5	21.7

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#26

2-Nitrophenol

Concen: 51.278 ng

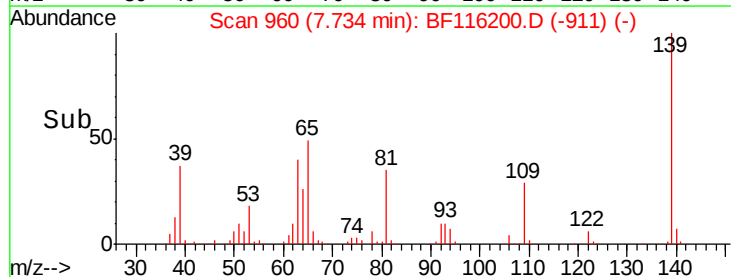
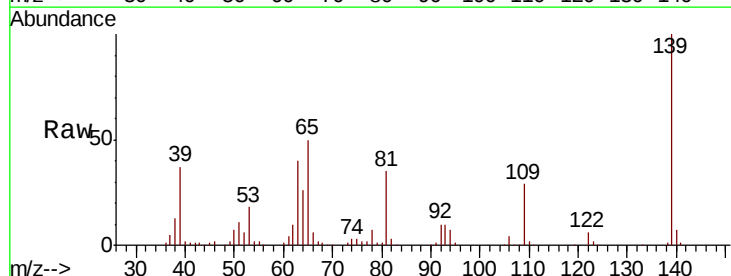
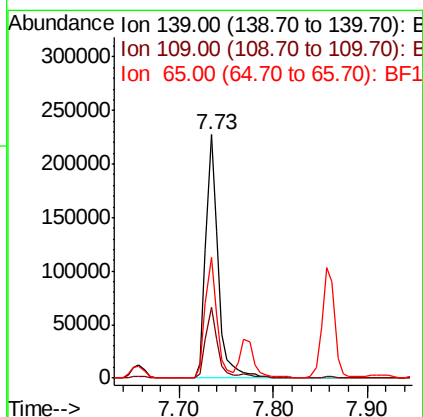
RT: 7.73 min Scan# 960

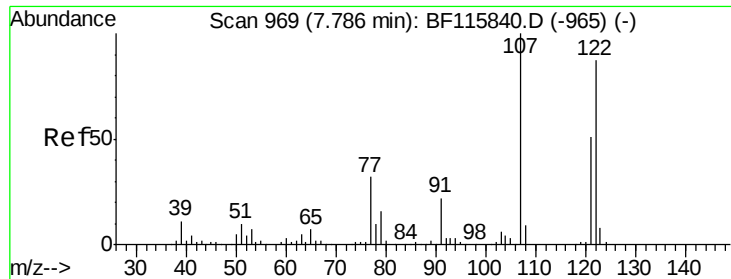
Delta R.T. -0.01 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Tgt Ion:	139	Resp:	210627
Ion Ratio		Lower	Upper
139	100		
109	29.0	23.4	35.2
65	49.8	41.1	61.7





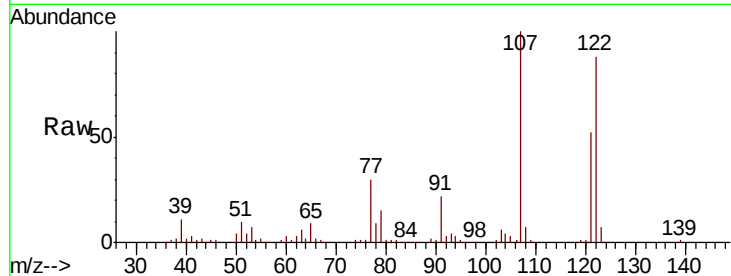
#27
2,4-Dimethylphenol
Concen: 56.317 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.7	93.0	139.6
121	58.6	47.6	71.4

Manual Integrations
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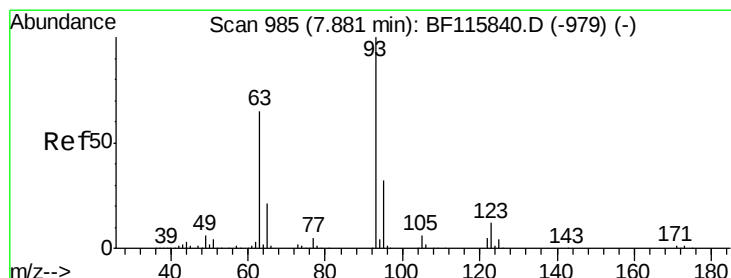
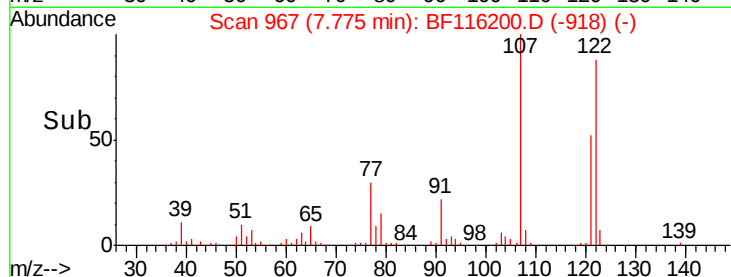
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

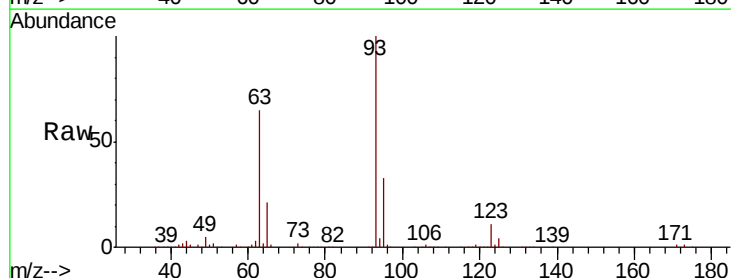
Ion 121.00 (120.70 to 121.70): E

Time-->



#28
bis(2-Chloroethoxy)methane
Concen: 50.425 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.4
123	11.1	9.2	13.8



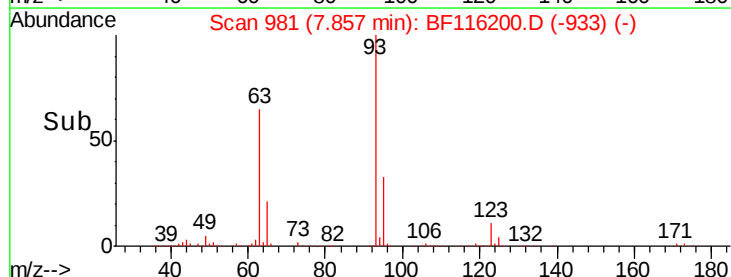
Abundance

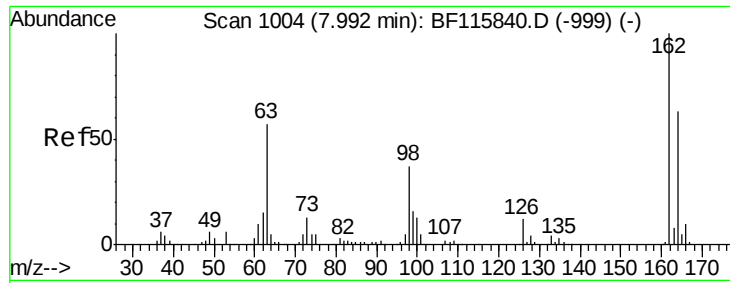
Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

Time-->





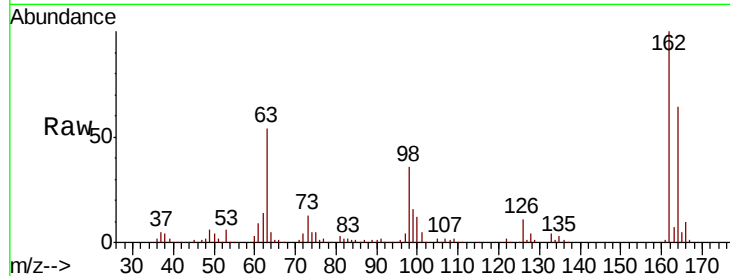
#29
2,4-Dichlorophenol
Concen: 53.017 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	345936		
164	64.3	45.1	85.1	
98	35.9	15.8	55.8	

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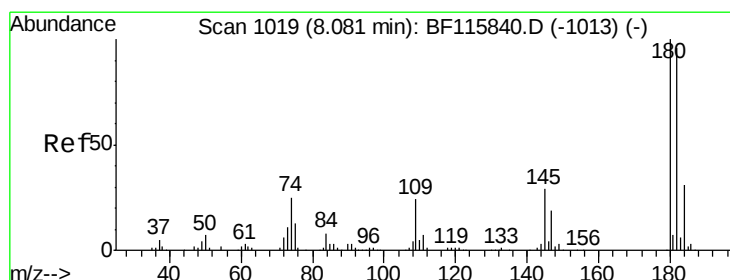
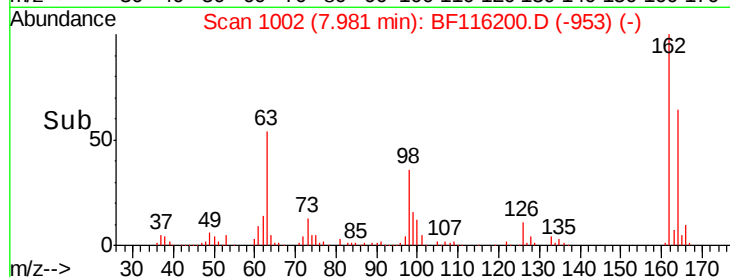
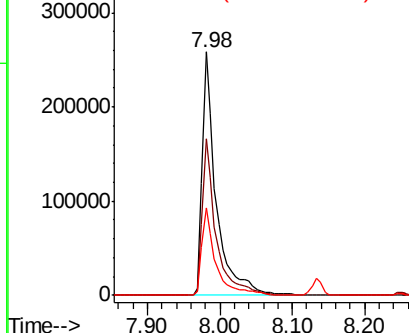


Abundance

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: 48.577 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

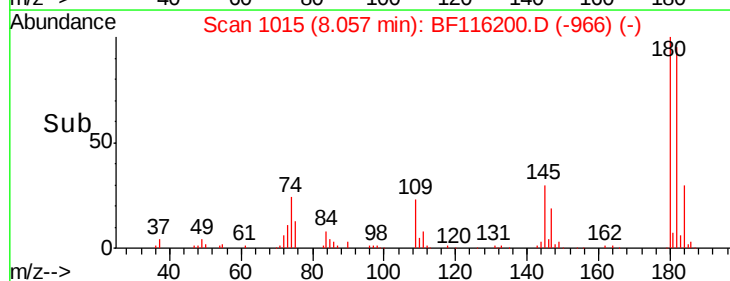
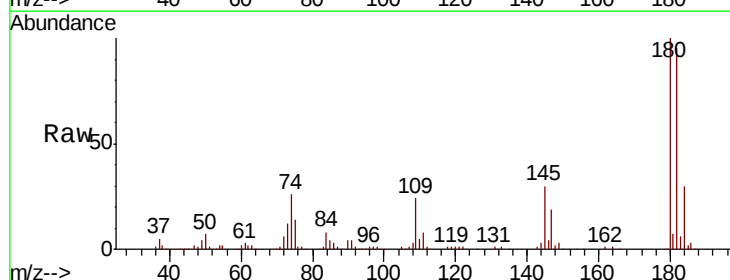
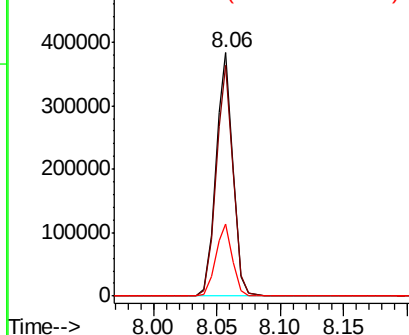
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	361311		
182	94.8	75.7	113.5	
145	29.6	24.3	36.5	

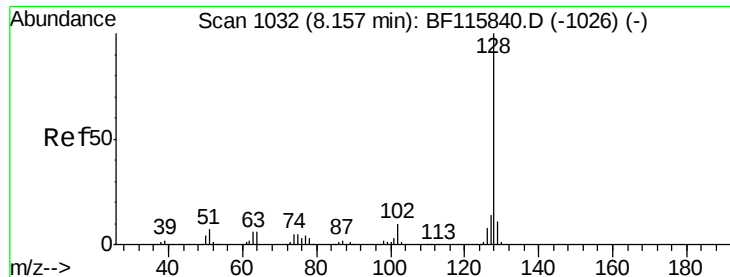
Abundance

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





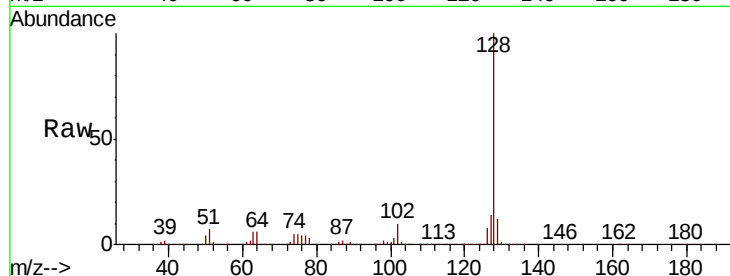
#31
Naphthalene
Concen: 50.286 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

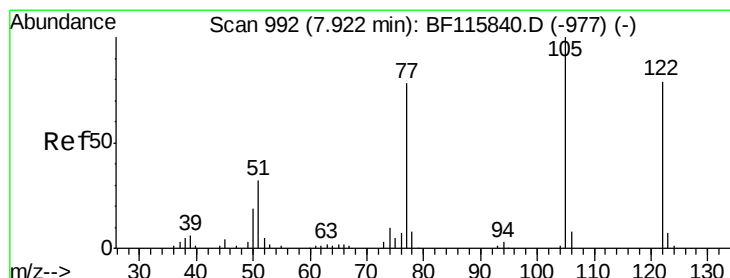
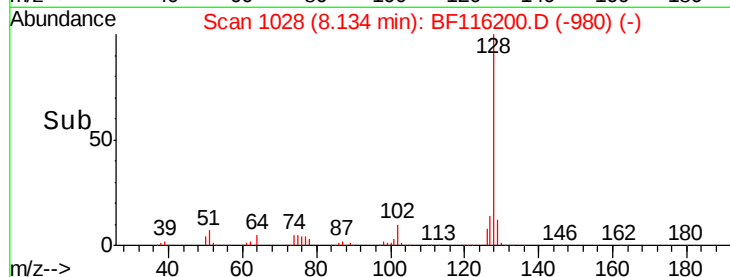
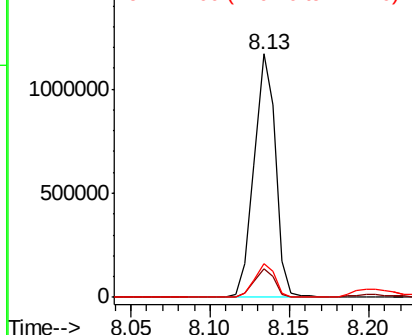
Tot Ion:128 Resp: 1102318
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 13.7 11.4 17.0

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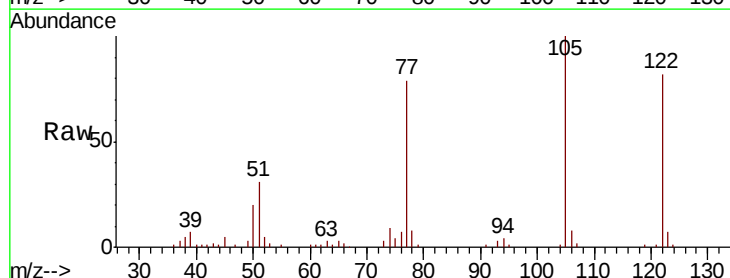


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

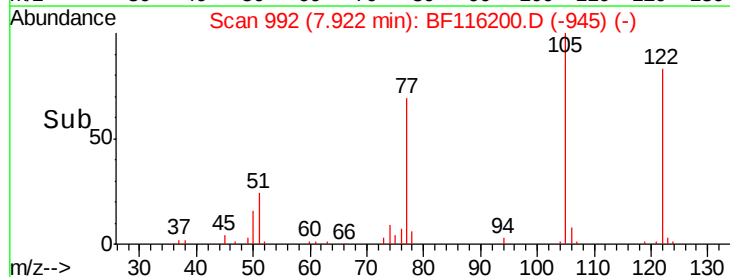
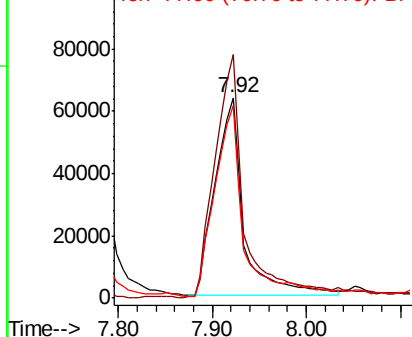


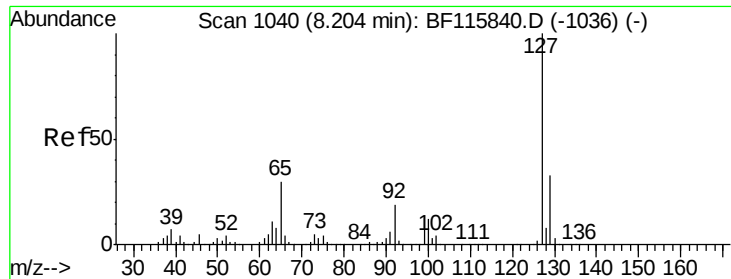
#32
Benzoic acid
Concen: 31.328 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Tgt Ion:122 Resp: 136492
Ion Ratio Lower Upper
122 100
105 121.6 106.1 146.1
77 95.9 76.7 116.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





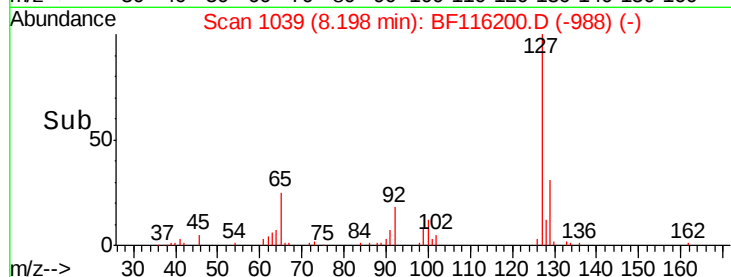
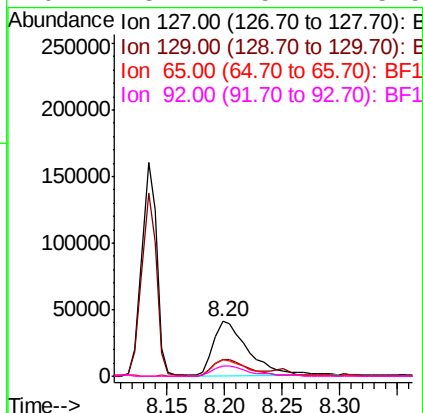
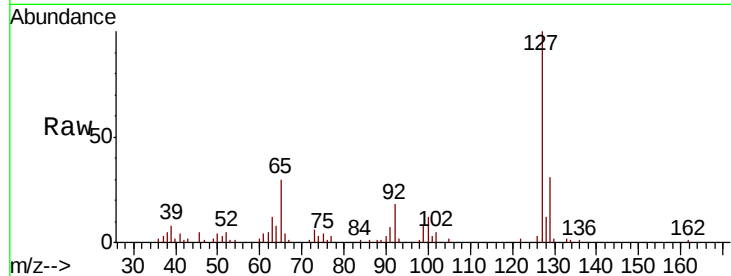
#33
4-Chloroaniline
Concen: 8.860 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.1	39.1
65	30.0	24.9	37.3
92	18.2	15.7	23.5

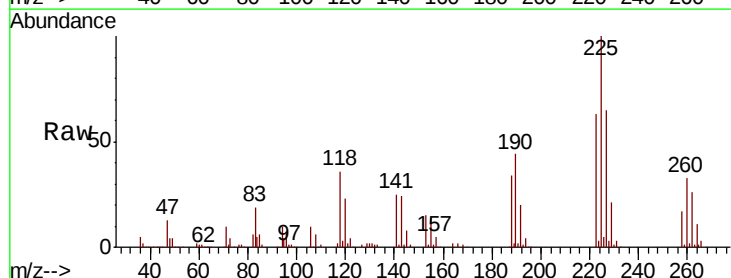
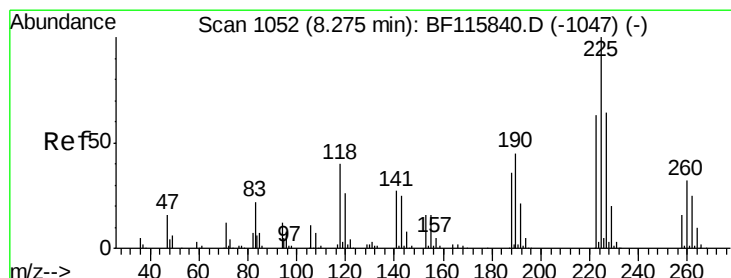
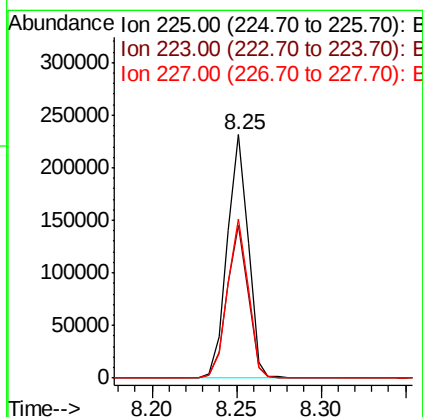
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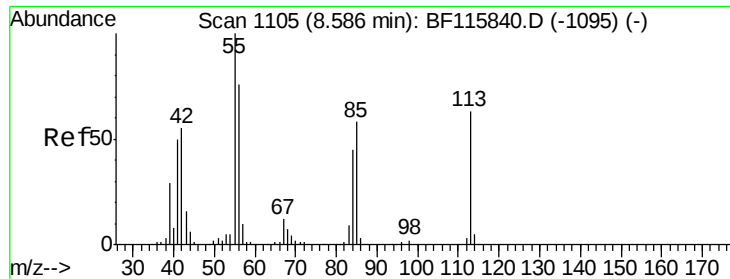
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#34
Hexachlorobutadiene
Concen: 46.425 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.0	75.0
227	65.2	51.0	76.4





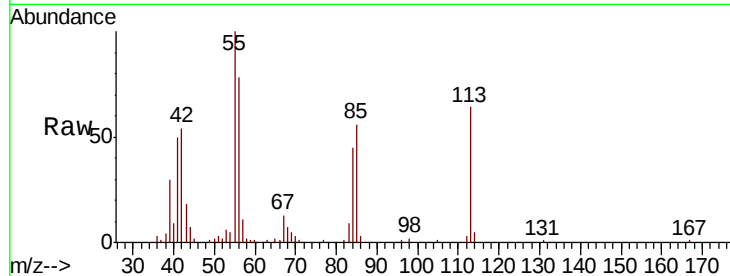
#35
Caprolactam
Concen: 37.244 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	155.6	144.3	184.3
56	120.7	97.1	137.1

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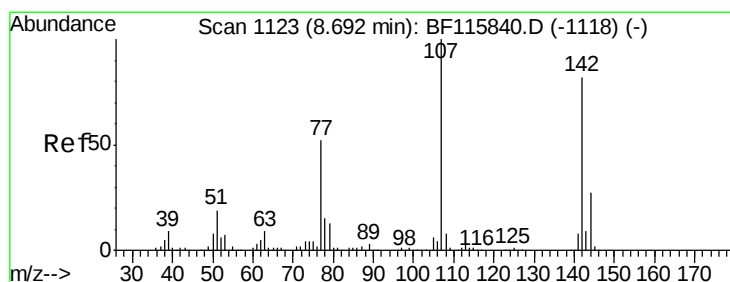
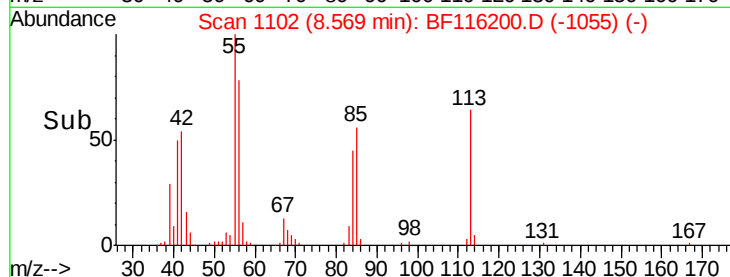
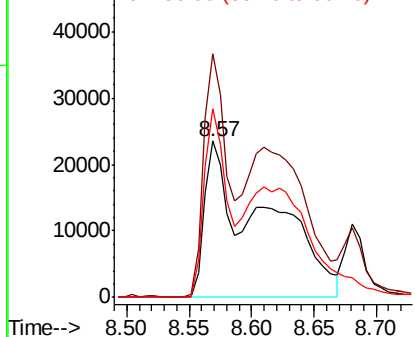


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 51.256 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

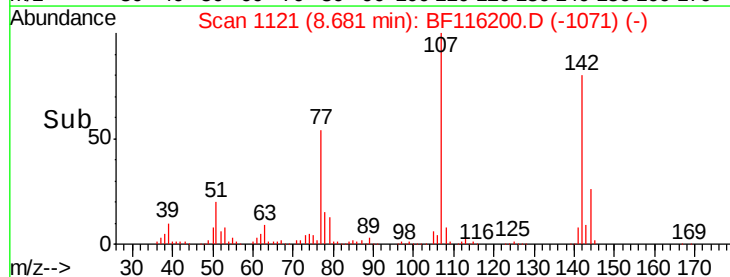
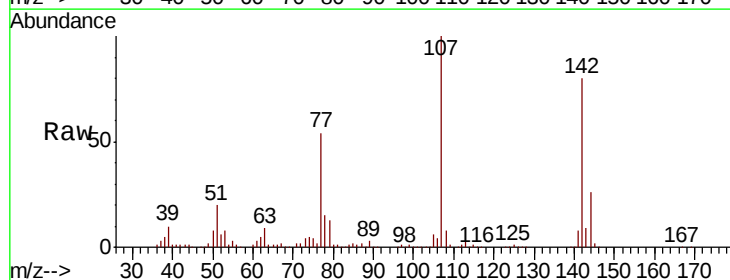
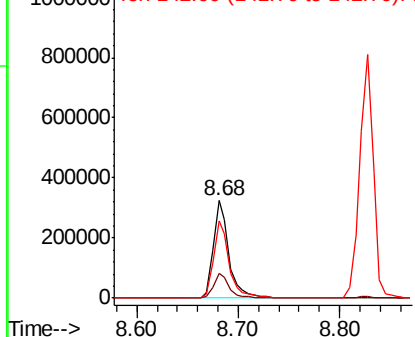
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.2	30.2
142	79.6	61.7	92.5

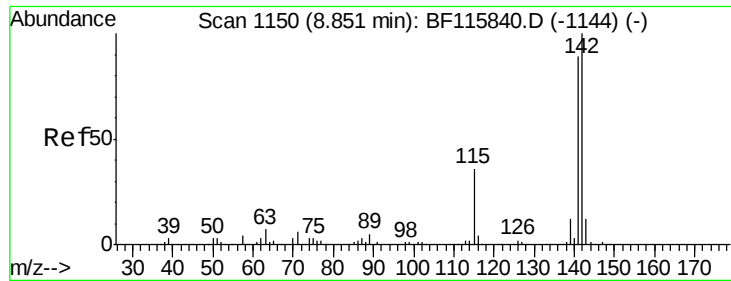
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





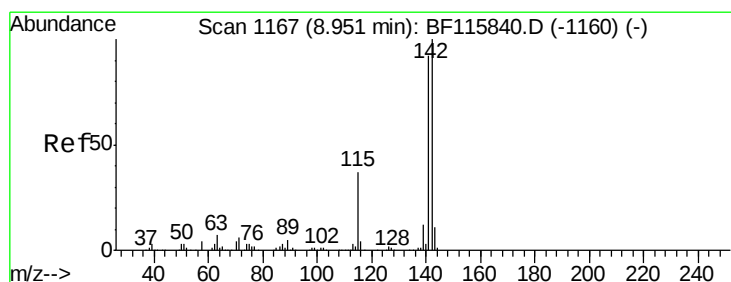
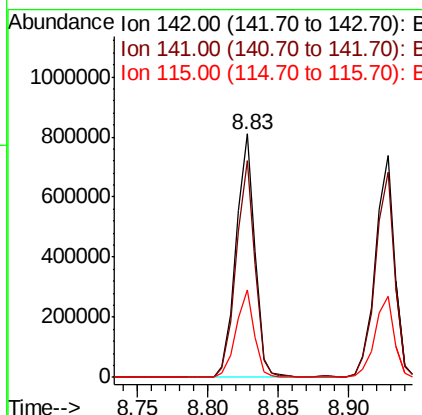
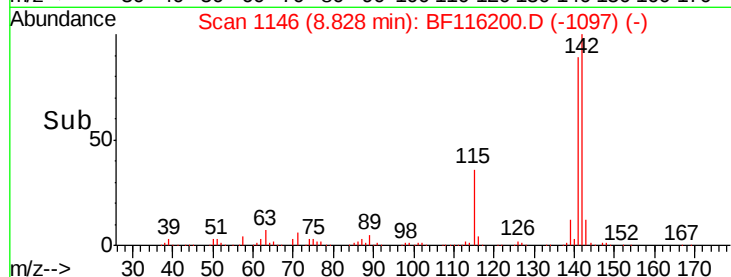
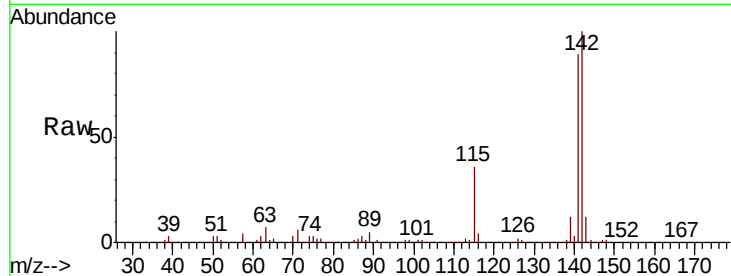
#37
2-Methylnaphthalene
Concen: 51.959 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.9	106.3
115	35.7	29.0	43.6

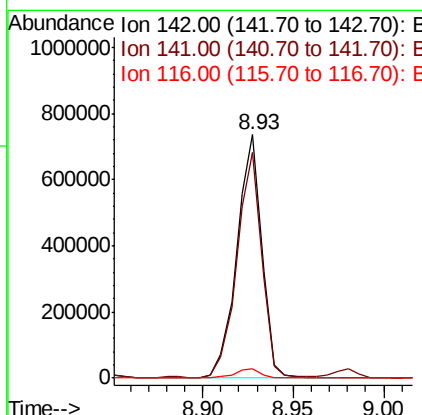
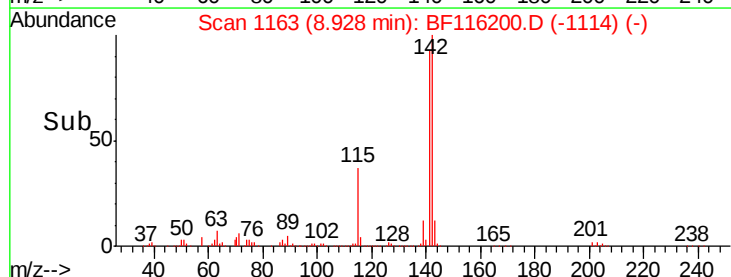
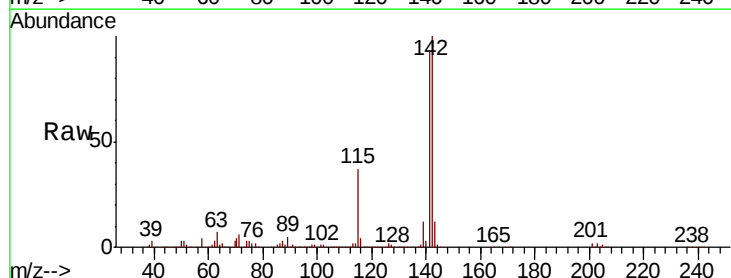
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#38
1-Methylnaphthalene
Concen: 51.092 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.4	111.6
116	3.8	3.1	4.7





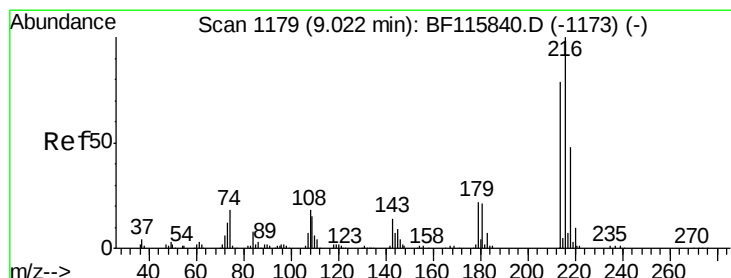
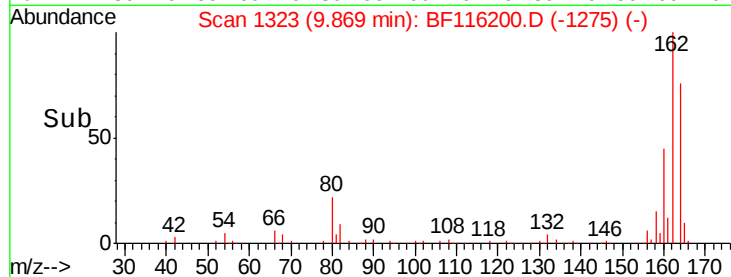
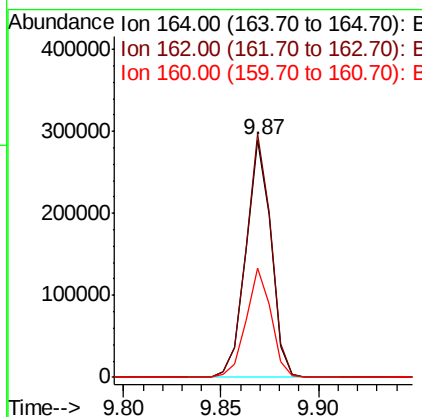
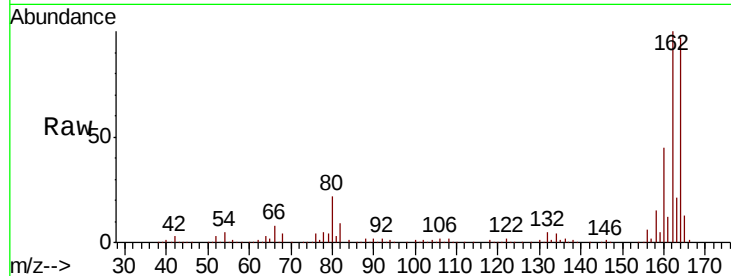
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	124.0
160	46.1	37.6	56.4

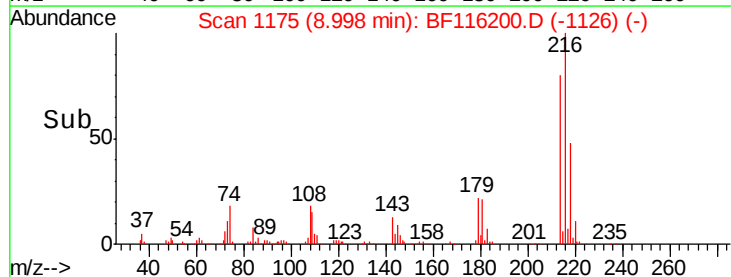
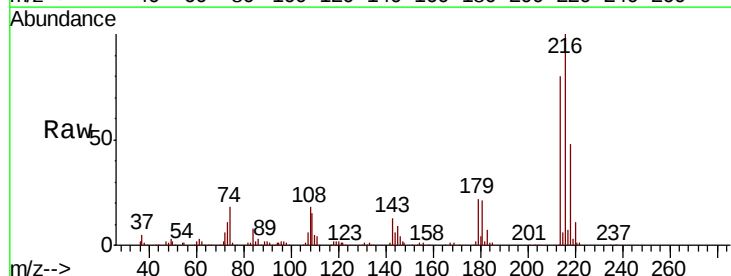
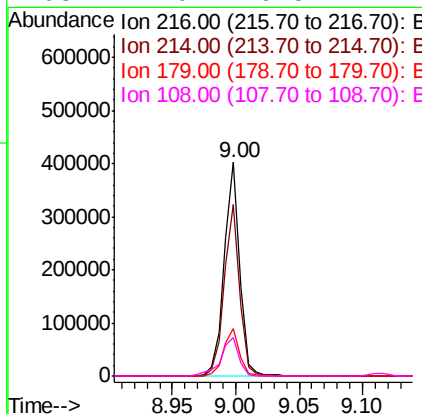
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.848 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.6	95.4
179	22.4	17.8	26.8
108	21.0	16.5	24.7





#41

Hexachlorocyclopentadiene

Concen: 59.921 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Instrument :

BNA_F

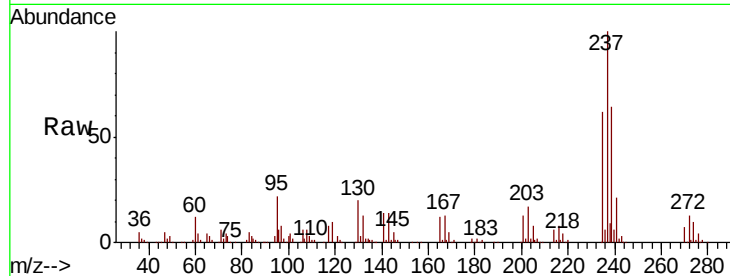
ClientSampleId :

HR-05-080919-AMS

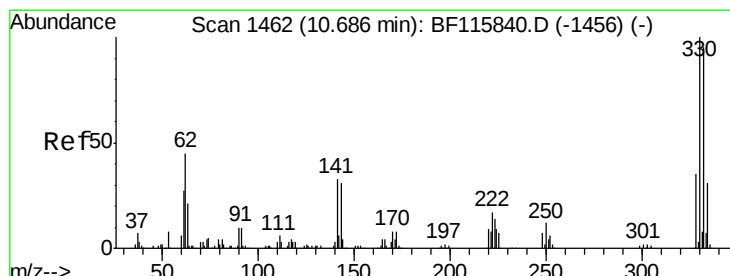
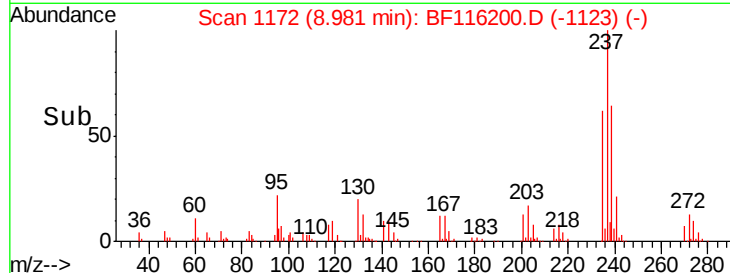
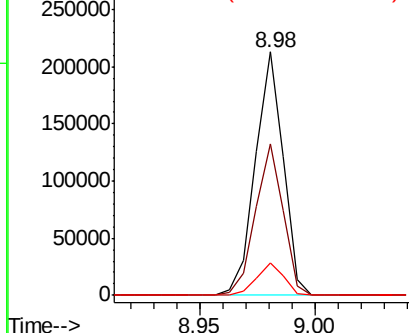
Tot Ion:	237	Resp:	179941
Ion Ratio	Lower	Upper	
237	100		
235	62.2	43.4	83.4
272	13.4	0.0	33.2

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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: 142.432 ng

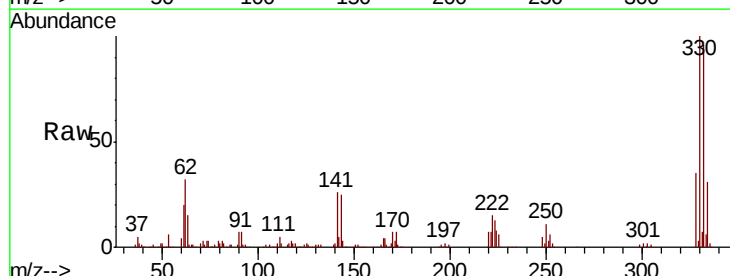
RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

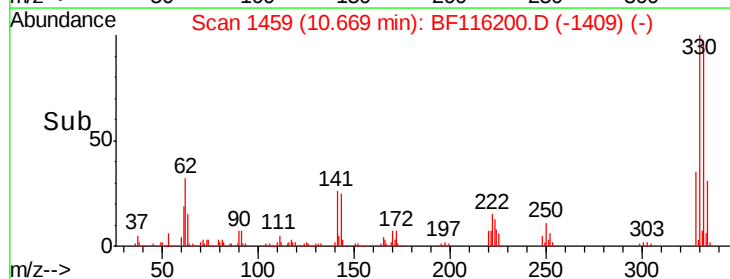
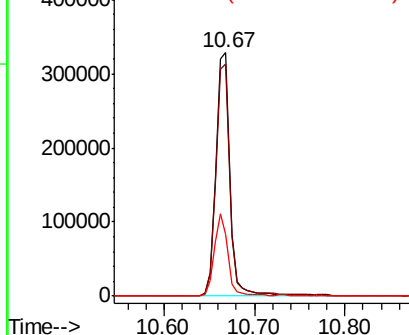
Lab File: BF116200.D

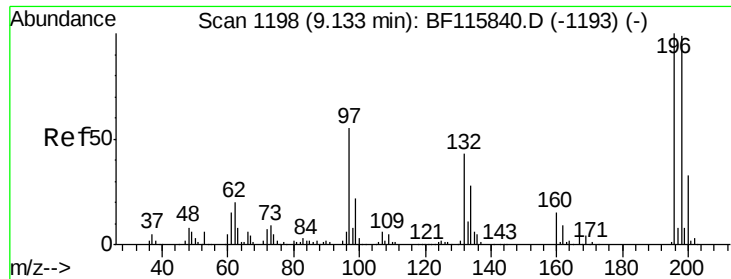
Acq: 12 Aug 2019 20:31

Tgt Ion:	330	Resp:	355035
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.8	115.2
141	32.6	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





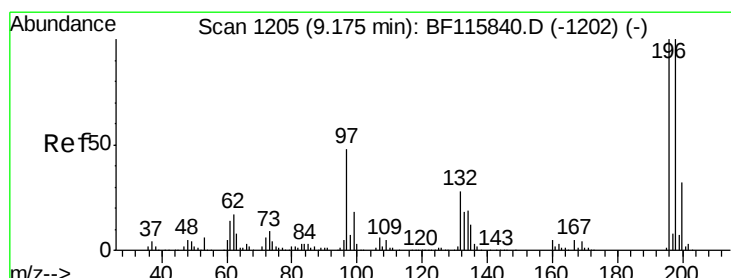
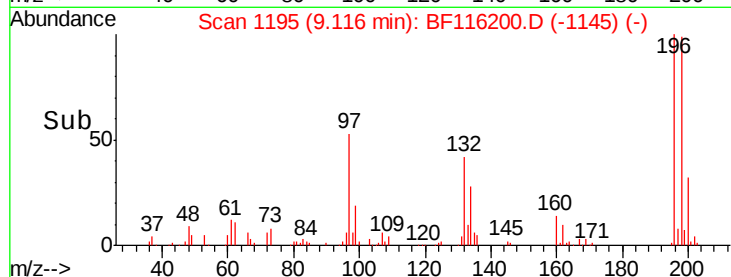
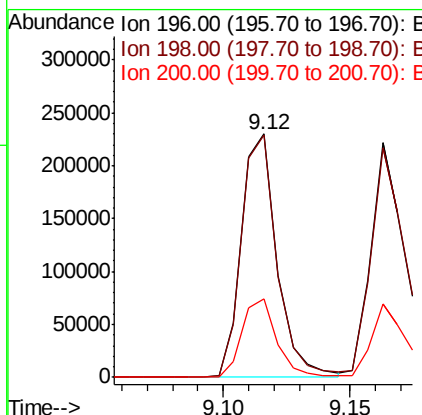
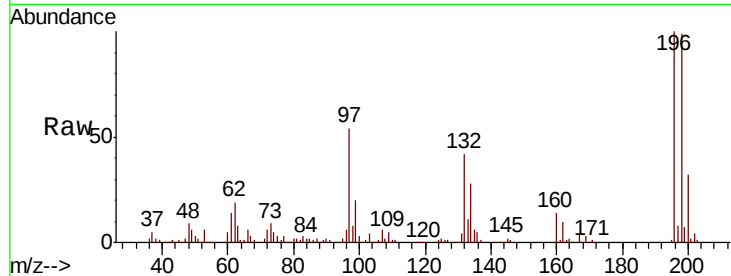
#43
 2,4,6-Trichlorophenol
 Concen: 47.583 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116200.D
 Acq: 12 Aug 2019 20:31

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	225115		
198	99.3	79.2	118.8	
200	32.3	25.2	37.8	

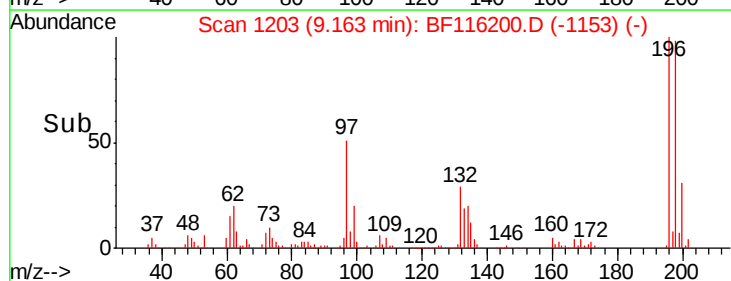
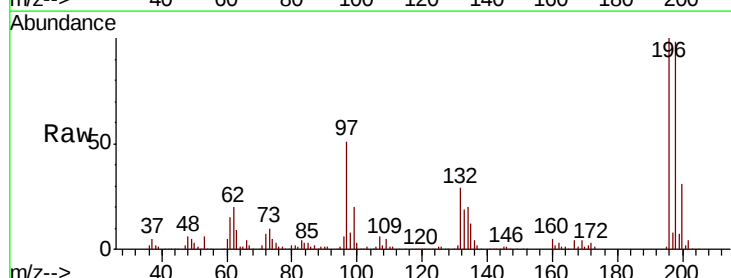
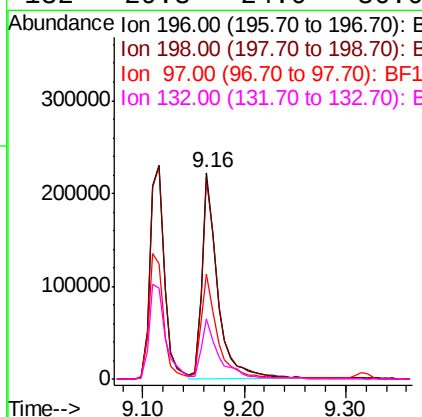
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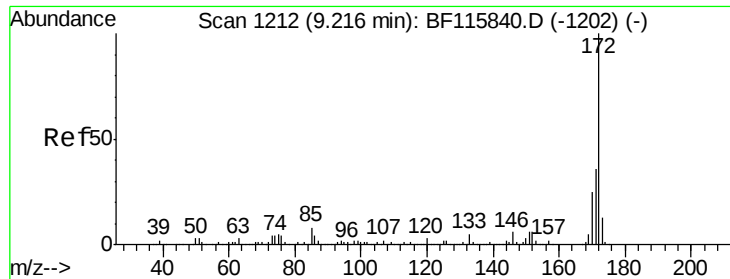
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#44
 2,4,5-Trichlorophenol
 Concen: 48.764 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116200.D
 Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	238478		
198	97.6	78.8	118.2	
97	51.1	42.2	63.4	
132	29.3	24.0	36.0	





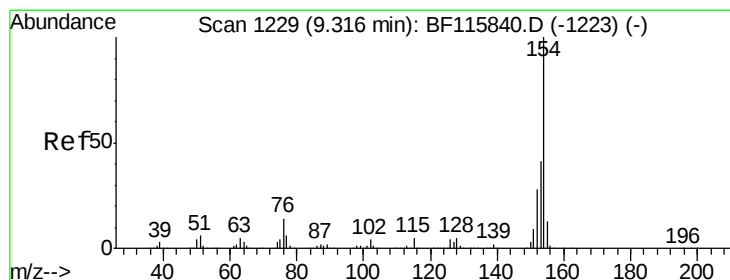
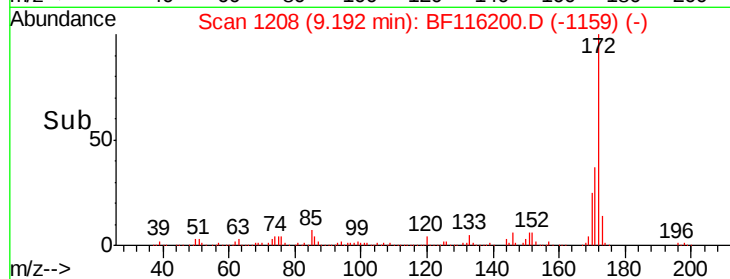
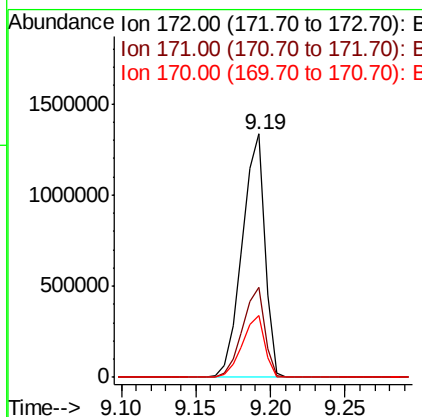
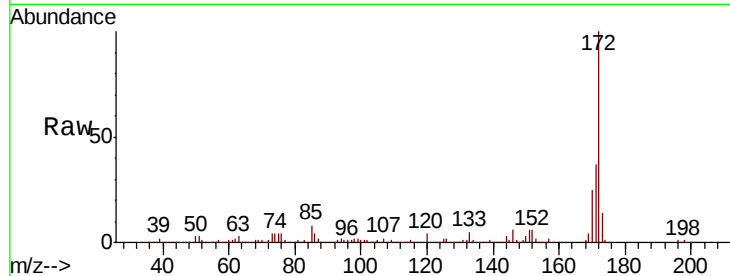
#45
2-Fluorobiphenyl
Concen: 102.963 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	25.4	20.1	30.1

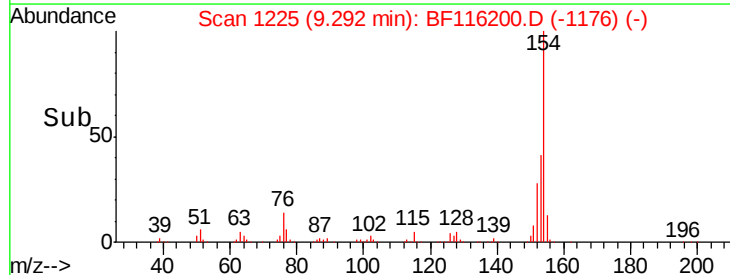
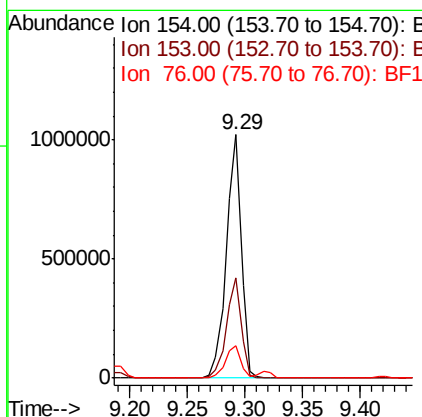
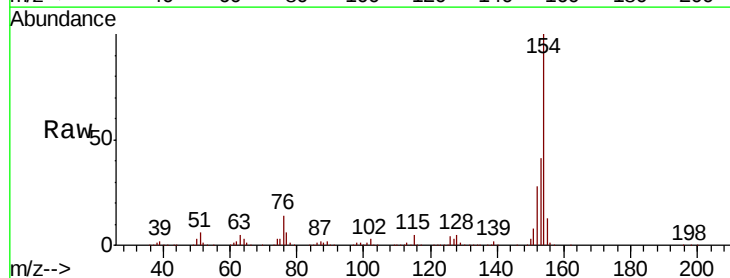
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#46
1,1'-Biphenyl
Concen: 50.731 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.4	61.4
76	13.6	0.0	35.2





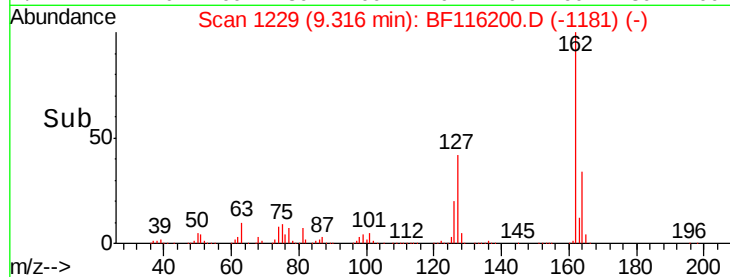
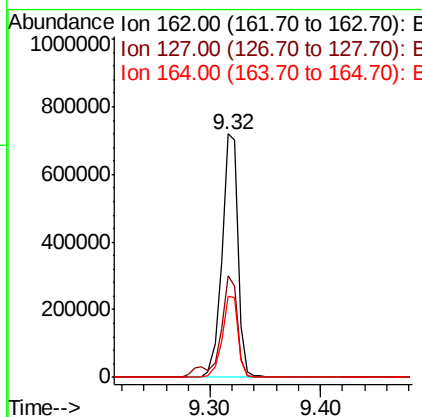
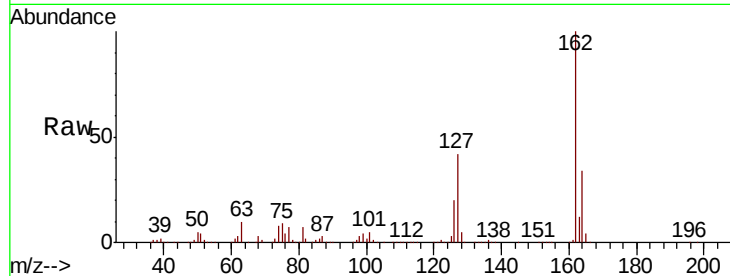
#47
 2-Chloronaphthalene
 Concen: 48.318 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF116200.D
 Acq: 12 Aug 2019 20:31

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	41.5	32.8	49.2		
164	33.5	26.6	39.8		

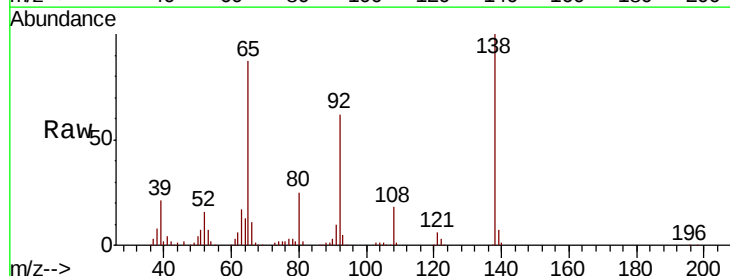
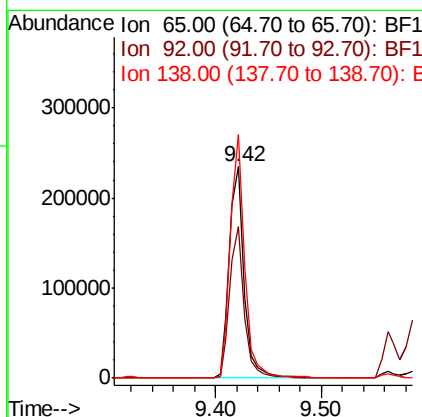
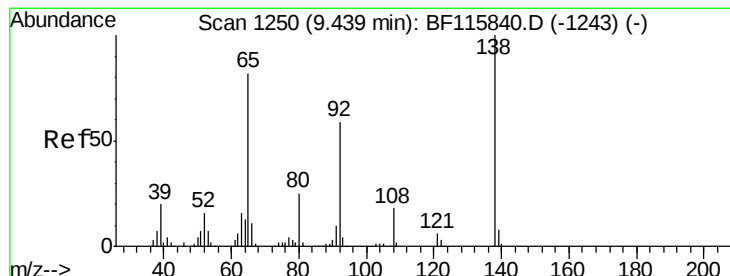
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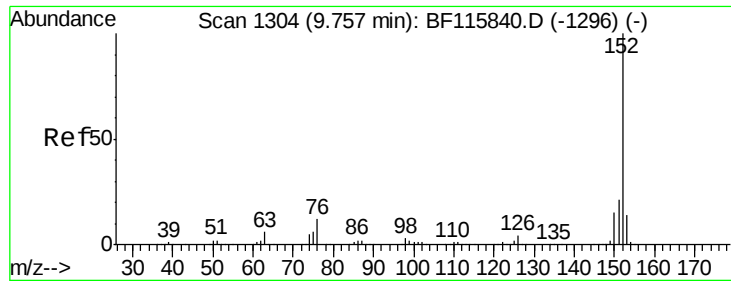
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#48
 2-Nitroaniline
 Concen: 45.831 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF116200.D
 Acq: 12 Aug 2019 20:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	71.5	57.8	86.8		
138	115.4	94.0	141.0		





#49

Acenaphthylene

Concen: 49.858 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMS

Tot Ion:152 Resp: 1098864

Ion Ratio Lower Upper

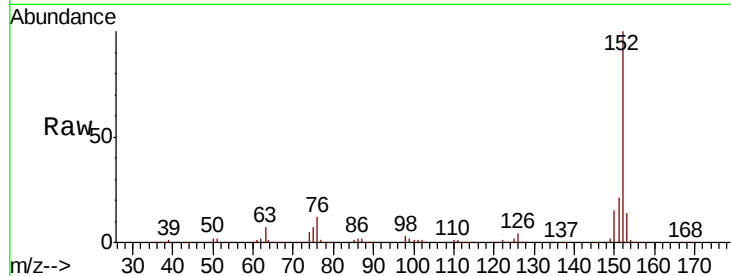
152 100

151 21.5 17.2 25.8

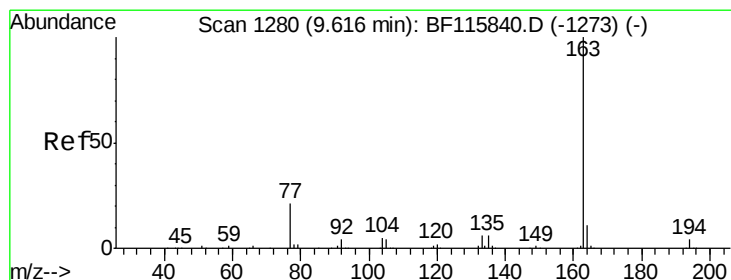
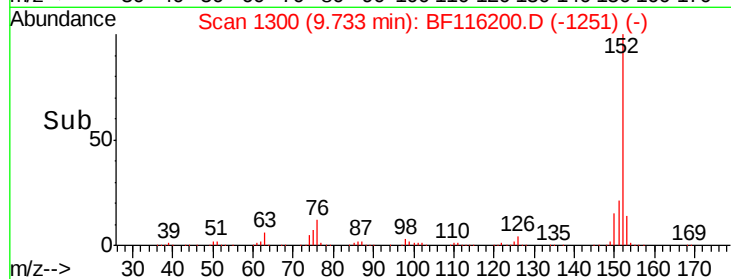
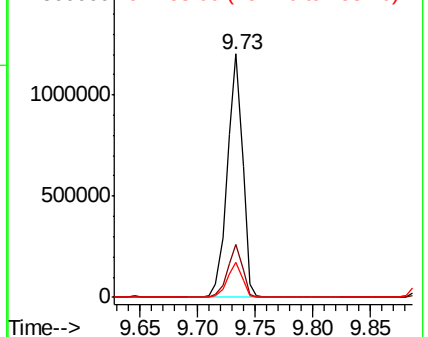
153 14.3 11.8 17.8

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.366 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

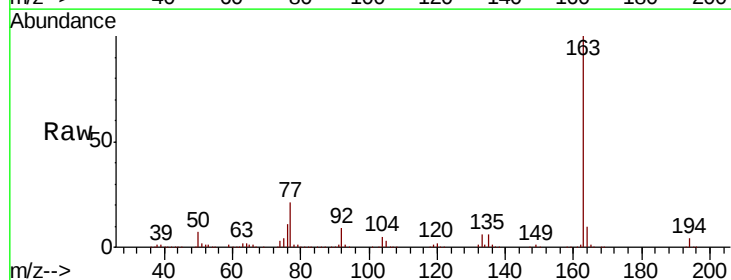
Tgt Ion:163 Resp: 864180

Ion Ratio Lower Upper

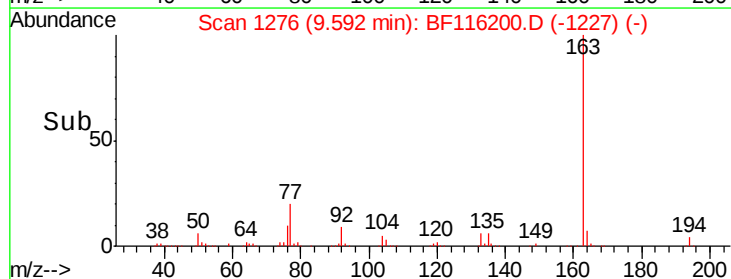
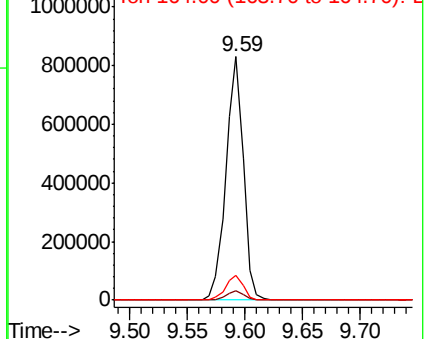
163 100

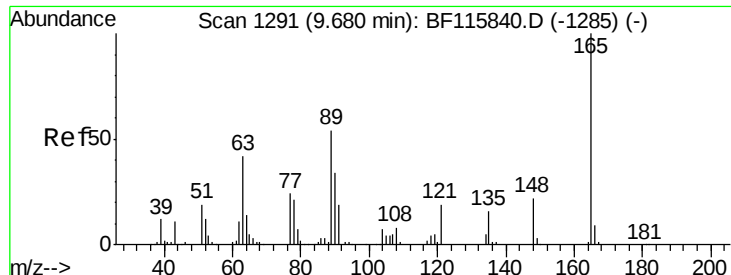
194 3.9 3.0 4.6

164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 51.100 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Instrument :

BNA_F

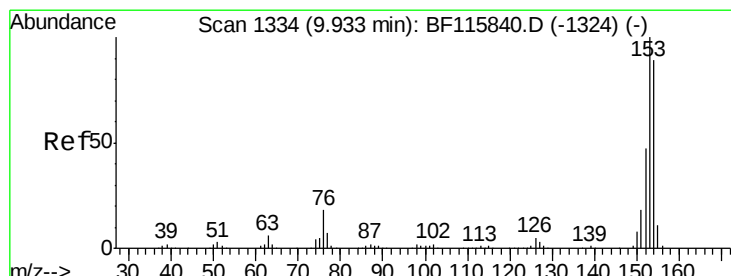
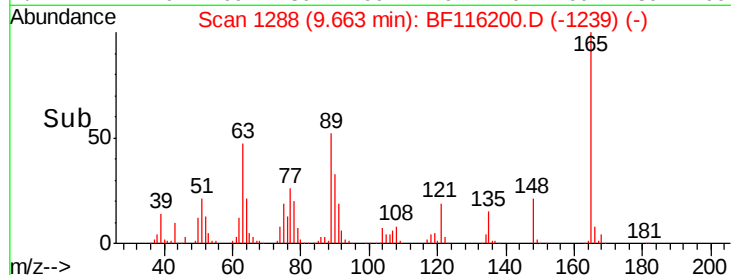
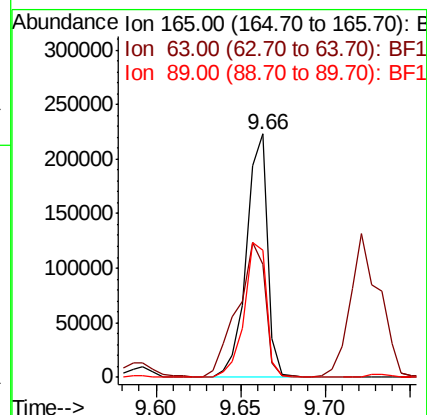
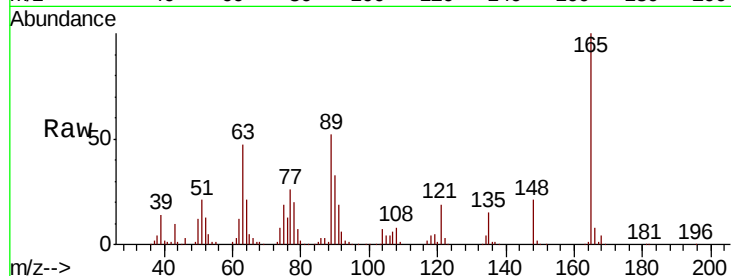
ClientSampleId :

HR-05-080919-AMS

Tot Ion:	165	Resp:	194397
Ion Ratio	Lower	Upper	
165	100		
63	46.7	38.2	57.2
89	52.1	42.9	64.3

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#52

Acenaphthene

Concen: 49.584 ng

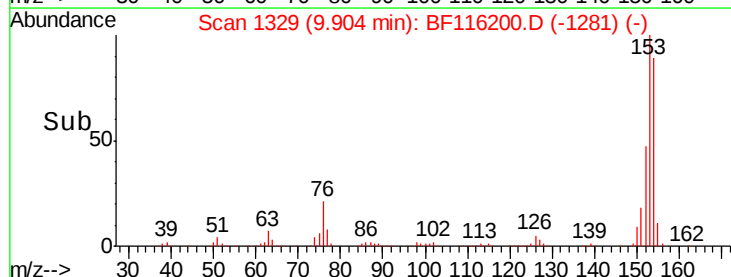
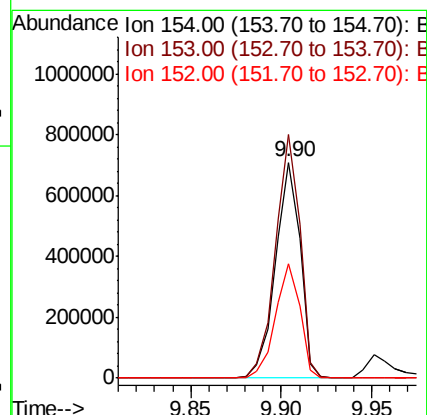
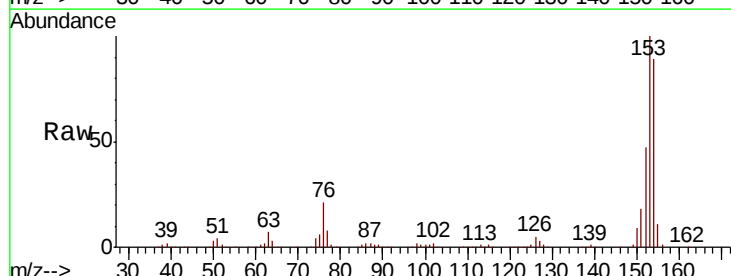
RT: 9.90 min Scan# 1329

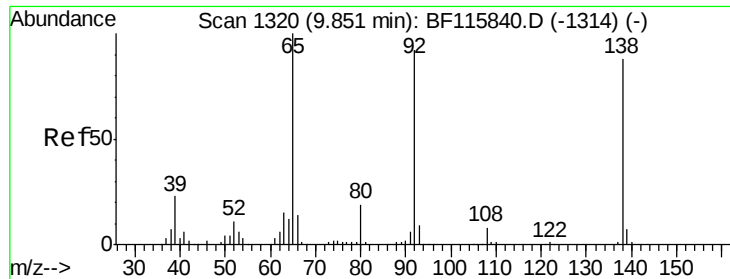
Delta R.T. -0.02 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Tgt Ion:	154	Resp:	670438
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.4	134.0
152	53.2	42.3	63.5





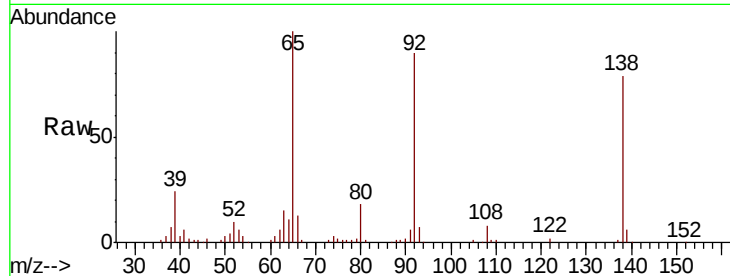
#53
3-Nitroaniline
Concen: 18.729 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.0	12.0
92	114.5	91.0	136.6

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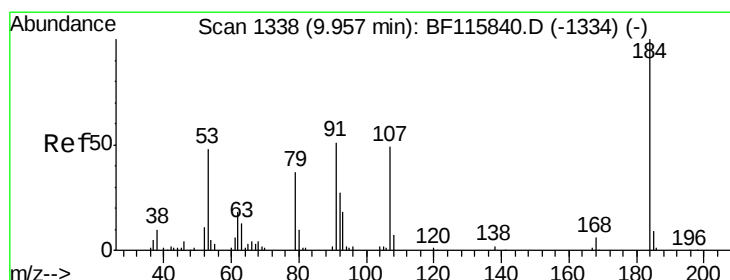
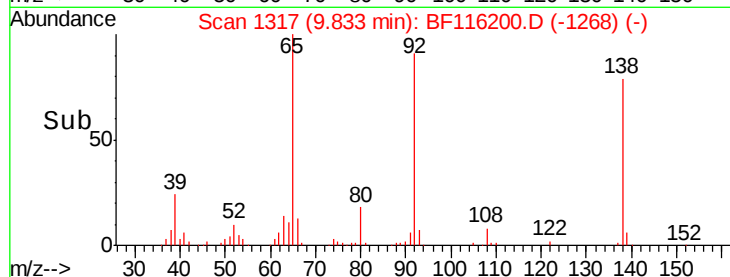
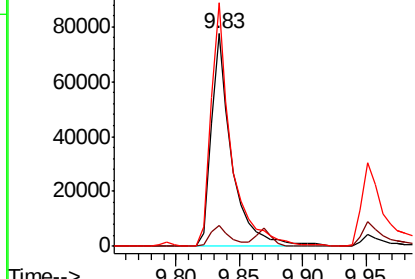


Abundance

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: 73.031 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

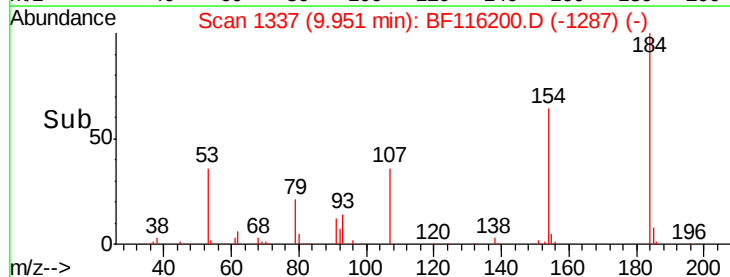
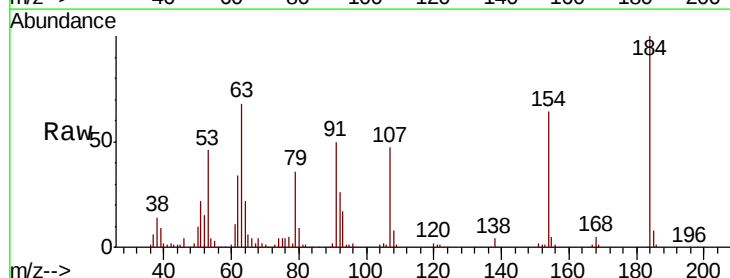
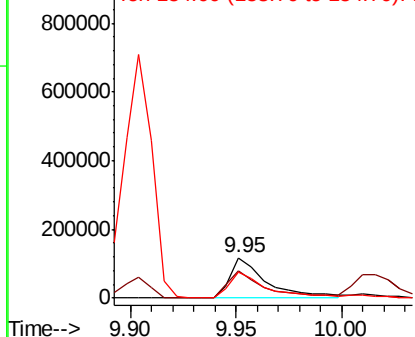
Tgt Ion	Ratio	Lower	Upper
184	100		
63	68.3	53.0	79.4
154	64.2	50.1	75.1

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: 48.164 ng

RT: 10.08 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Instrument :

BNA_F

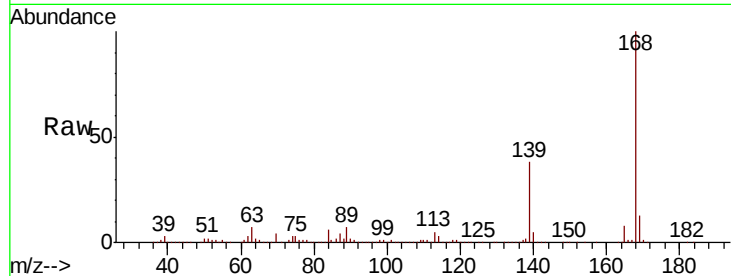
ClientSampleId :

HR-05-080919-AMS

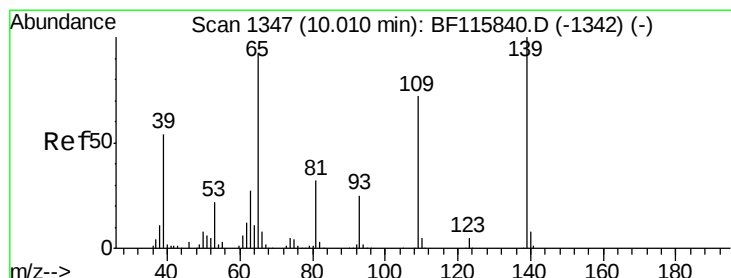
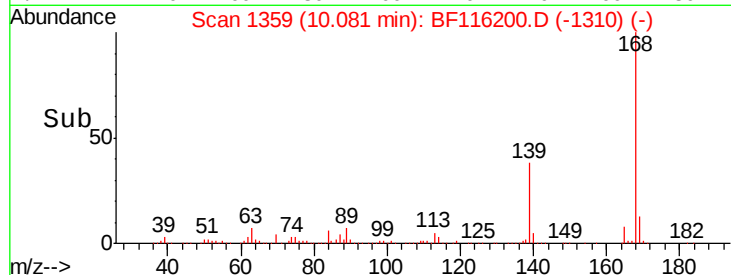
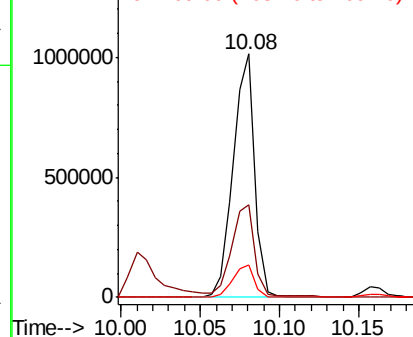
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.4	47.2
169	13.4	10.9	16.3

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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: 78.032 ng

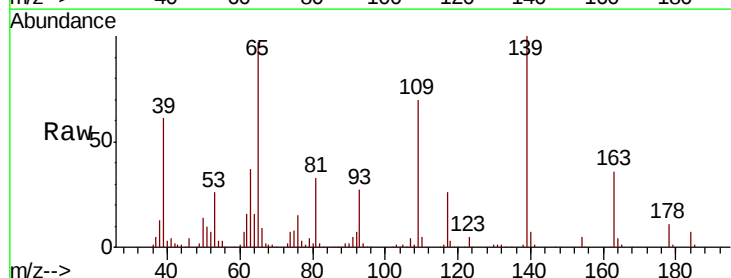
RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

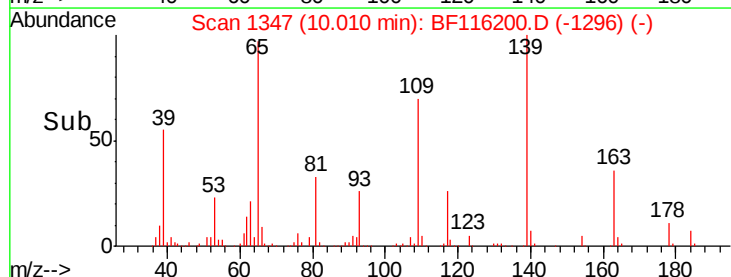
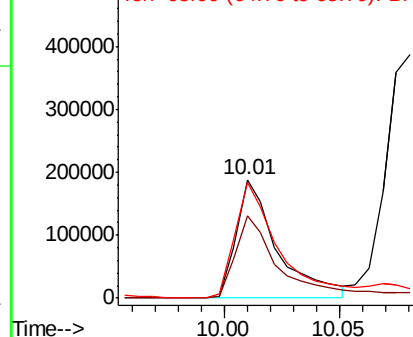
Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.5	54.4	94.4
65	97.5	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





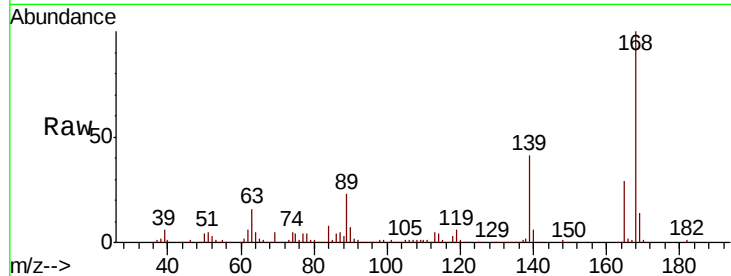
#57
 2,4-Dinitrotoluene
 Concen: 47.475 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF116200.D
 Acq: 12 Aug 2019 20:31

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMS

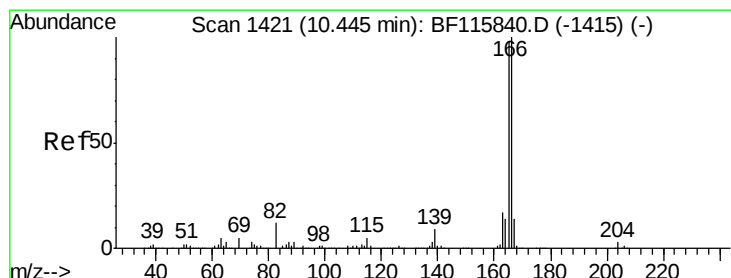
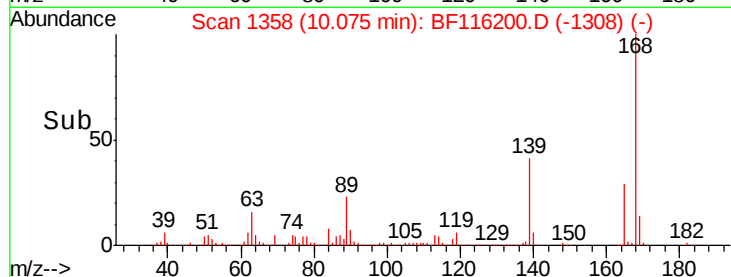
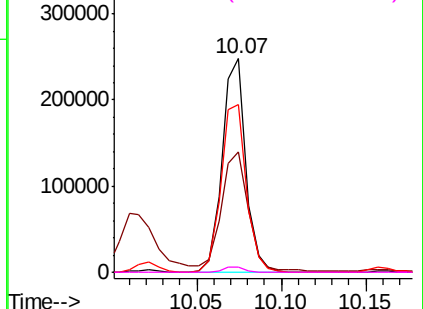
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		240465		
63	56.2	39.6	59.4		
89	78.6	62.2	93.2		
182	2.6	2.1	3.1		

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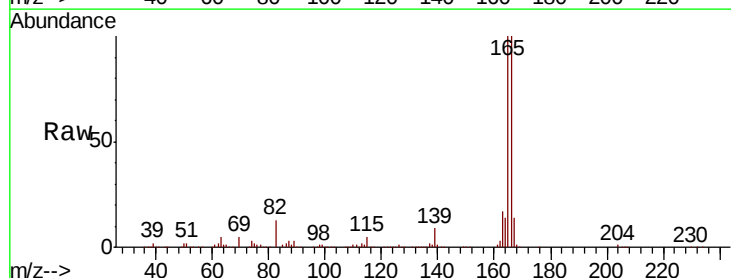


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

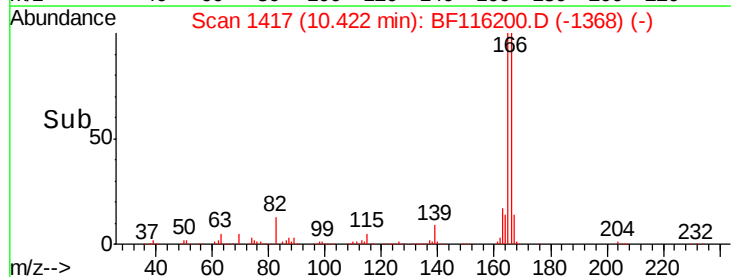
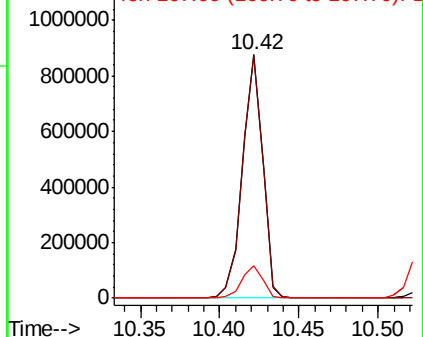


#58
 Fluorene
 Concen: 51.107 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF116200.D
 Acq: 12 Aug 2019 20:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		773172		
165	99.7	78.4	117.6		
167	13.5	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





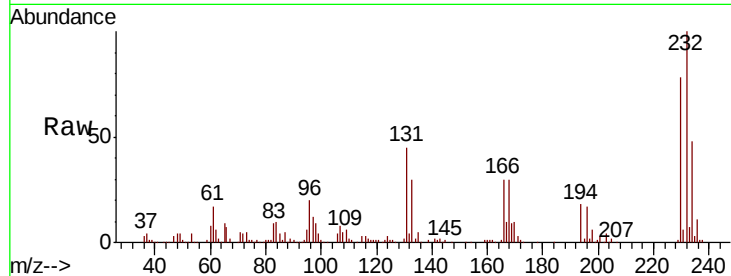
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.013 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

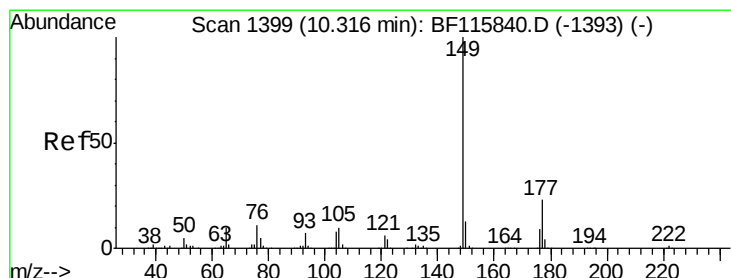
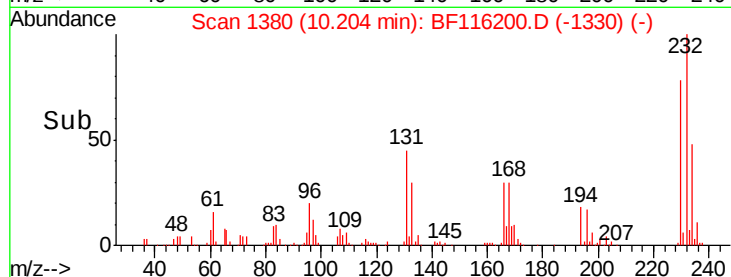
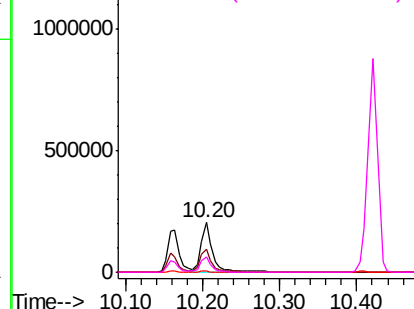
Tot Ion	Ratio	Resp	Lower	Upper
232	100	214002		
131	44.0	36.2	54.2	
130	2.3	1.9	2.9	
166	28.7	23.0	34.4	

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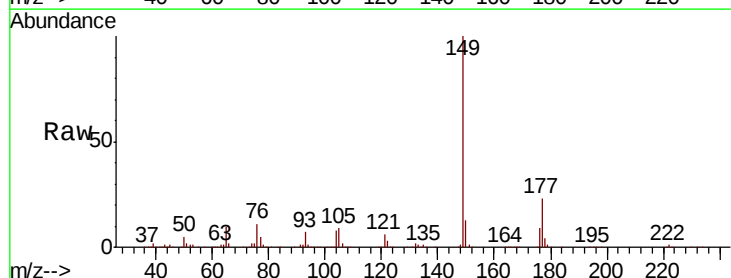


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

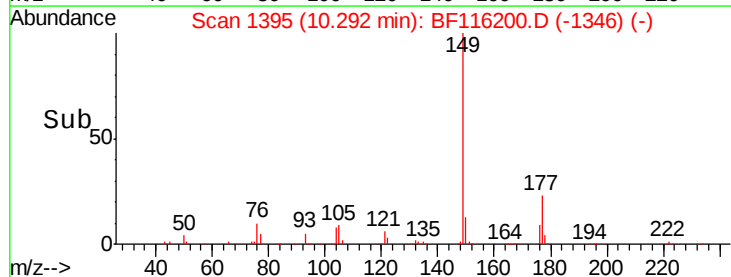
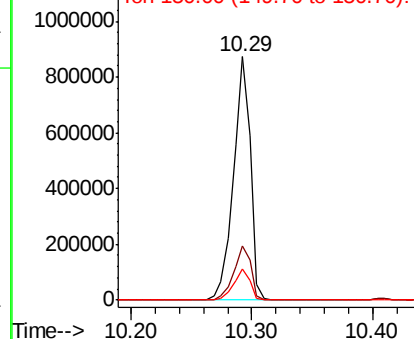


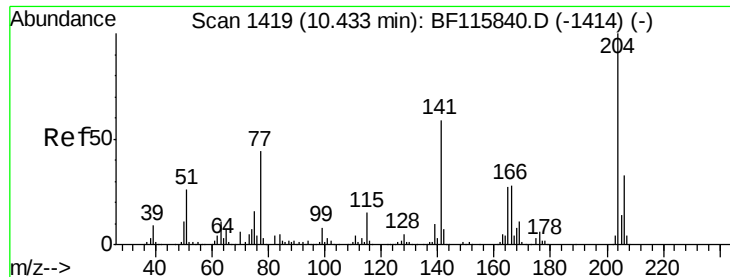
#60
Diethylphthalate
Concen: 51.632 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	843860		
177	22.5	18.8	28.2	
150	13.0	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





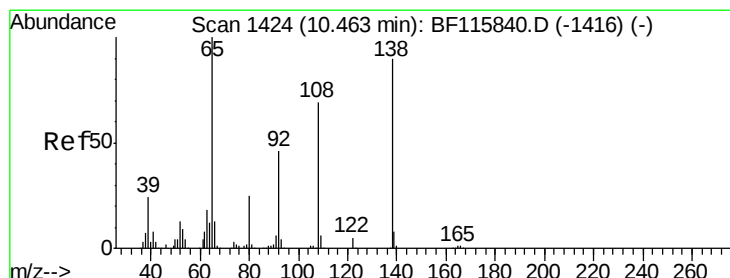
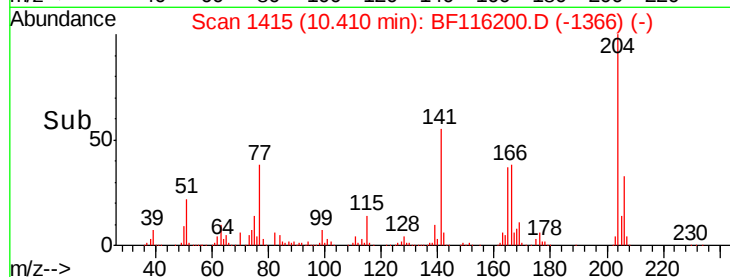
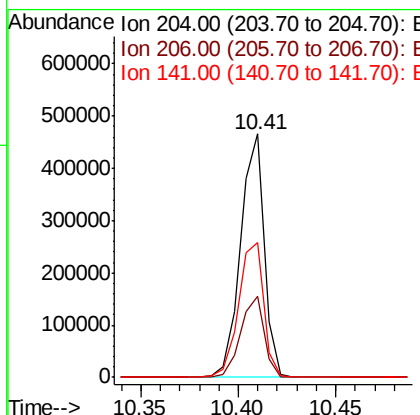
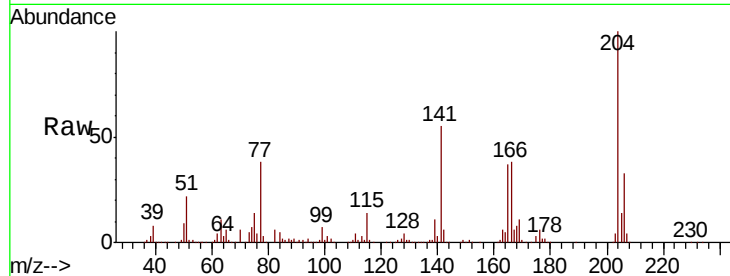
#61
4-Chlorophenyl-phenylether
Concen: 51.123 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.4	39.6
141	55.3	46.4	69.6

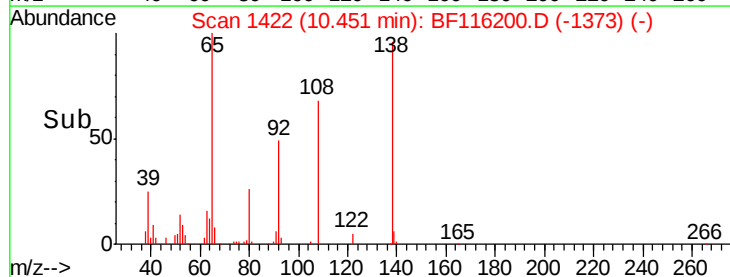
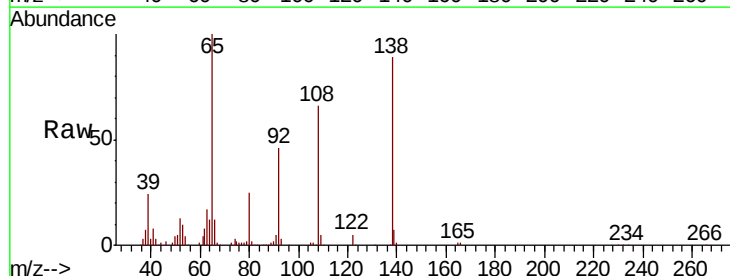
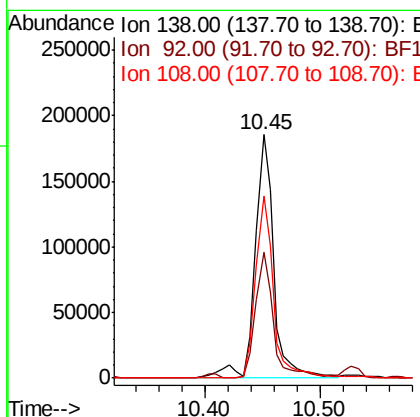
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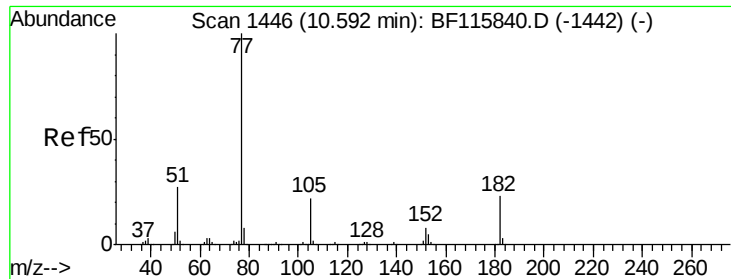
mohammad
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#62
4-Nitroaniline
Concen: 43.487 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	29.0	69.0
108	74.7	54.7	94.7





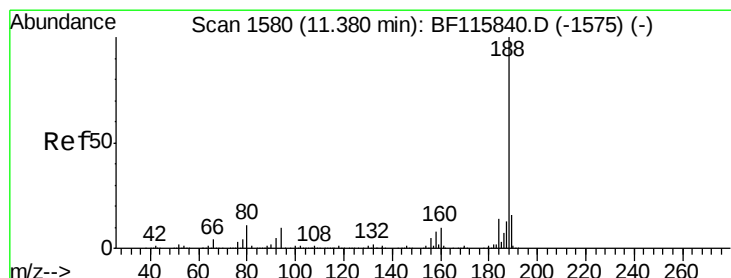
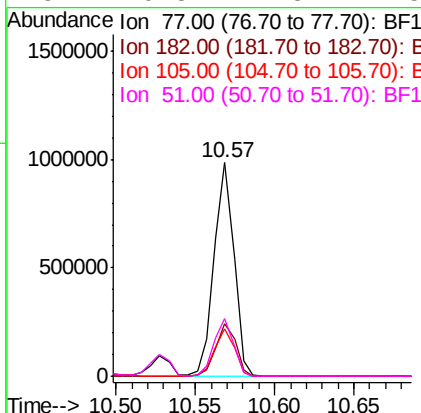
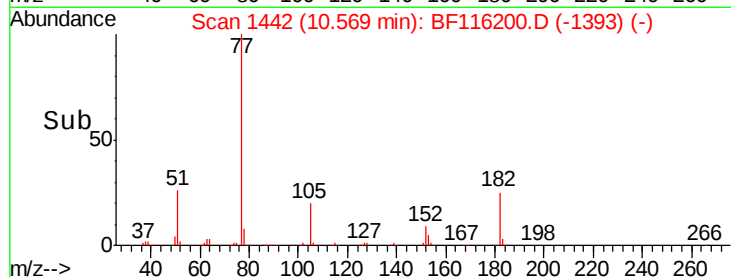
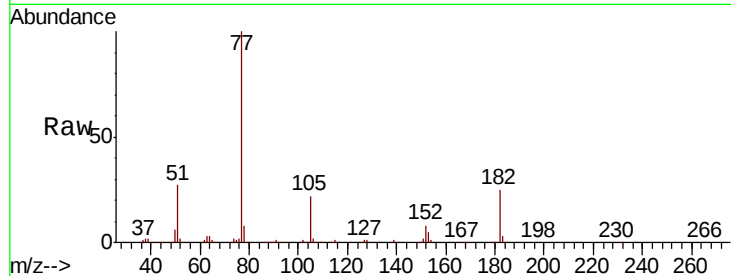
#63
Azobenzene
Concen: 51.134 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	24.5	4.0	44.0	
105	22.4	2.0	42.0	
51	26.8	7.5	47.5	

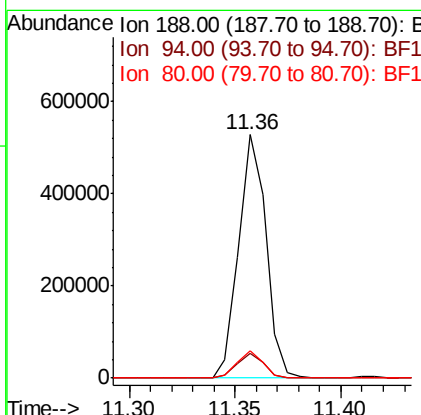
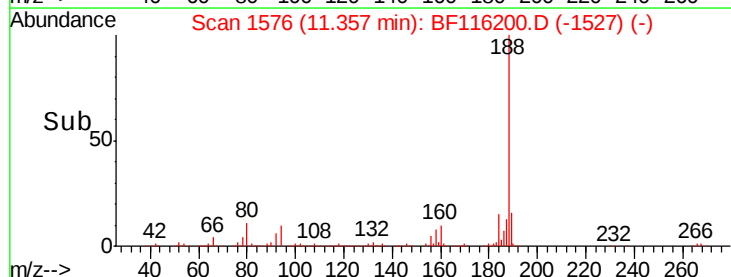
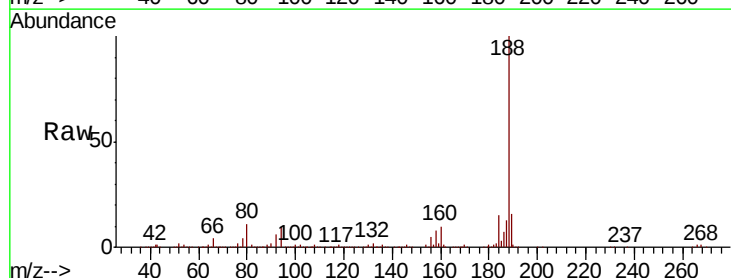
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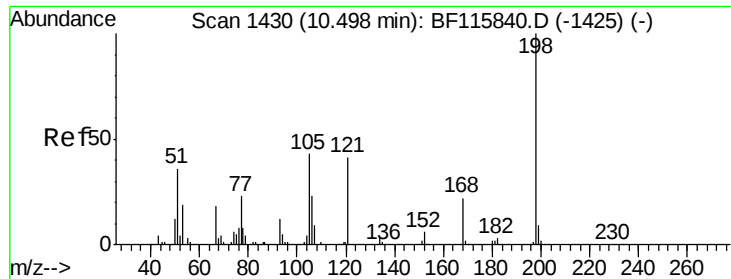
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.2	8.1	12.1	
80	11.2	8.7	13.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 45.090 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Instrument :

BNA_F

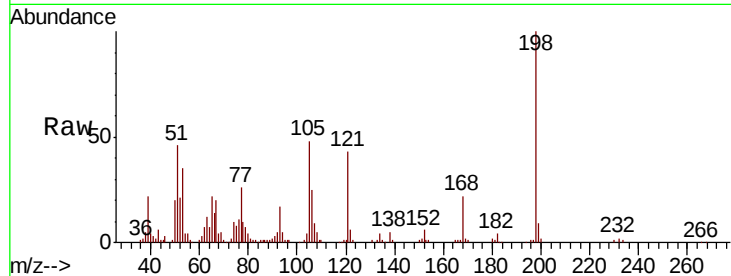
ClientSampleId :

HR-05-080919-AMS

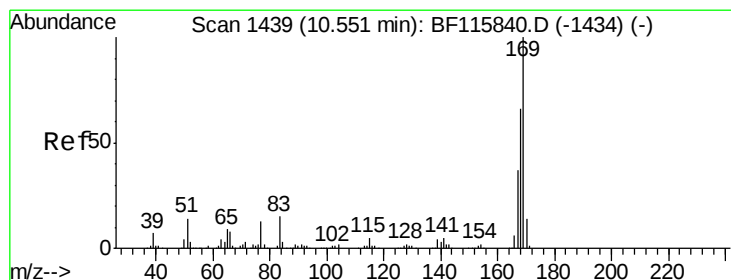
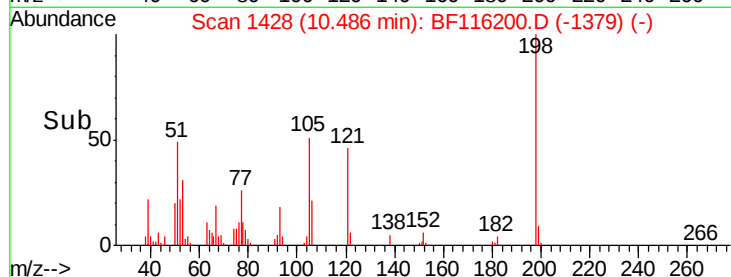
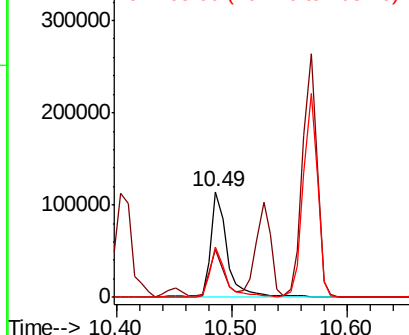
Tot Ion:	198	Resp:	113250
Ion Ratio	Lower	Upper	
198	100		
51	45.6	17.0	57.0
105	47.5	21.6	61.6

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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: 48.152 ng

RT: 10.53 min Scan# 1435

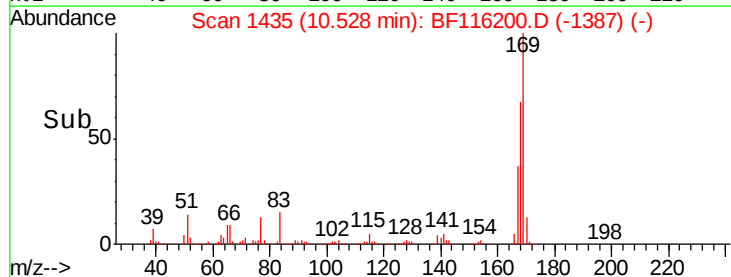
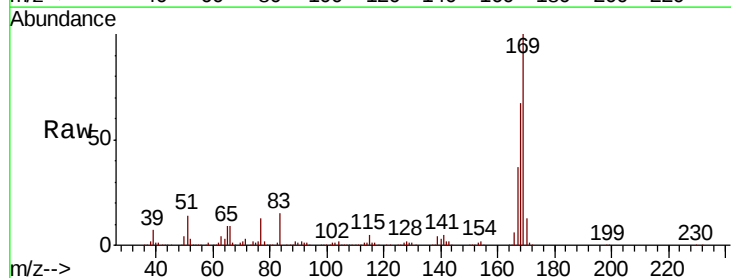
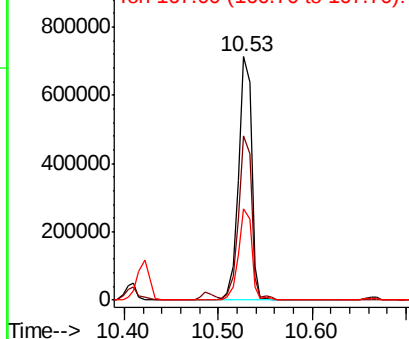
Delta R.T. -0.02 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Tgt Ion:	169	Resp:	686904
Ion Ratio	Lower	Upper	
169	100		
168	67.5	53.8	80.6
167	37.4	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





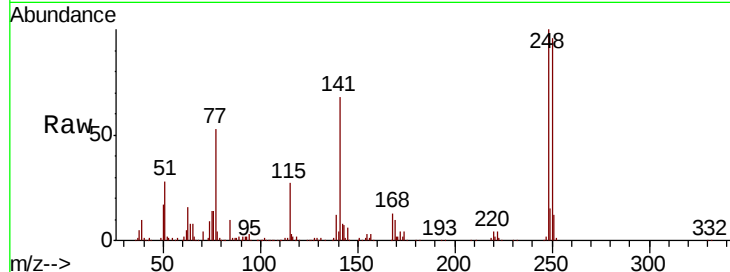
#67
 4-Bromophenyl-phenylether
 Concen: 47.979 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BF116200.D
 Acq: 12 Aug 2019 20:31

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMS

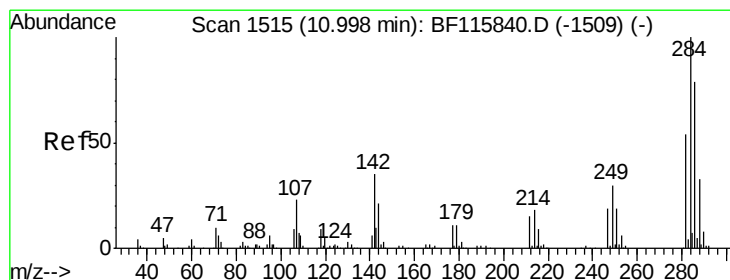
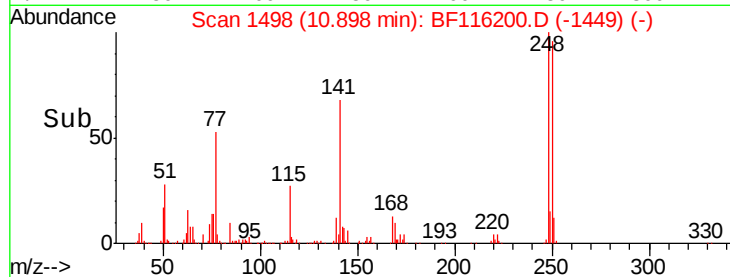
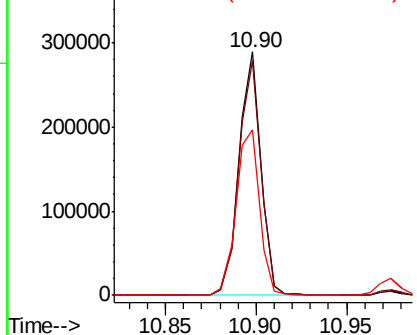
Tot Ion:	248	Resp:	243428
Ion Ratio	Lower	Upper	
248	100		
250	96.4	77.4	116.2
141	67.8	56.8	85.2

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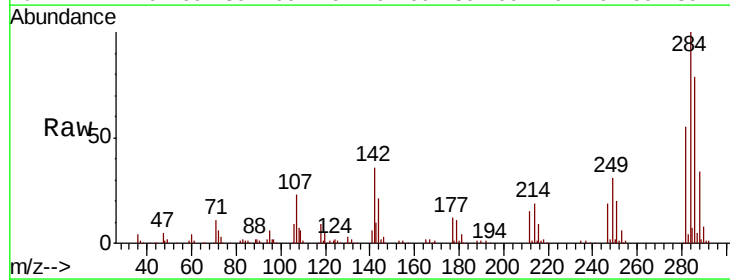


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

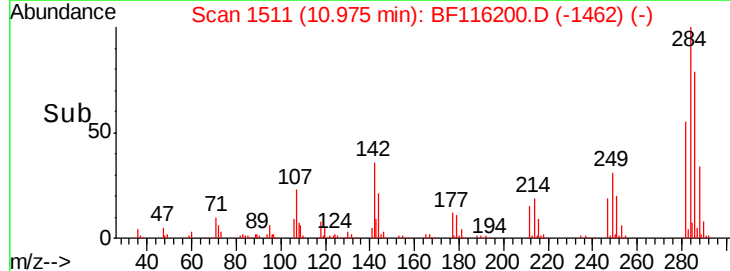
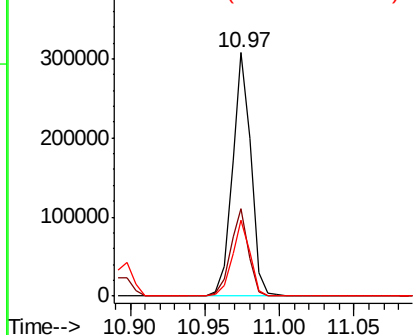


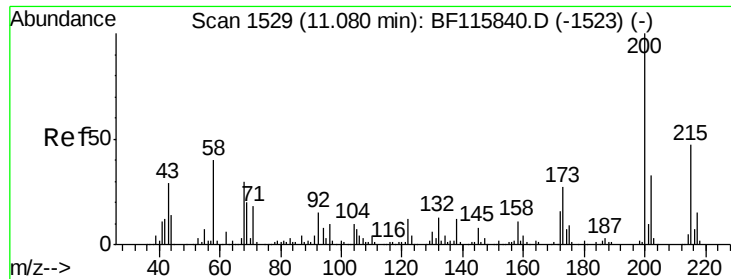
#68
 Hexachlorobenzene
 Concen: 45.709 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF116200.D
 Acq: 12 Aug 2019 20:31

Tgt Ion:	284	Resp:	268171
Ion Ratio	Lower	Upper	
284	100		
142	35.8	28.4	42.6
249	31.1	24.5	36.7



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





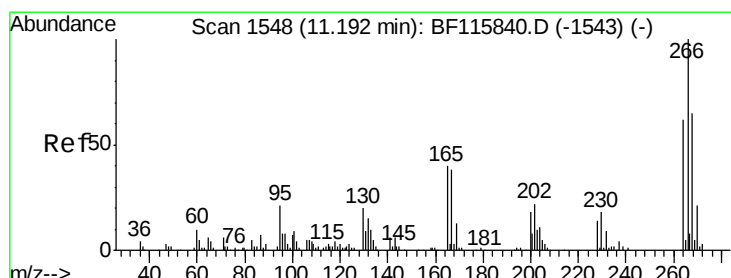
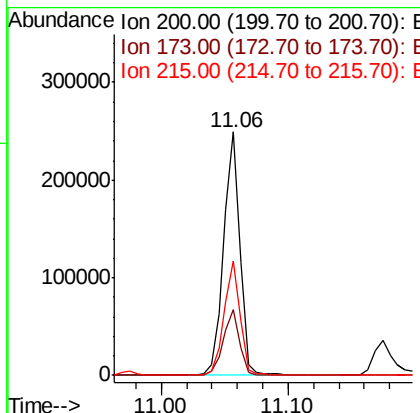
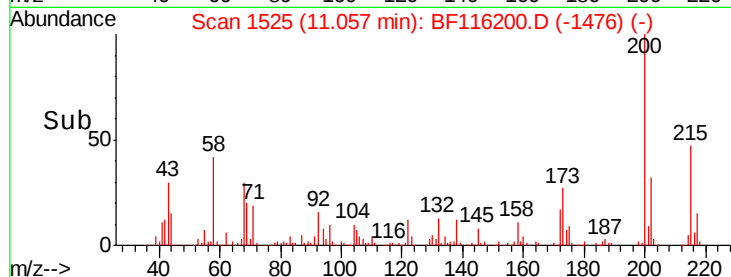
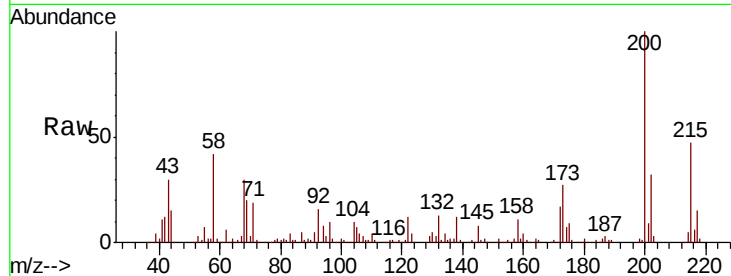
#69
 Atrazine
 Concen: 47.744 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. -0.01 min
 Lab File: BF116200.D
 Acq: 12 Aug 2019 20:31

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	224064		
173	27.0	6.8	46.8	
215	46.8	27.5	67.5	

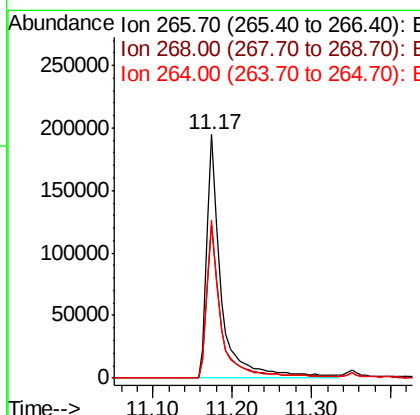
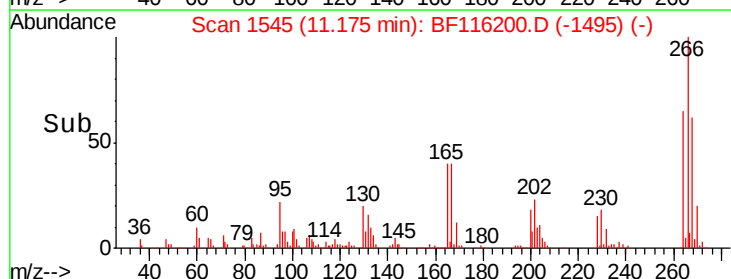
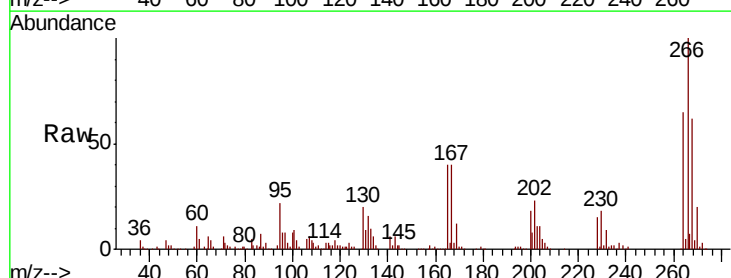
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#70
 Pentachlorophenol
 Concen: 88.422 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. -0.01 min
 Lab File: BF116200.D
 Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	251857		
268	62.5	48.8	73.2	
264	64.7	50.6	76.0	





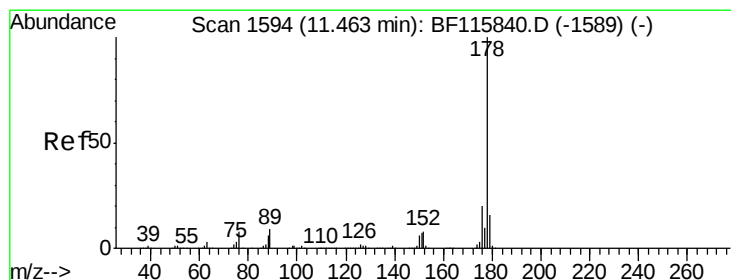
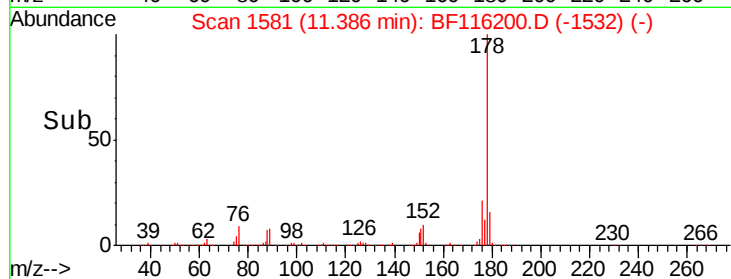
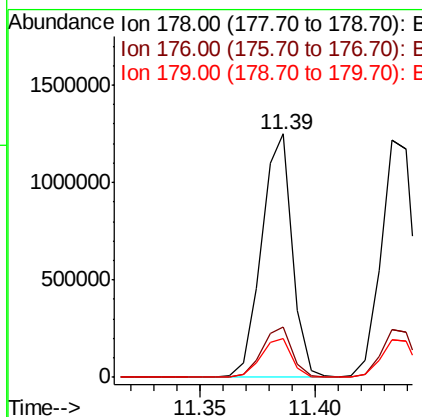
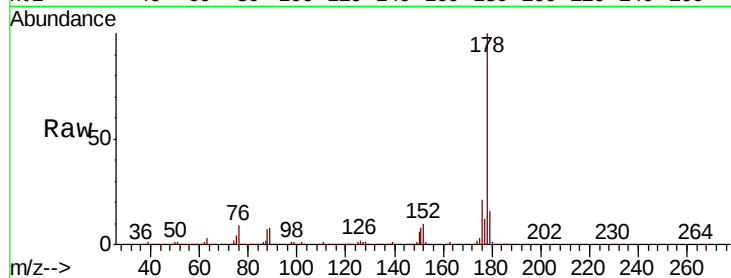
#71
Phenanthrene
Concen: 47.874 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

Tot Ion:178 Resp: 1159963
Ion Ratio Lower Upper
178 100
176 20.7 16.6 24.8
179 15.9 12.5 18.7

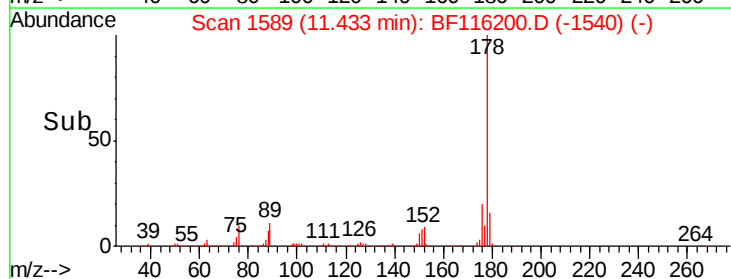
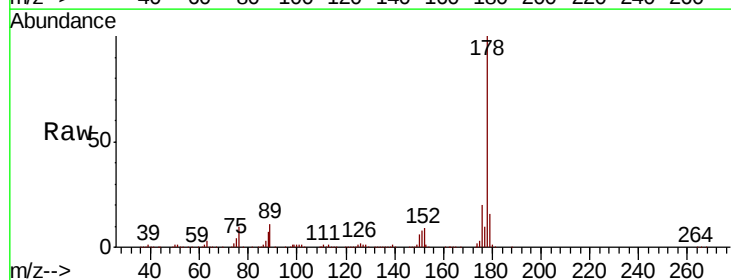
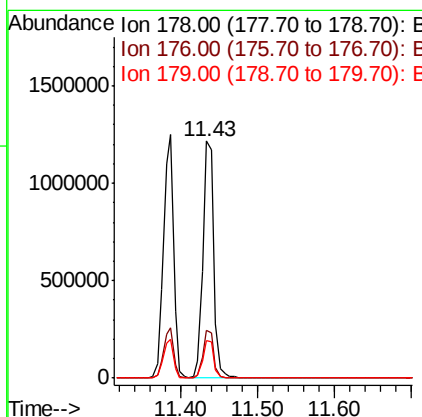
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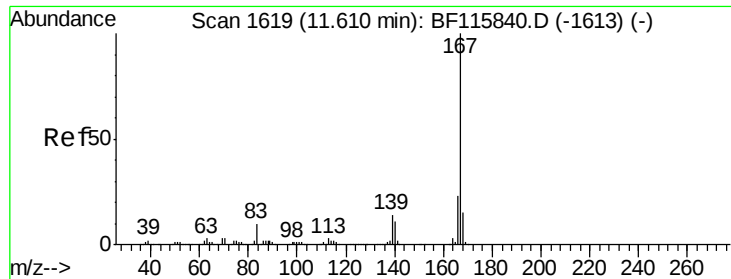
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#72
Anthracene
Concen: 49.285 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Tgt Ion:178 Resp: 1208537
Ion Ratio Lower Upper
178 100
176 20.0 15.7 23.5
179 16.1 13.0 19.6





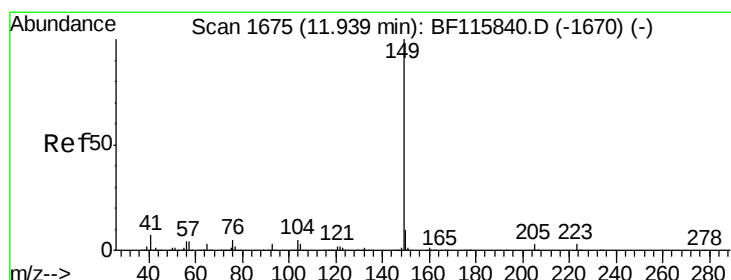
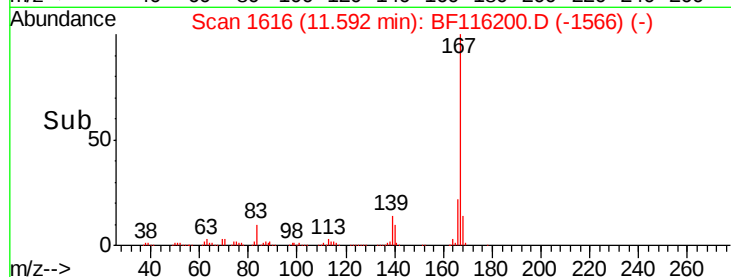
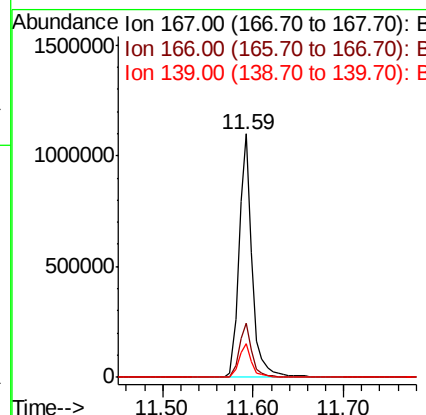
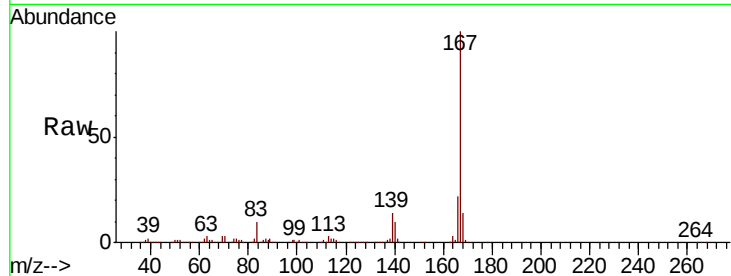
#73
 Carbazole
 Concen: 49.691 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF116200.D
 Acq: 12 Aug 2019 20:31

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.8	26.6
139	14.0	11.4	17.0

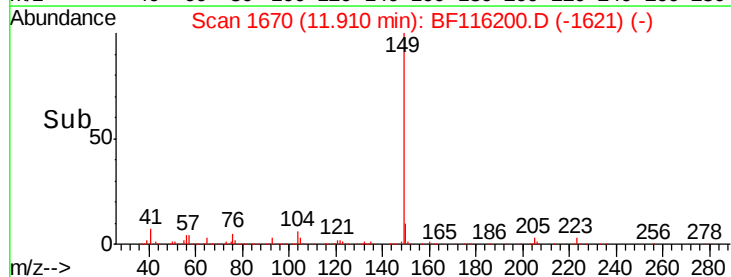
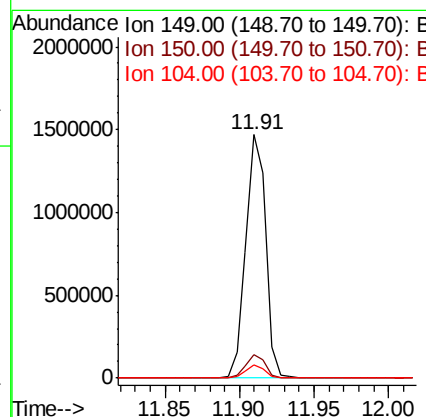
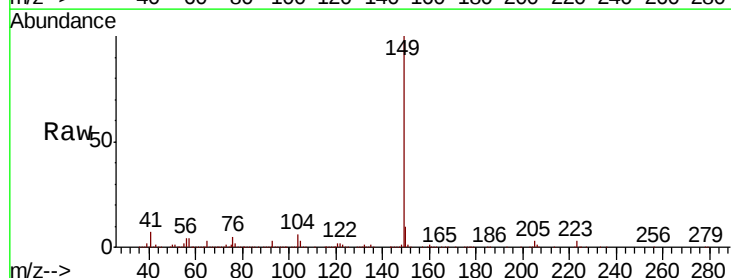
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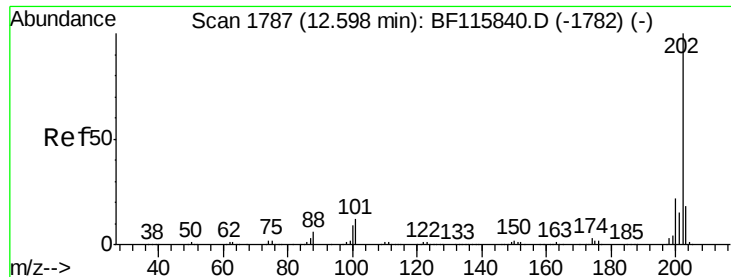
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#74
 Di-n-butylphthalate
 Concen: 52.561 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF116200.D
 Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.0	12.0
104	5.6	4.5	6.7





#75

Fluoranthene

Concen: 49.021 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Instrument :

BNA_F

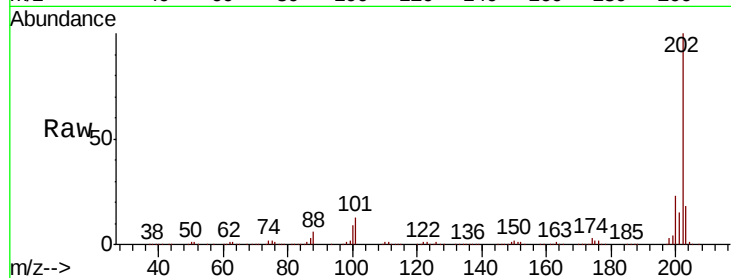
ClientSampleId :

HR-05-080919-AMS

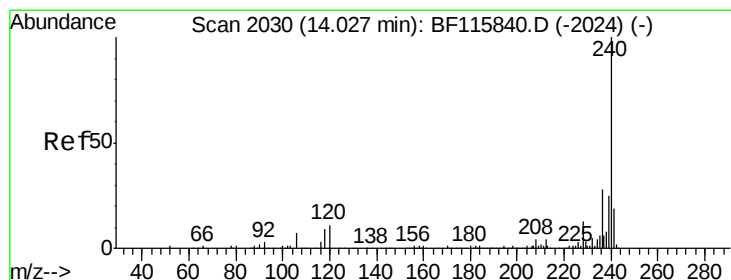
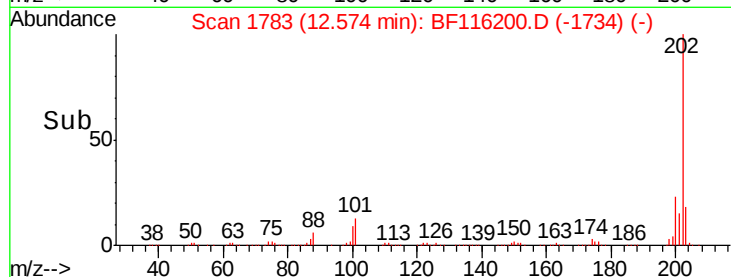
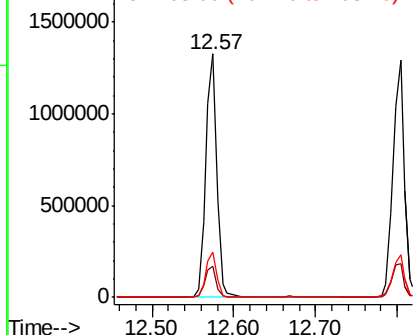
Tot Ion:	202	Resp:	1243461
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	31.2
203	18.5	0.0	37.8

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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

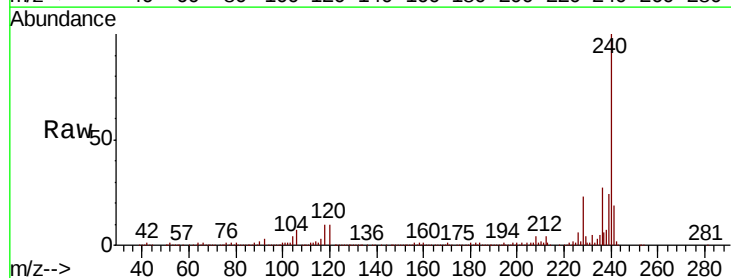
RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

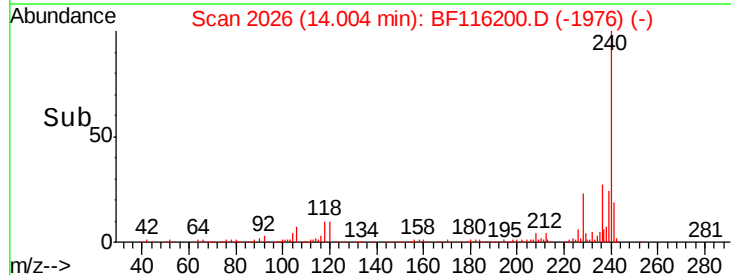
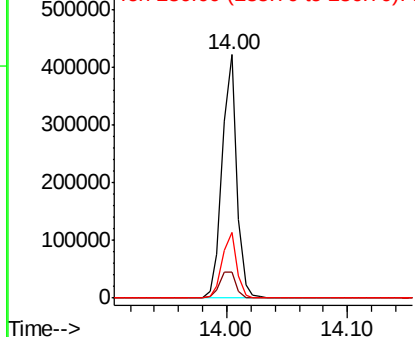
Lab File: BF116200.D

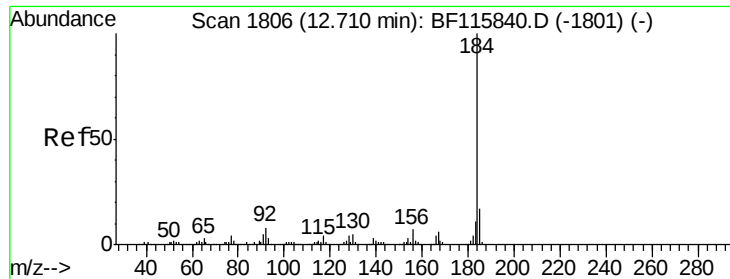
Acq: 12 Aug 2019 20:31

Tgt Ion:	240	Resp:	349999
Ion Ratio	Lower	Upper	
240	100		
120	10.5	10.7	16.1#
236	27.2	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





#77

Benzidine

Concen: 5.861 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Instrument :

BNA_F

ClientSampleId :

HR-05-080919-AMS

Tot Ion:184 Resp: 69299

Ion Ratio Lower Upper

184 100

185 19.5 12.8 19.2#

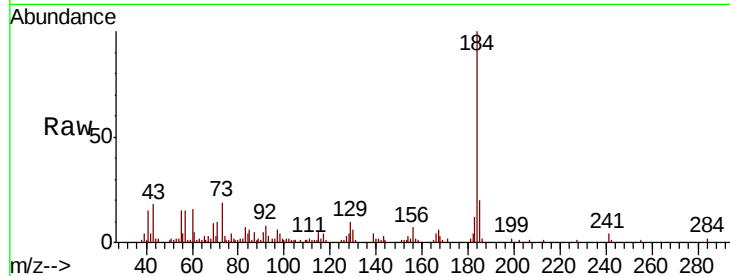
183 12.0 9.4 14.0

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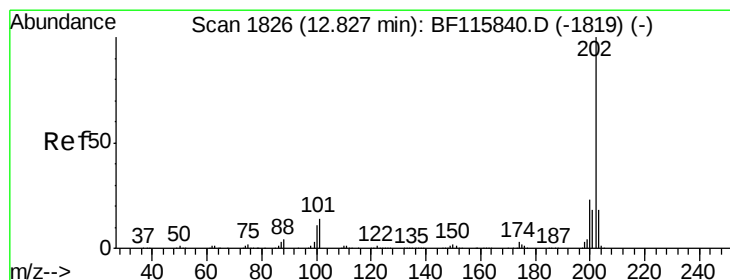
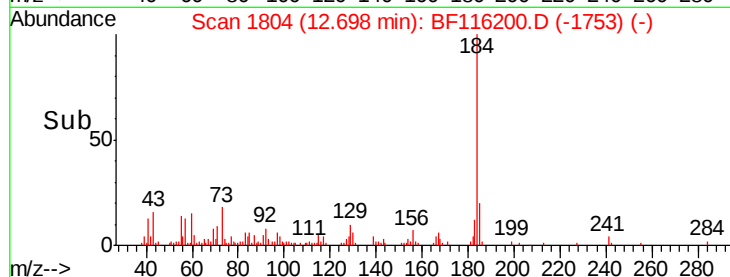
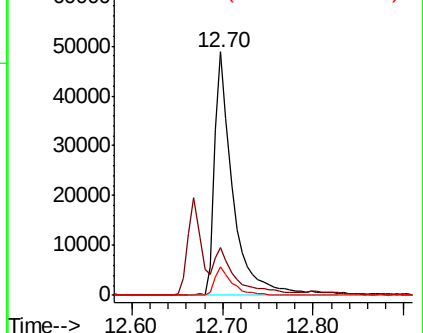
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.330 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

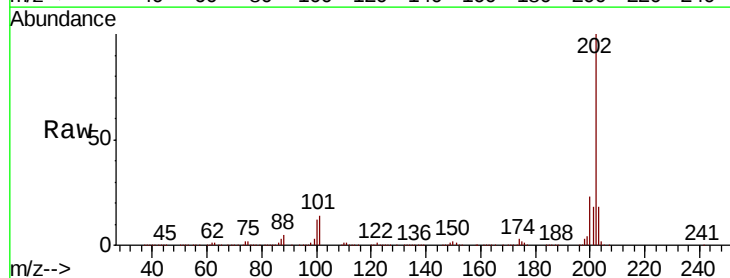
Tgt Ion:202 Resp: 1275102

Ion Ratio Lower Upper

202 100

200 22.9 18.0 27.0

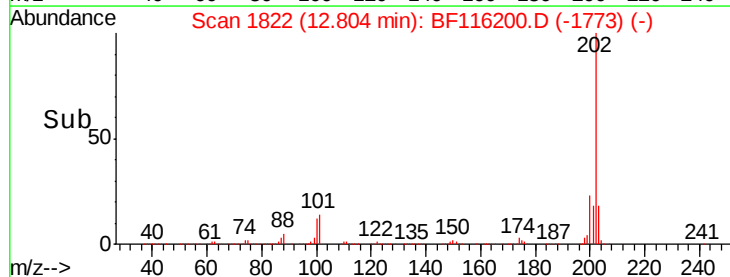
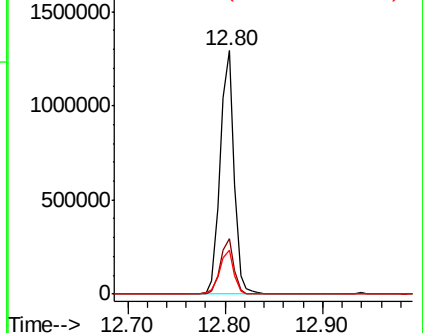
203 18.0 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





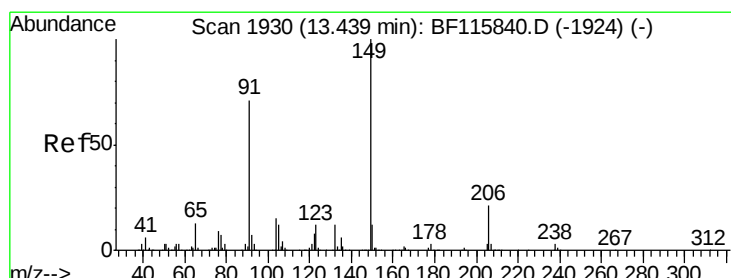
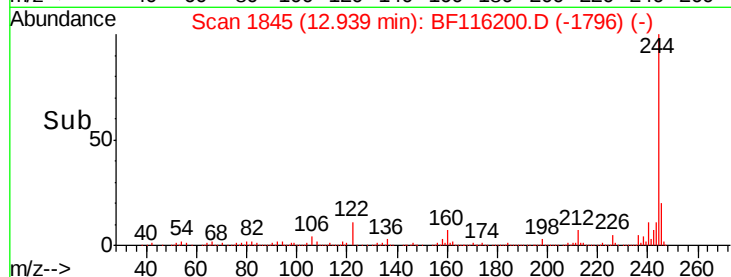
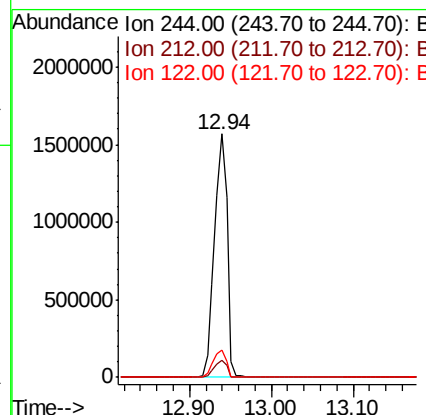
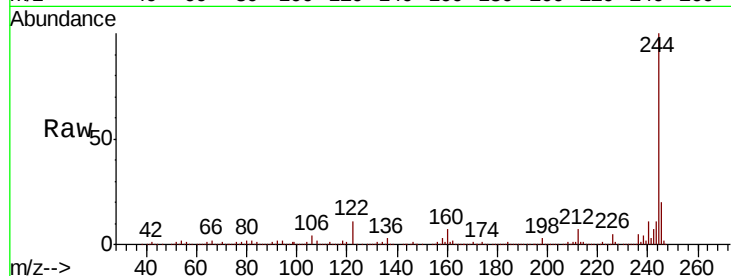
#79
 Terphenyl-d14
 Concen: 102.280 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116200.D
 Acq: 12 Aug 2019 20:31

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.3	9.0	13.4

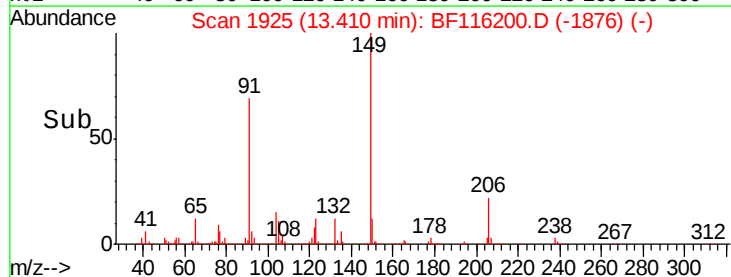
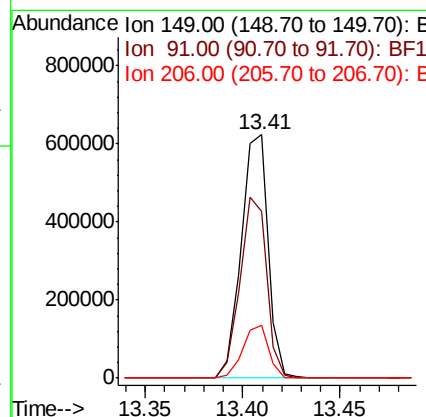
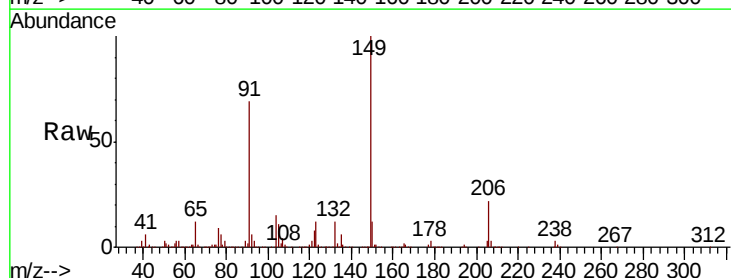
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#80
 Butylbenzylphthalate
 Concen: 53.553 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF116200.D
 Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.6	56.3	84.5
206	21.8	18.0	27.0





#81

Benzo(a)anthracene

Concen: 47.750 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116200.D

Acq: 12 Aug 2019 20:31

Instrument :

BNA_F

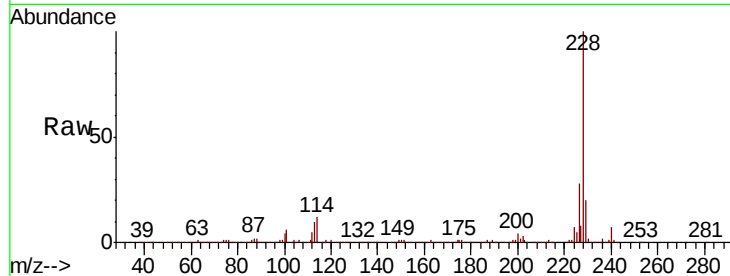
ClientSampleId :

HR-05-080919-AMS

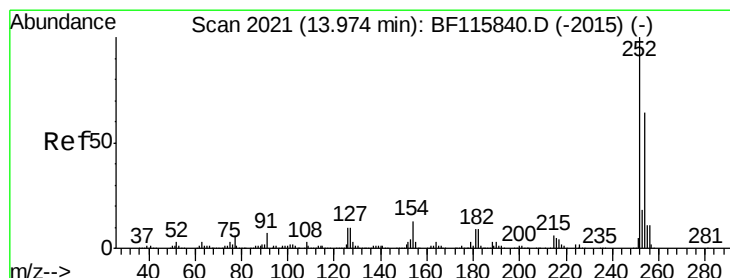
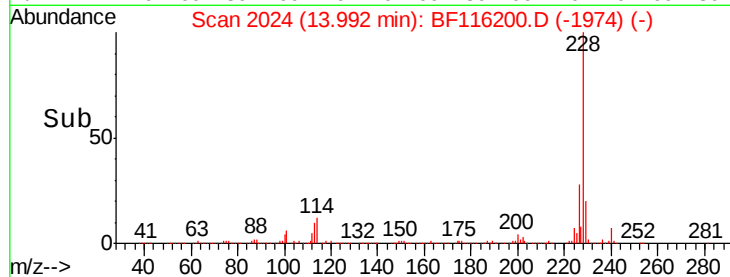
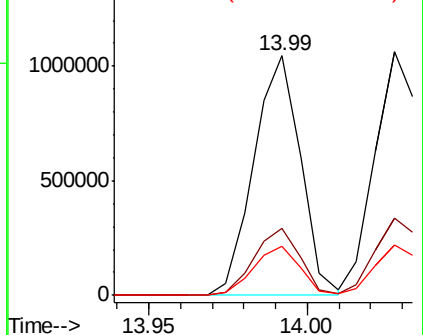
Tot Ion:	228	Resp:	1068205
Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.7	34.1
229	20.4	16.2	24.4

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



#82

3,3'-Dichlorobenzidine

Concen: 16.291 ng

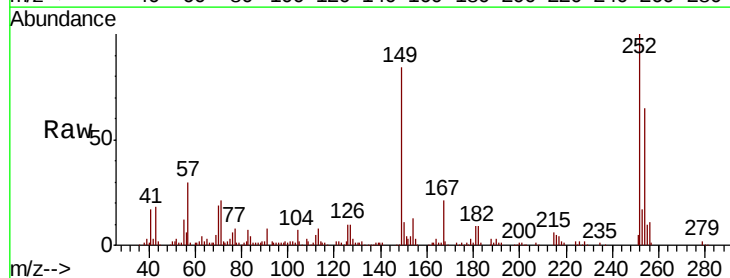
RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

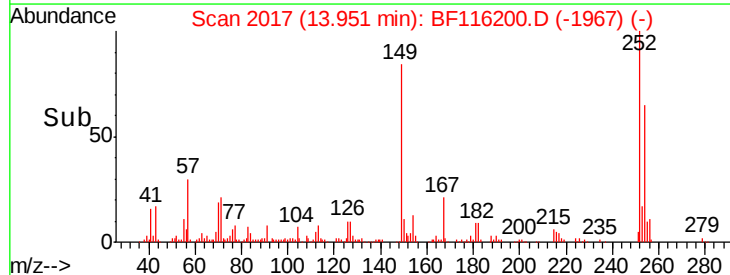
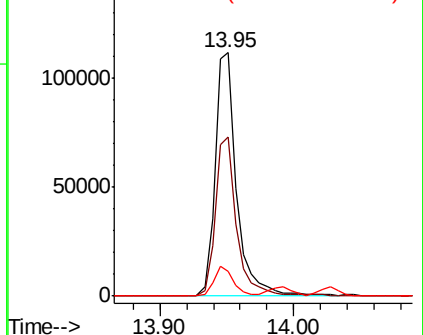
Lab File: BF116200.D

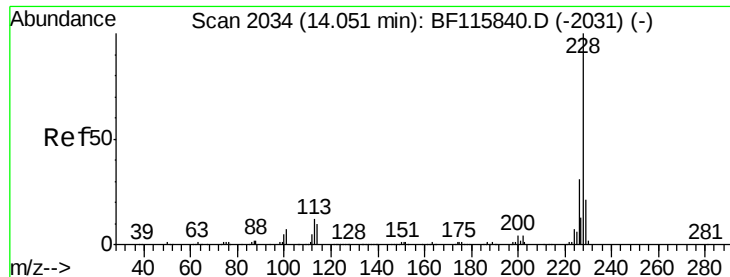
Acq: 12 Aug 2019 20:31

Tgt Ion:	252	Resp:	126617
Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.9	76.3
126	10.1	9.8	14.8



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





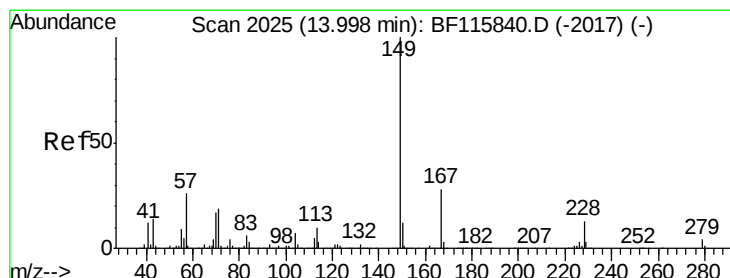
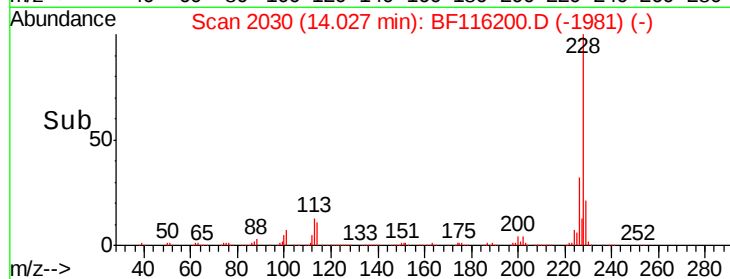
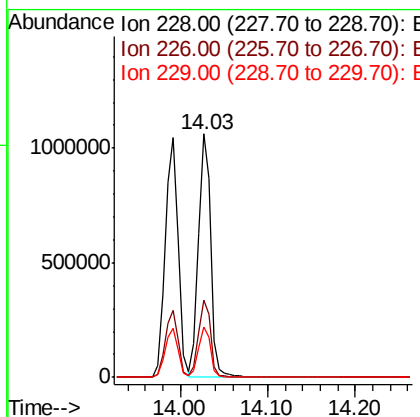
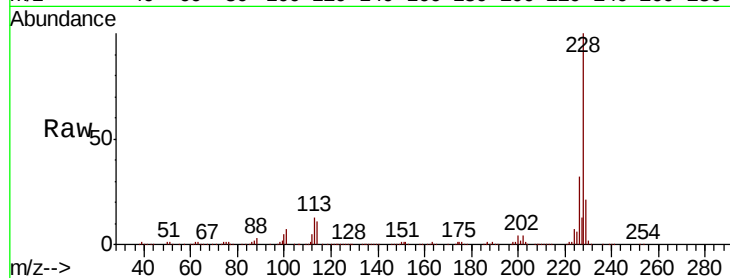
#83
 Chrvsene
 Concen: 47.969 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF116200.D
 Acq: 12 Aug 2019 20:31

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-080919-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.5	38.3
229	20.9	16.6	24.8

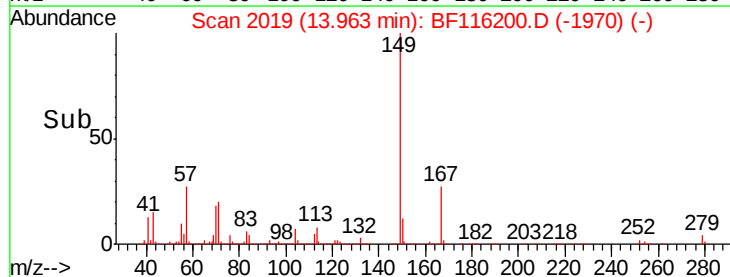
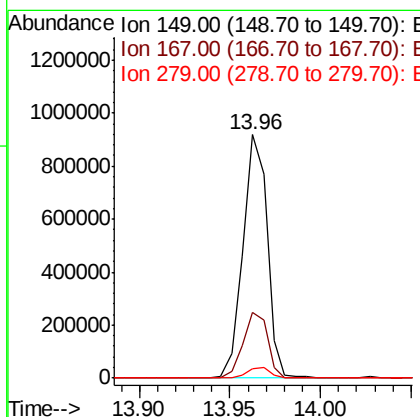
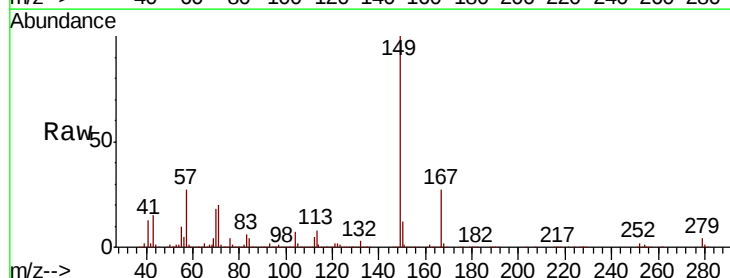
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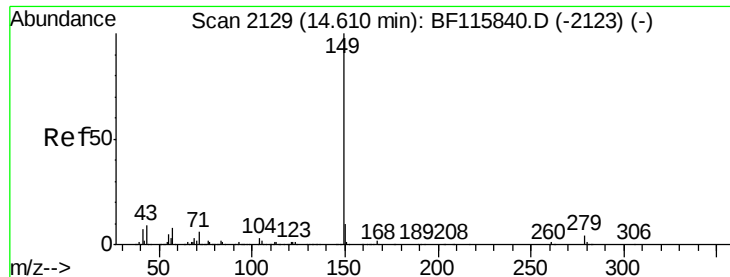
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 58.974 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BF116200.D
 Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.6	32.4
279	3.8	3.0	4.4





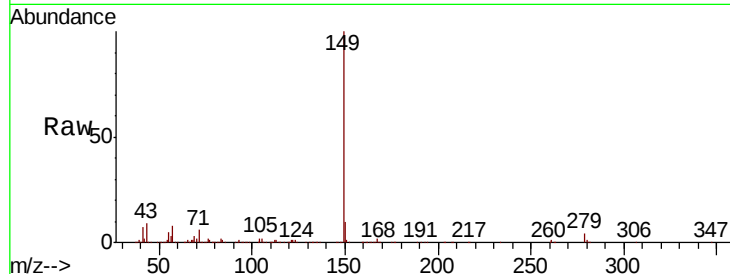
#85
Di-n-octyl phthalate
Concen: 58.498 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

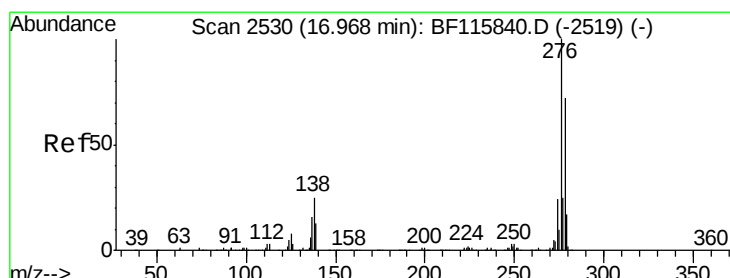
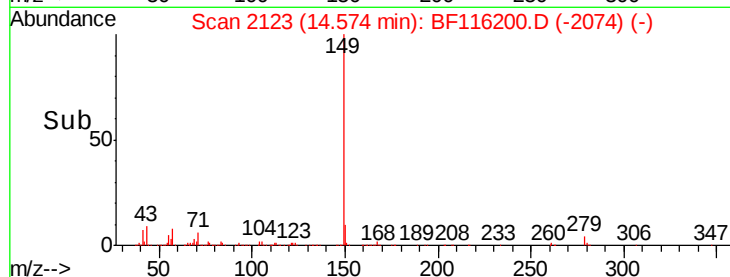
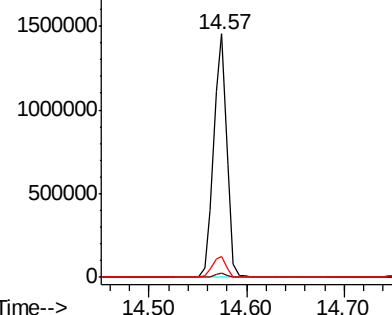
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.0	7.5	11.3

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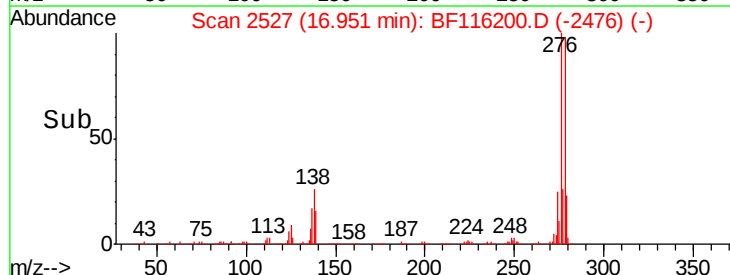
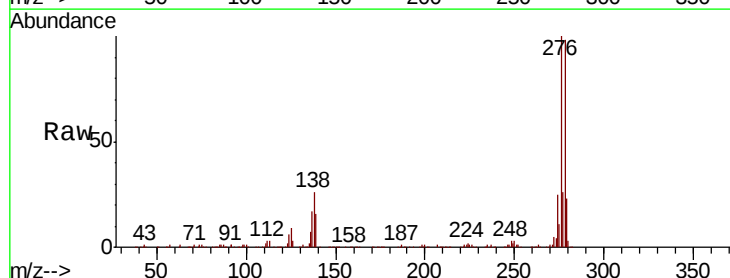
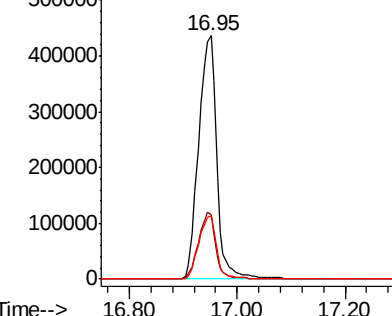
Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

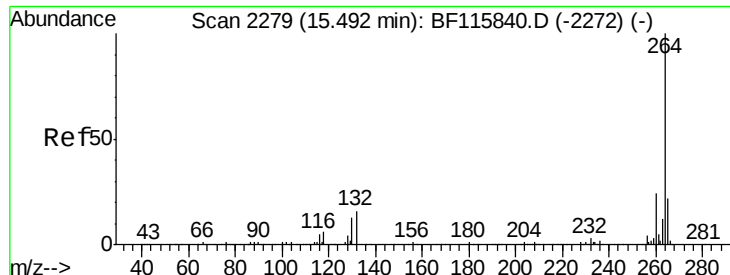


#86
Indeno(1,2,3-cd)pyrene
Concen: 56.243 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.4	30.6
277	25.4	20.0	30.0

Abundance Ion 276.00 (275.70 to 276.70): E
600000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





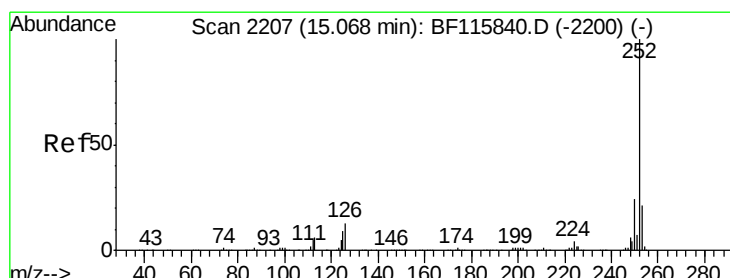
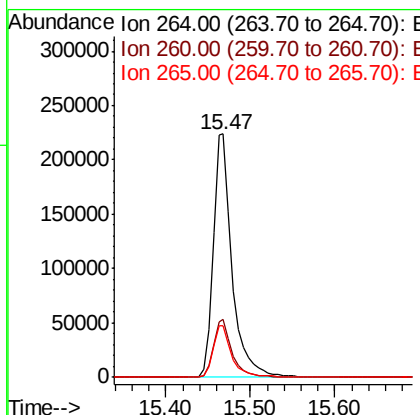
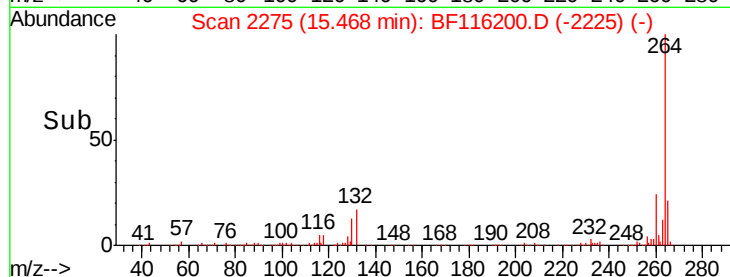
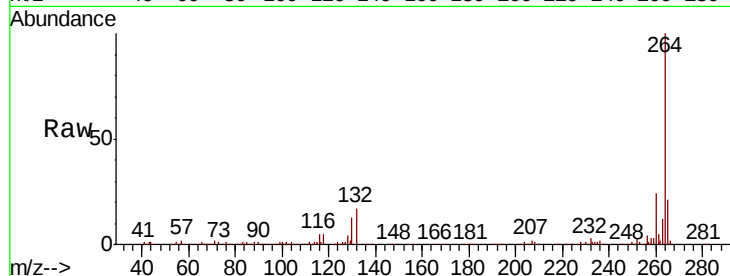
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.7	29.5
265	21.4	17.4	26.0

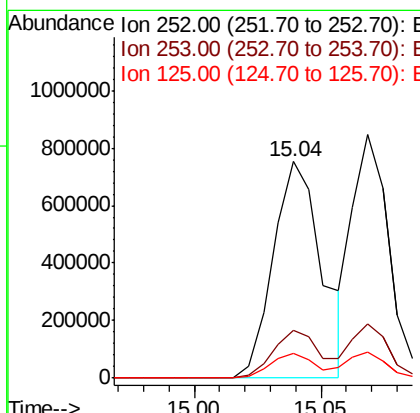
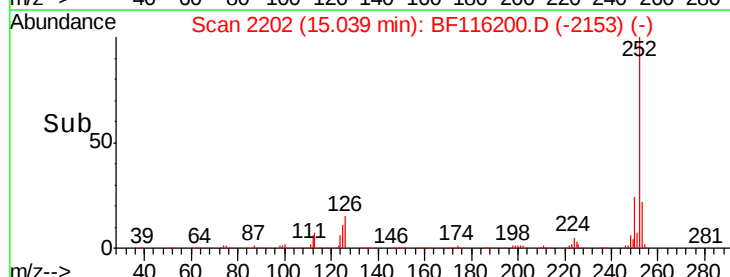
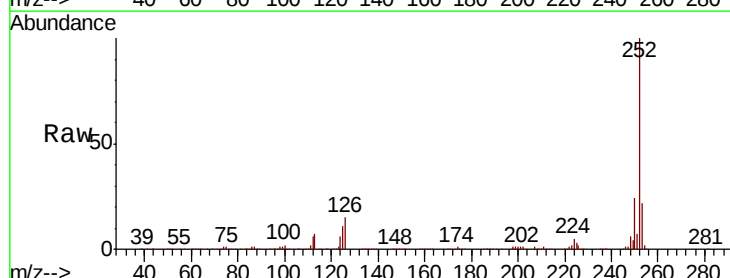
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#88
Benzo(b)fluoranthene
Concen: 49.200 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	11.2	8.4	12.6





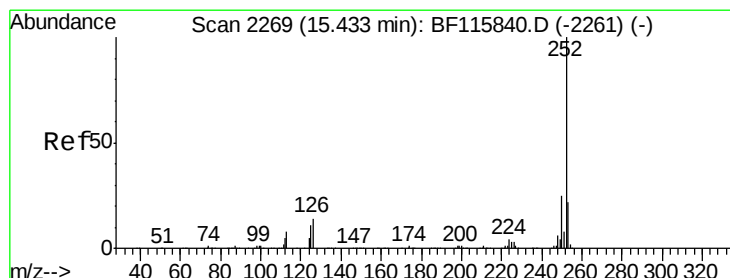
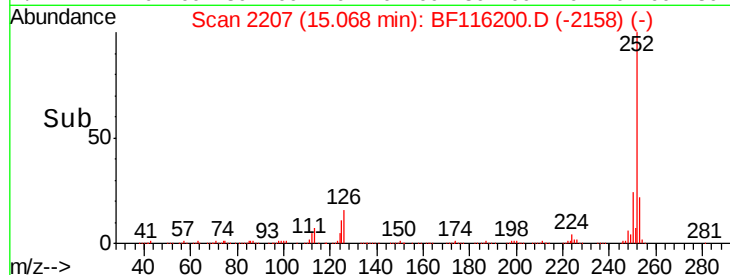
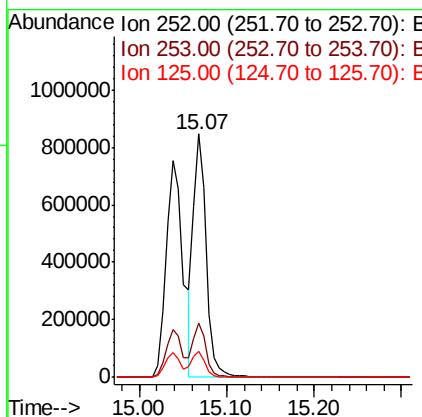
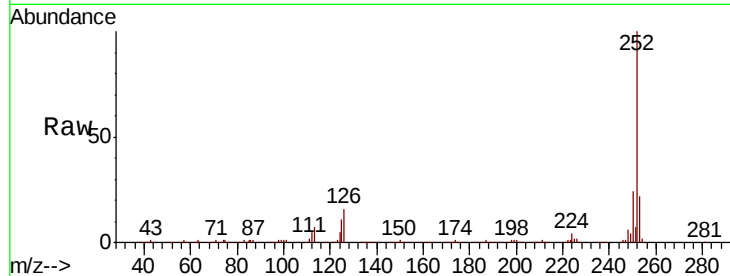
#89
Benzo(k)fluoranthene
Concen: 44.026 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	10.9	7.7	11.5

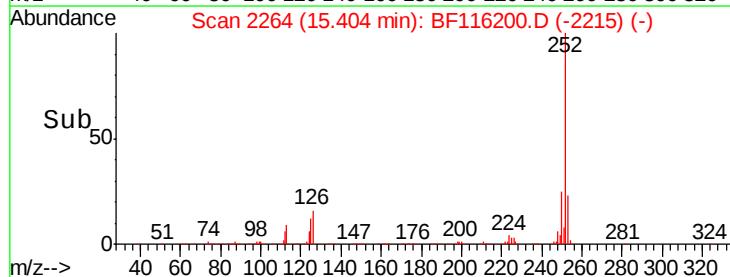
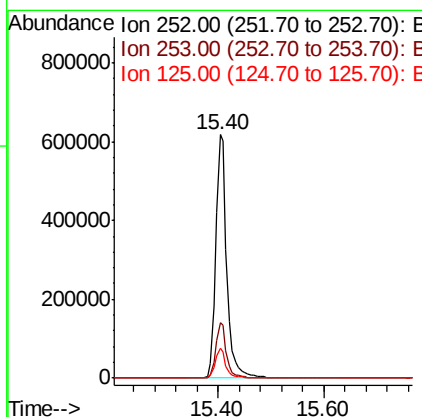
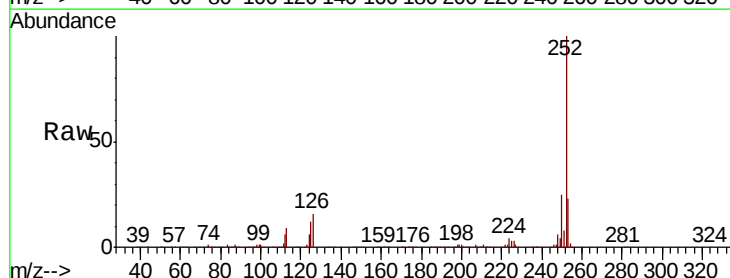
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#90
Benzo(a)pyrene
Concen: 49.615 ng
RT: 15.40 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	12.4	8.9	13.3





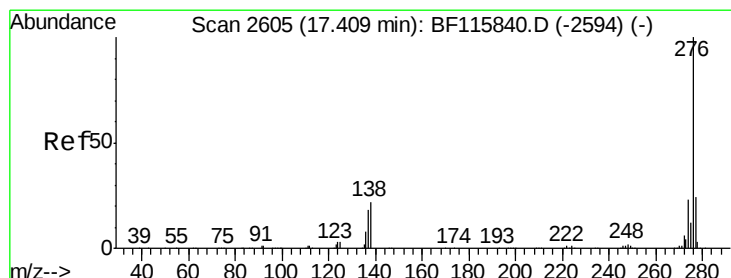
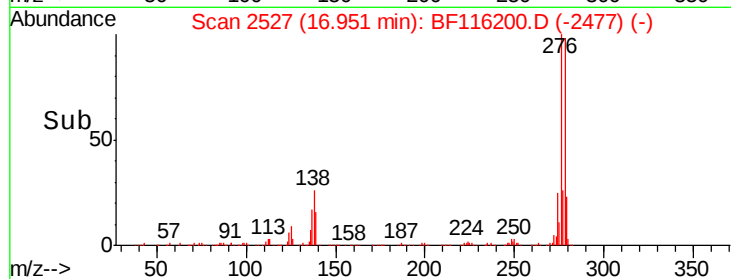
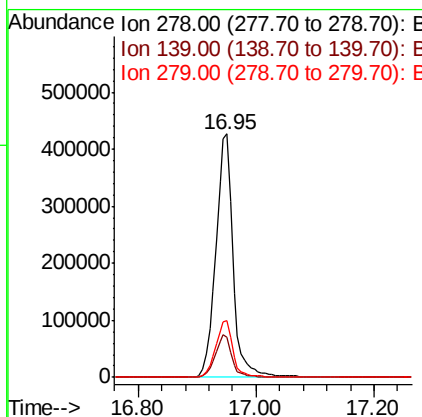
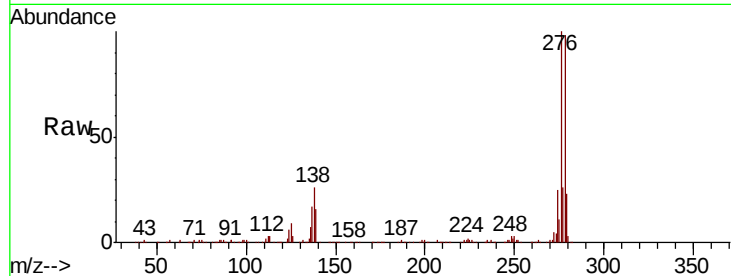
#91
Dibenzo(a,h)anthracene
Concen: 54.644 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.01 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Instrument :
BNA_F
ClientSampleId :
HR-05-080919-AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.8	19.2
279	23.4	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 56.403 ng
RT: 17.39 min Scan# 2601
Delta R.T. 0.00 min
Lab File: BF116200.D
Acq: 12 Aug 2019 20:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	22.6	17.0	25.6

