

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117120.D
 Acq On : 17 Sep 2019 21:17
 Operator : HP/JU
 Sample : K4661-06MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319MS

Manual Integrations
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mohammad
 9/19/2019 4:45:18 PM

Quant Time: Sep 18 12:07:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	62337	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	239818	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	124576	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	209740	20.00	ng	0.00
76) Chrysene-d12	13.97	240	141780	20.00	ng	0.00
87) Perylene-d12	15.42	264	120191	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	517692	129.66	ng	0.02
7) Phenol-d6	6.47	99	638634	123.76	ng	0.01
23) Nitrobenzene-d5	7.39	82	470347	103.05	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	167510	160.89	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	827554	103.87	ng	0.00
79) Terphenyl-d14	12.92	244	823043	108.51	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.71	88	68673	41.103	ng	# 85
3) Pyridine	3.45	79	92210	20.164	ng	97
4) n-Nitrosodimethylamine	3.36	42	70512	44.930	ng	97
6) Aniline	6.49	93	65587	9.872	ng	# 80
8) 2-Chlorophenol	6.62	128	210584	48.889	ng	98
9) Benzaldehyde	6.37	77	55186	15.661	ng	95
10) Phenol	6.48	94	230507	40.521	ng	93
11) bis(2-Chloroethyl)ether	6.56	93	202507	48.436	ng	98
12) 1,3-Dichlorobenzene	6.77	146	209135	43.268	ng	97
13) 1,4-Dichlorobenzene	6.84	146	215408	43.670	ng	98
14) 1,2-Dichlorobenzene	7.00	146	204365	44.500	ng	97
15) Benzyl Alcohol	6.97	79	193499	48.900	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	189571	45.894	ng	87
17) 2-Methylphenol	7.09	107	173347	48.018	ng	95
18) Hexachloroethane	7.33	117	83405	43.953	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	155054	49.347	ng	96
20) 3+4-Methylphenols	7.24	107	219945	48.913	ng	# 81
22) Acetophenone	7.23	105	317323	52.080	ng	98
24) Nitrobenzene	7.40	77	241527	53.585	ng	99
25) Isophorone	7.65	82	432483	53.516	ng	100
26) 2-Nitrophenol	7.72	139	108061	55.814	ng	97
27) 2,4-Dimethylphenol	7.76	122	184720	60.165	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	257442	51.705	ng	99
29) 2,4-Dichlorophenol	7.97	162	178331	55.433	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	170139	48.952	ng	96
31) Naphthalene	8.13	128	616177	53.424	ng	99
32) Benzoic acid	7.89	122	54258	26.783	ng	97
33) 4-Chloroaniline	8.18	127	21896	4.280	ng	97
34) Hexachlorobutadiene	8.24	225	98013	49.705	ng	99
35) Caprolactam	8.55	113	43411m	39.867	ng	
36) 4-Chloro-3-methylphenol	8.66	107	208043	55.461	ng	98
37) 2-Methylnaphthalene	8.82	142	420093	54.089	ng	99
38) 1-Methylnaphthalene	8.92	142	392401	53.944	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	164981	51.286	ng	98

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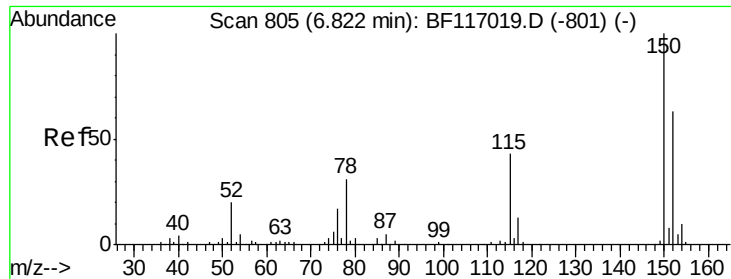
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	131566	91.297	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	117167	53.671	nq	98
44) 2,4,5-Trichlorophenol	9.14	196	126506	54.238	nq	96
46) 1,1'-Biphenyl	9.27	154	509802	52.171	nq	99
47) 2-Chloronaphthalene	9.30	162	399760	51.836	nq	99
48) 2-Nitroaniline	9.40	65	130003	52.556	nq	94
49) Acenaphthylene	9.72	152	632887	54.781	nq	100
50) Dimethylphthalate	9.57	163	484475	54.925	nq	100
51) 2,6-Dinitrotoluene	9.64	165	103454	57.587	nq	93
52) Acenaphthene	9.89	154	362330	52.907	nq	99
53) 3-Nitroaniline	9.81	138	40366	17.809	nq	99
54) 2,4-Dinitrophenol	9.92	184	59181	76.718	nq	97
55) Dibenzofuran	10.06	168	549429	54.375	nq	96
56) 4-Nitrophenol	9.99	139	138324	94.161	nq	93
57) 2,4-Dinitrotoluene	10.05	165	141701	60.766	nq	96
58) Fluorene	10.40	166	454911	55.890	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	99717	55.868	nq	99
60) Diethylphthalate	10.27	149	477094	54.978	nq	97
61) 4-Chlorophenyl-phenylether	10.39	204	191482	54.373	nq	97
62) 4-Nitroaniline	10.43	138	115287	48.909	nq	100
63) Azobenzene	10.55	77	485331	54.759	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	49249	51.025	nq	88
66) n-Nitrosodiphenylamine	10.51	169	392710	54.215	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	114462	53.438	nq	96
68) Hexachlorobenzene	10.95	284	121145	51.710	nq	# 92
69) Atrazine	11.03	200	94064	55.615	nq	98
70) Pentachlorophenol	11.15	266	122723	111.752	nq	97
71) Phenanthrene	11.36	178	643480	54.014	nq	99
72) Anthracene	11.41	178	670869	55.159	nq	98
73) Carbazole	11.57	167	629151	54.497	nq	99
74) Di-n-butylphthalate	11.89	149	760264	55.350	nq	99
75) Fluoranthene	12.54	202	652754	53.326	nq	99
77) Benzidine	12.67	184	1819m	0.398	nq	
78) Pyrene	12.77	202	651935	54.801	nq	99
80) Butylbenzylphthalate	13.38	149	317698	56.517	nq	98
81) Benzo(a)anthracene	13.96	228	497479	52.518	nq	100
82) 3,3'-Dichlorobenzidine	13.92	252	73926	24.218	nq	98
83) Chrysene	14.00	228	483324	52.315	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	428748	59.156	nq	99
85) Di-n-octyl phthalate	14.55	149	689527	60.445	nq	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	400846	59.471	nq	98
88) Benzo(b)fluoranthene	15.00	252	379487	52.124	nq	99
89) Benzo(k)fluoranthene	15.03	252	405235	58.759	nq	99
90) Benzo(a)pyrene	15.36	252	371012	58.073	nq	98
91) Dibenzo(a,h)anthracene	16.87	278	334699	65.764	nq	98
92) Benzo(g,h,i)perylene	17.29	276	330756	65.218	nq	96

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



#1

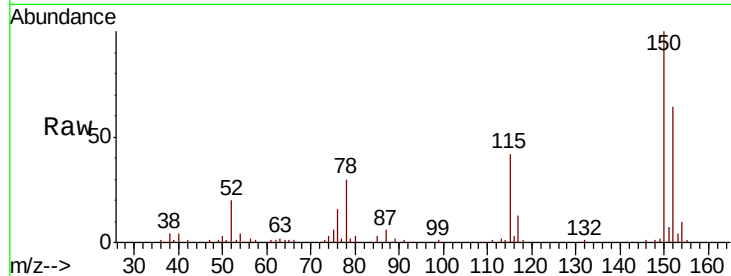
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
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ClientSampleId :
HD-02-091319MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	127.5	191.3
115	65.9	55.0	82.4

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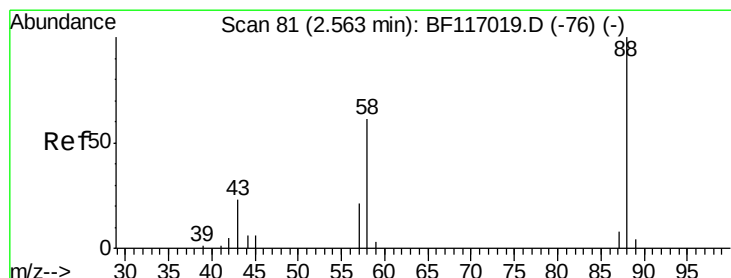
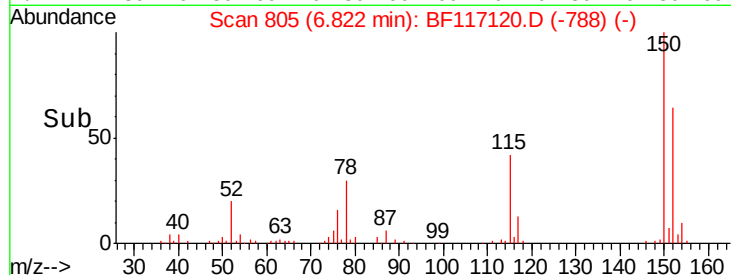
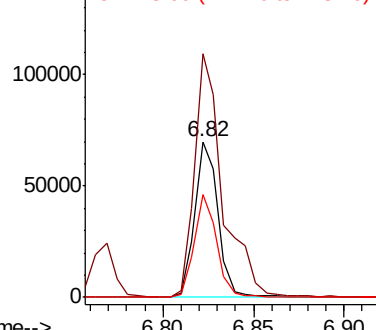


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

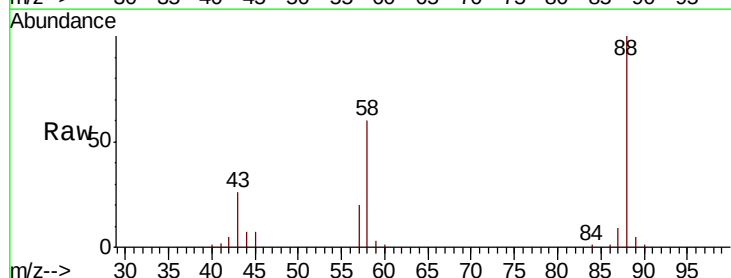
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.103 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.15 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.2	49.3	73.9
43	0.0	18.8	28.2

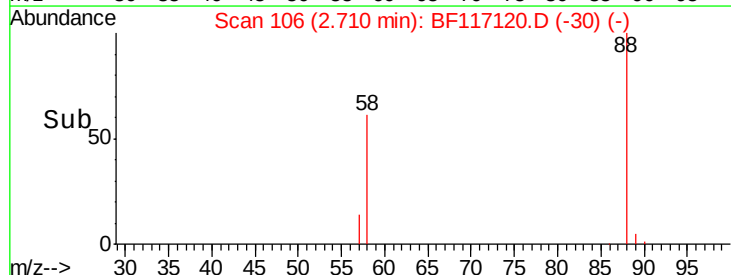
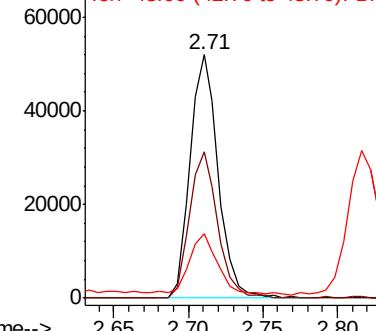


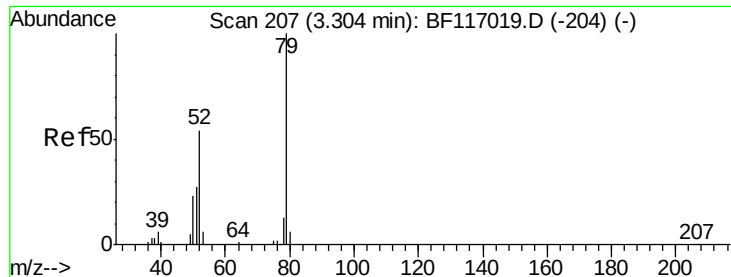
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 20.164 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.14 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

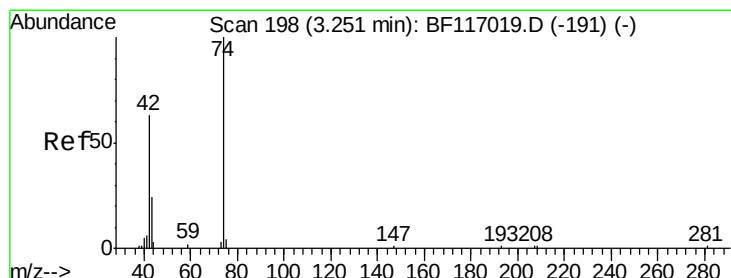
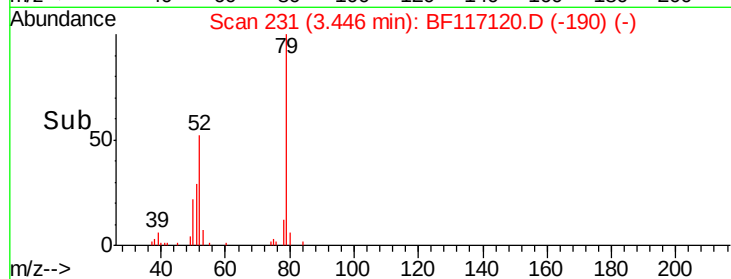
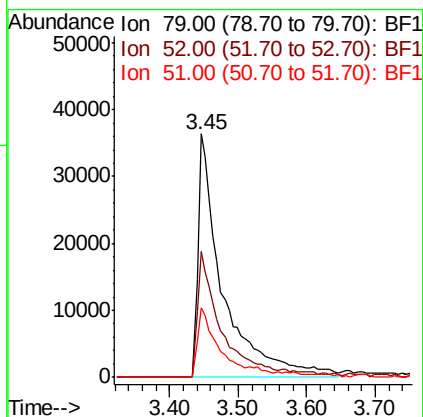
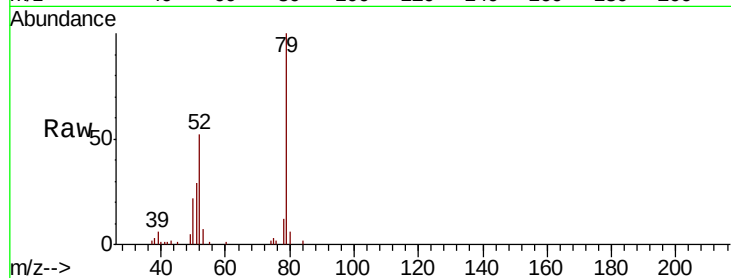
ClientSampleId :

HD-02-091319MS

Tot Ion:	79	Resp:	92210
Ion	Ratio	Lower	Upper
79	100		
52	51.8	43.5	65.3
51	28.6	21.8	32.6

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#4

n-Nitrosodimethylamine

Concen: 44.930 ng

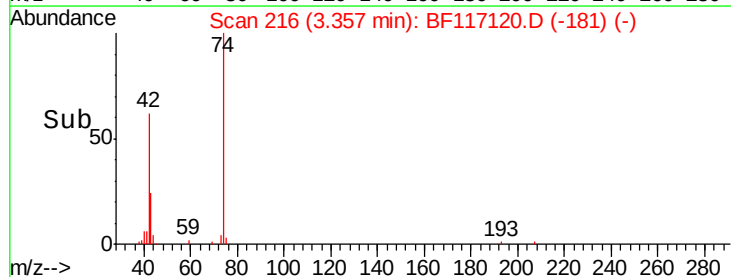
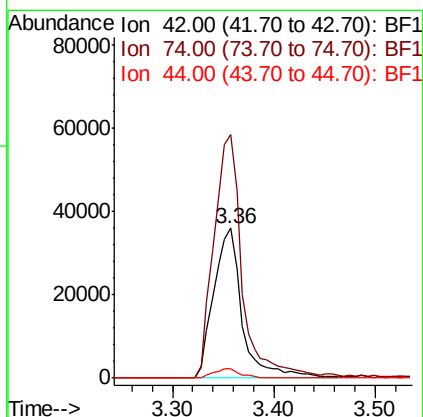
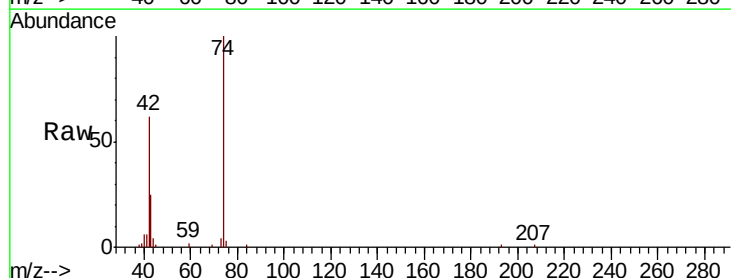
RT: 3.36 min Scan# 216

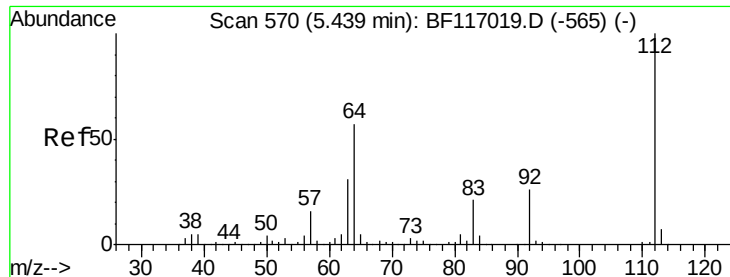
Delta R.T. 0.11 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Tgt Ion:	42	Resp:	70512
Ion	Ratio	Lower	Upper
42	100		
74	162.5	127.1	190.7
44	5.9	4.3	6.5





#5

2-Fluorophenol

Concen: 129.657 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

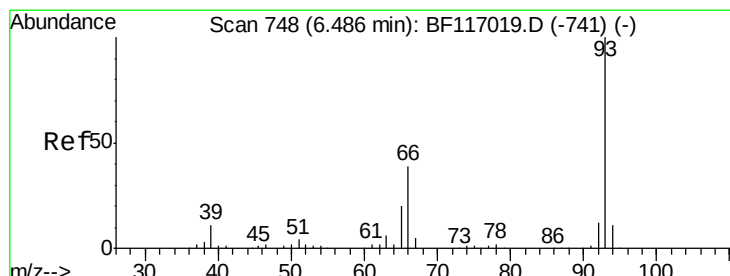
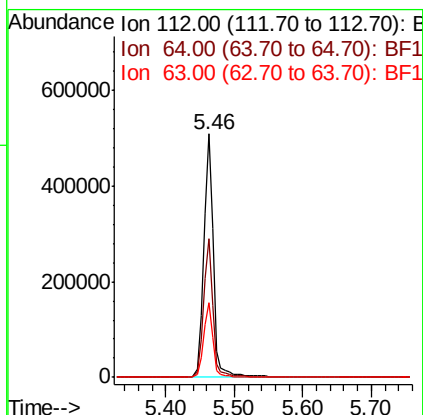
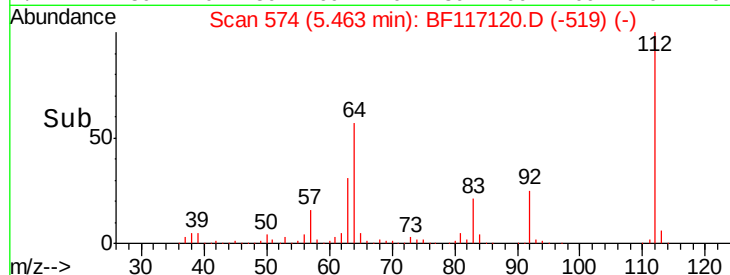
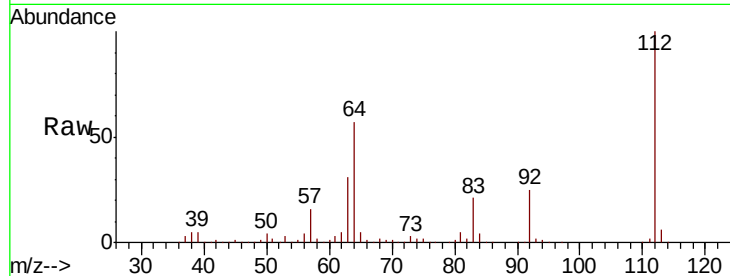
ClientSampleId :

HD-02-091319MS

Tot Ion:	112	Resp:	517692
Ion Ratio	Lower	Upper	
112	100		
64	57.2	45.7	68.5
63	30.6	24.9	37.3

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#6

Aniline

Concen: 9.872 ng

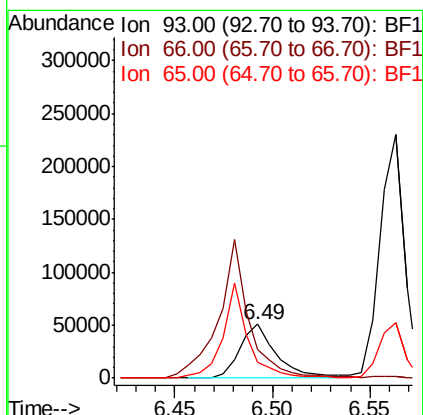
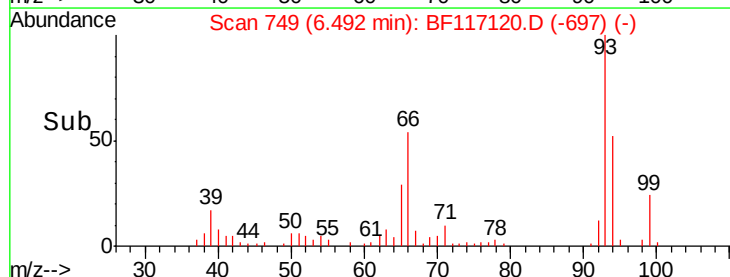
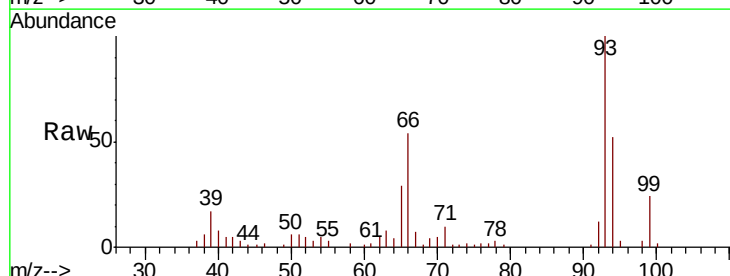
RT: 6.49 min Scan# 749

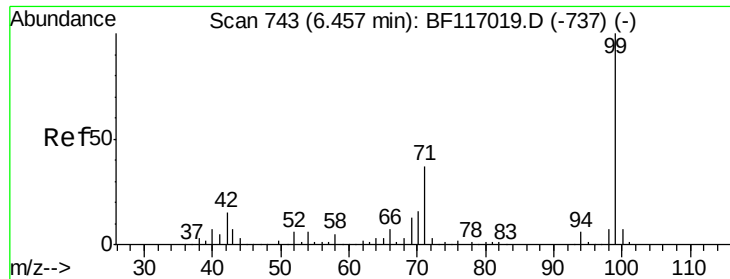
Delta R.T. 0.01 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Tgt Ion:	93	Resp:	65587
Ion Ratio	Lower	Upper	
93	100		
66	53.9	32.6	49.0#
65	28.9	16.7	25.1#





#7

Phenol-d6

Concen: 123.764 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

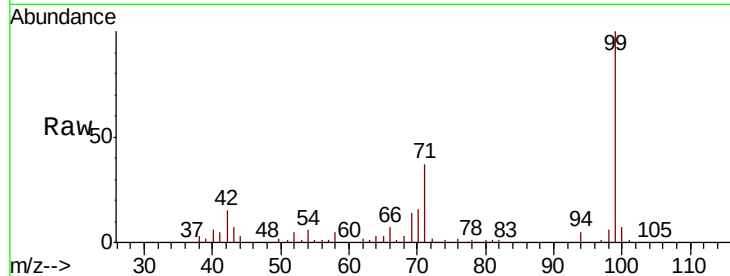
ClientSampleId :

HD-02-091319MS

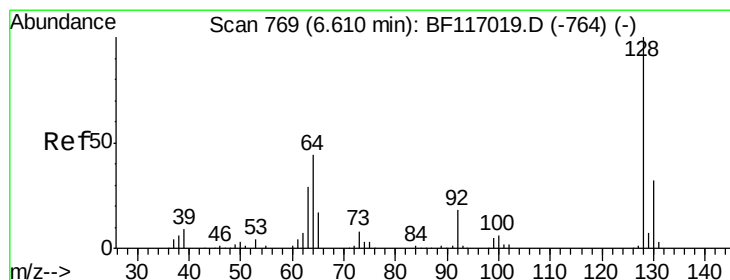
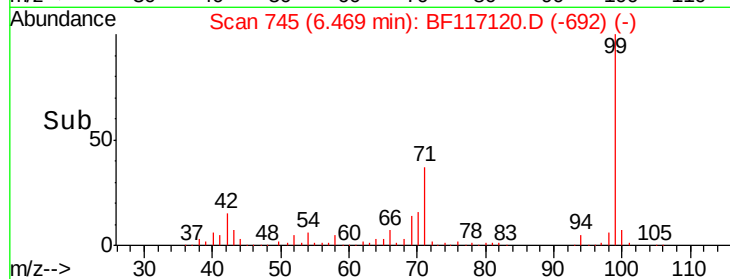
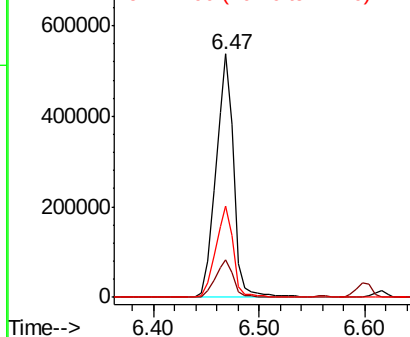
Tot Ion:	99	Resp:	638634
Ion Ratio	Lower	Upper	
99	100		
42	15.3	12.2	18.2
71	37.3	29.8	44.8

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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: 48.889 ng

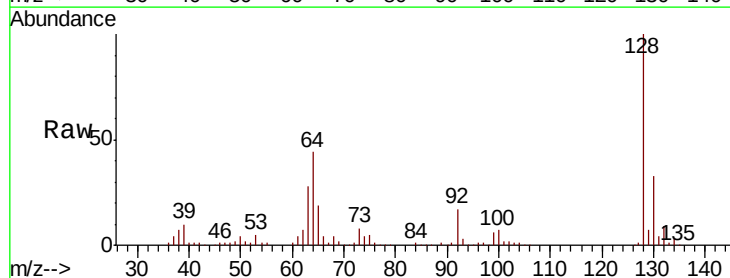
RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

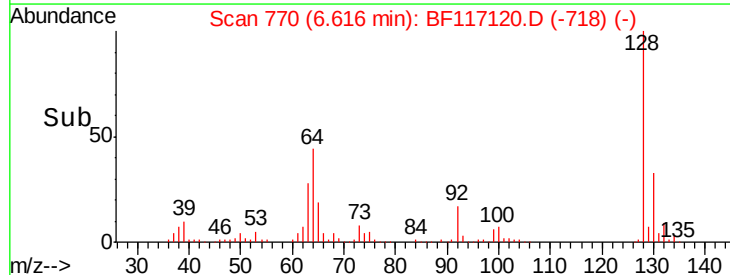
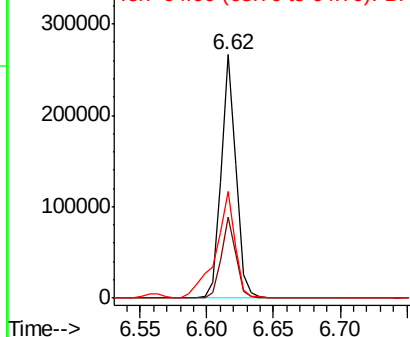
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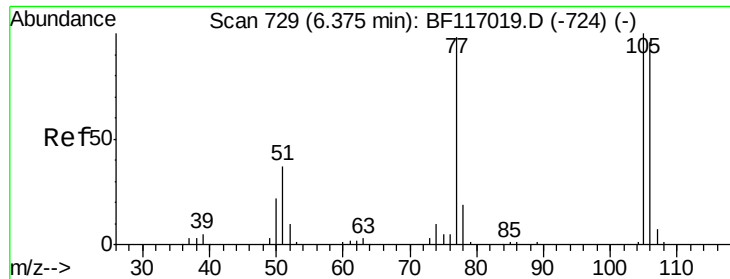
Acq: 17 Sep 2019 21:17

Tgt Ion:	128	Resp:	210584
Ion Ratio	Lower	Upper	
128	100		
130	33.5	11.8	51.8
64	43.7	25.0	65.0



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





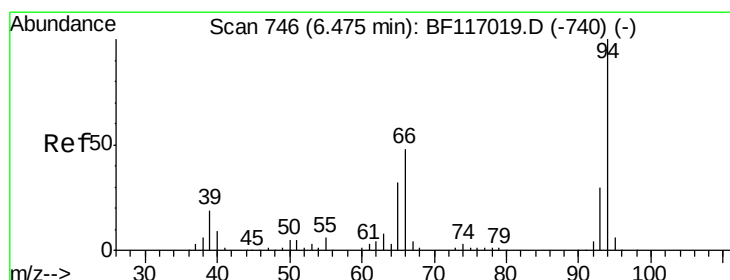
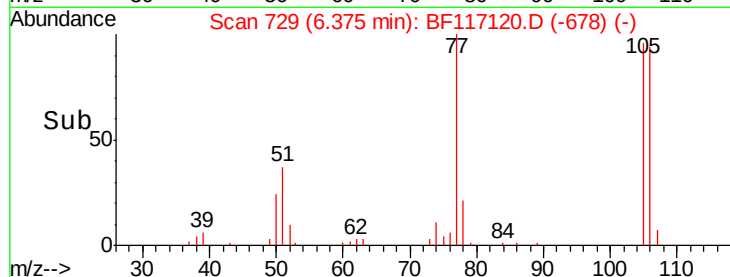
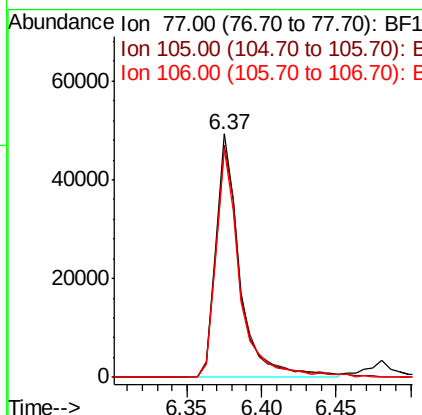
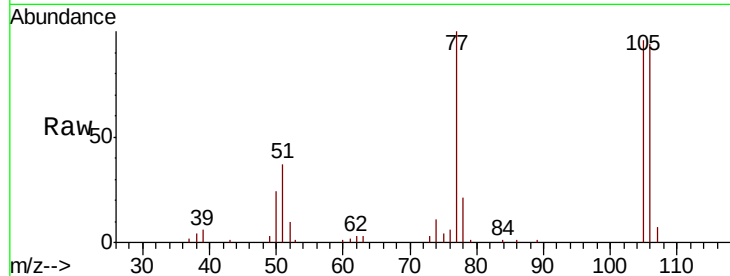
#9
Benzaldehyde
Concen: 15.661 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.6	81.8	121.8
106	93.8	77.3	117.3

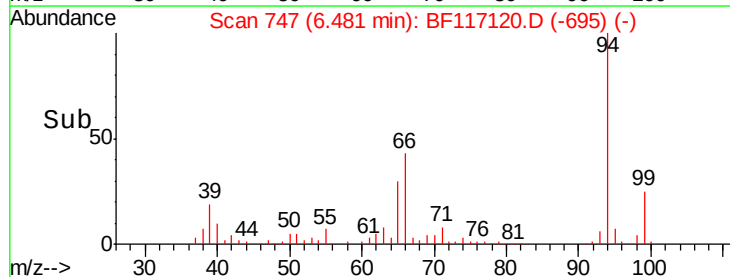
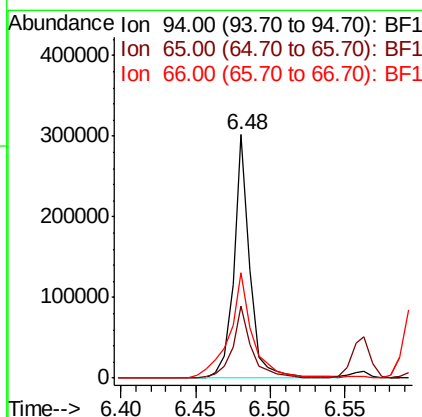
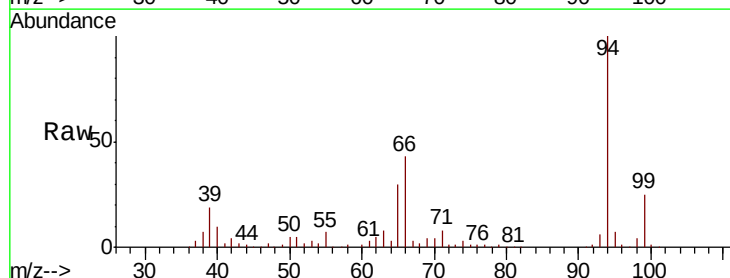
Manual Integrations
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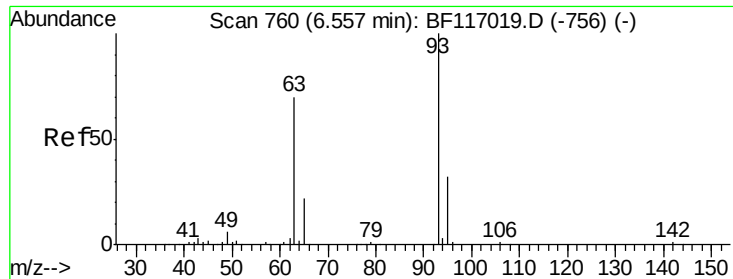
mohammad
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#10
Phenol
Concen: 40.521 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.6	12.5	52.5
66	43.3	28.9	68.9





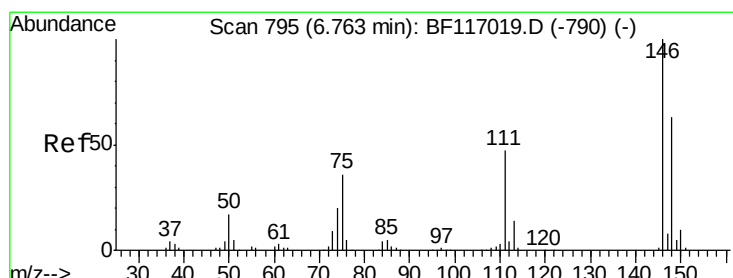
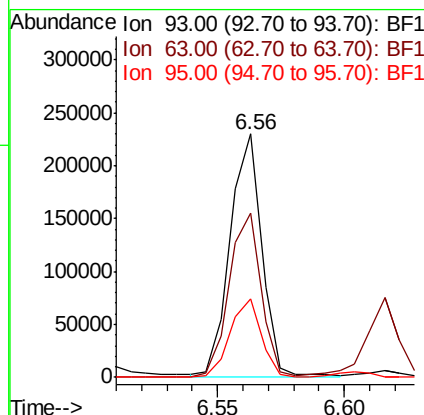
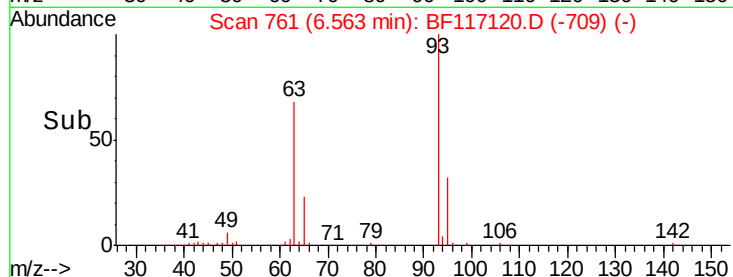
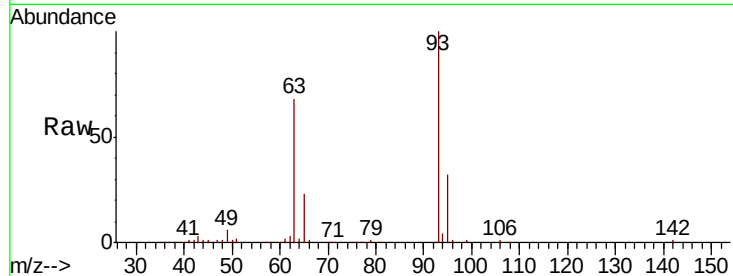
#11
bis(2-Chloroethyl)ether
Concen: 48.436 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	93	Resp	202507
Ion Ratio	Lower	Upper	
93	100		
63	67.6	49.3	89.3
95	32.2	11.5	51.5

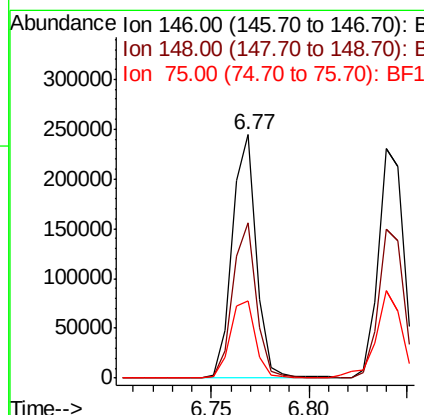
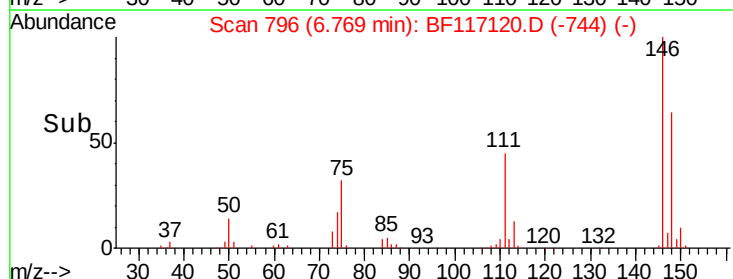
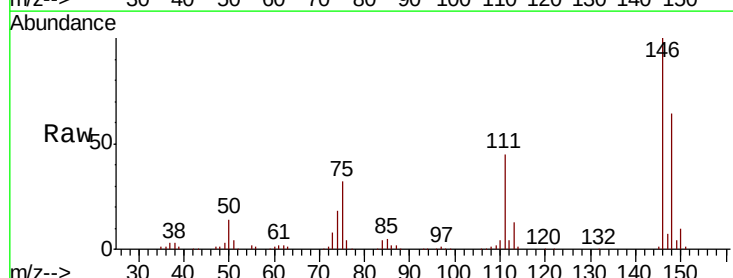
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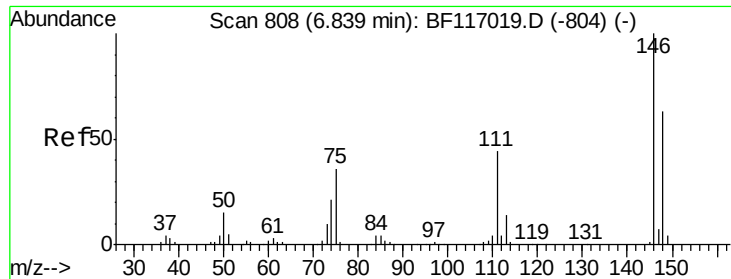
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#12
1,3-Dichlorobenzene
Concen: 43.268 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	146	Resp	209135
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.8	76.2
75	31.8	28.7	43.1





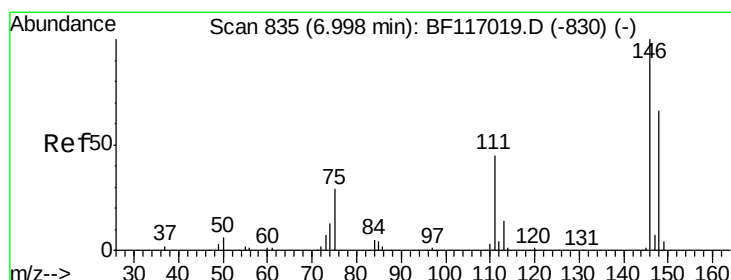
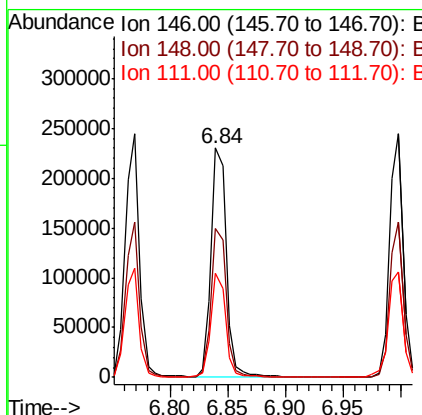
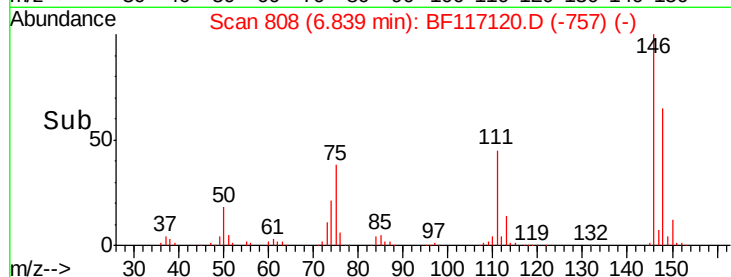
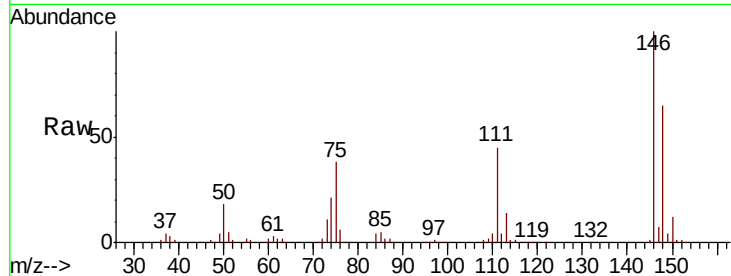
#13
1,4-Dichlorobenzene
Concen: 43.670 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.6	76.0
111	45.4	35.0	52.6

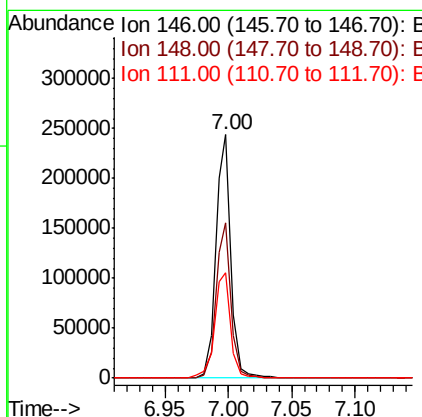
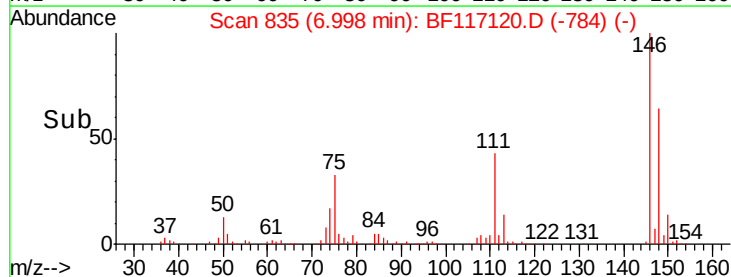
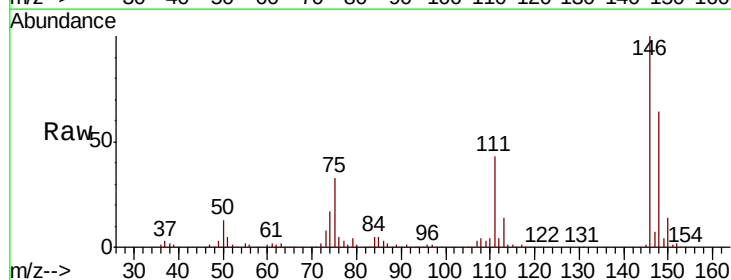
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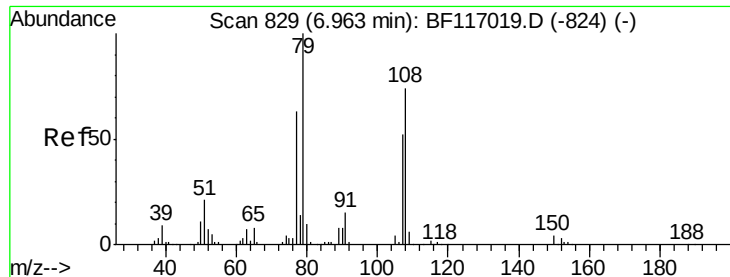
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#14
1,2-Dichlorobenzene
Concen: 44.500 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.6	78.8
111	43.2	36.2	54.2





#15

Benzyl Alcohol

Concen: 48.900 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

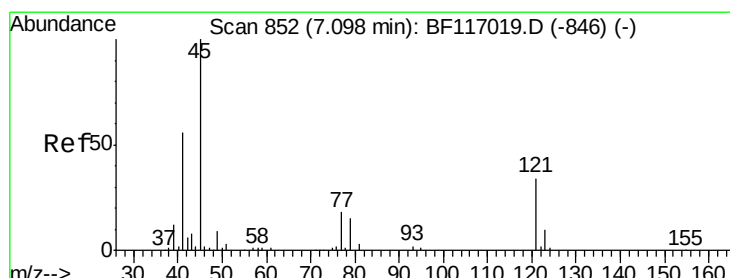
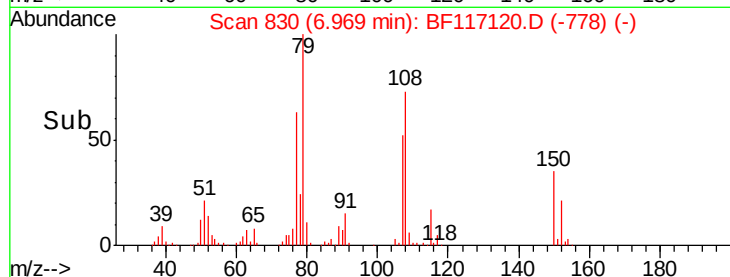
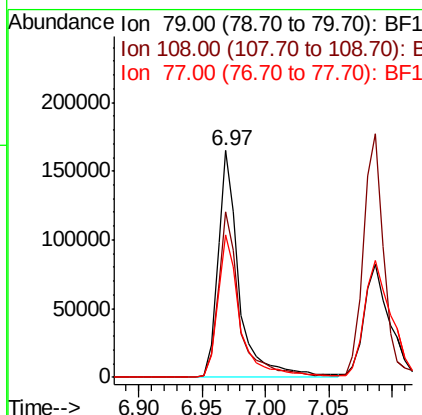
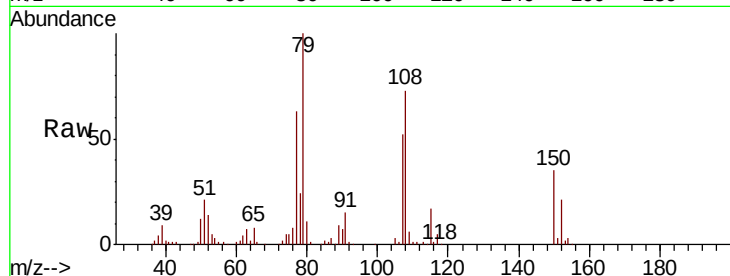
ClientSampleId :

HD-02-091319MS

Tot Ion:	79	Resp:	193499
Ion	Ratio	Lower	Upper
79	100		
108	73.0	59.4	89.0
77	62.9	50.2	75.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.894 ng

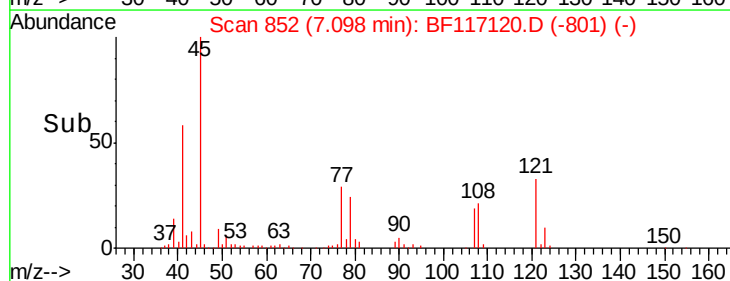
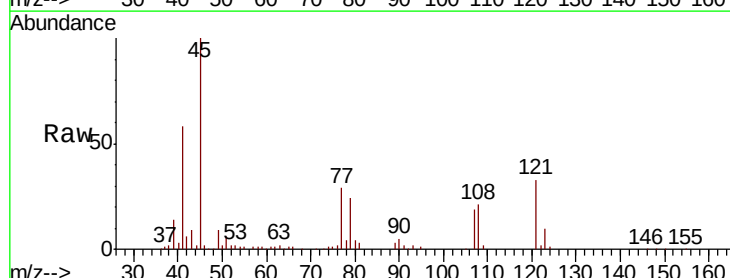
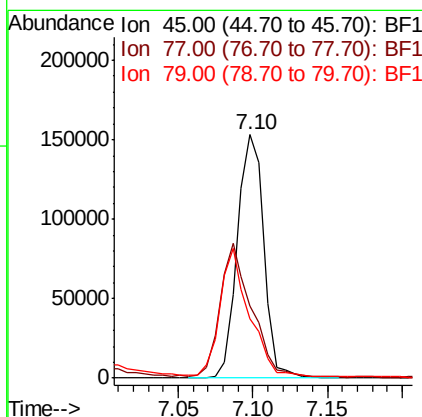
RT: 7.10 min Scan# 852

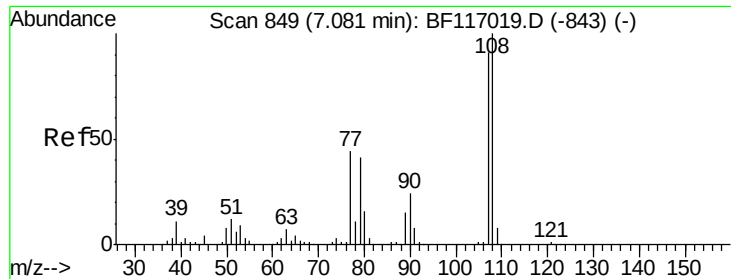
Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Tgt Ion:	45	Resp:	189571
Ion	Ratio	Lower	Upper
45	100		
77	29.5	2.7	42.7
79	24.4	0.0	38.9





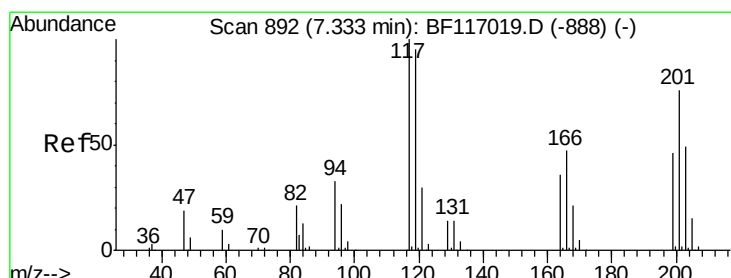
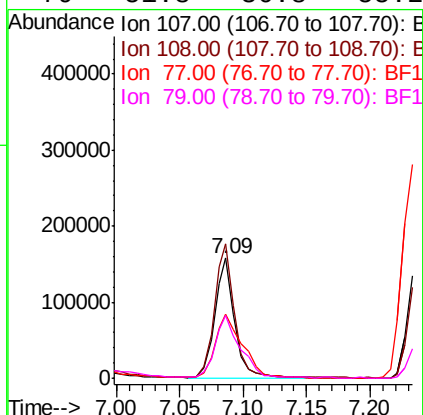
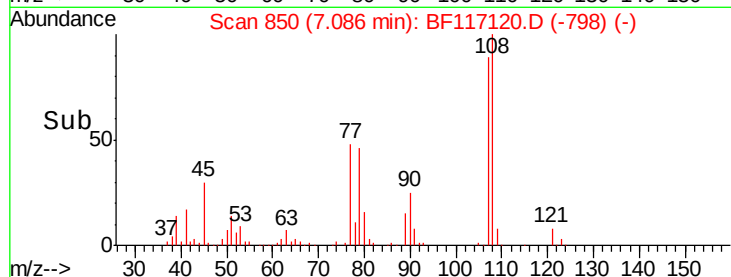
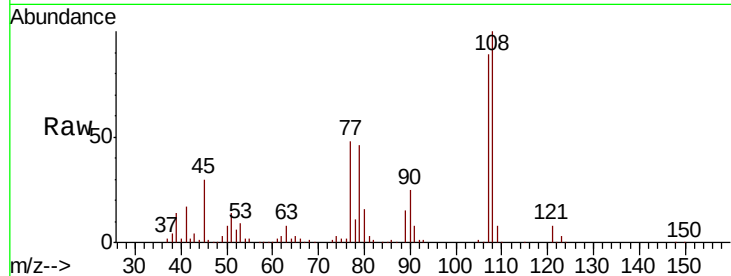
#17
2-Methylphenol
Concen: 48.018 ng
RT: 7.09 min Scan# 850
Delta R.T. 0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion:	107	Resp:	173347
Ion Ratio	Lower	Upper	
107	100		
108	112.1	87.7	131.5
77	53.7	38.6	58.0
79	51.8	36.8	55.2

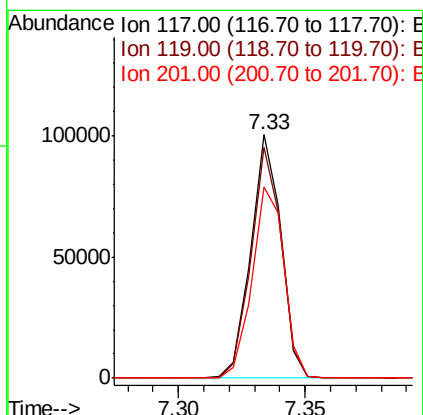
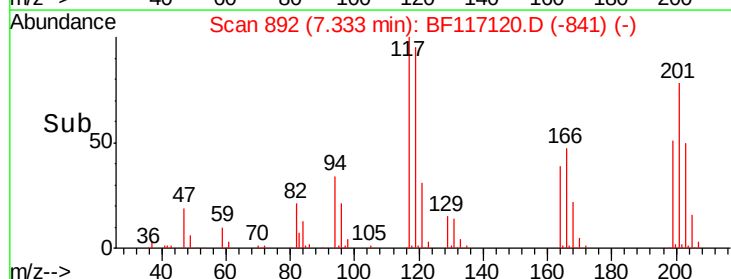
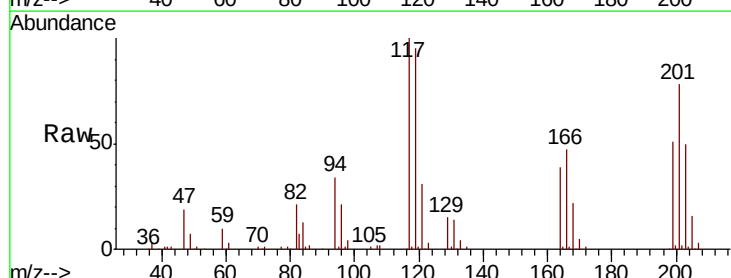
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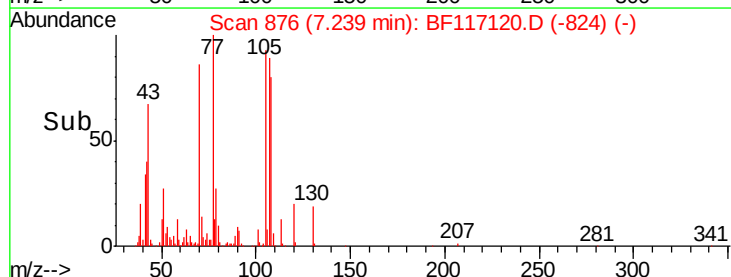
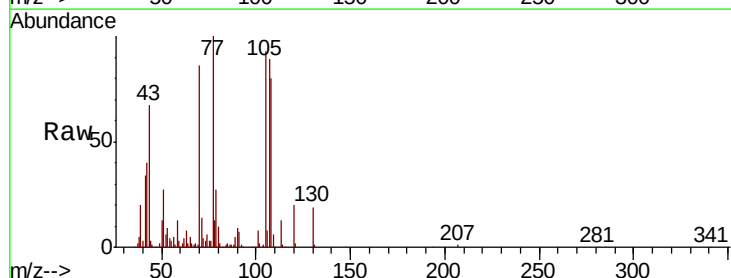
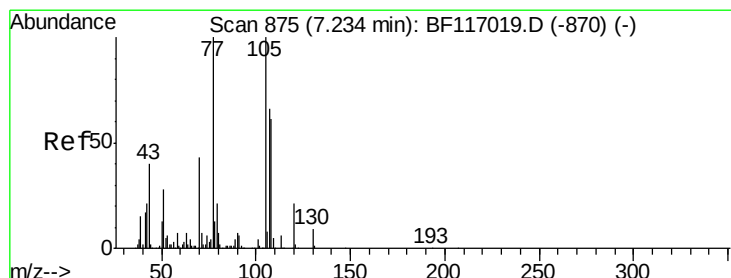
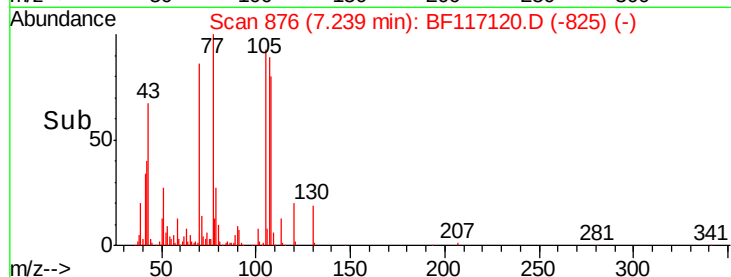
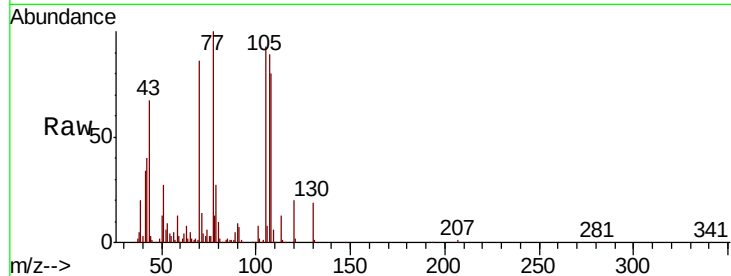
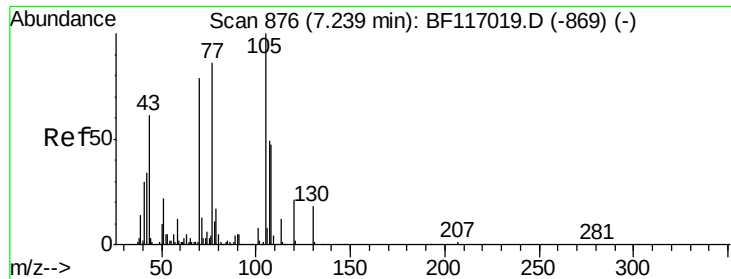
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#18
Hexachloroethane
Concen: 43.953 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion:	117	Resp:	83405
Ion Ratio	Lower	Upper	
117	100		
119	95.0	75.8	113.8
201	78.5	60.9	91.3





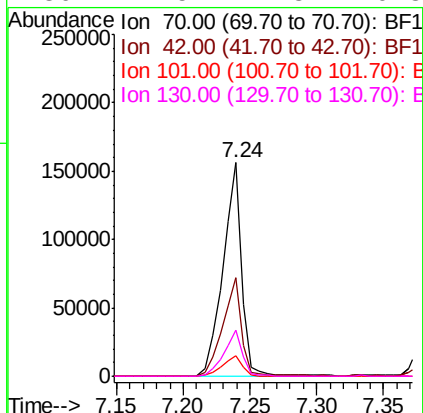
#19
n-Nitroso-di-n-propylamine
Concen: 49.347 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.3	34.0	51.0
101	9.7	7.8	11.6
130	21.5	17.8	26.8

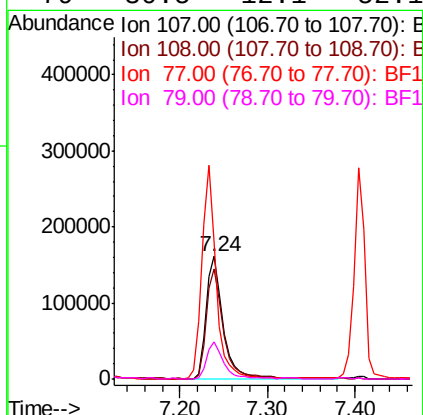
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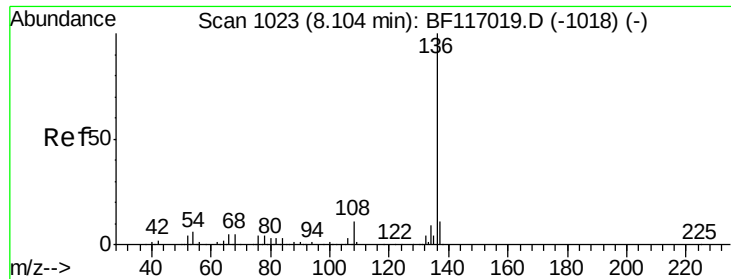
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#20
3+4-Methylphenols
Concen: 48.913 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	72.6	112.6
77	111.8	132.1	172.1#
79	30.5	12.1	52.1





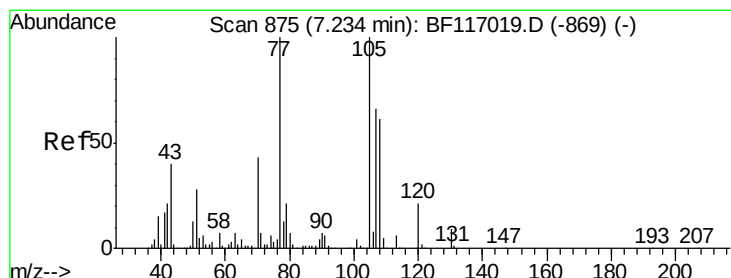
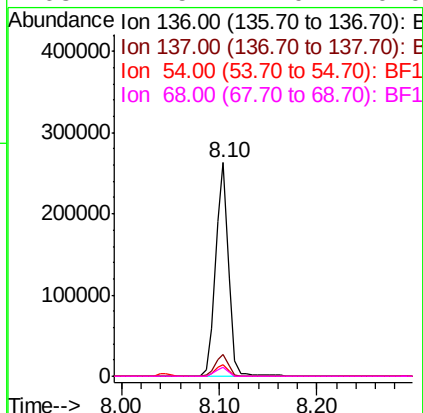
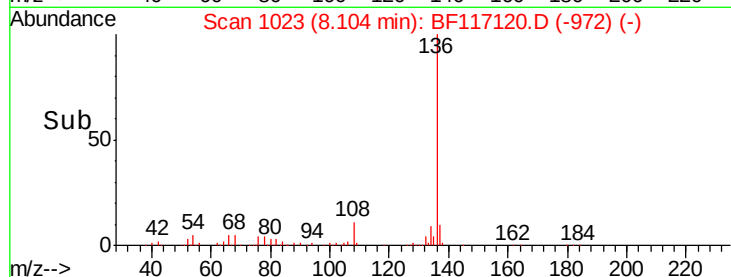
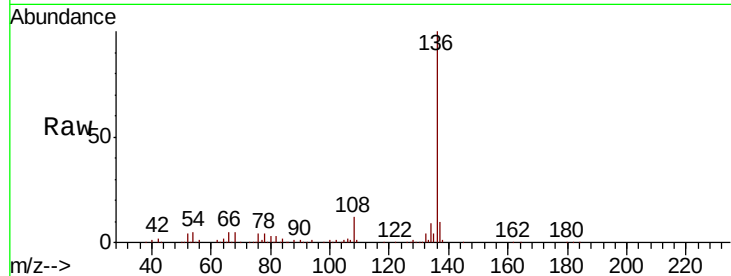
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	239818		
137	10.5		9.0	13.4
54	5.1		4.5	6.7
68	4.5		4.0	6.0

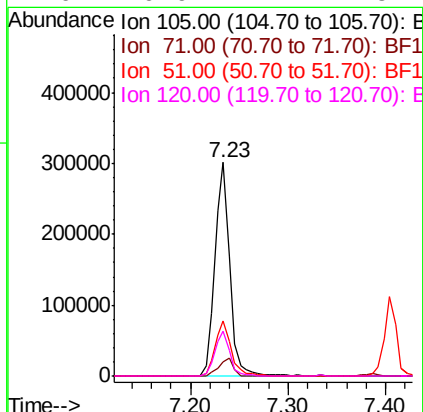
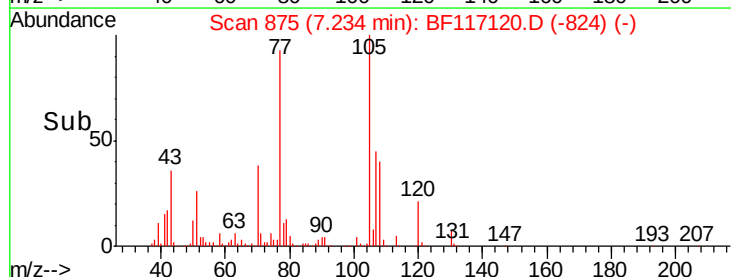
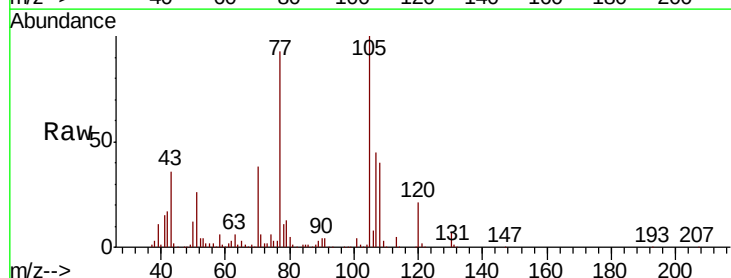
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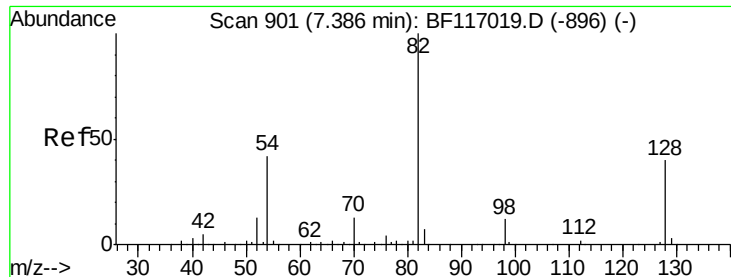
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#22
Acetophenone
Concen: 52.080 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	317323		
71	6.3		5.7	8.5
51	25.7		22.1	33.1
120	20.9		17.1	25.7





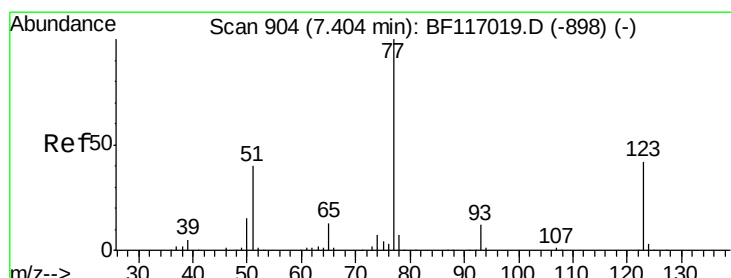
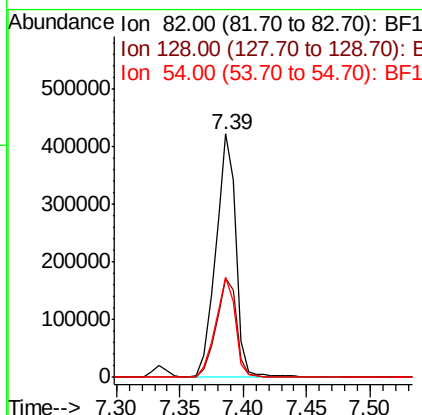
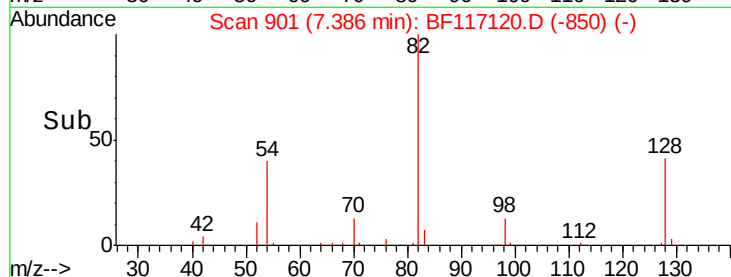
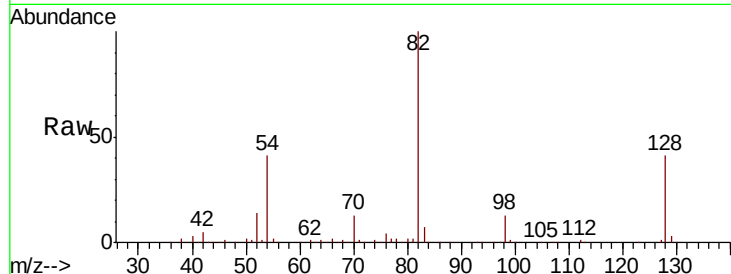
#23
 Nitrobenzene-d5
 Concen: 103.050 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	470347		
128	40.9	32.3	48.5	
54	41.3	33.3	49.9	

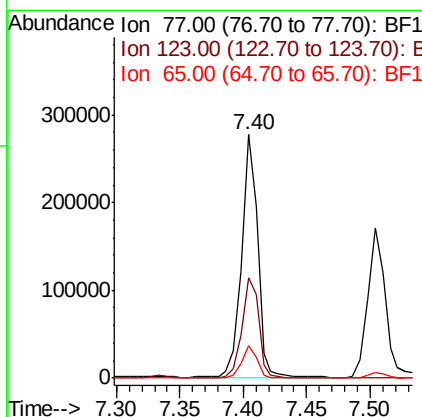
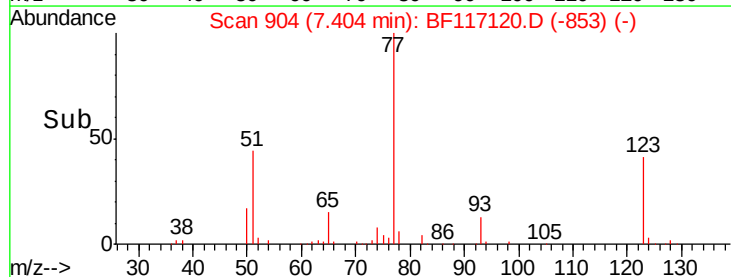
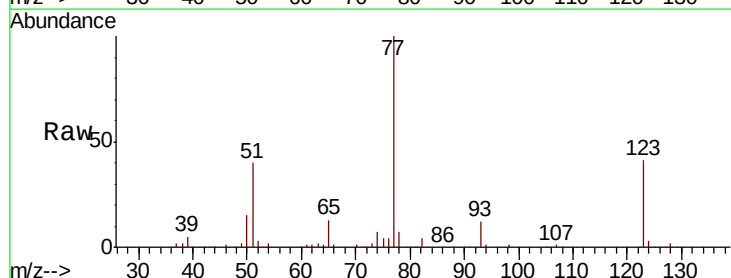
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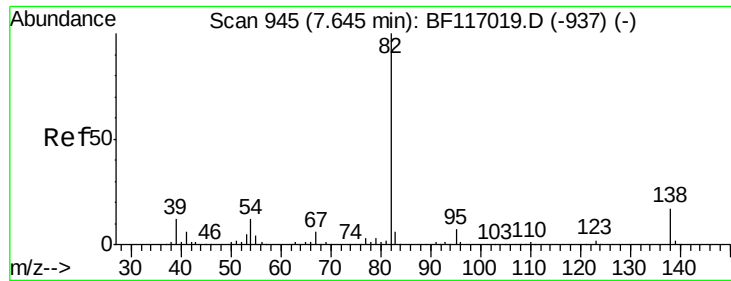
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#24
 Nitrobenzene
 Concen: 53.585 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	241527		
123	41.3	33.5	50.3	
65	13.2	10.5	15.7	





#25

Isophorone

Concen: 53.516 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

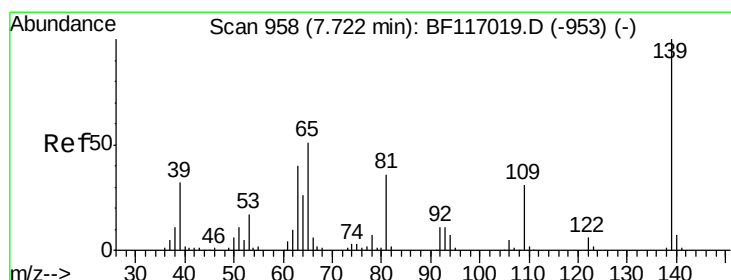
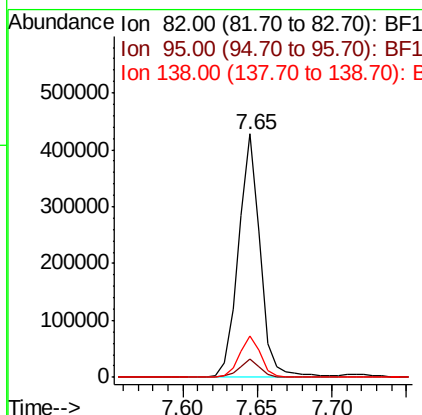
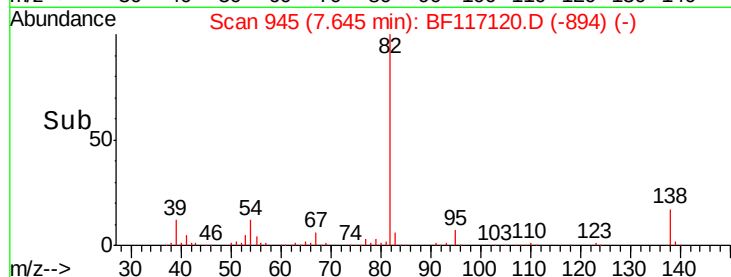
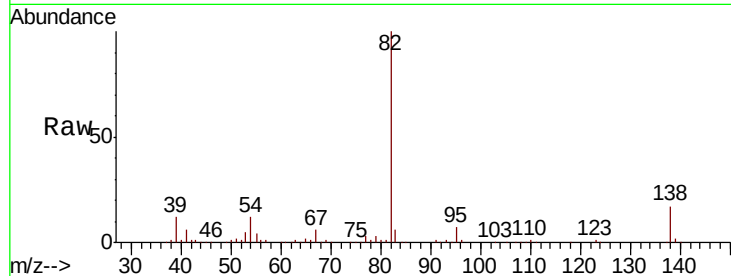
ClientSampleId :

HD-02-091319MS

Tot Ion:	82	Resp:	432483
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.8	8.6
138	17.1	13.5	20.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 55.814 ng

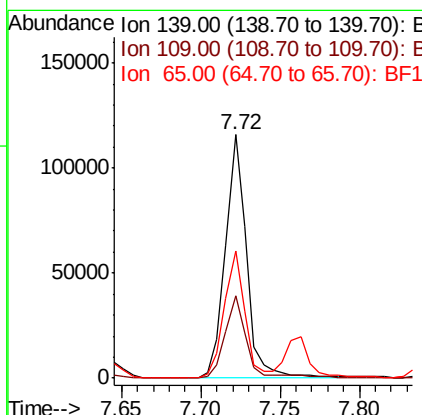
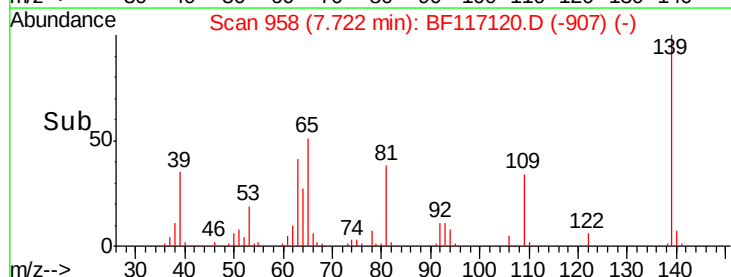
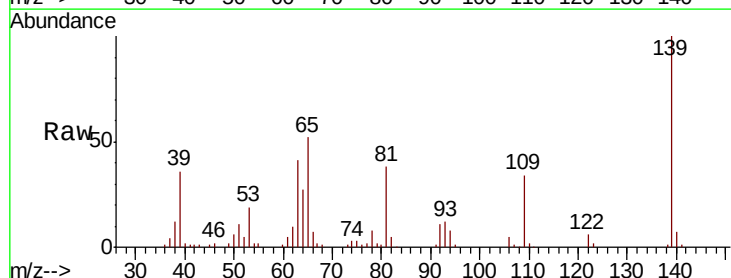
RT: 7.72 min Scan# 958

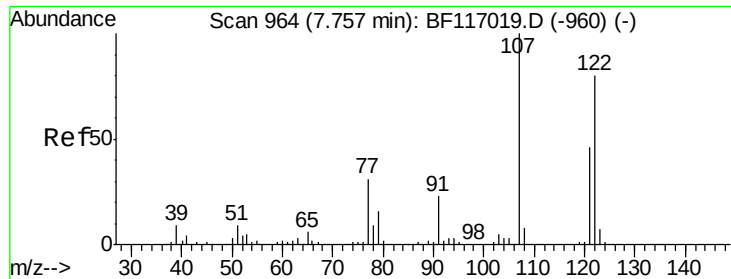
Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Tgt Ion:	139	Resp:	108061
Ion Ratio	Lower	Upper	
139	100		
109	34.0	24.6	36.8
65	52.4	40.9	61.3





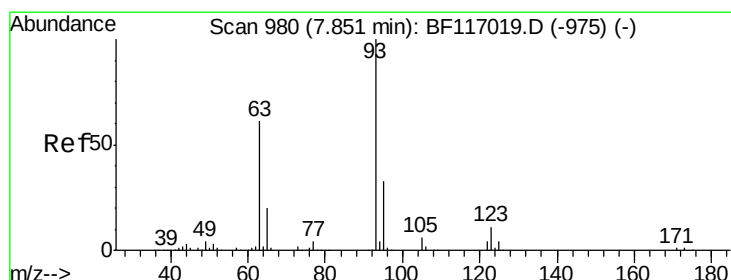
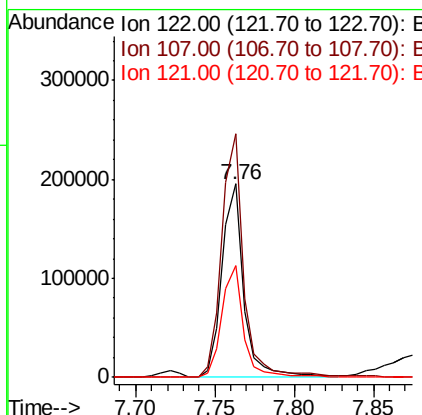
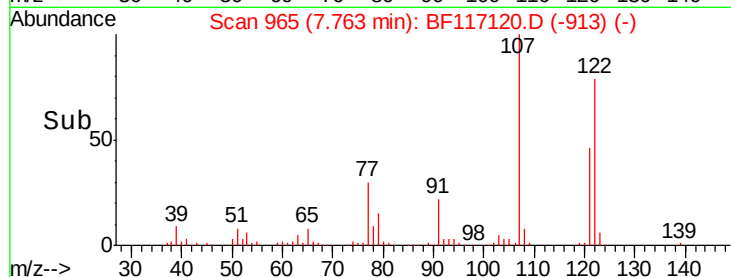
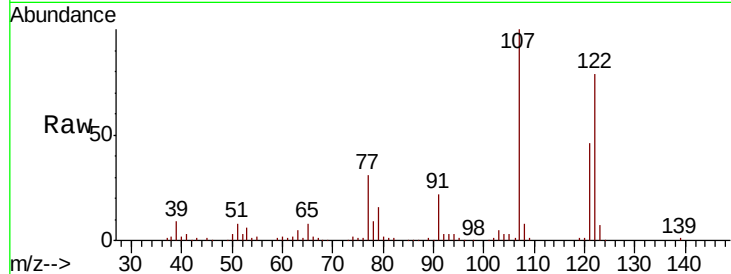
#27
 2,4-Dimethylphenol
 Concen: 60.165 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		184720		
107	126.1	98.9	148.3		
121	57.7	45.3	67.9		

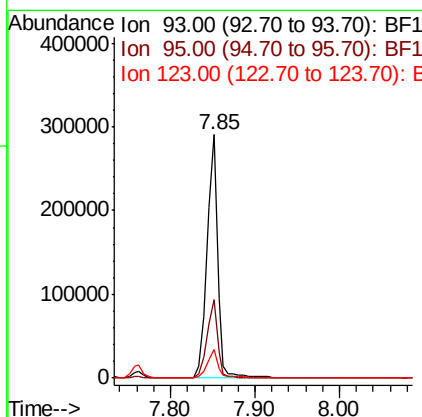
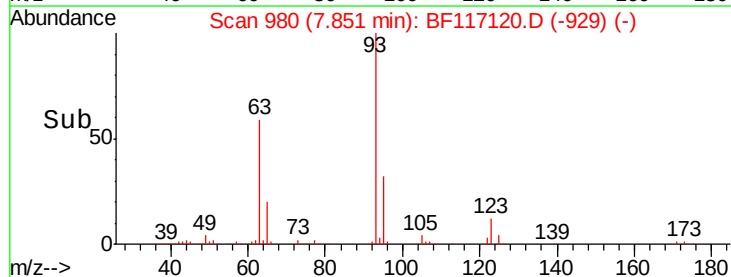
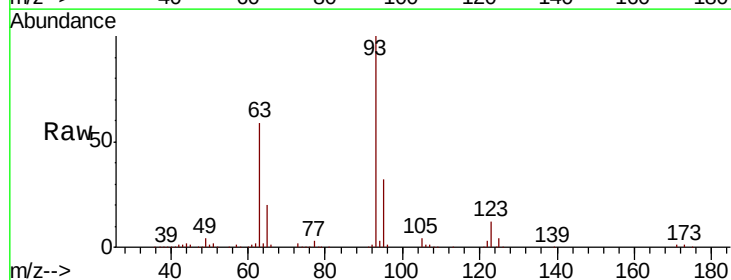
Manual Integrations
 APPROVED

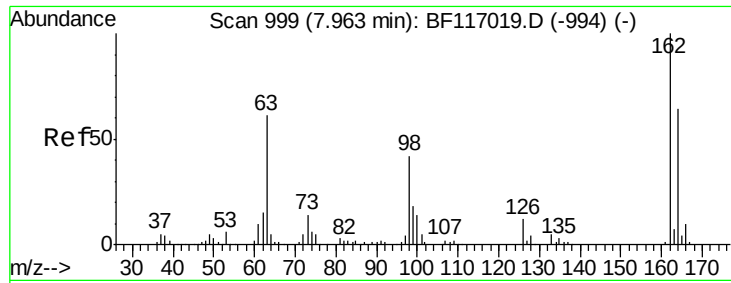
mohammad
 9/19/2019 4:45:18 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 51.705 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		257442		
95	32.5	26.2	39.4		
123	12.0	9.0	13.6		





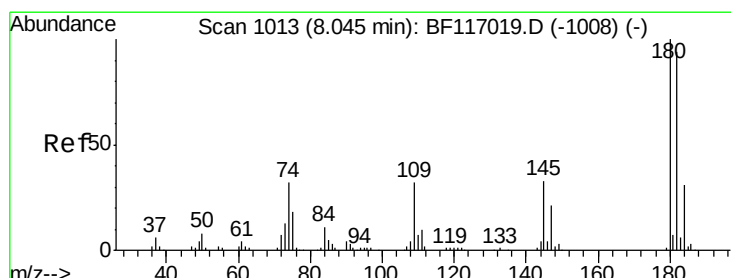
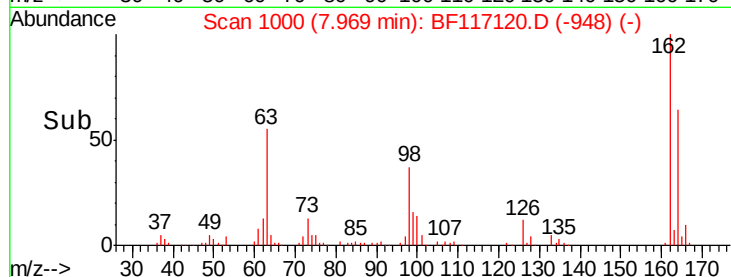
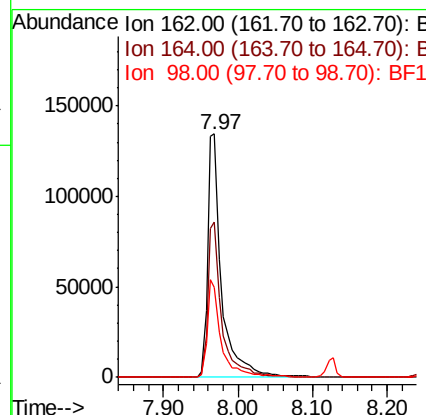
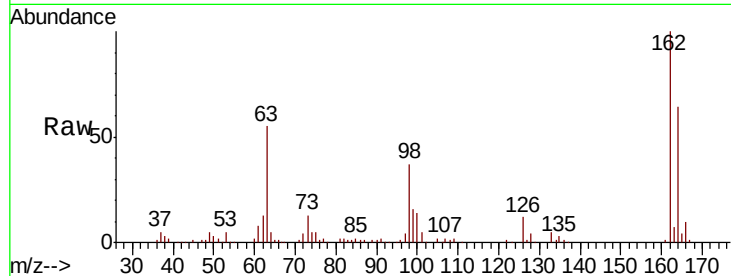
#29
 2,4-Dichlorophenol
 Concen: 55.433 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		178331		
164	64.0	43.8	83.8		
98	36.9	22.1	62.1		

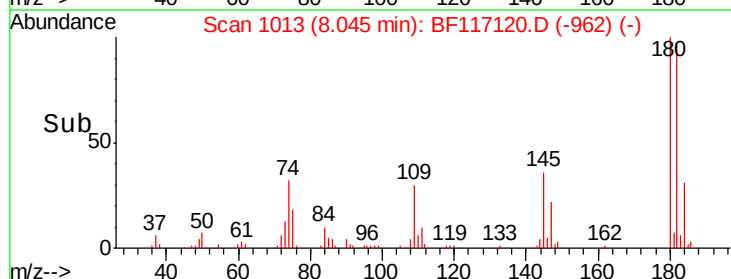
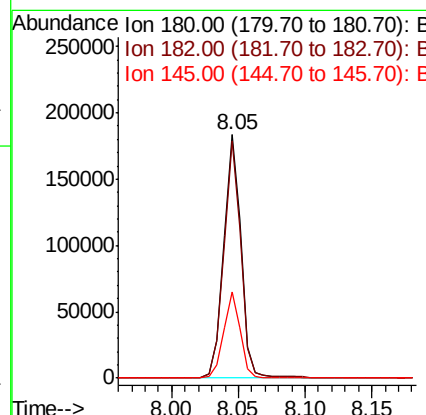
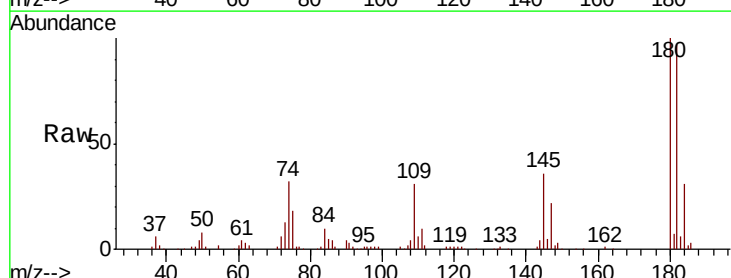
Manual Integrations
 APPROVED

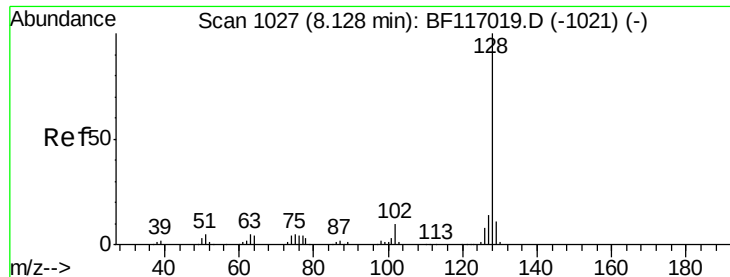
mohammad
 9/19/2019 4:45:18 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 48.952 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		170139		
182	97.5	75.4	113.0		
145	35.6	26.7	40.1		





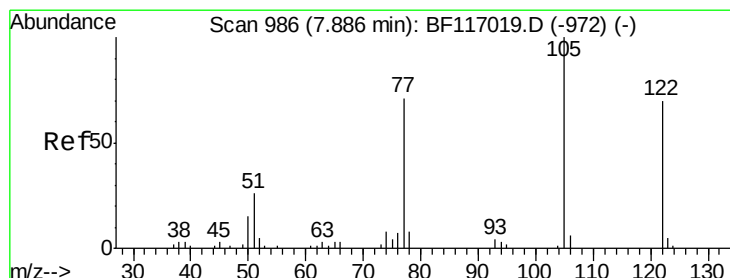
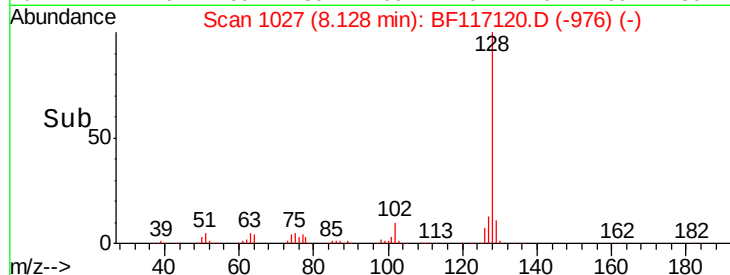
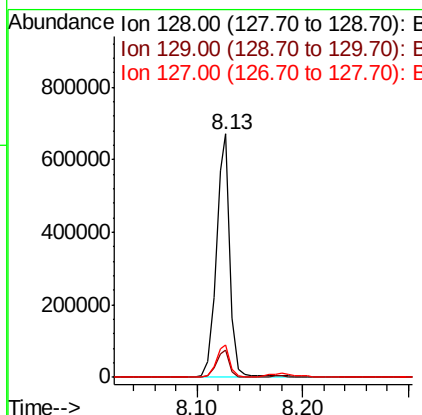
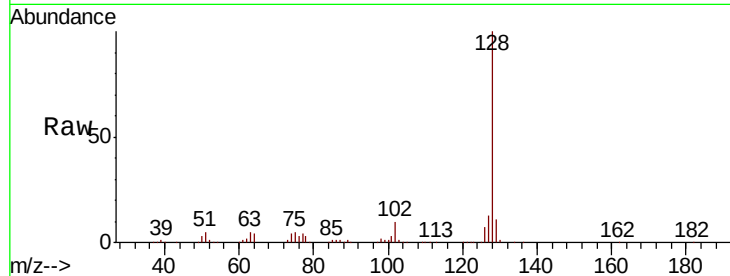
#31
Naphthalene
Concen: 53.424 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	9.0	13.4	
127	13.2	10.8	16.2	

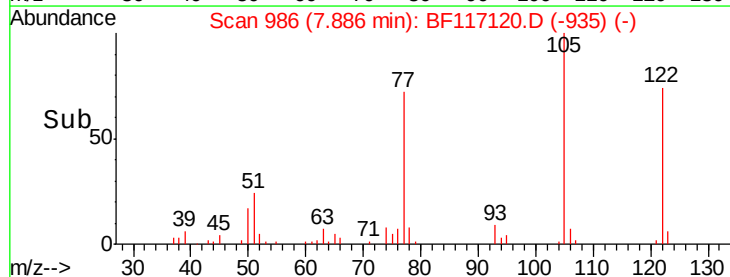
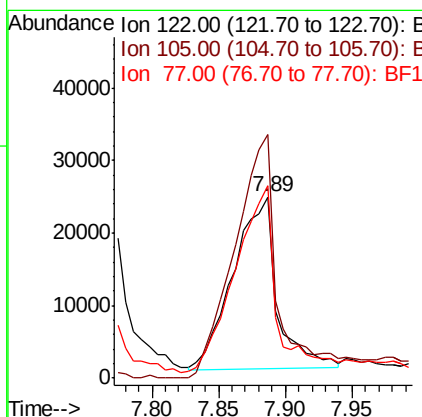
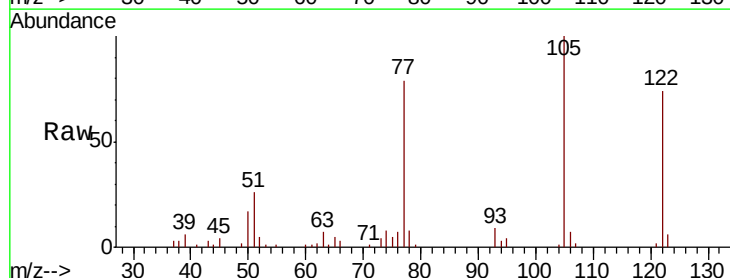
Manual Integrations
APPROVED

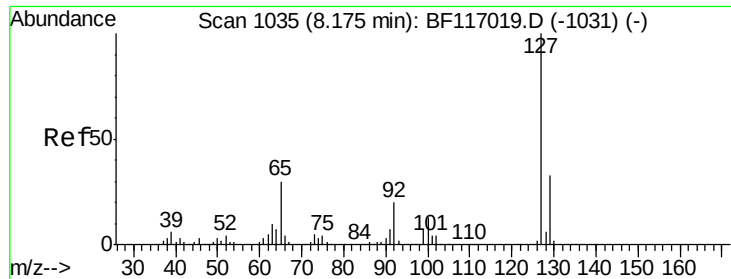
mohammad
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#32
Benzoic acid
Concen: 26.783 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	134.3	114.8	154.8	
77	105.9	78.7	118.7	





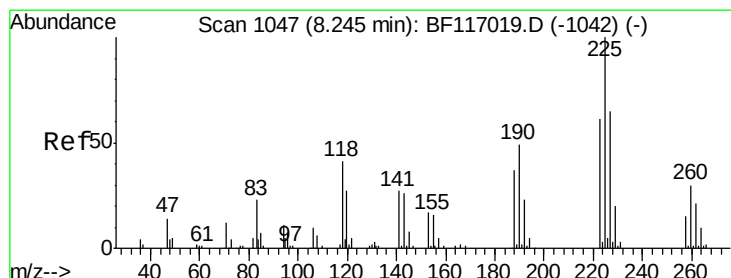
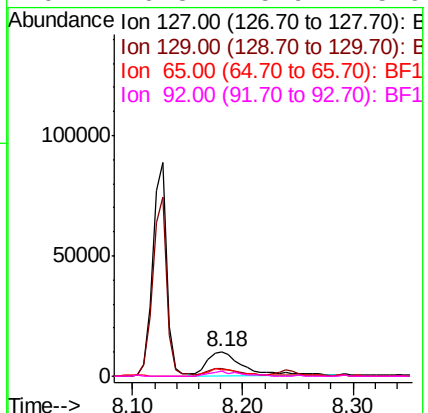
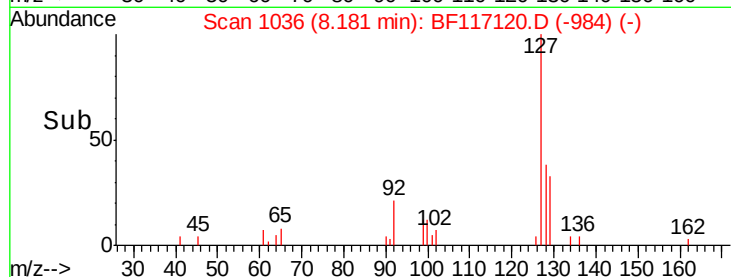
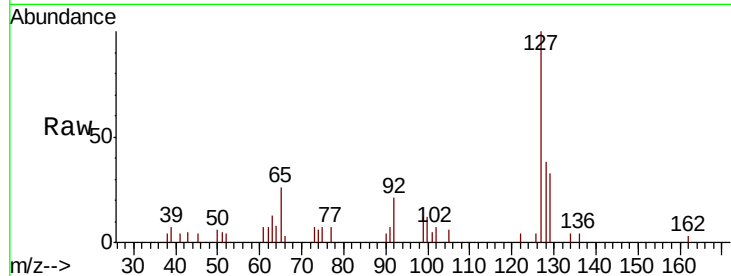
#33
4-Chloroaniline
Concen: 4.280 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		21896		
129	32.9	26.2	39.2		
65	25.8	23.5	35.3		
92	20.8	15.9	23.9		

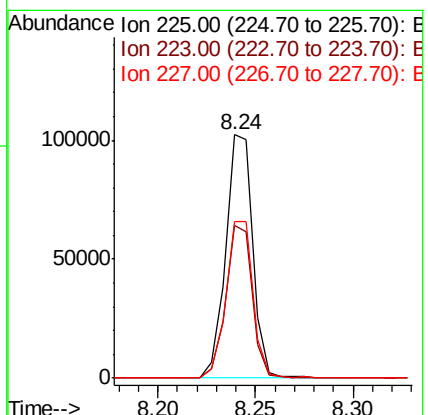
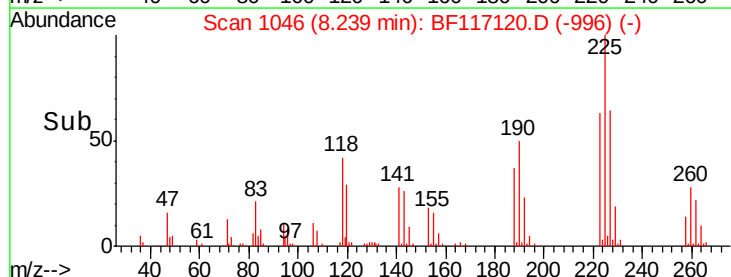
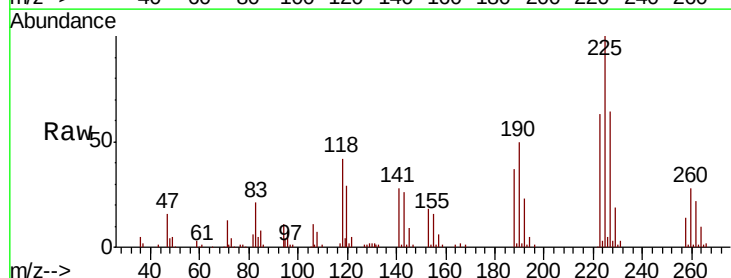
Manual Integrations
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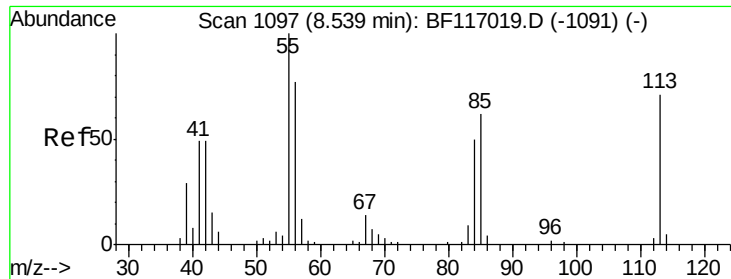
mohammad
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#34
Hexachlorobutadiene
Concen: 49.705 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		98013		
223	62.9	49.1	73.7		
227	64.4	52.2	78.2		





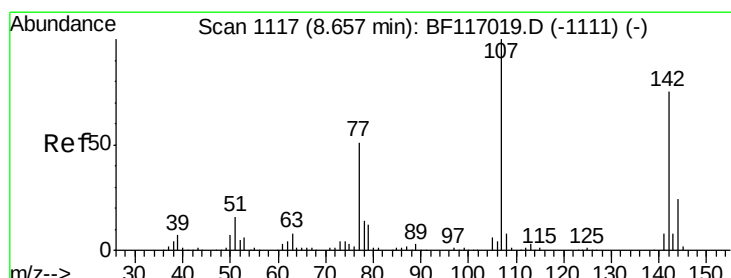
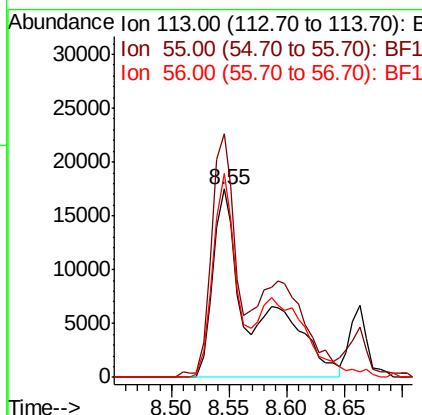
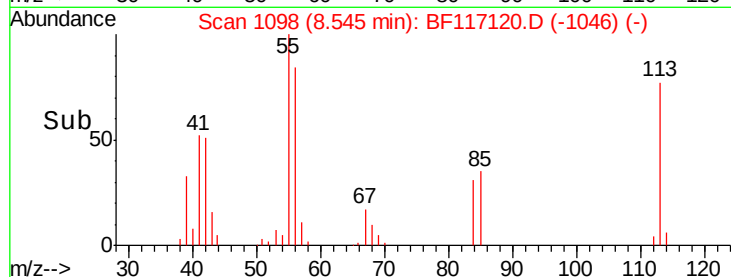
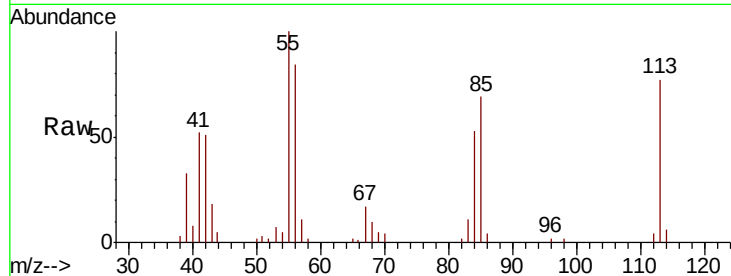
#35
Caprolactam
Concen: 39.867 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	129.4	120.6	160.6		
56	108.3	88.8	128.8		

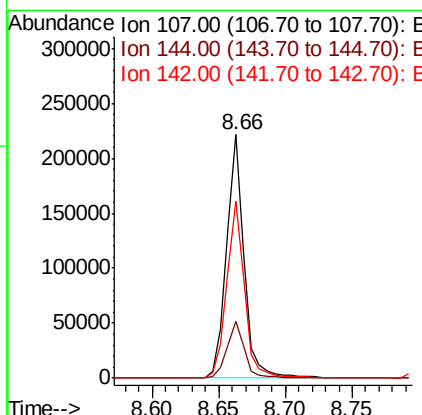
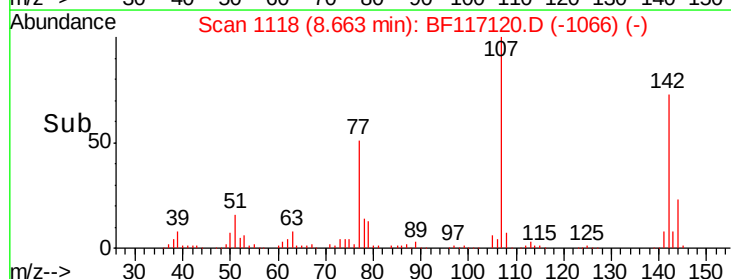
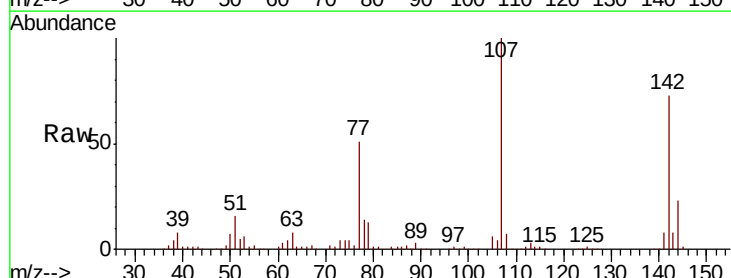
Manual Integrations
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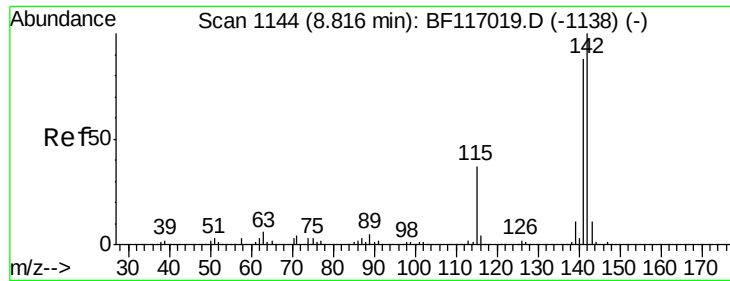
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 55.461 ng/ml
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	23.1	19.2	28.8		
142	72.6	59.6	89.4		





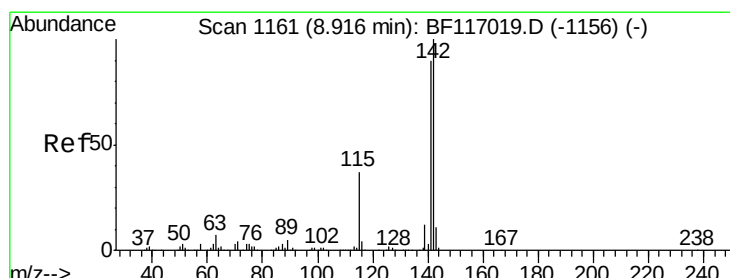
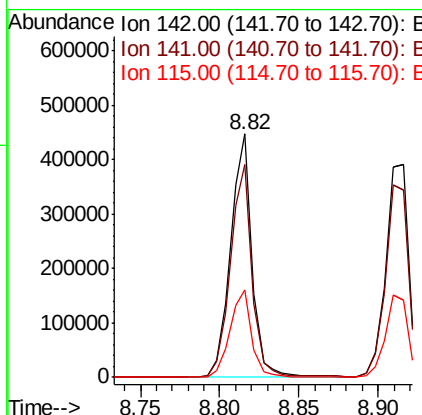
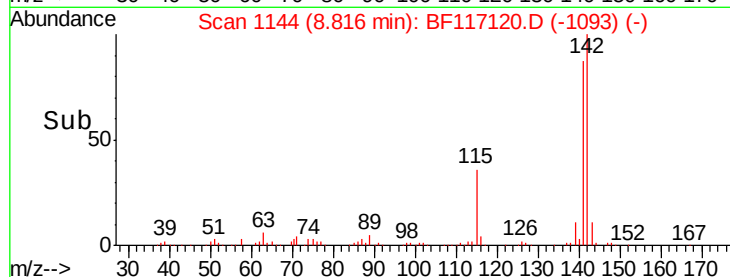
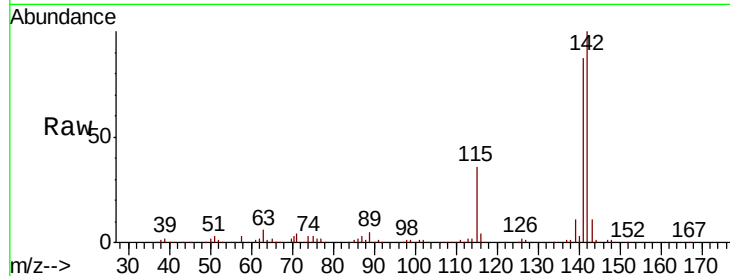
#37
2-Methylnaphthalene
Concen: 54.089 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.7	106.1
115	35.8	29.4	44.0

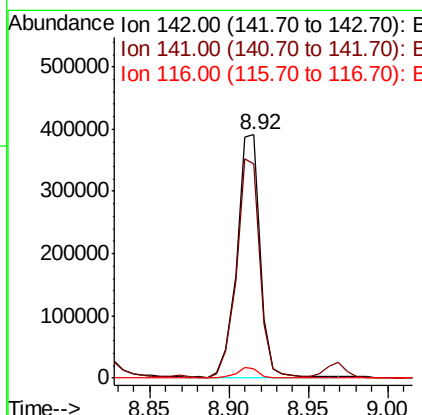
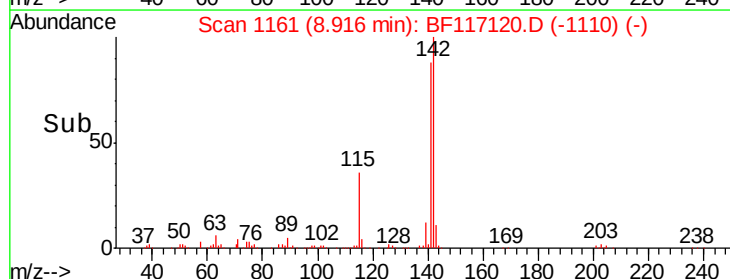
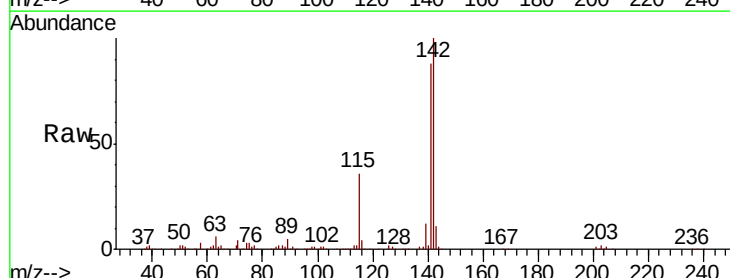
Manual Integrations
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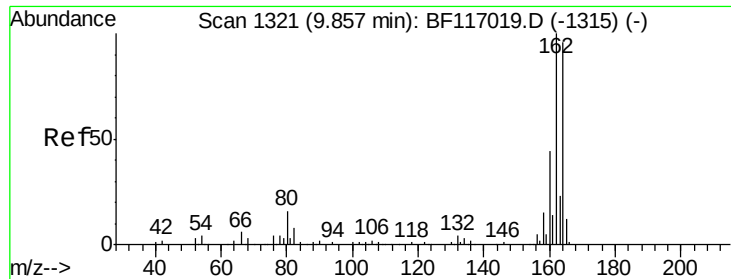
mohammad
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#38
1-Methylnaphthalene
Concen: 53.944 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.9	107.9
116	3.6	3.2	4.8





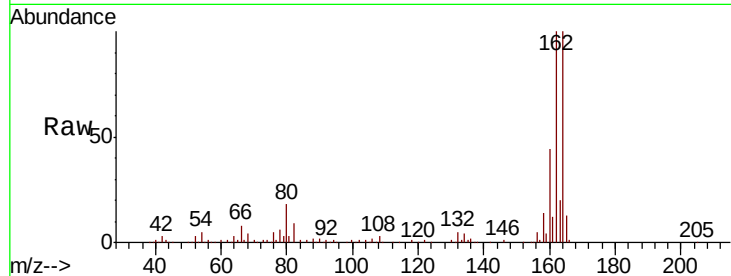
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.5	83.4	125.2	
160	43.5	36.4	54.6	

Manual Integrations
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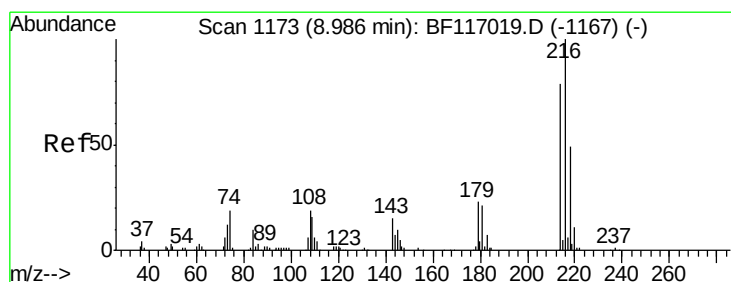
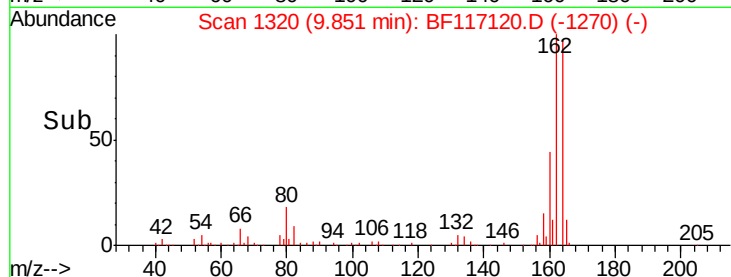
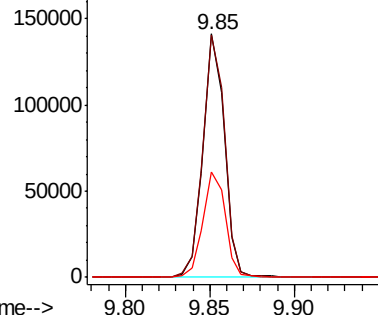


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.286 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.3	63.6	95.4	
179	24.0	18.3	27.5	
108	24.1	17.8	26.6	

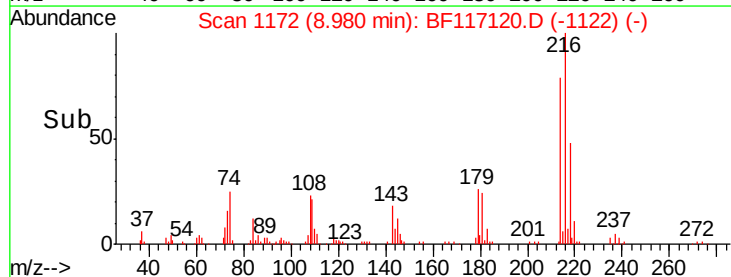
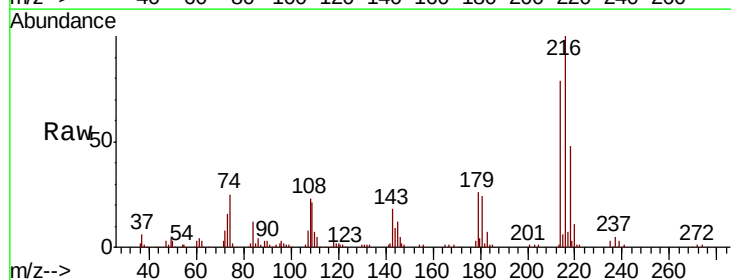
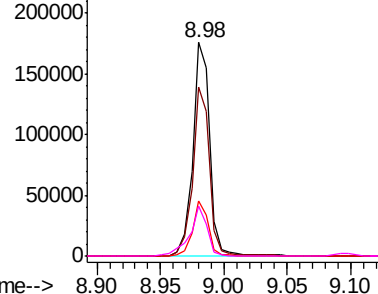
Abundance

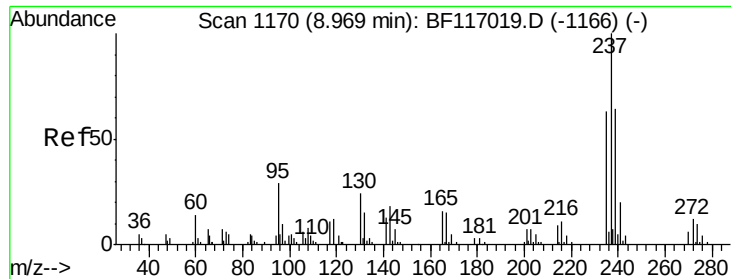
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





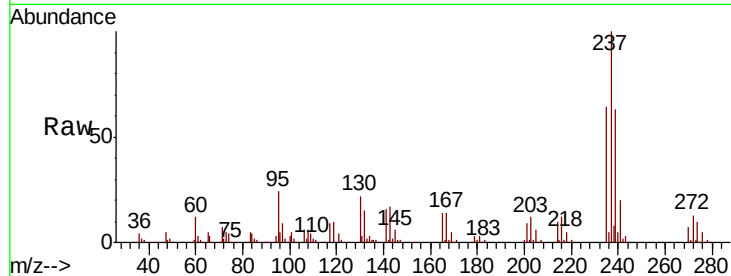
#41
Hexachlorocyclopentadiene
Concen: 91.297 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.0	43.2	83.2
272	12.8	0.0	31.9

Manual Integrations
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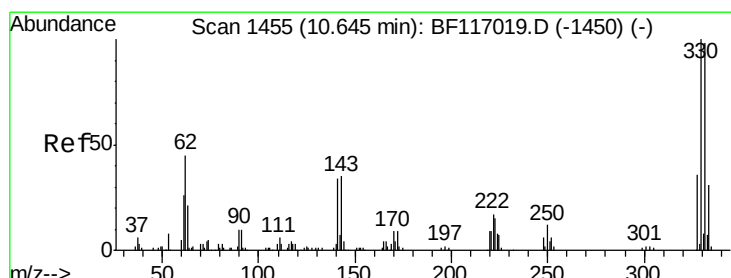
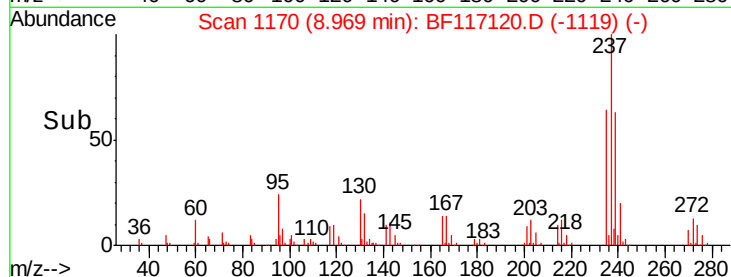
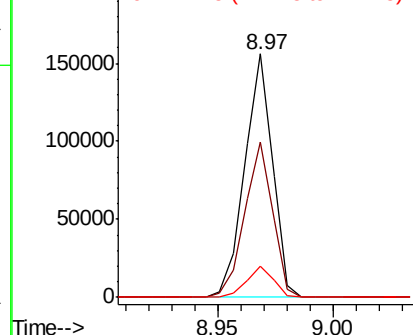


Abundance

Ion 236.80 (236.50 to 237.50): E

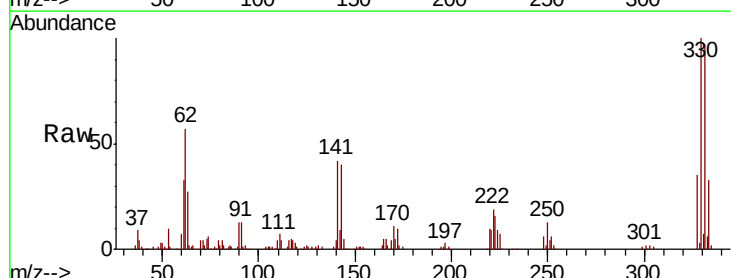
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 160.886 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	78.0	117.0
141	44.8	35.8	53.6

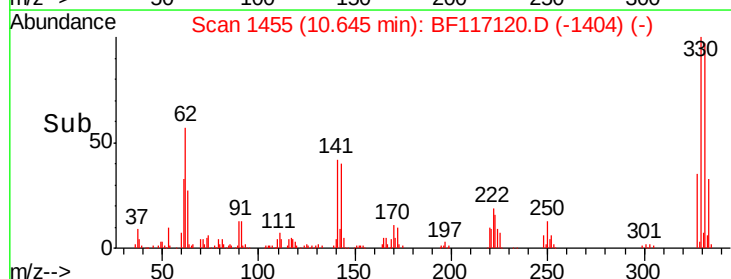
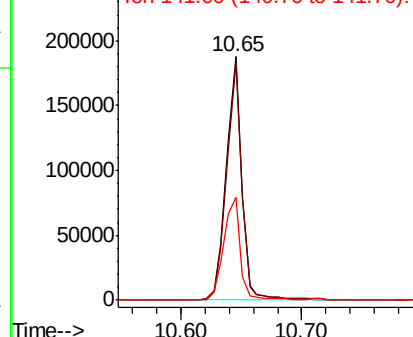


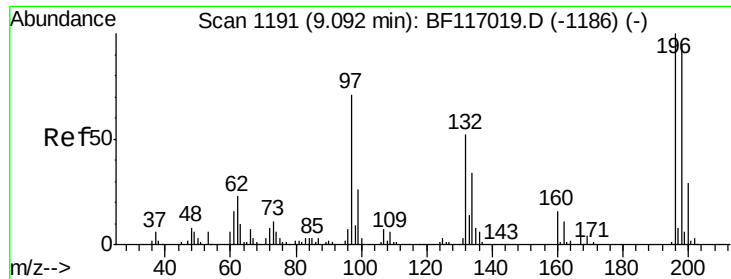
Abundance

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





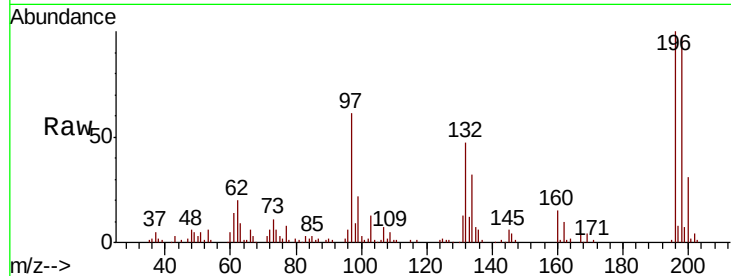
#43
2,4,6-Trichlorophenol
Concen: 53.671 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	117167		
198	96.8	75.7	113.5	
200	30.6	23.3	34.9	

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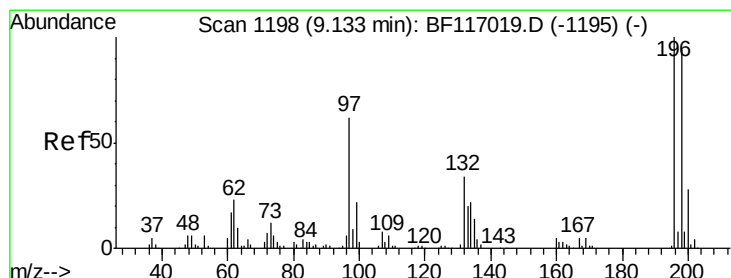
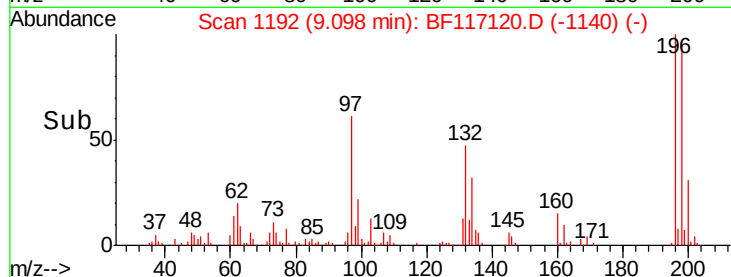
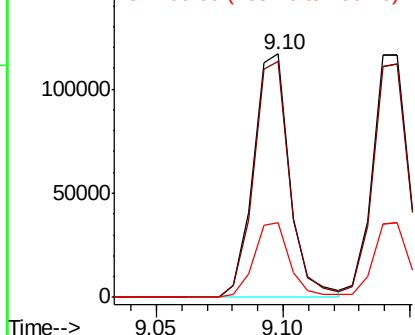


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 54.238 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	126506		
198	95.1	74.6	112.0	
97	67.8	49.5	74.3	
132	33.7	27.4	41.2	

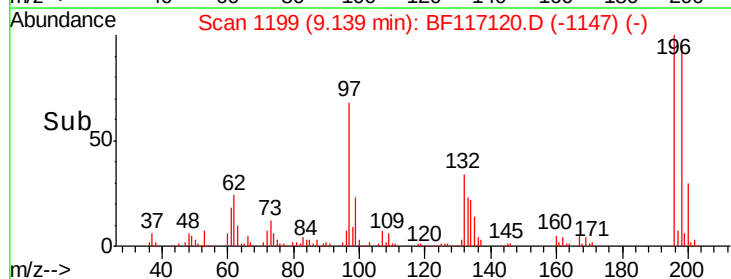
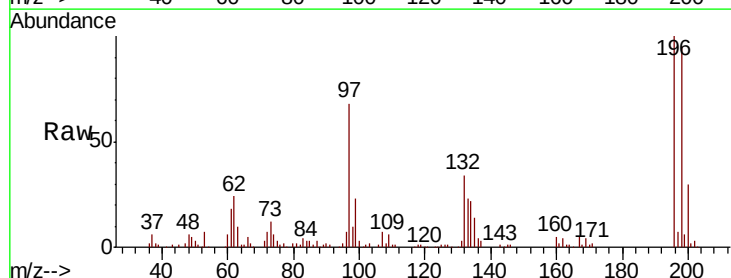
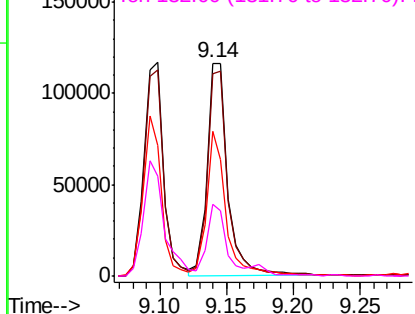
Abundance

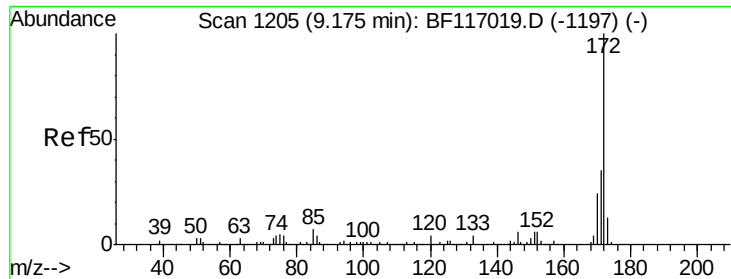
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





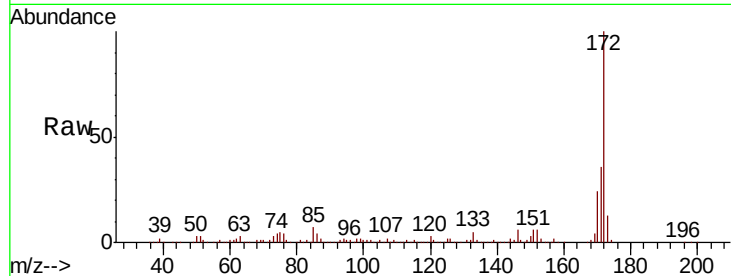
#45
2-Fluorobiphenyl
Concen: 103.868 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.2	42.2
170	23.9	18.9	28.3

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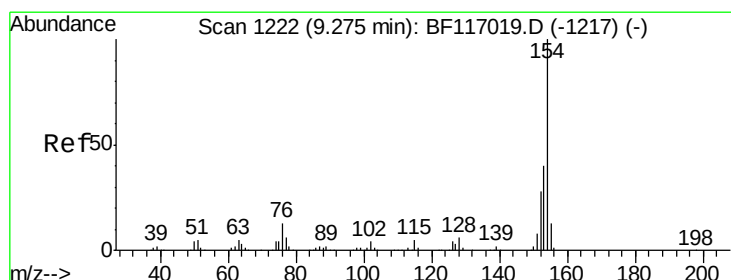
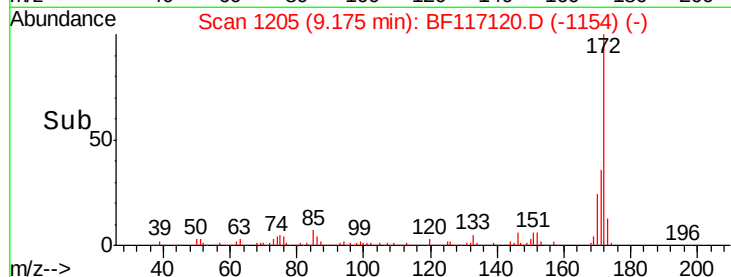
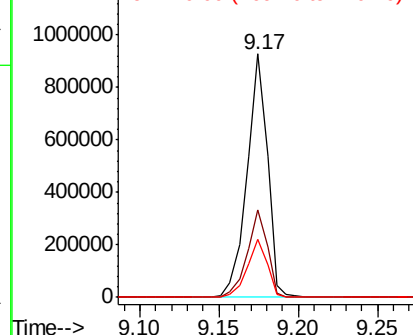


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 52.171 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

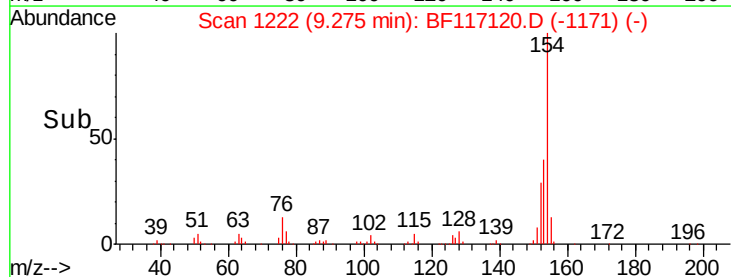
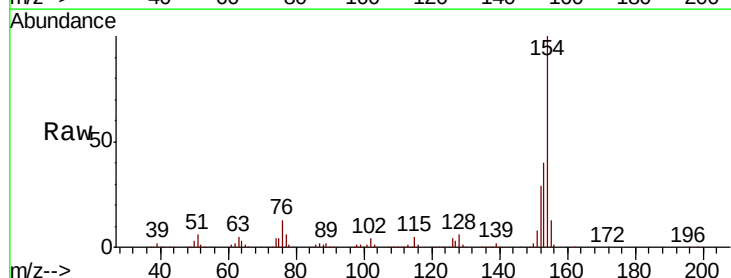
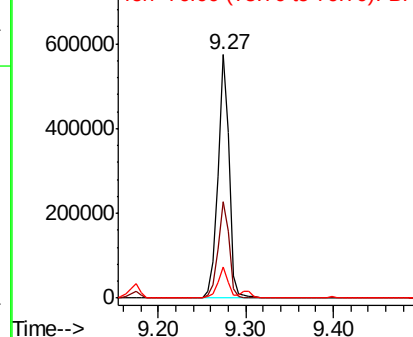
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.0	60.0
76	12.7	0.0	32.7

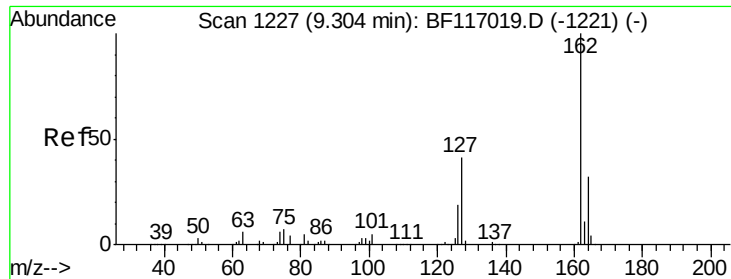
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





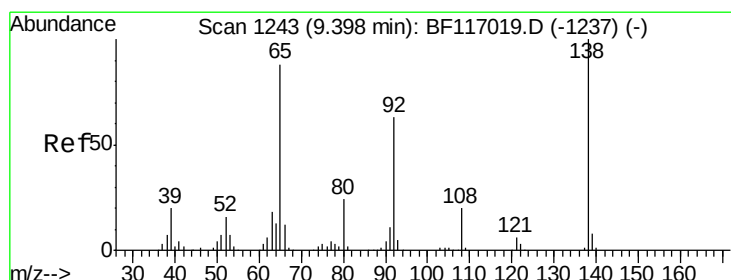
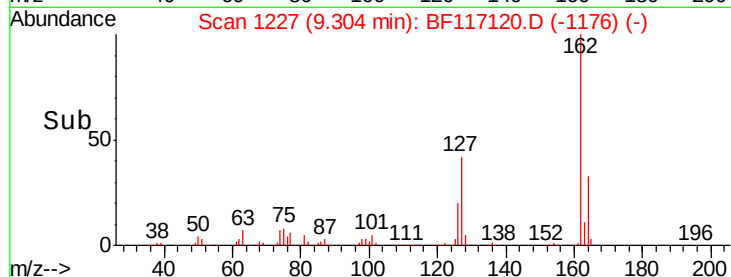
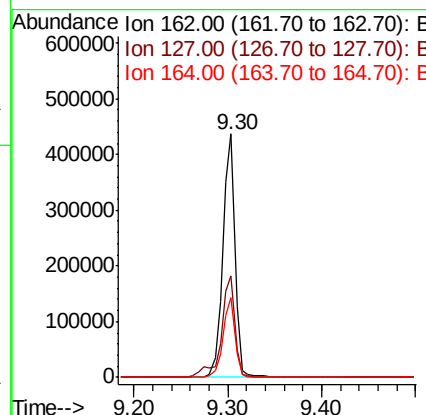
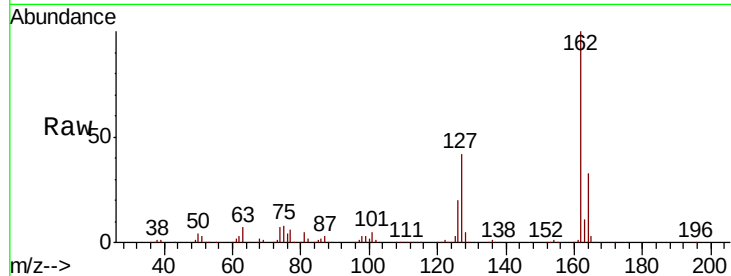
#47
2-Chloronaphthalene
Concen: 51.836 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.7	34.1	51.1	
164	32.9	25.9	38.9	

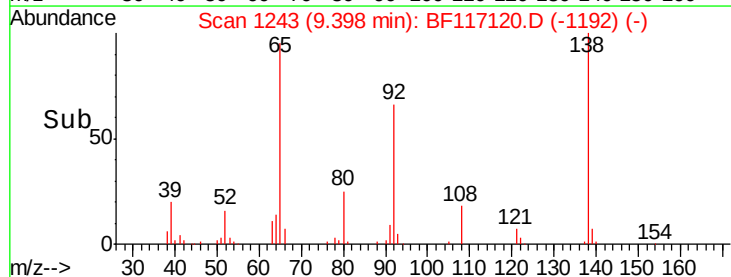
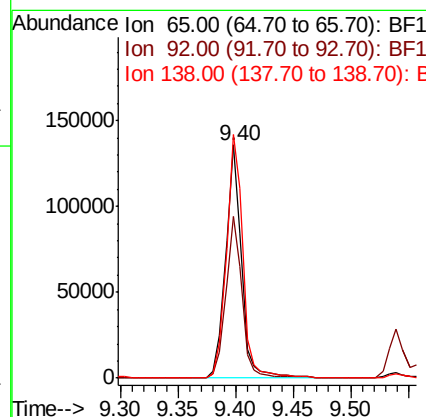
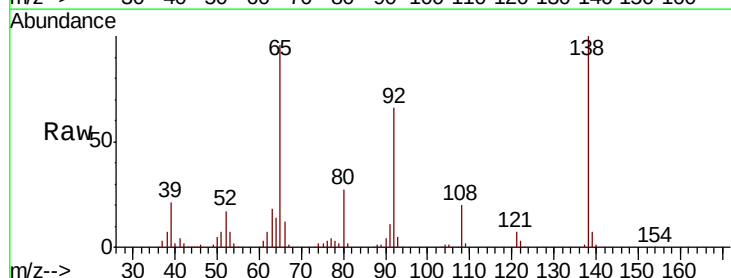
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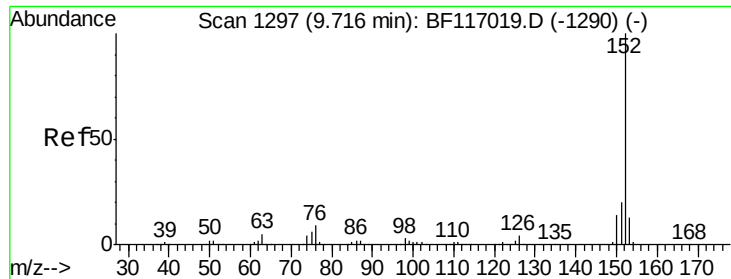
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#48
2-Nitroaniline
Concen: 52.556 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	69.4	57.5	86.3	
138	104.5	90.6	136.0	





#49

Acenaphthylene

Concen: 54.781 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

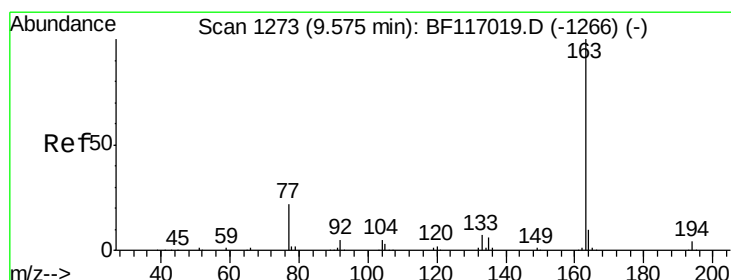
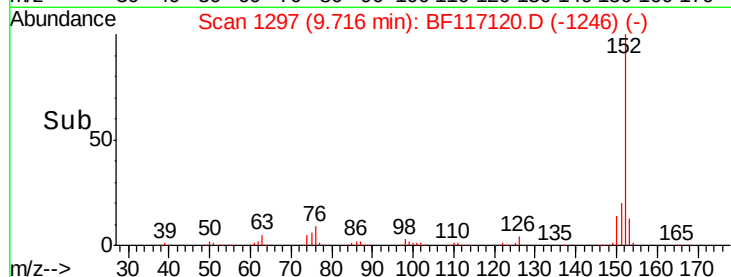
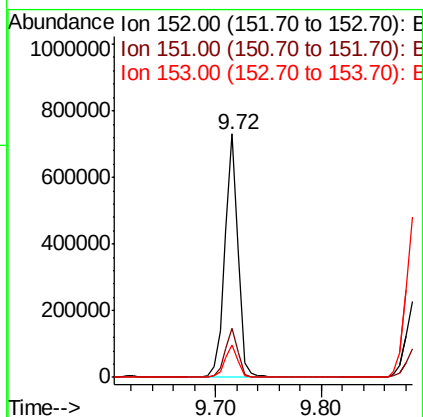
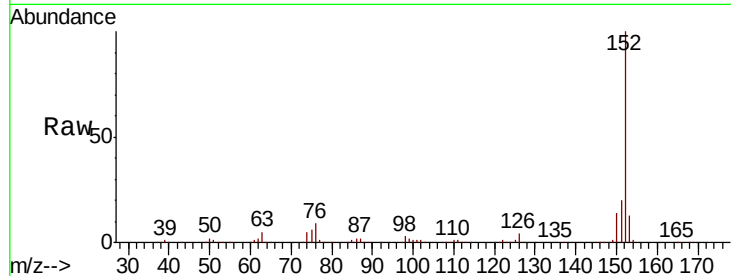
ClientSampleId :

HD-02-091319MS

Tot Ion:	152	Resp:	632887
Ion Ratio	Lower	Upper	
152	100		
151	20.2	16.2	24.2
153	13.1	10.2	15.4

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#50

Dimethylphthalate

Concen: 54.925 ng

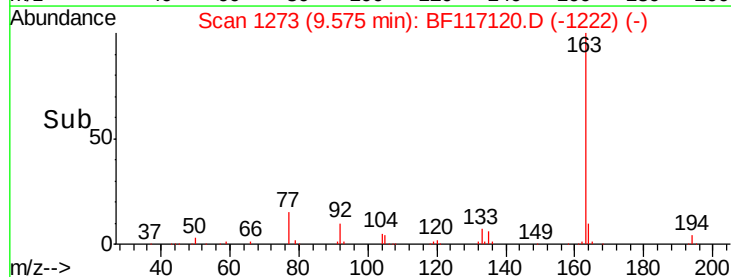
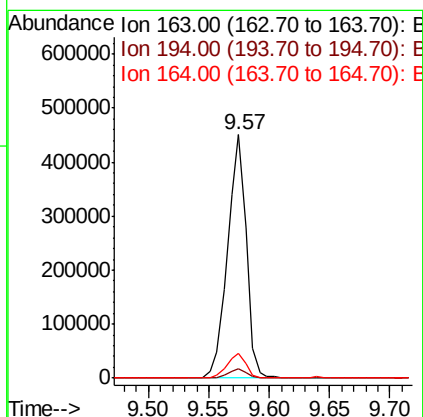
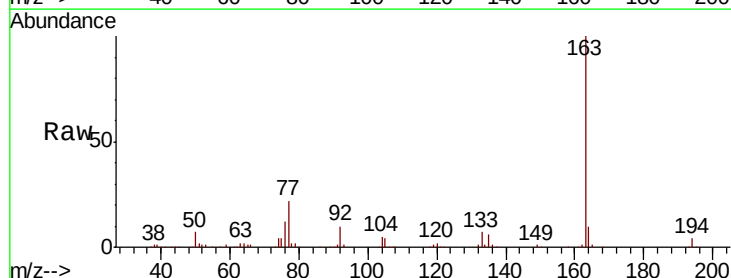
RT: 9.57 min Scan# 1273

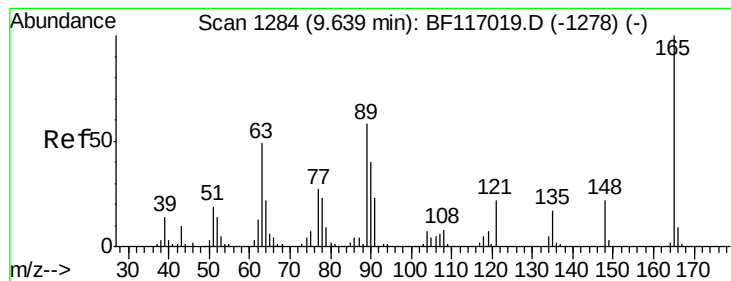
Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Tgt Ion:	163	Resp:	484475
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.9	4.3
164	10.2	8.2	12.4





#51

2,6-Dinitrotoluene

Concen: 57.587 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

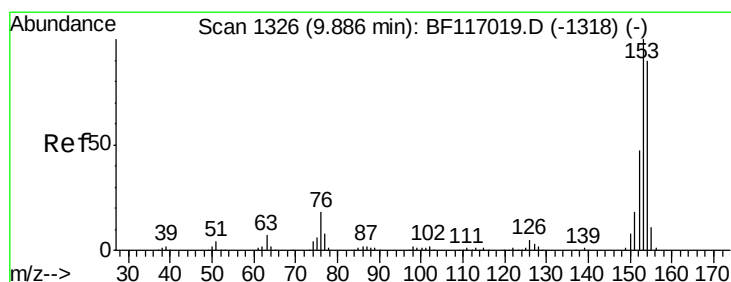
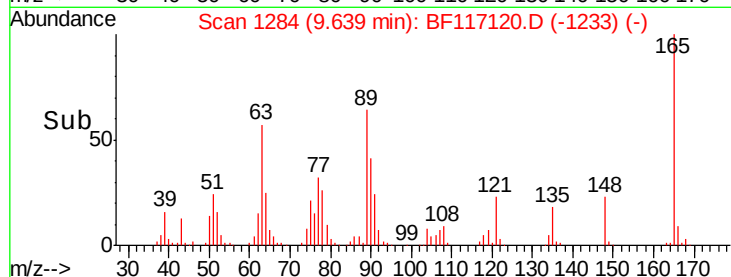
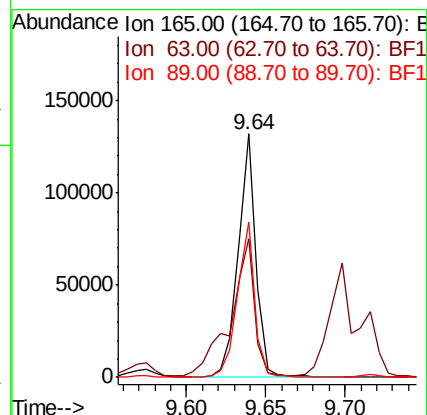
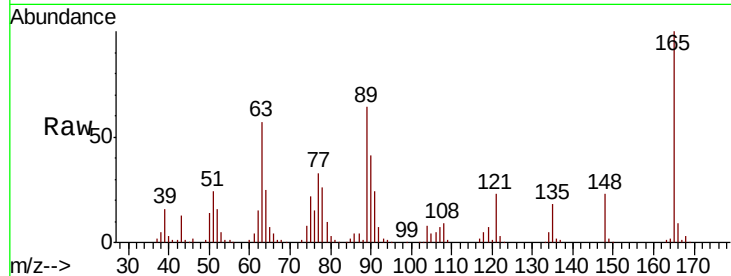
ClientSampleId :

HD-02-091319MS

Tot Ion:	165	Resp:	103454
Ion Ratio	Lower	Upper	
165	100		
63	56.9	41.8	62.8
89	63.9	46.5	69.7

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#52

Acenaphthene

Concen: 52.907 ng

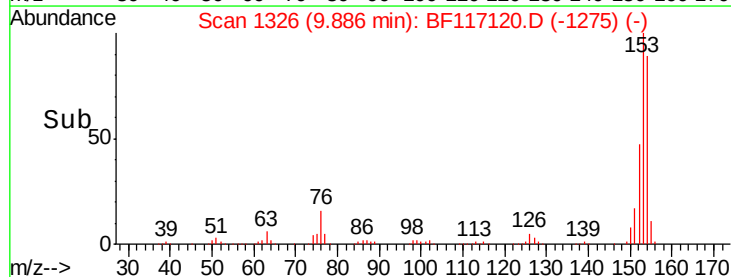
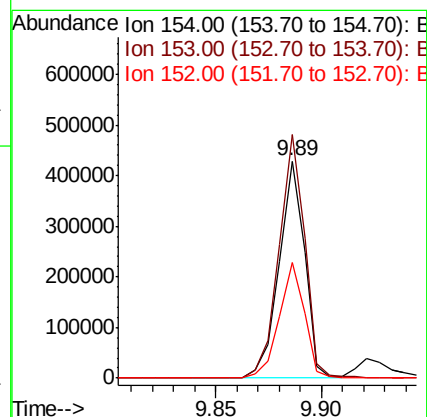
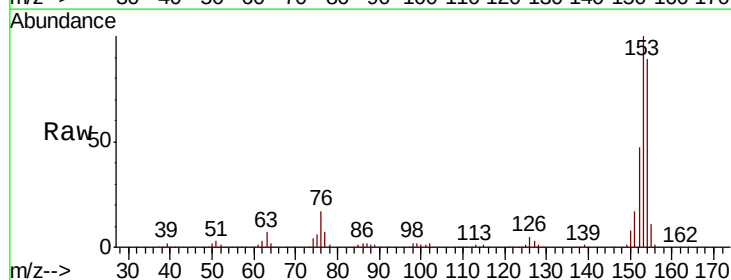
RT: 9.89 min Scan# 1326

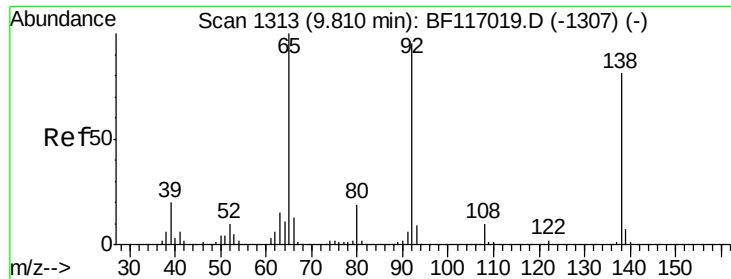
Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Tgt Ion:	154	Resp:	362330
Ion Ratio	Lower	Upper	
154	100		
153	112.1	89.0	133.6
152	53.1	41.9	62.9





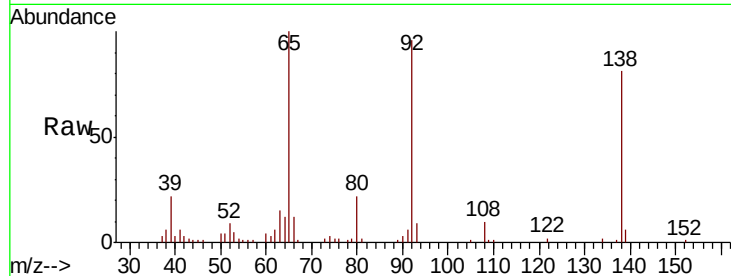
#53
3-Nitroaniline
Concen: 17.809 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.5	9.5	14.3
92	118.1	94.1	141.1

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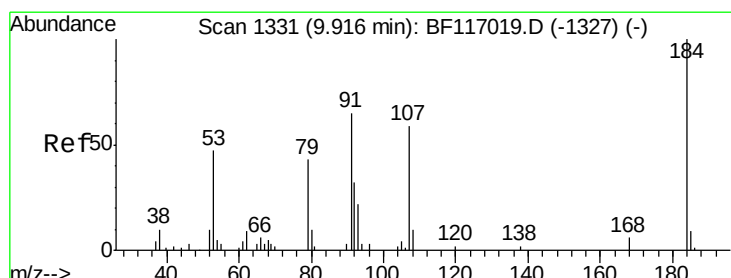
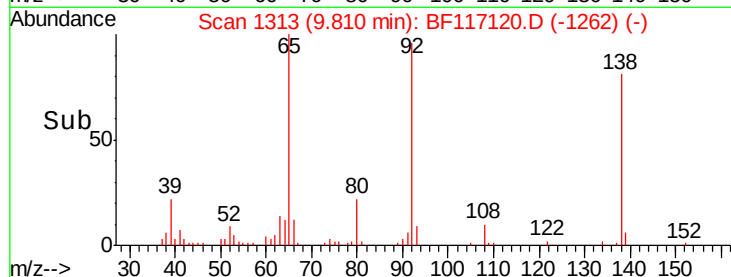
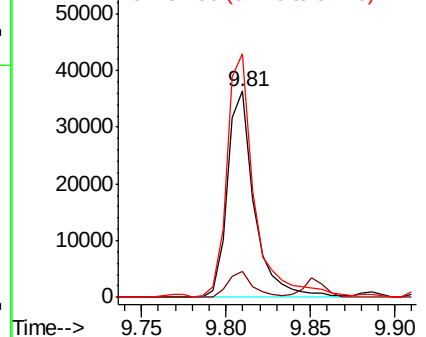


Abundance

Ion 138.00 (137.70 to 138.70): E

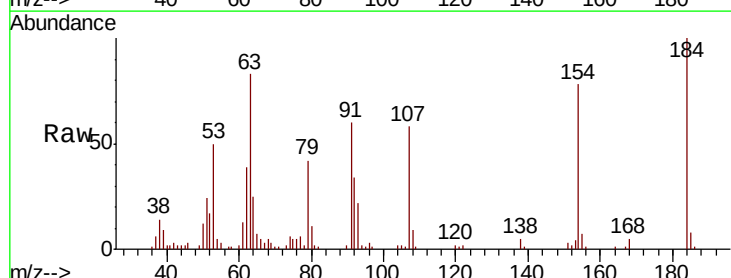
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 76.718 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	82.6	63.8	95.6
154	78.3	60.4	90.6

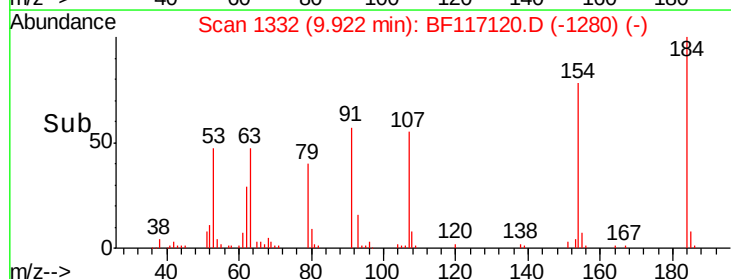
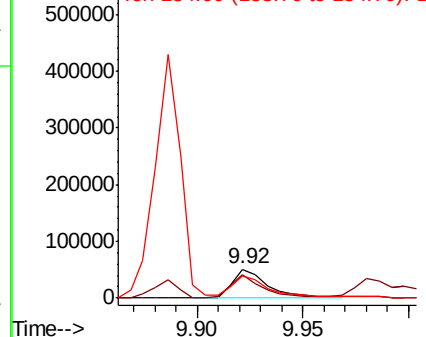


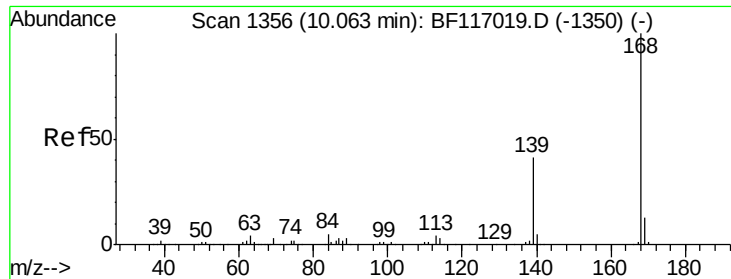
Abundance

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





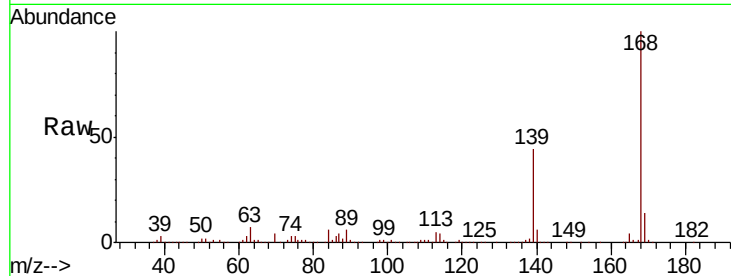
#55
Dibenzenofuran
Concen: 54.375 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.7	32.8	49.2
169	13.9	10.5	15.7

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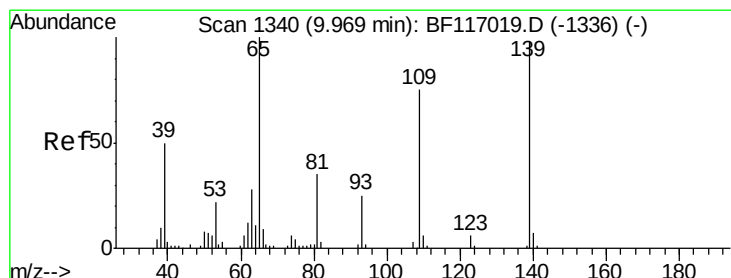
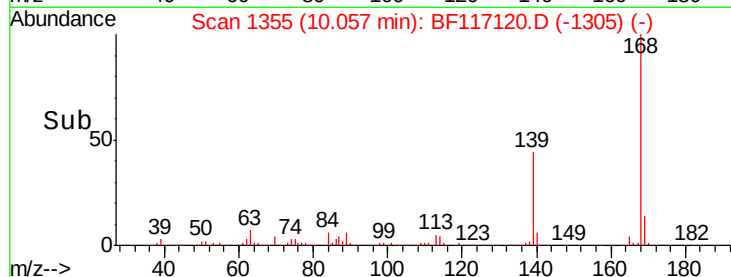
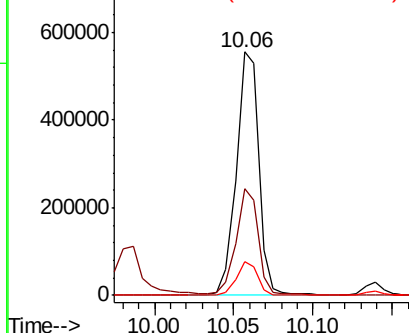


Abundance

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: 94.161 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

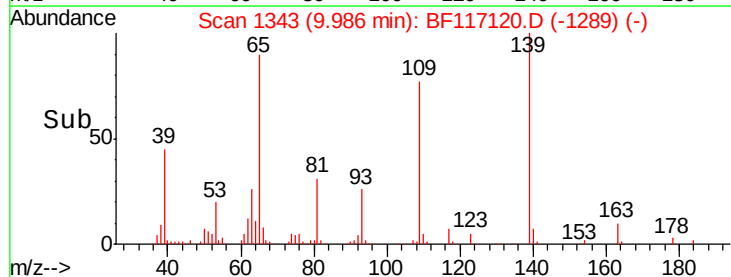
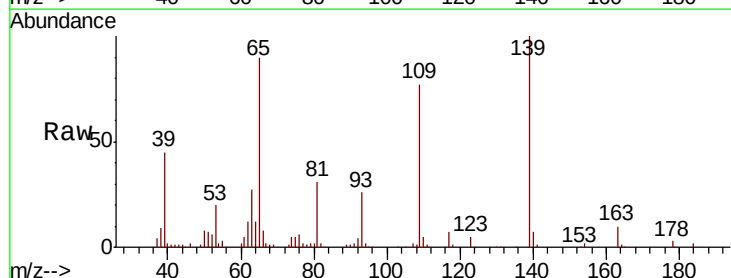
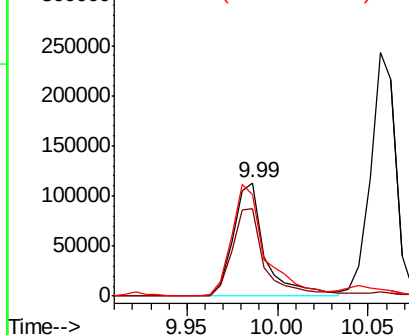
Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.1	56.4	96.4
65	89.9	82.5	122.5

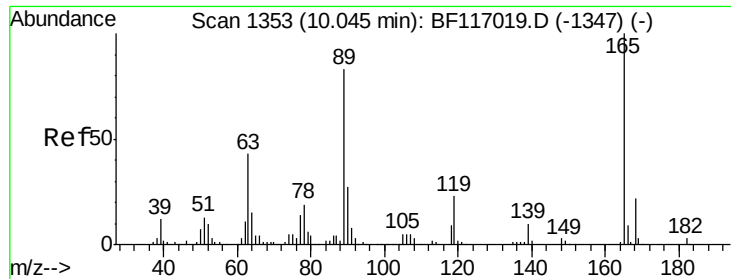
Abundance

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





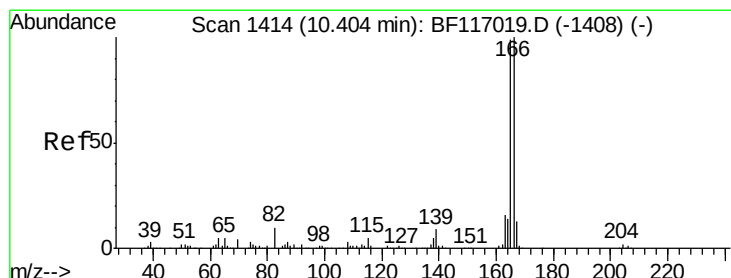
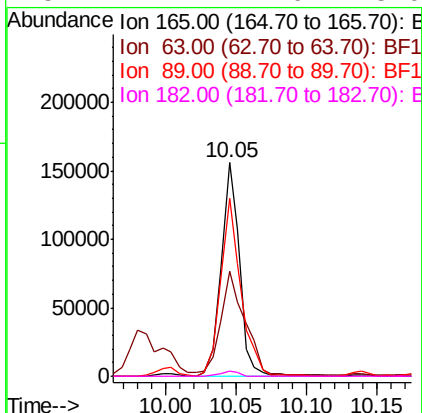
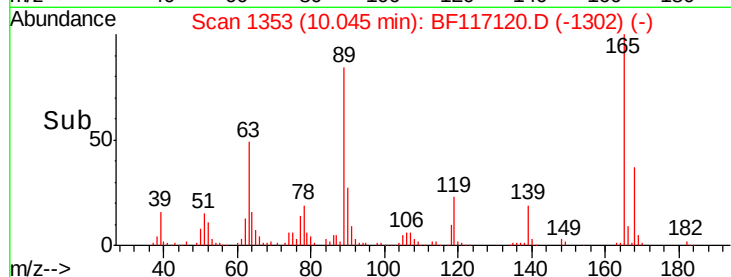
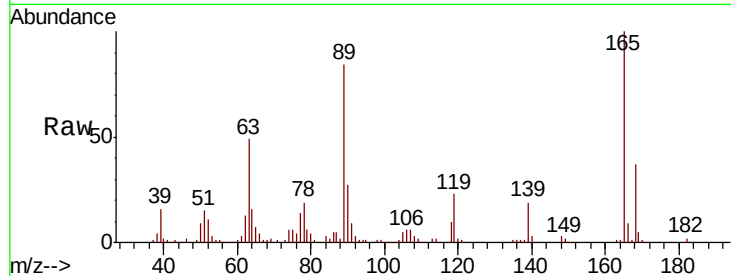
#57
2,4-Dinitrotoluene
Concen: 60.766 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		141701		
63	49.1	35.0	52.4		
89	83.6	66.1	99.1		
182	2.4	2.0	3.0		

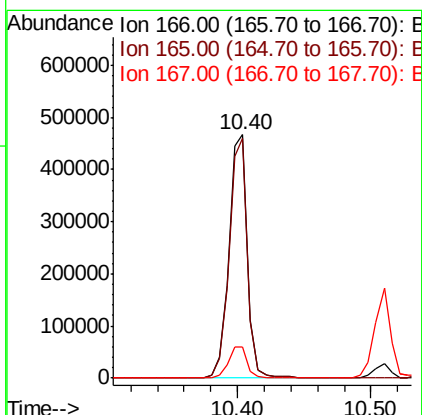
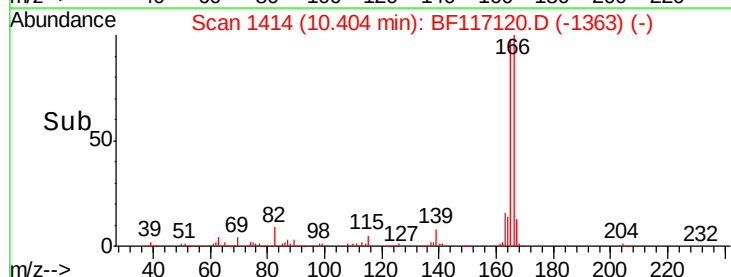
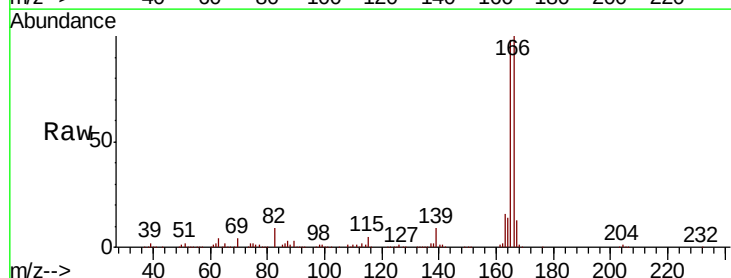
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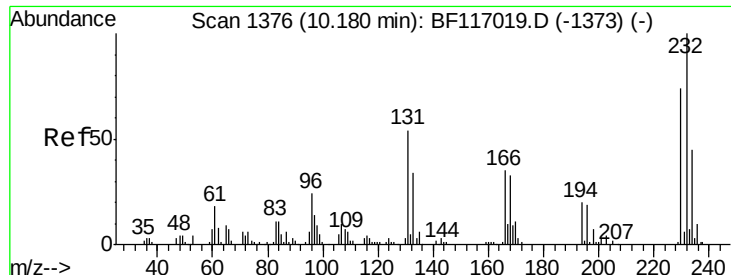
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#58
Fluorene
Concen: 55.890 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		454911		
165	98.3	78.9	118.3		
167	13.0	10.6	15.8		





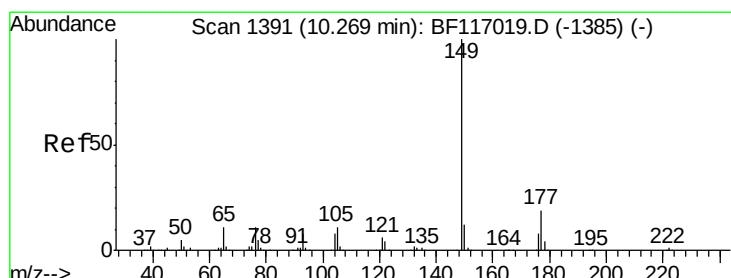
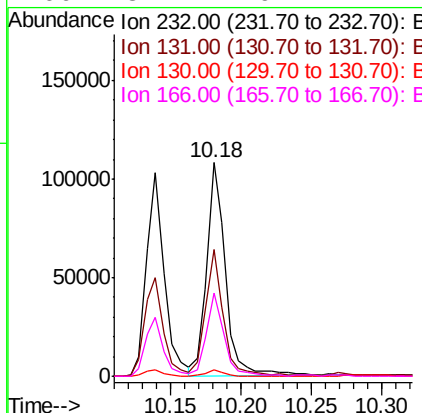
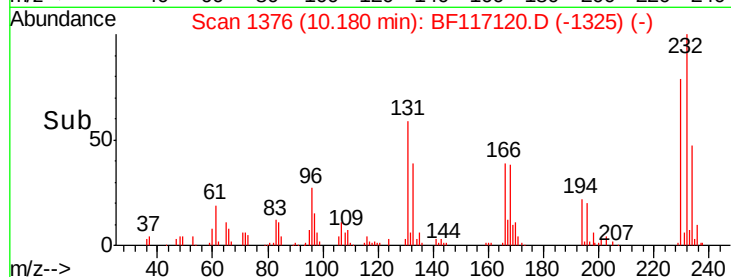
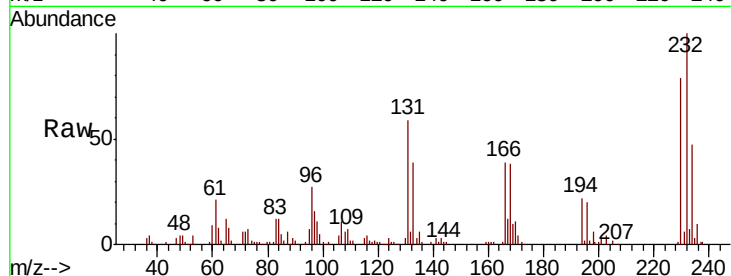
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.868 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319MS

Tot Ion	Ion	Ratio	Lower	Upper
232	100			
131	55.7	45.3	67.9	
130	2.7	1.8	2.8	
166	37.4	29.4	44.2	

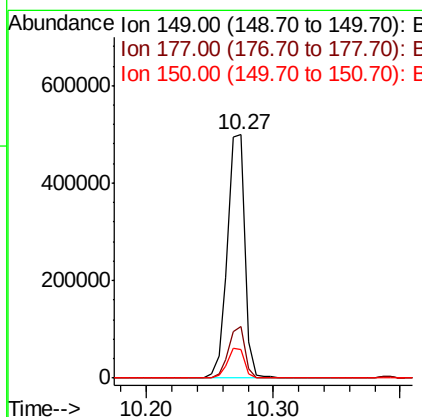
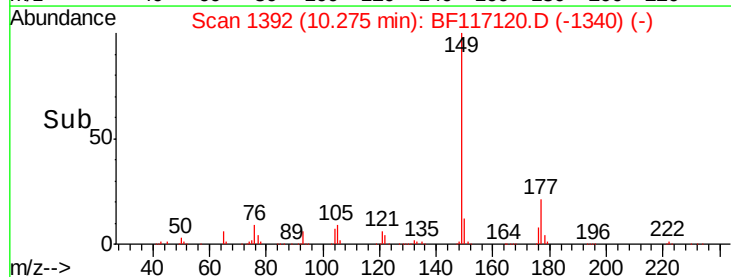
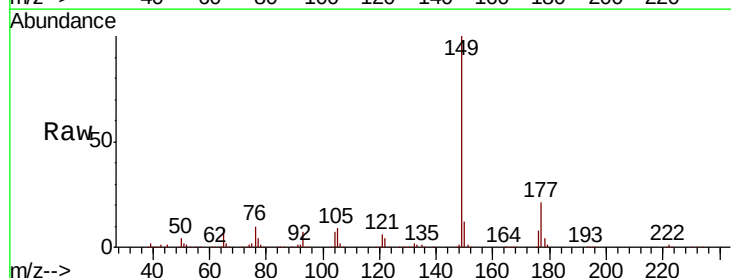
Manual Integrations
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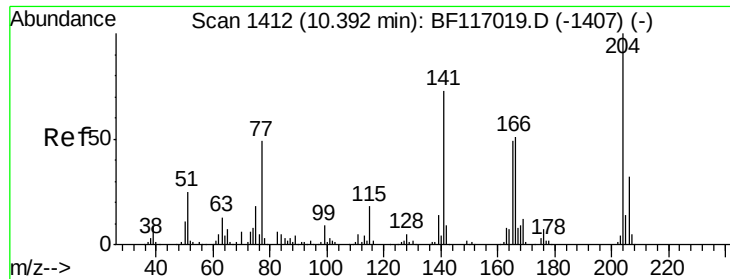
mohammad
 9/19/2019 4:45:18 PM



#60
 Diethylphthalate
 Concen: 54.978 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
177	21.1	15.2	22.8	
150	11.9	9.9	14.9	





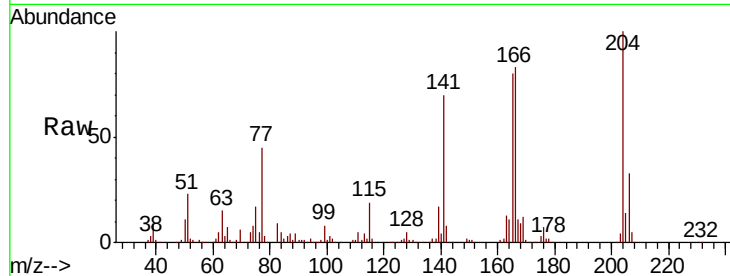
#61
4-Chlorophenyl-phenylether
Concen: 54.373 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.0	39.0
141	69.8	58.2	87.2

Manual Integrations
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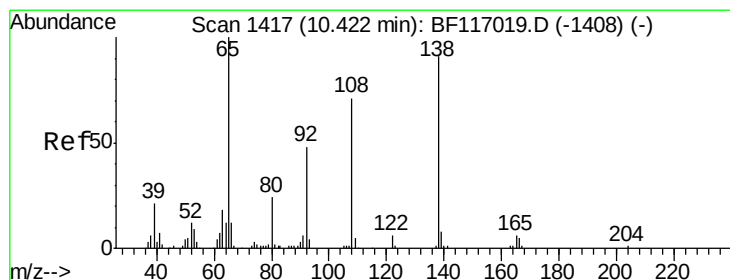
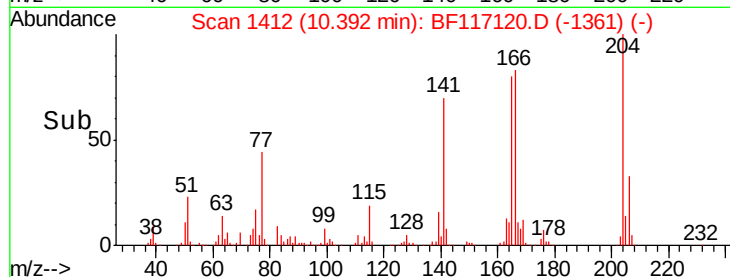
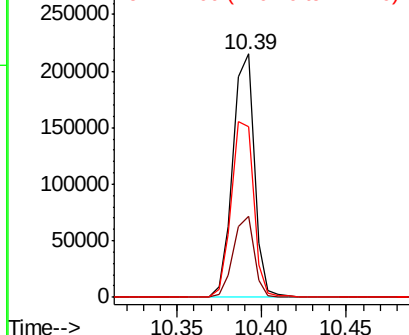


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 48.909 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

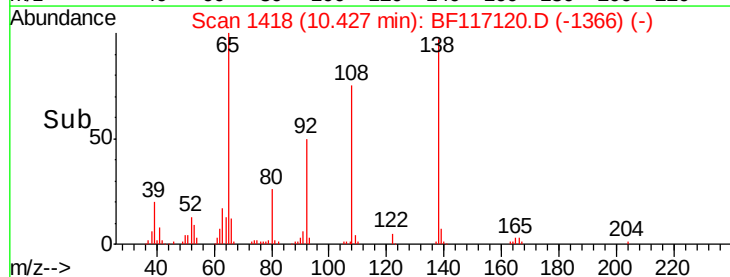
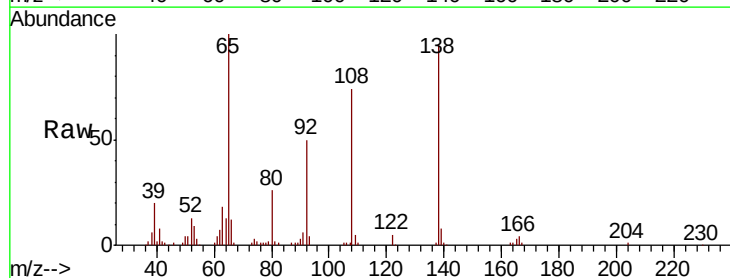
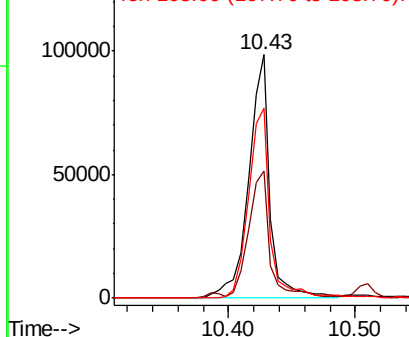
Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.2	32.9	72.9
108	78.2	58.3	98.3

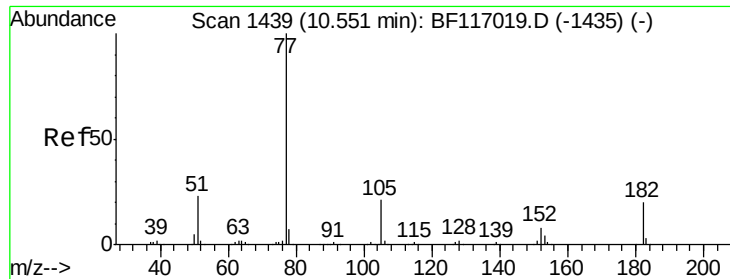
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





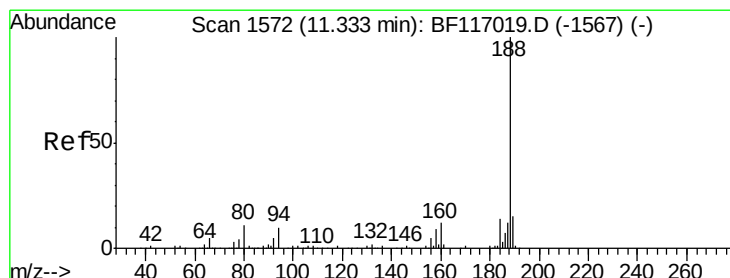
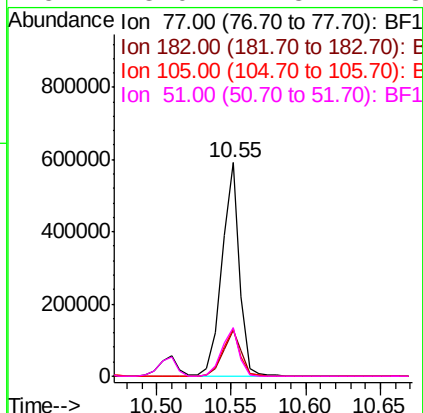
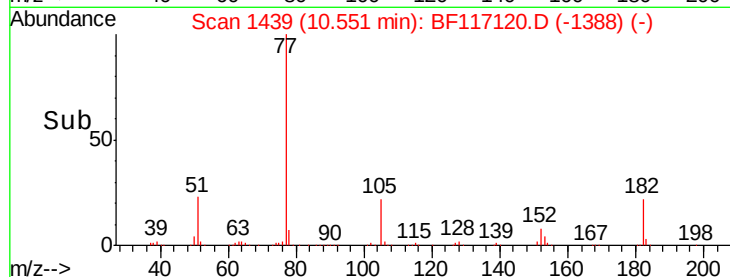
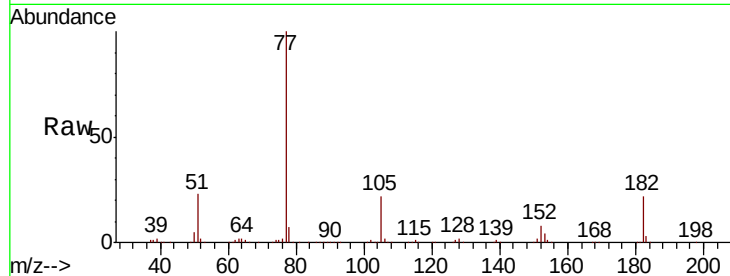
#63
Azobenzene
Concen: 54.759 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		485331		
182	21.8	0.4	40.4		
105	21.9	0.9	40.9		
51	23.0	2.8	42.8		

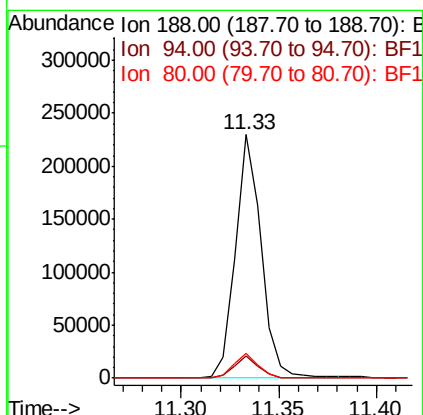
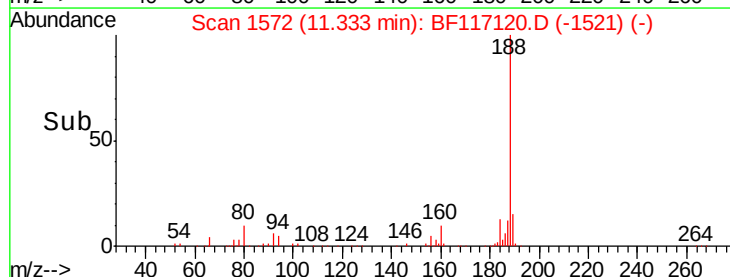
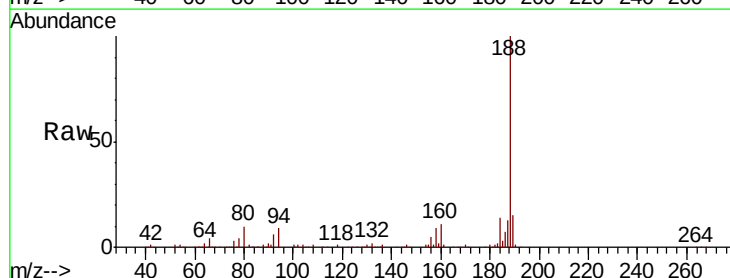
Manual Integrations
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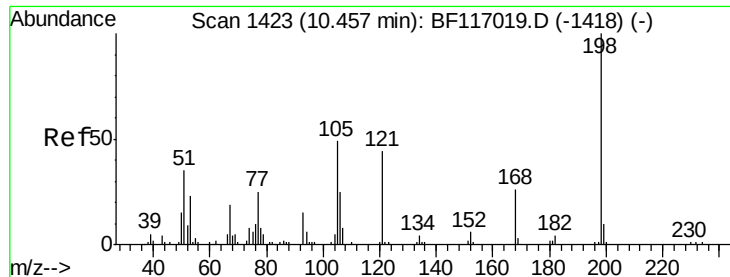
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		209740		
94	9.3	8.2	12.2		
80	10.3	9.0	13.6		





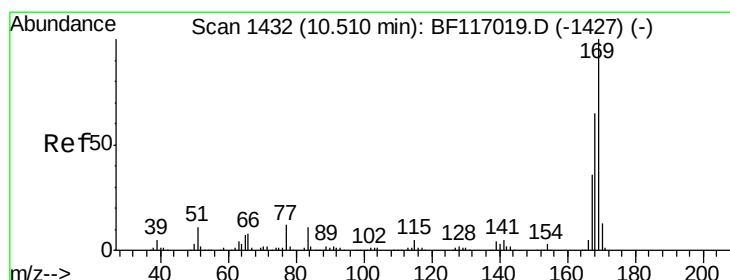
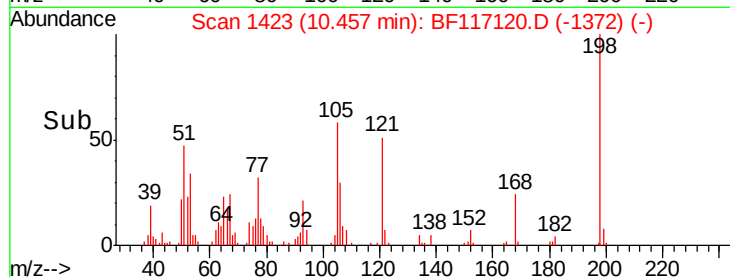
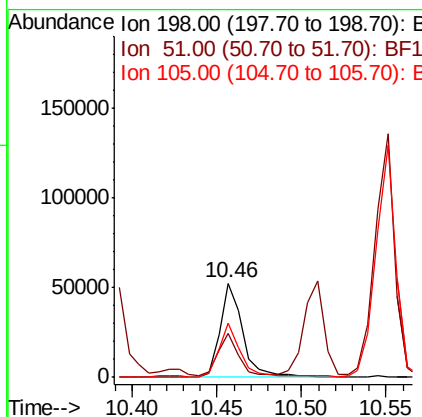
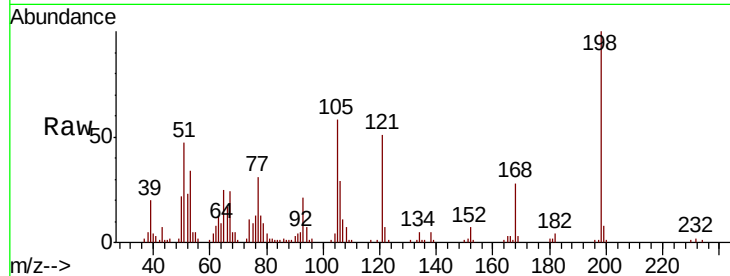
#65
4,6-Dinitro-2-methylphenol
Concen: 51.025 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	47.4	18.7	58.7
105	57.5	30.2	70.2

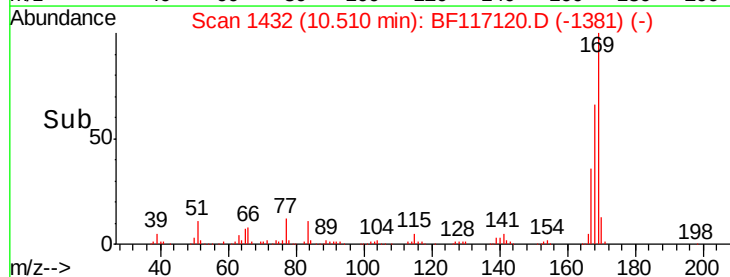
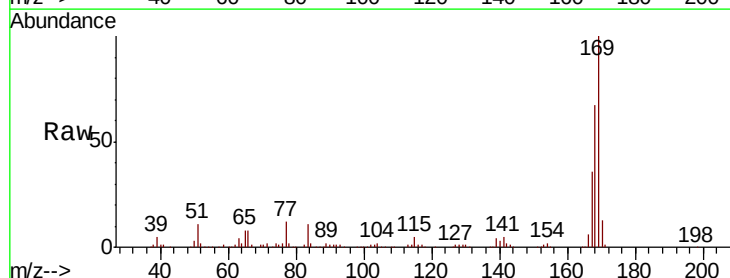
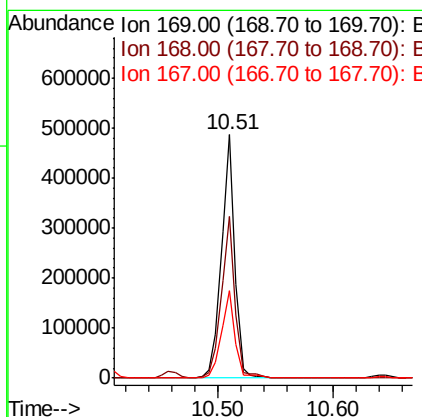
Manual Integrations
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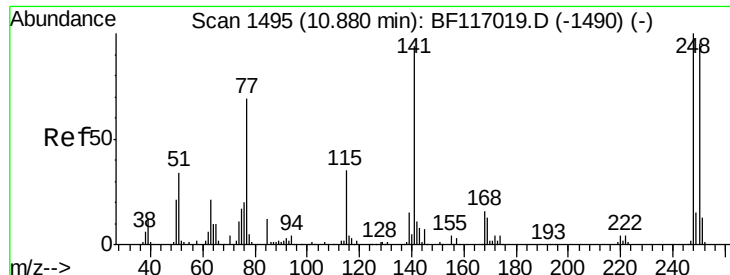
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 54.215 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	52.2	78.2
167	35.7	28.8	43.2





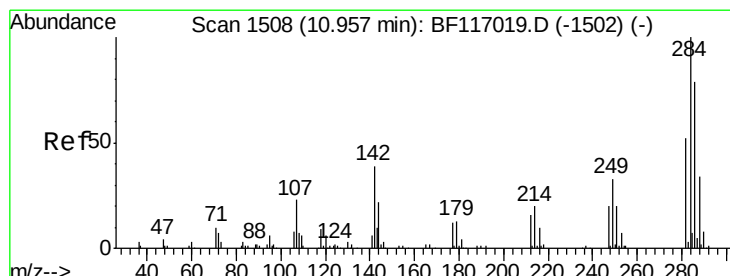
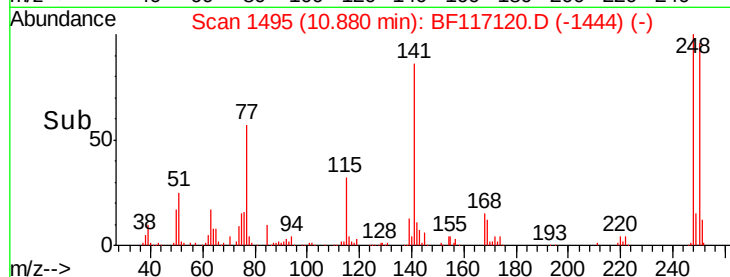
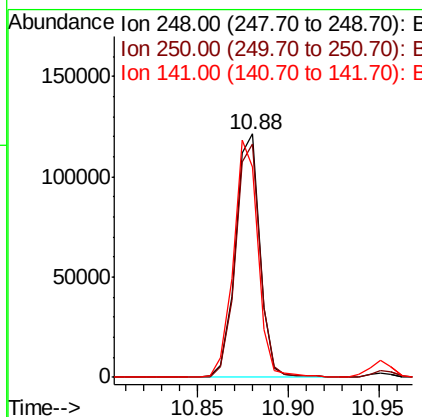
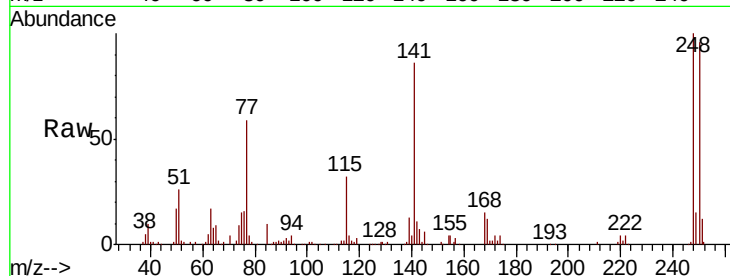
#67
 4-Bromophenyl-phenylether
 Concen: 53.438 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319MS

Tot Ion:	248	Resp:	114462
Ion Ratio	Lower	Upper	
248	100		
250	96.0	76.2	114.4
141	86.4	75.0	112.4

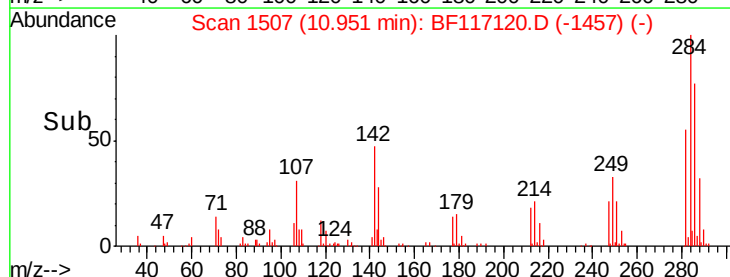
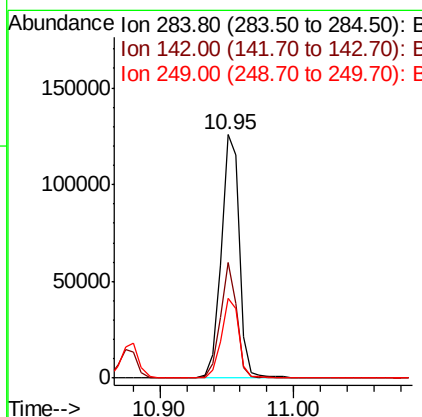
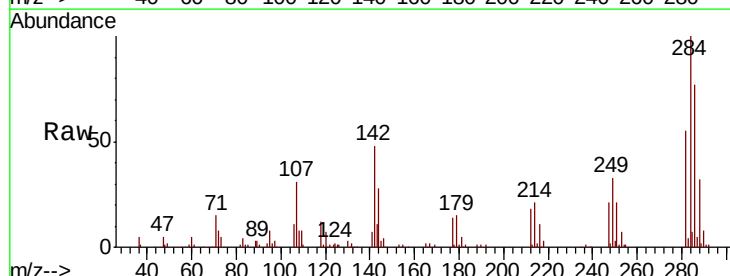
Manual Integrations
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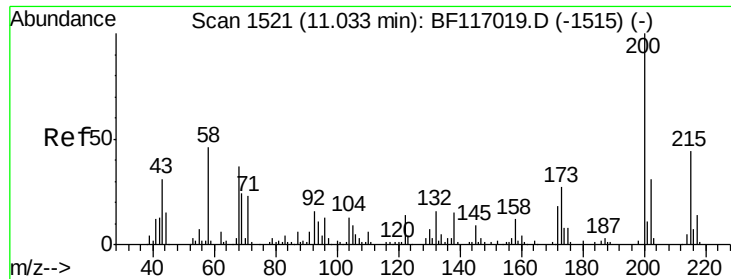
mohammad
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#68
 Hexachlorobenzene
 Concen: 51.710 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Tgt Ion:	284	Resp:	121145
Ion Ratio	Lower	Upper	
284	100		
142	47.7	31.4	47.2#
249	33.0	26.5	39.7





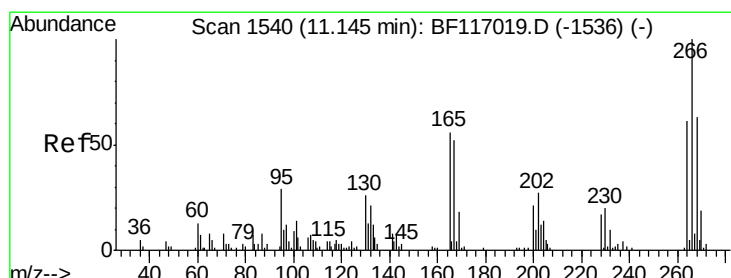
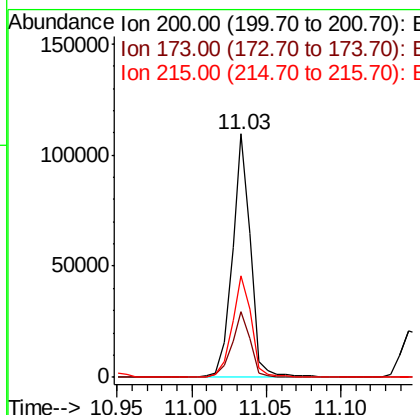
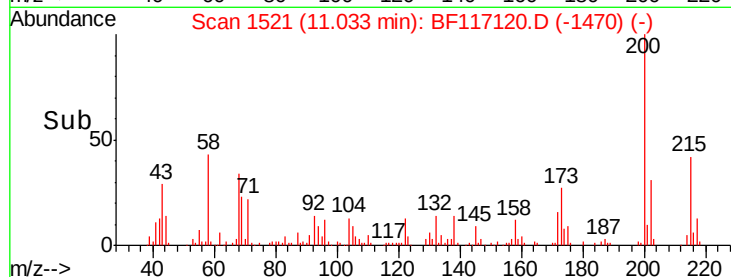
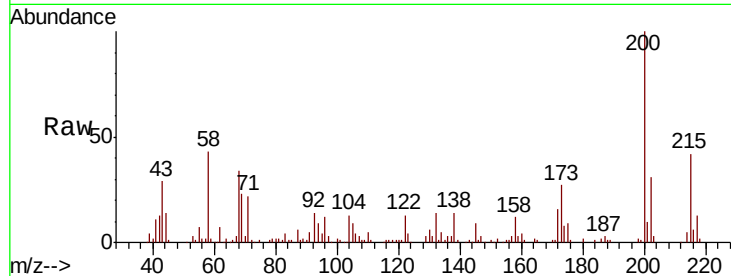
#69
Atrazine
Concen: 55.615 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.9	46.9
215	41.9	23.8	63.8

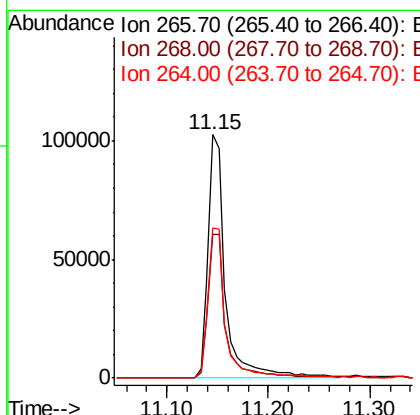
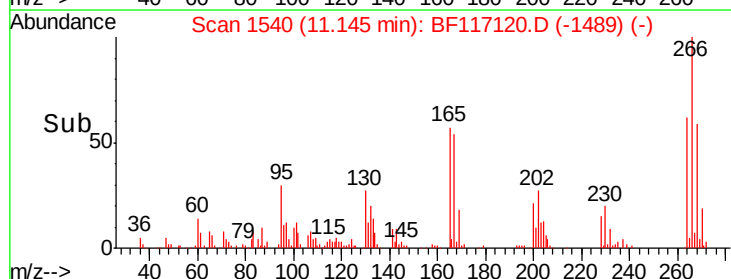
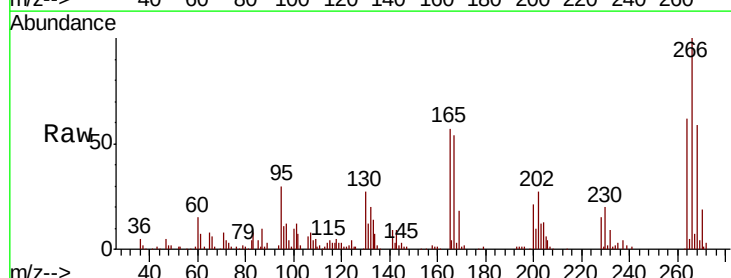
Manual Integrations
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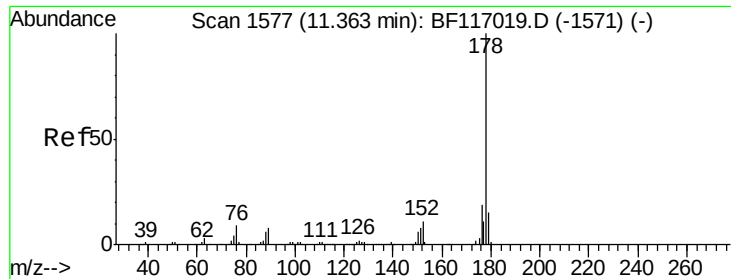
mohammad
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#70
Pentachlorophenol
Concen: 111.752 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	59.0	50.5	75.7
264	61.6	48.8	73.2





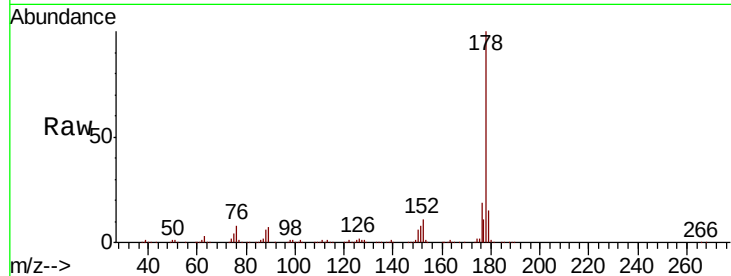
#71
Phenanthrene
Concen: 54.014 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

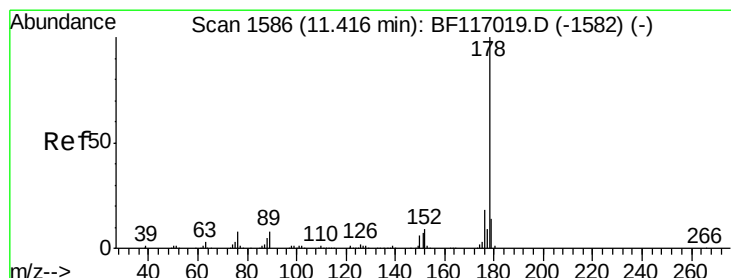
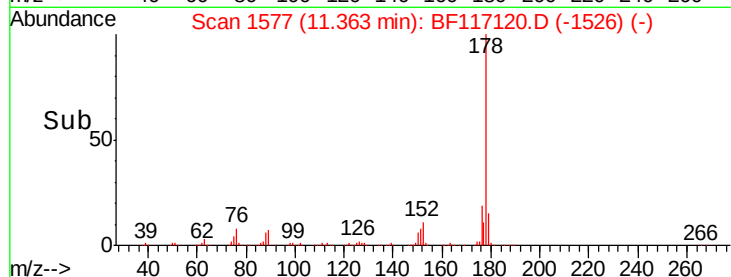
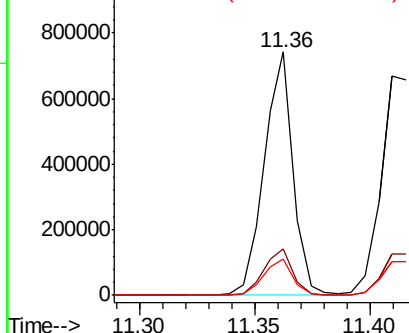
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	14.7	12.4	18.6

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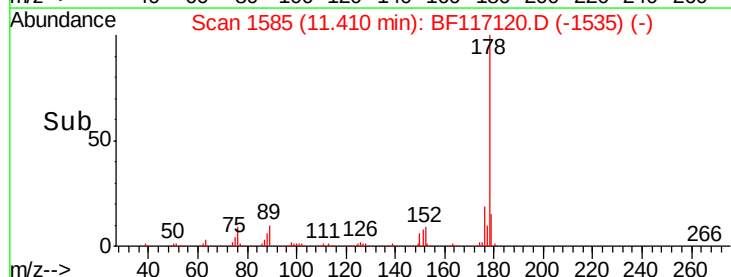
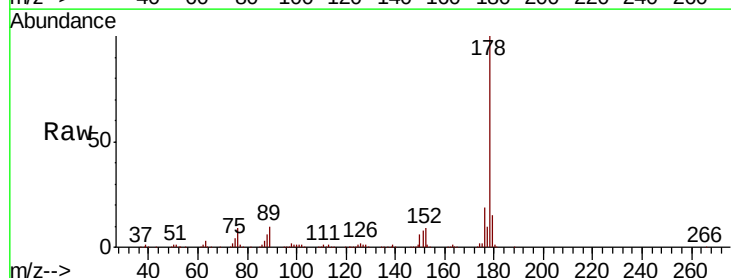
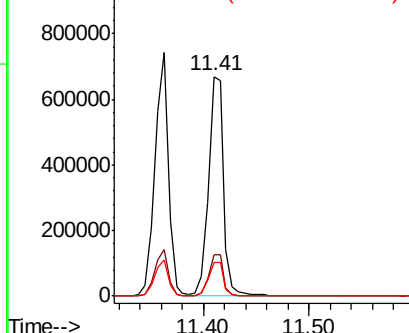
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

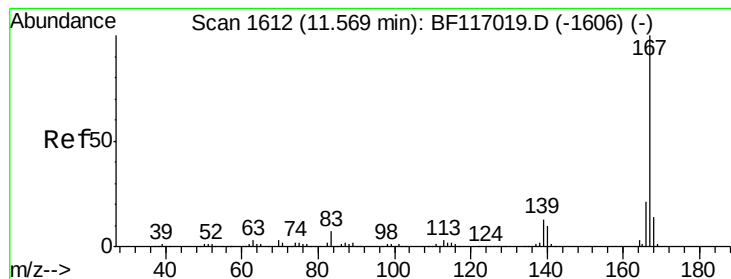


#72
Anthracene
Concen: 55.159 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	21.8
179	15.4	11.6	17.4

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





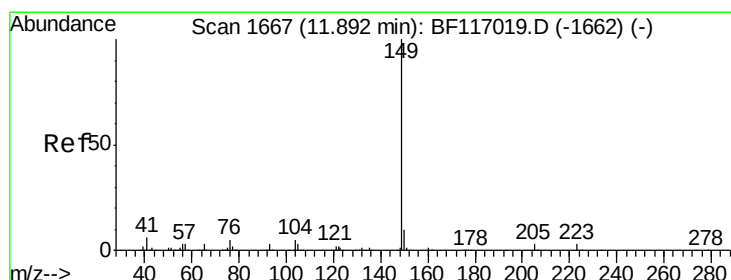
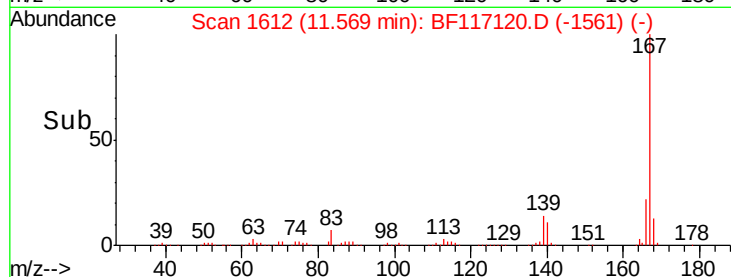
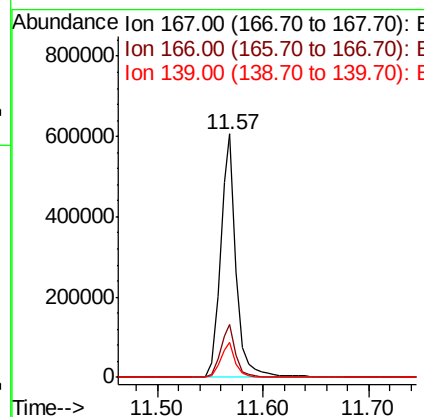
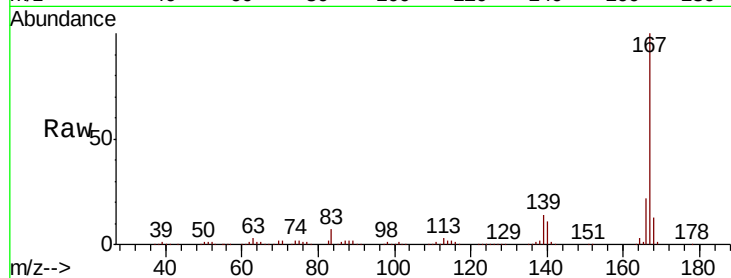
#73
 Carbazole
 Concen: 54.497 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.2	25.8
139	14.2	10.6	16.0

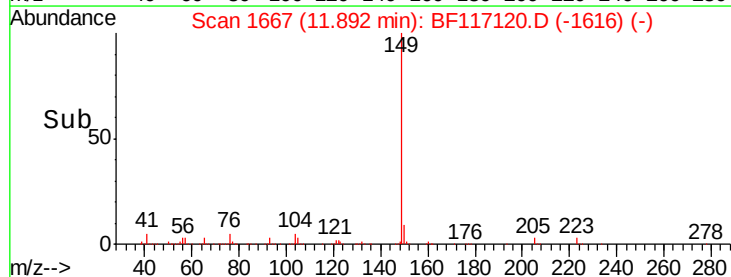
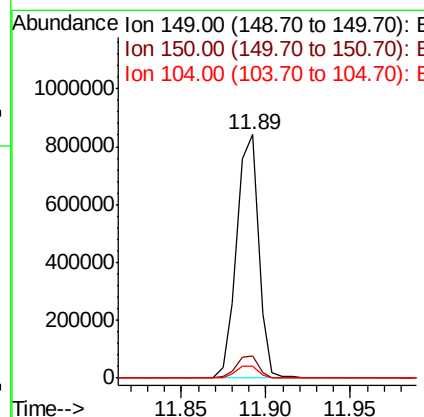
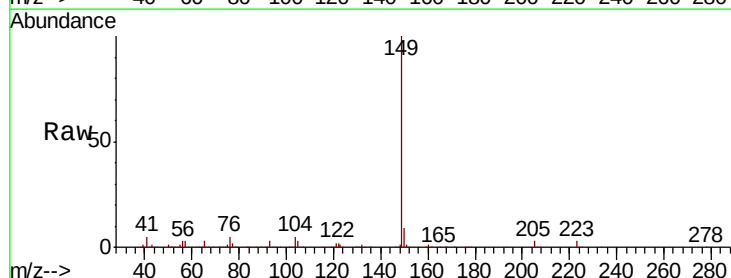
Manual Integrations
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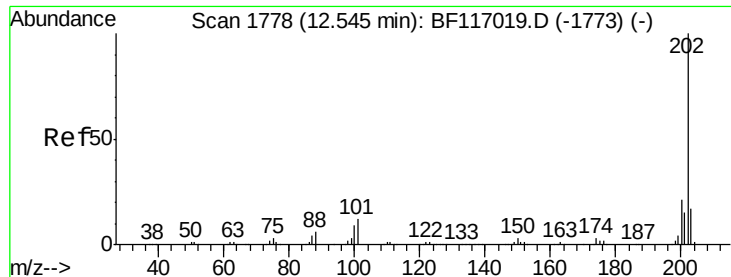
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#74
 Di-n-butylphthalate
 Concen: 55.350 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	5.1	4.2	6.4





#75

Fluoranthene

Concen: 53.326 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

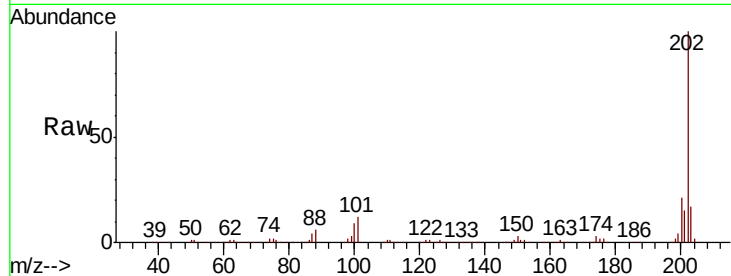
ClientSampleId :

HD-02-091319MS

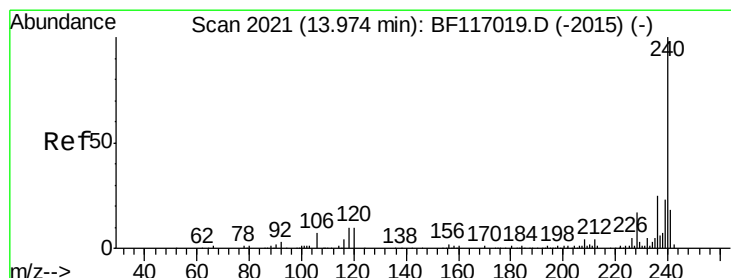
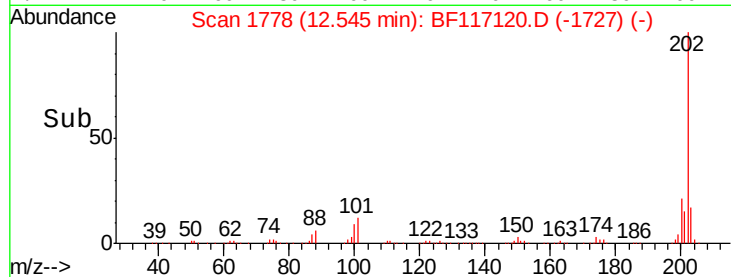
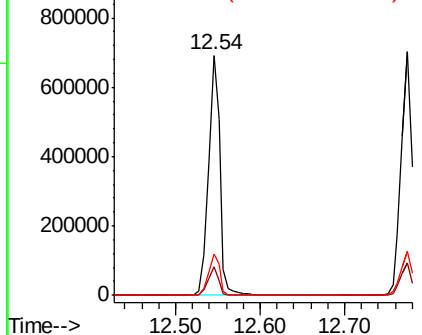
Tot Ion	Ratio	Resp	Lower	Upper
202	100	652754		
101	11.7		0.0	32.3
203	17.3		0.0	37.1

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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

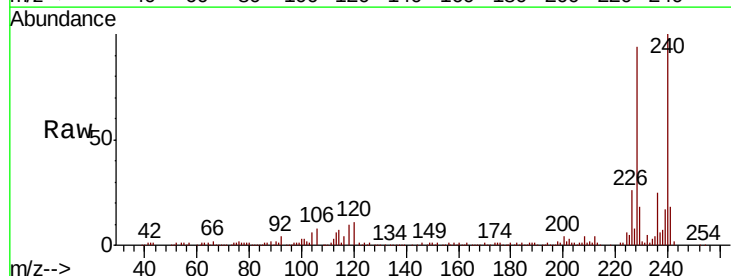
RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

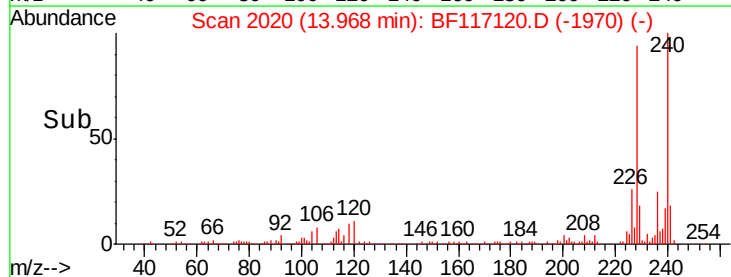
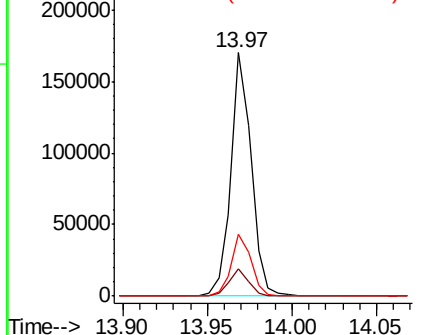
Lab File: BF117120.D

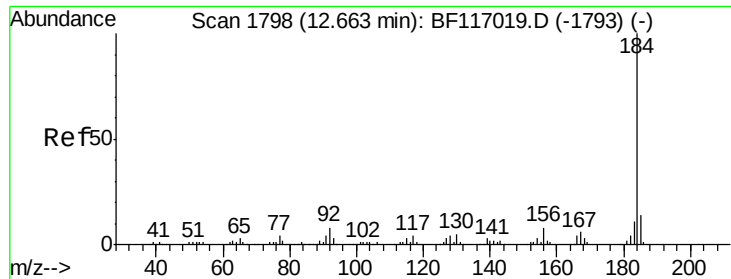
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	141780		
120	11.1		8.3	12.5
236	25.2		20.3	30.5



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: 0.398 ng/mL

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

Instrument :

BNA_F

ClientSampleId :

HD-02-091319MS

Tot Ion:184 Resp: 1819

Ion Ratio Lower Upper

184 100

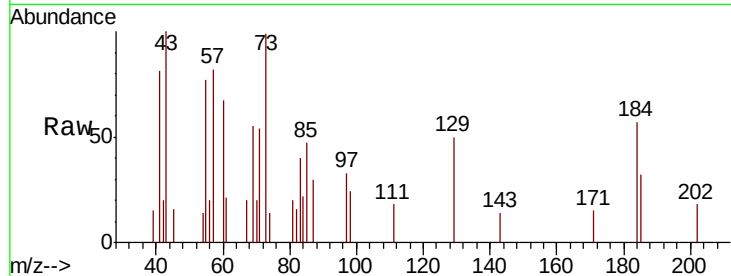
185 56.7 11.6 17.4#

183 0.0 9.0 13.4#

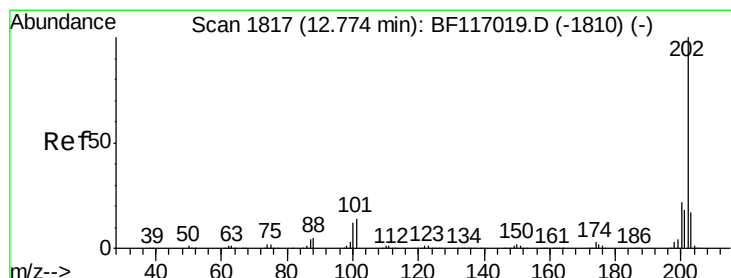
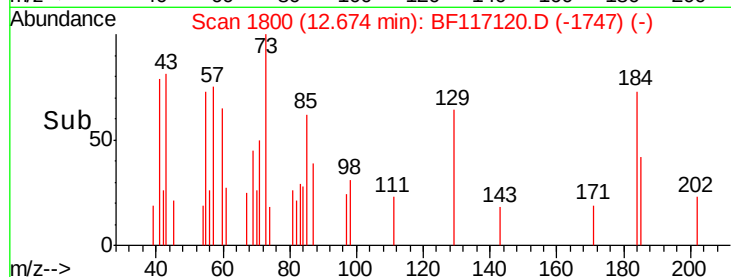
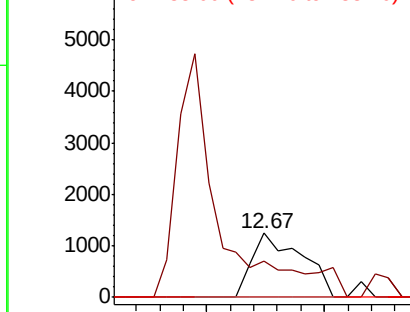
Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 54.801 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF117120.D

Acq: 17 Sep 2019 21:17

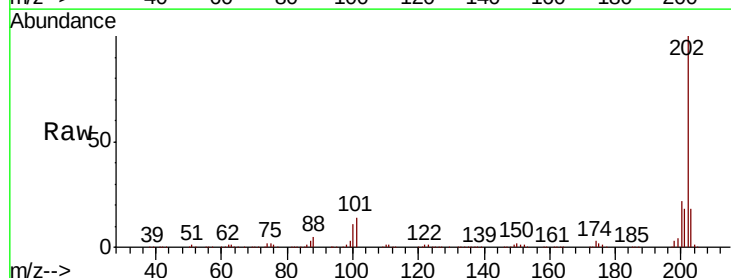
Tgt Ion:202 Resp: 651935

Ion Ratio Lower Upper

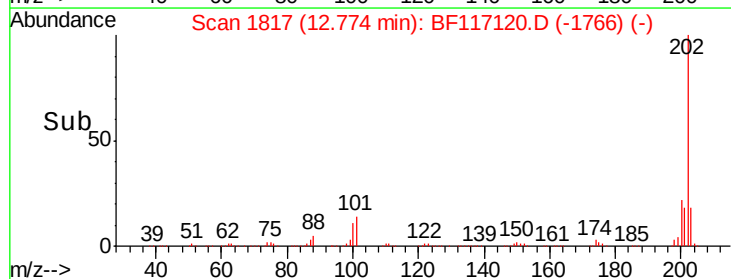
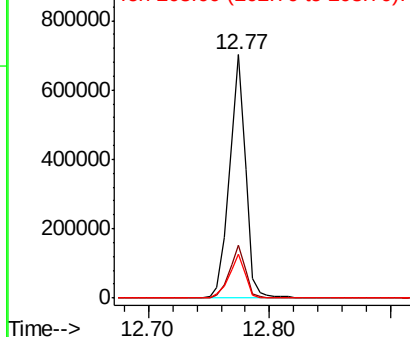
202 100

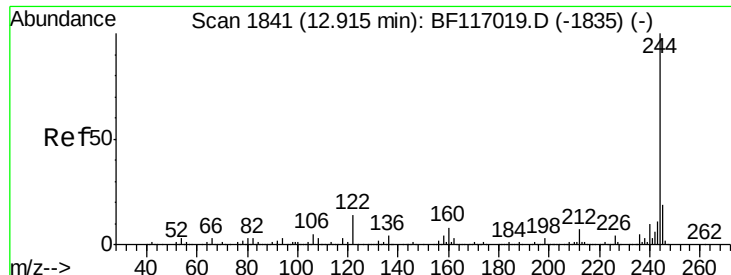
200 21.8 17.2 25.8

203 17.9 14.0 21.0



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





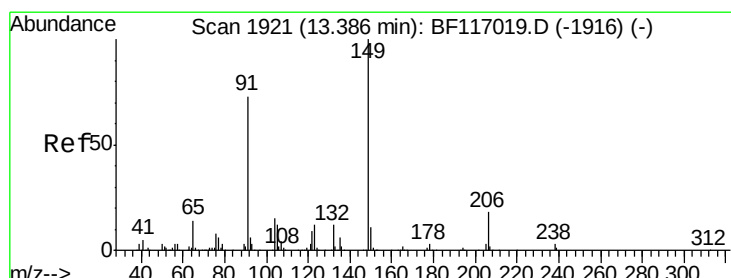
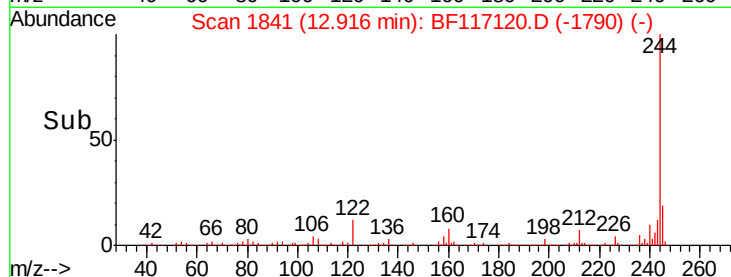
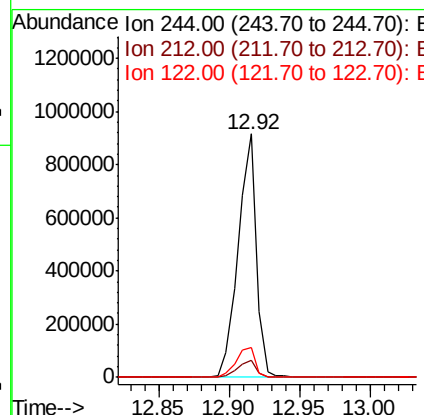
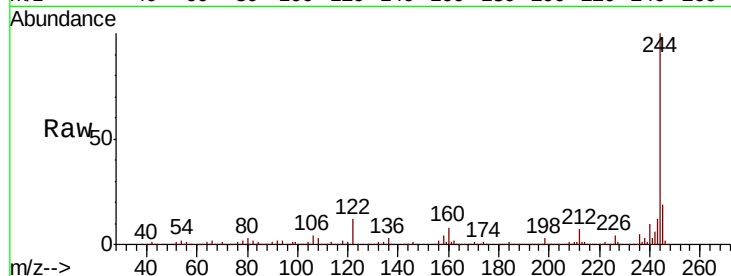
#79
 Terphenyl-d14
 Concen: 108.510 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.1	11.3	16.9

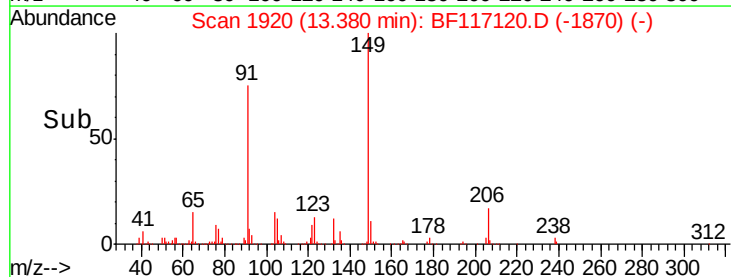
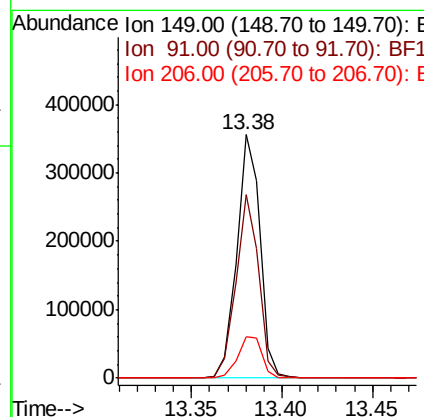
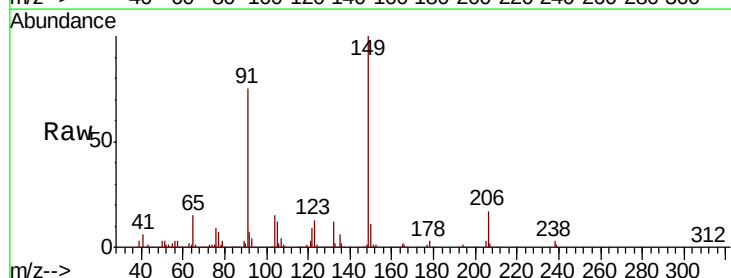
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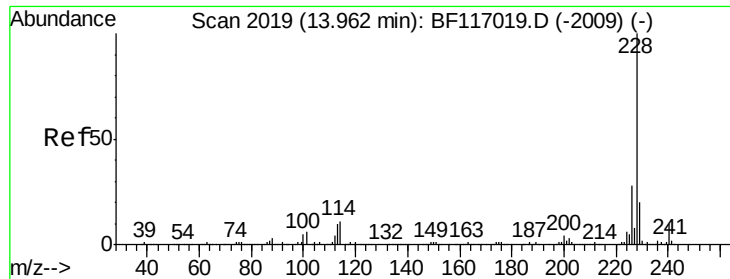
mohammad
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#80
 Butylbenzylphthalate
 Concen: 56.517 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117120.D
 Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.1	58.8	88.2
206	17.2	14.1	21.1





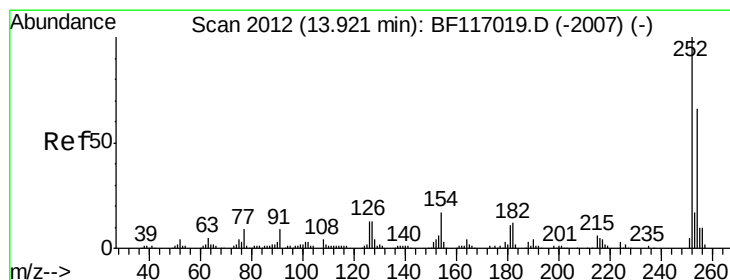
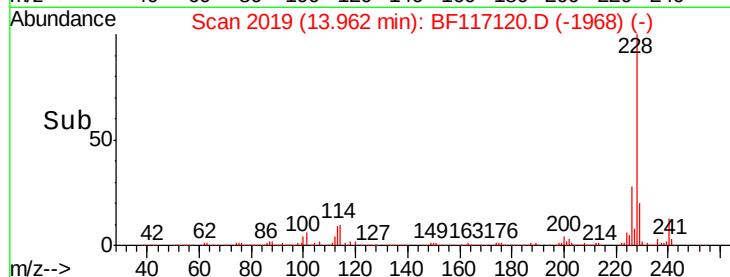
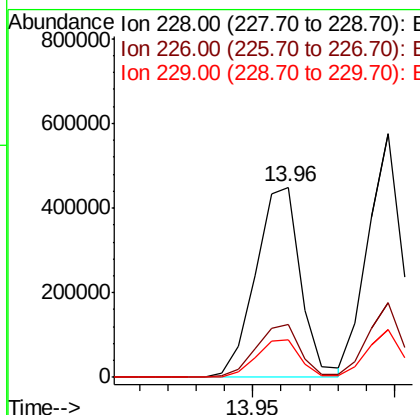
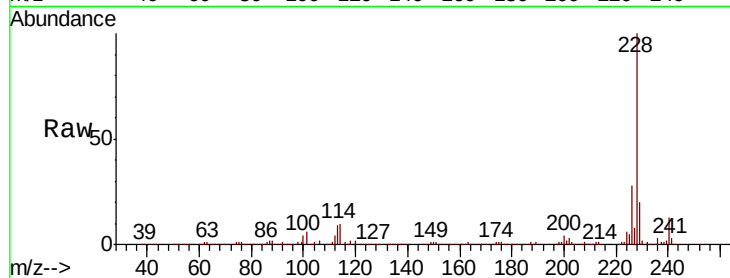
#81
Benzo(a)anthracene
Concen: 52.518 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.3	33.5
229	19.8	15.9	23.9

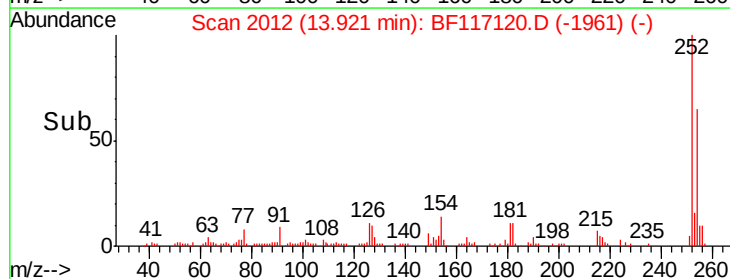
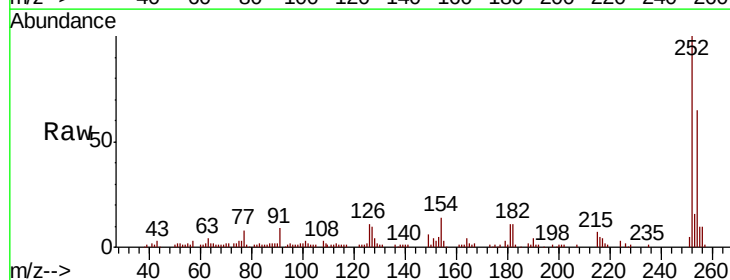
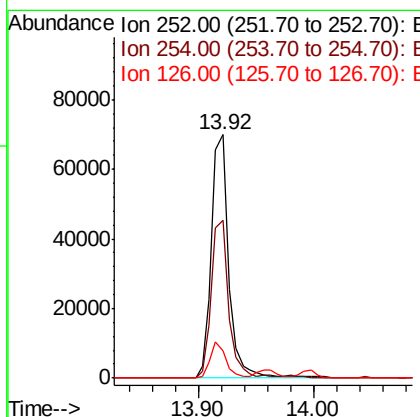
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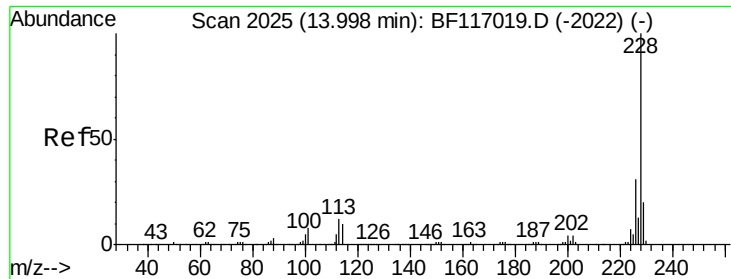
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 24.218 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.6	79.0
126	11.2	10.4	15.6





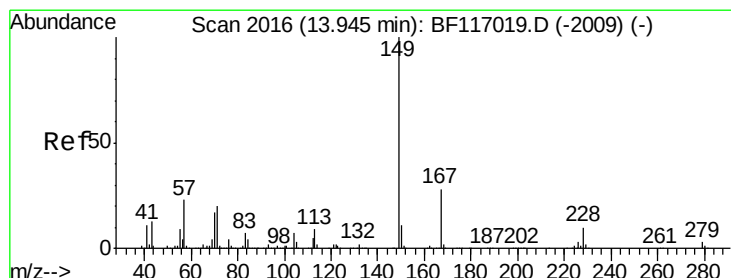
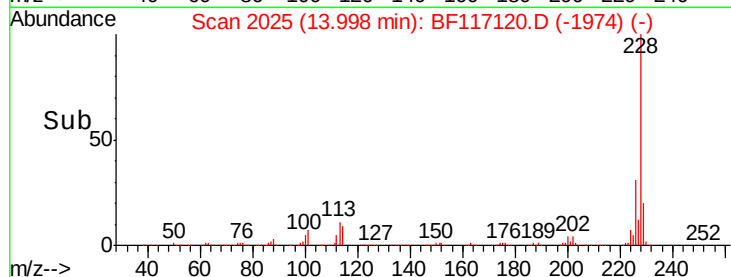
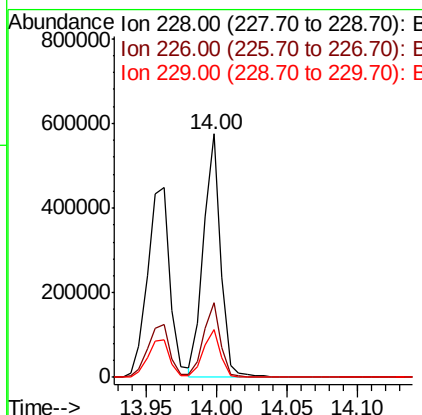
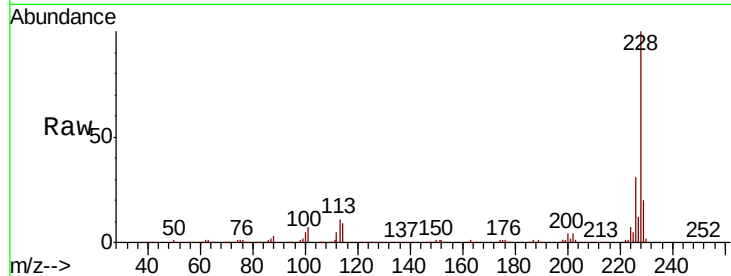
#83
Chrysene
Concen: 52.315 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.8	37.2
229	19.7	15.8	23.8

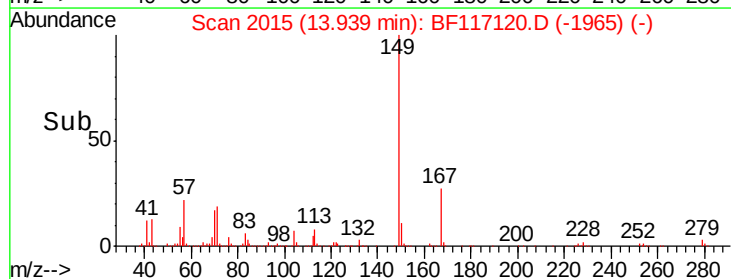
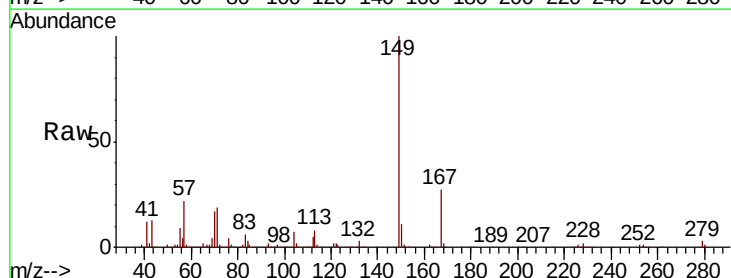
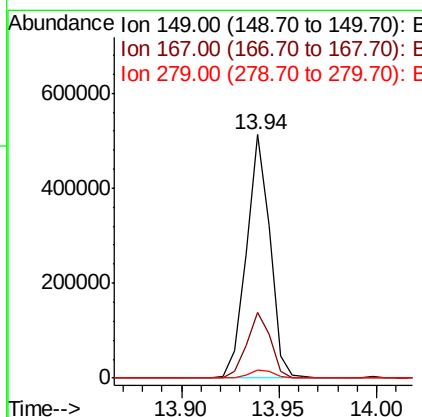
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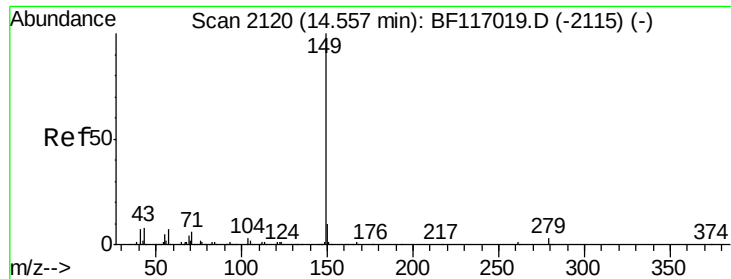
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#84
Bis(2-ethylhexyl)phthalate
Concen: 59.156 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.2	33.2
279	3.2	2.8	4.2





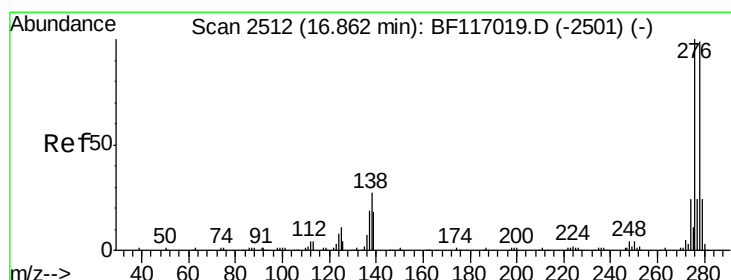
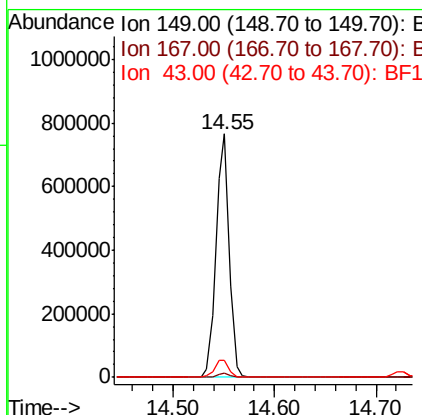
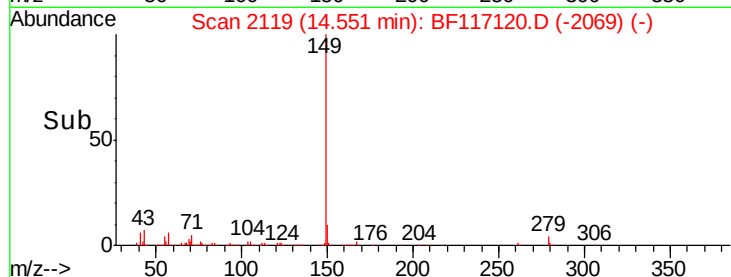
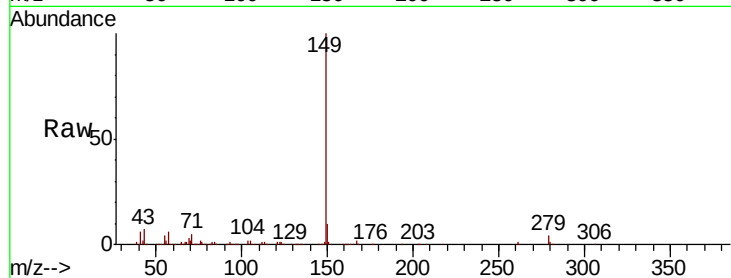
#85
Di-n-octyl phthalate
Concen: 60.445 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleID :
HD-02-091319MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	689527		
167	1.5		1.2	1.8
43	7.3		6.2	9.4

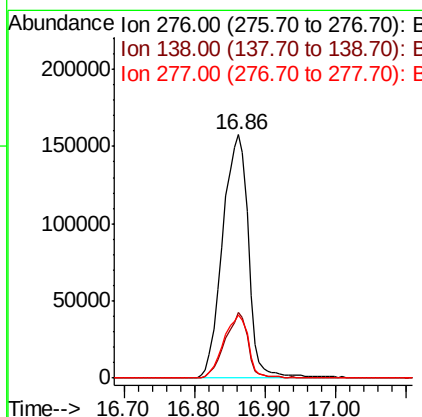
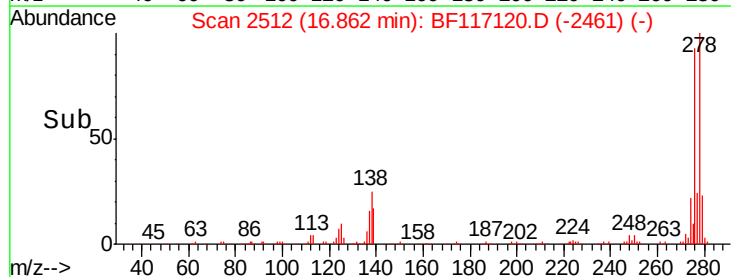
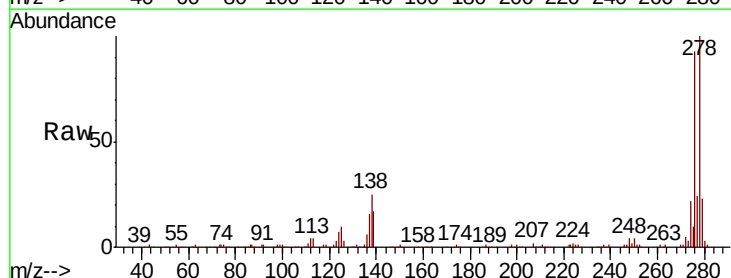
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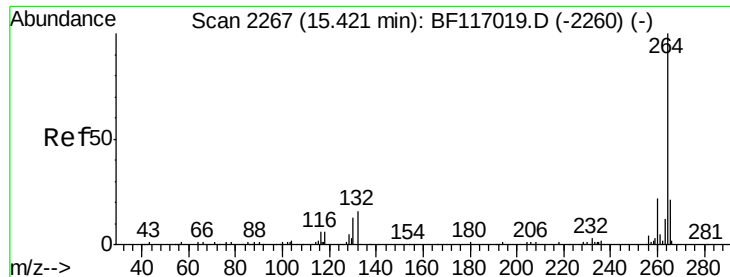
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 59.471 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	400846		
138	23.9		20.7	31.1
277	25.2		19.8	29.8





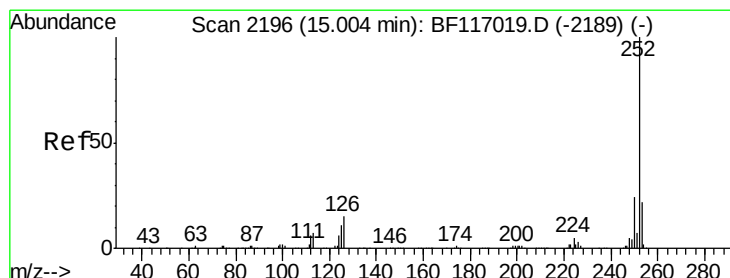
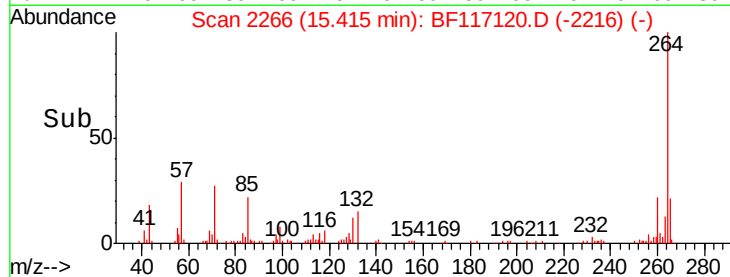
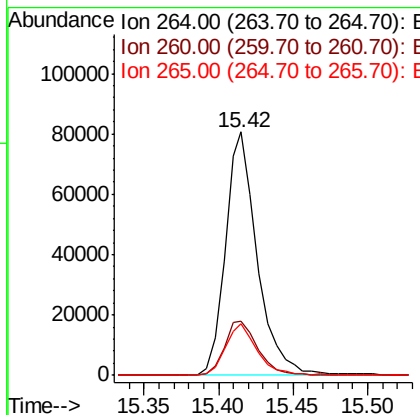
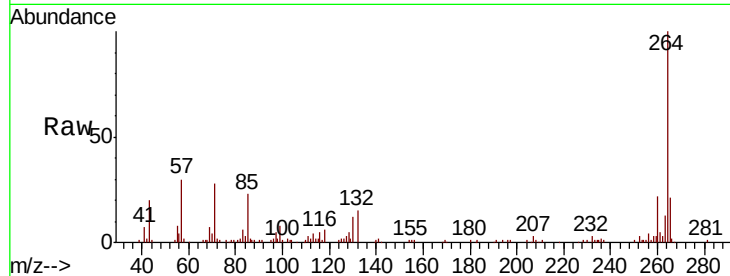
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	22.2	17.6	26.4		
265	21.4	16.6	24.8		

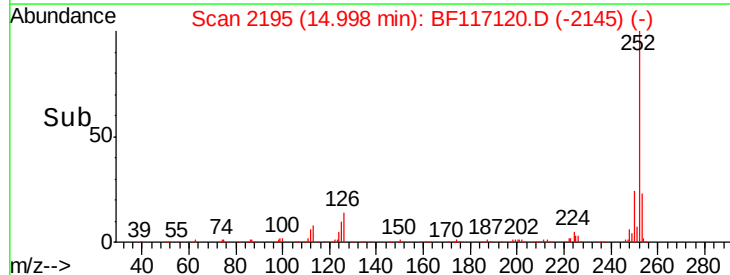
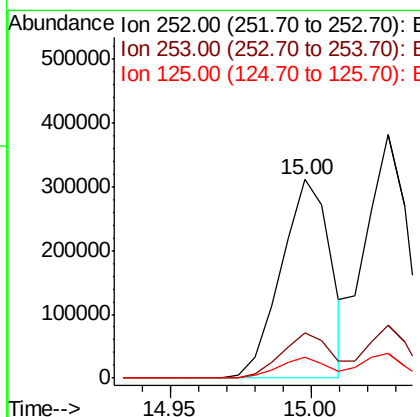
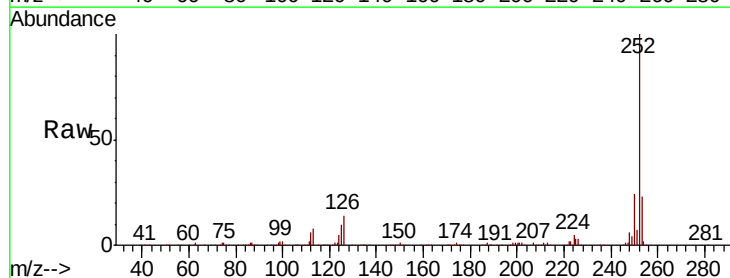
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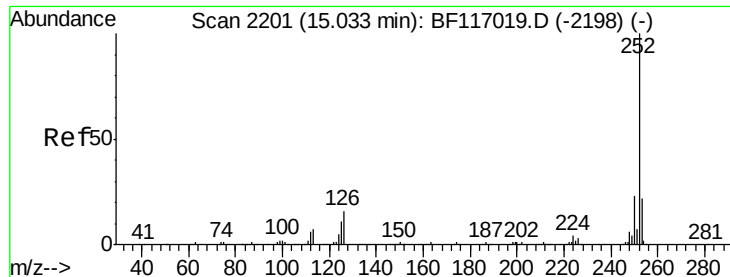
mohammad
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#88
Benzo(b)fluoranthene
Concen: 52.124 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.8	17.6	26.4		
125	10.3	8.6	12.8		





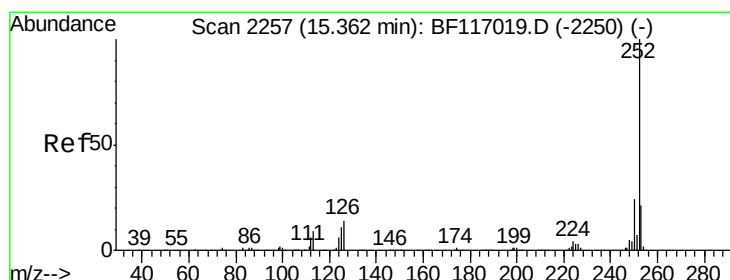
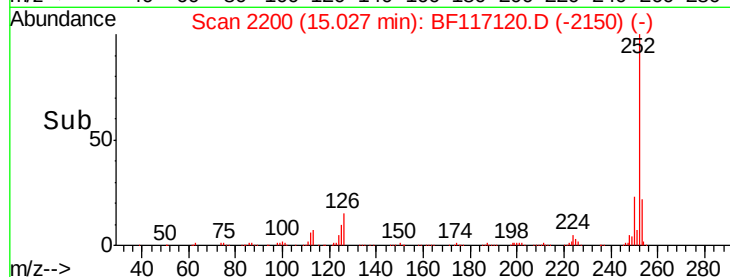
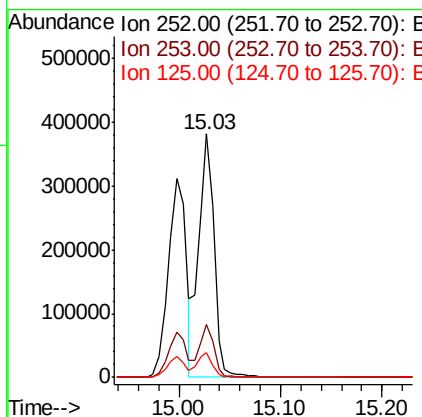
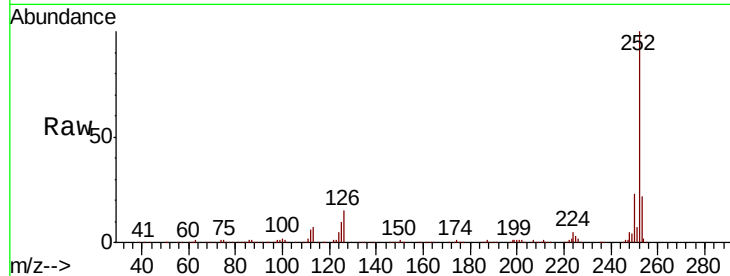
#89
Benzo(k)fluoranthene
Concen: 58.759 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	10.4	8.8	13.2

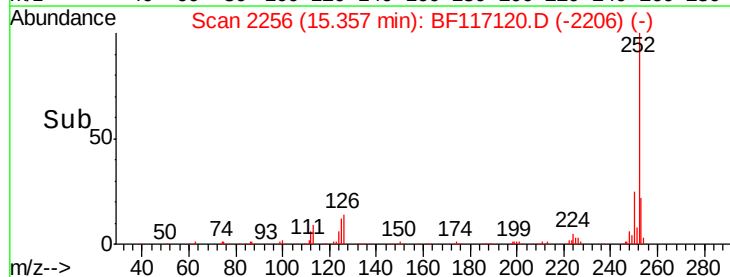
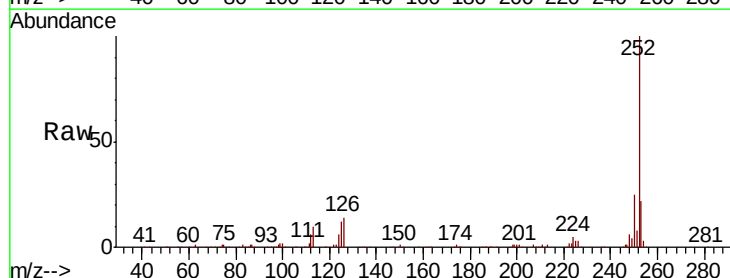
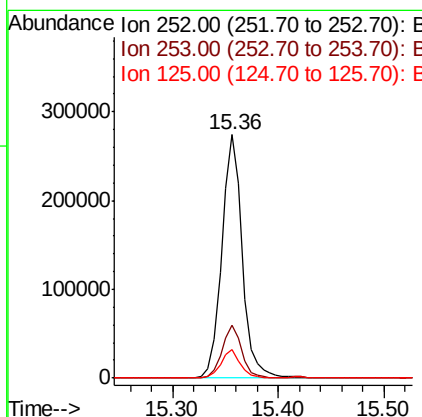
Manual Integrations
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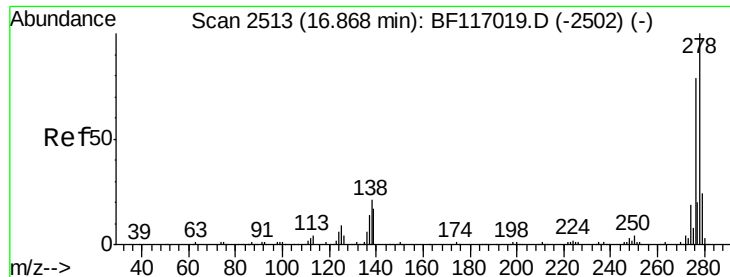
mohammad
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#90
Benzo(a)pyrene
Concen: 58.073 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	16.6	25.0
125	11.6	8.9	13.3





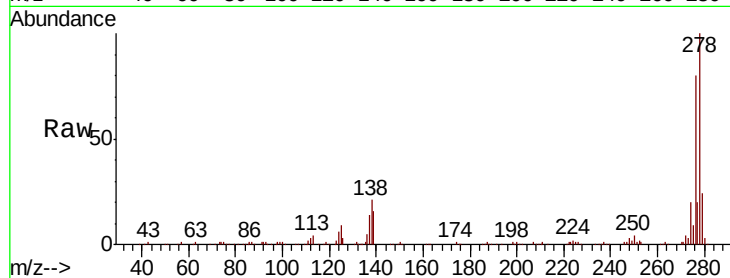
#91
Dibenzo(a,h)anthracene
Concen: 65.764 ng
RT: 16.87 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.5	20.3
279	24.0	18.8	28.2

Manual Integrations
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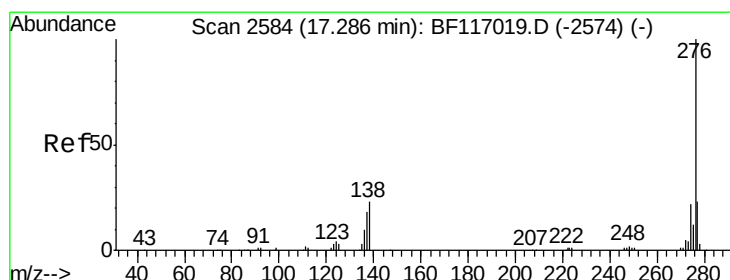
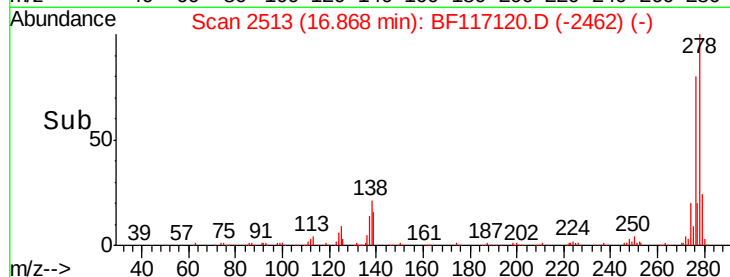
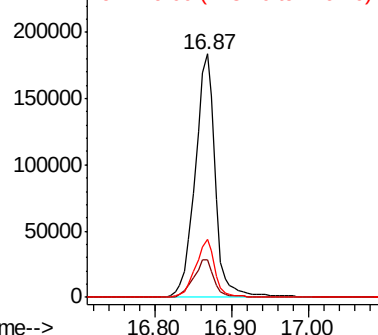


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 65.218 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF117120.D
Acq: 17 Sep 2019 21:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.7	18.6	27.8
138	20.0	18.0	27.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

