

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117121.D
 Acq On : 17 Sep 2019 21:44
 Operator : HP/JU
 Sample : K4661-06MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319MSD

Manual Integrations
 APPROVED

mohammad

Quant Time: Sep 18 05:04:34 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

9/19/2019 4:45:21 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	62741	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	240454	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	126206	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	209556	20.00	ng	0.00
76) Chrysene-d12	13.97	240	150089	20.00	ng	0.00
87) Perylene-d12	15.41	264	131528	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	501143	124.70	ng	0.02
7) Phenol-d6	6.47	99	626633	120.66	ng	0.01
23) Nitrobenzene-d5	7.39	82	463621	101.31	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	164286	155.75	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	820021	101.59	ng	0.00
79) Terphenyl-d14	12.92	244	834408	103.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	64254	38.210	ng	# 87
3) Pyridine	3.43	79	99578	21.635	ng	98
4) n-Nitrosodimethylamine	3.34	42	68181	43.165	ng	# 100
6) Aniline	6.49	93	75767	11.331	ng	# 82
8) 2-Chlorophenol	6.62	128	200369	46.218	ng	99
9) Benzaldehyde	6.37	77	48720	12.219	ng	97
10) Phenol	6.48	94	218628	38.185	ng	92
11) bis(2-Chloroethyl)ether	6.56	93	191554	45.522	ng	97
12) 1,3-Dichlorobenzene	6.77	146	193389	39.753	ng	96
13) 1,4-Dichlorobenzene	6.84	146	202682	40.825	ng	99
14) 1,2-Dichlorobenzene	7.00	146	187619	40.590	ng	99
15) Benzyl Alcohol	6.97	79	187467	47.071	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	175873	42.304	ng	85
17) 2-Methylphenol	7.09	107	159430	43.879	ng	91
18) Hexachloroethane	7.33	117	75306	39.429	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	147927	46.776	ng	98
20) 3+4-Methylphenols	7.24	107	205668	45.444	ng	# 83
22) Acetophenone	7.23	105	304352	49.819	ng	97
24) Nitrobenzene	7.40	77	223122	49.370	ng	99
25) Isophorone	7.65	82	407957	50.347	ng	98
26) 2-Nitrophenol	7.72	139	104404	53.783	ng	97
27) 2,4-Dimethylphenol	7.76	122	176659	57.387	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	248239	49.725	ng	99
29) 2,4-Dichlorophenol	7.97	162	171674	53.223	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	163655	46.962	ng	99
31) Naphthalene	8.13	128	577692	49.955	ng	98
32) Benzoic acid	7.89	122	67538	31.658	ng	95
33) 4-Chloroaniline	8.18	127	29152	5.684	ng	95
34) Hexachlorobutadiene	8.25	225	90311	45.678	ng	99
35) Caprolactam	8.55	113	43399m	39.751	ng	
36) 4-Chloro-3-methylphenol	8.66	107	198860	52.873	ng	98
37) 2-Methylnaphthalene	8.82	142	404407	51.931	ng	98
38) 1-Methylnaphthalene	8.92	142	372621	51.090	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	158505	48.636	ng	99

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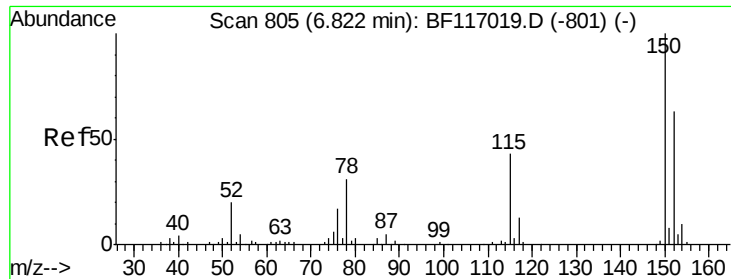
mohammad

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	130183	89.353	nq	98
43) 2,4,6-Trichlorophenol	9.10	196	111071	50.221	nq	97
44) 2,4,5-Trichlorophenol	9.15	196	122265	51.743	nq	94
46) 1,1'-Biphenyl	9.27	154	480446	48.532	nq	100
47) 2-Chloronaphthalene	9.30	162	380776	48.737	nq	99
48) 2-Nitroaniline	9.40	65	125830	50.212	nq	93
49) Acenaphthylene	9.72	152	603037	51.523	nq	99
50) Dimethylphthalate	9.57	163	468820	52.464	nq	99
51) 2,6-Dinitrotoluene	9.64	165	100574	55.261	nq	92
52) Acenaphthene	9.89	154	344796	49.696	nq	99
53) 3-Nitroaniline	9.81	138	42155	18.358	nq	98
54) 2,4-Dinitrophenol	9.92	184	70119	88.169	nq	94
55) Dibenzofuran	10.06	168	526236	51.407	nq	99
56) 4-Nitrophenol	9.99	139	133208	89.507	nq	94
57) 2,4-Dinitrotoluene	10.05	165	136842	57.924	nq	96
58) Fluorene	10.40	166	436218	52.901	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.18	232	95724	52.938	nq	99
60) Diethylphthalate	10.27	149	463605	52.734	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	188115	52.727	nq	98
62) 4-Nitroaniline	10.43	138	113548	47.549	nq	97
63) Azobenzene	10.55	77	465722	51.868	nq	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	50870	52.518	nq	90
66) n-Nitrosodiphenylamine	10.51	169	380318	52.550	nq	99
67) 4-Bromophenyl-phenylether	10.88	248	112388	52.516	nq	95
68) Hexachlorobenzene	10.95	284	116737	49.872	nq	# 92
69) Atrazine	11.03	200	91042	53.050	nq	98
70) Pentachlorophenol	11.15	266	120498	109.823	nq	96
71) Phenanthrene	11.36	178	618916	51.998	nq	99
72) Anthracene	11.42	178	647323	53.270	nq	99
73) Carbazole	11.57	167	605733	52.515	nq	99
74) Di-n-butylphthalate	11.89	149	735700	53.609	nq	98
75) Fluoranthene	12.55	202	638446	52.203	nq	99
77) Benzidine	12.67	184	6921	1.432	nq	# 78
78) Pyrene	12.77	202	651352	51.721	nq	99
80) Butylbenzylphthalate	13.38	149	317522	53.359	nq	99
81) Benzo(a)anthracene	13.96	228	498608	49.723	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	83244	25.761	nq	97
83) Chrysene	14.00	228	505465	51.683	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	429947	56.037	nq	98
85) Di-n-octyl phthalate	14.54	149	706195	58.479	nq	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	409602	57.405	nq	98
88) Benzo(b)fluoranthene	15.00	252	413776	51.935	nq	99
89) Benzo(k)fluoranthene	15.03	252	409832	54.304	nq	98
90) Benzo(a)pyrene	15.36	252	387779	55.466	nq	98
91) Dibenzo(a,h)anthracene	16.86	278	344530	61.860	nq	99
92) Benzo(g,h,i)perylene	17.29	276	341899	61.604	nq	98

(#) = 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: BF117121.D
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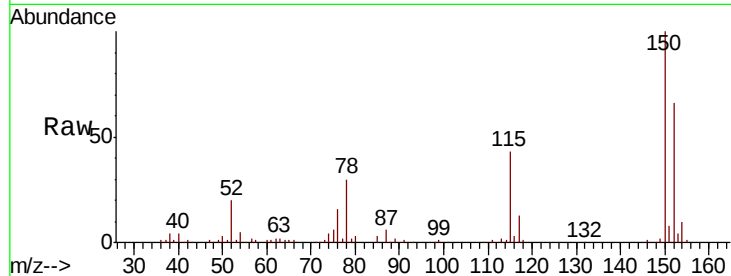
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	127.5	191.3
115	65.6	55.0	82.4

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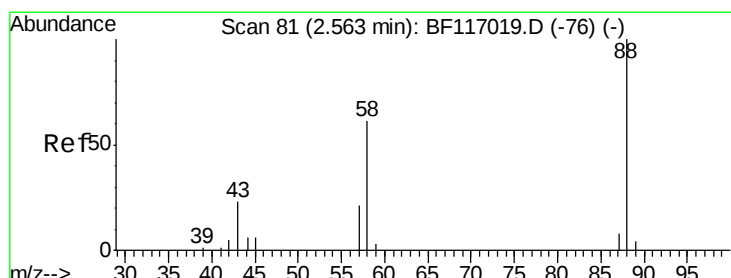
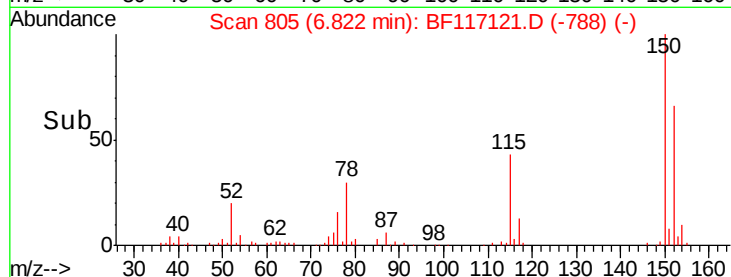
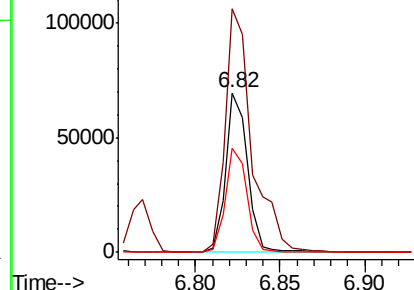


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

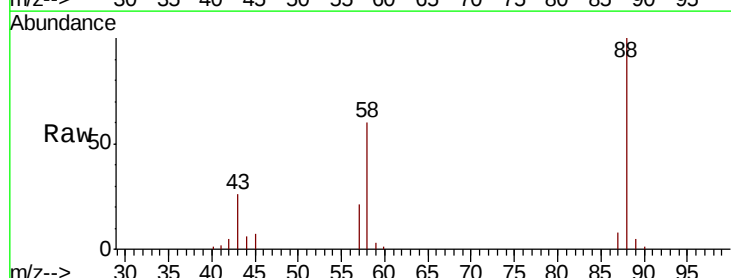
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.210 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.12 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.7	49.3	73.9
43	0.0	18.8	28.2#

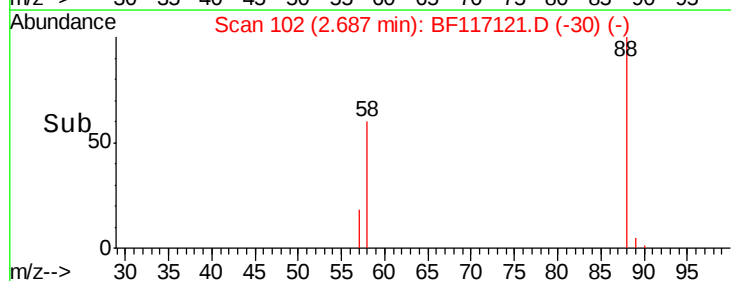
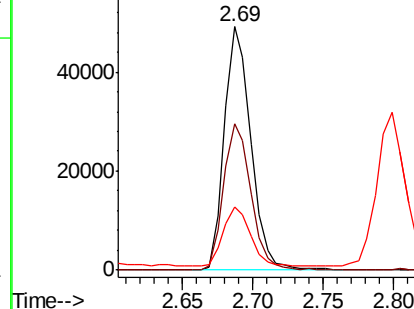


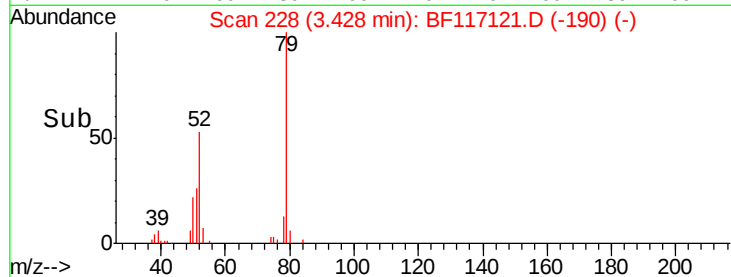
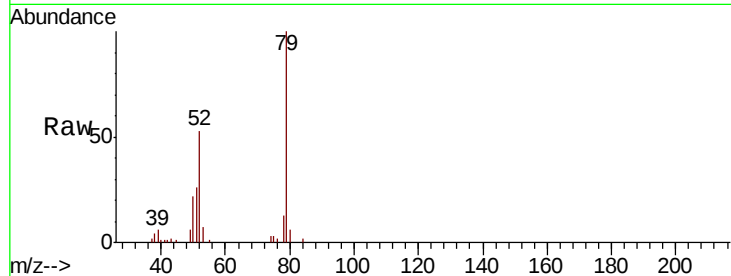
Abundance

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: 21.635 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.12 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

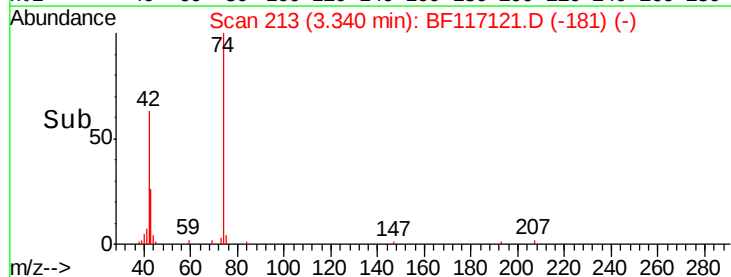
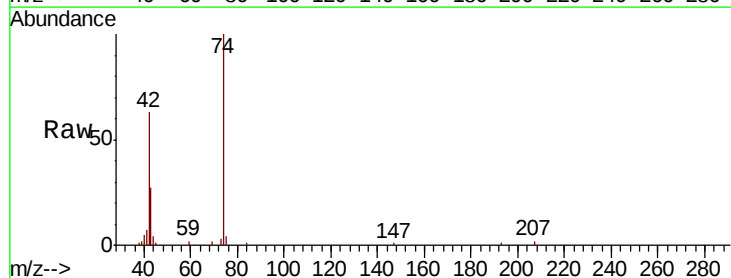
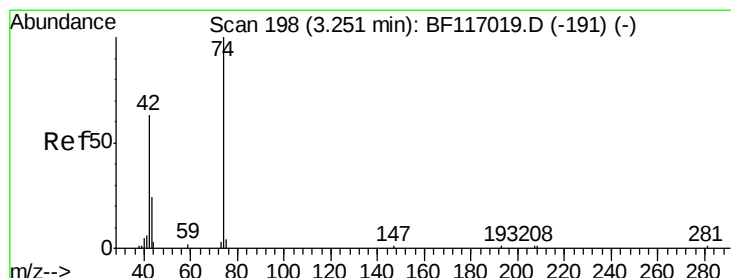
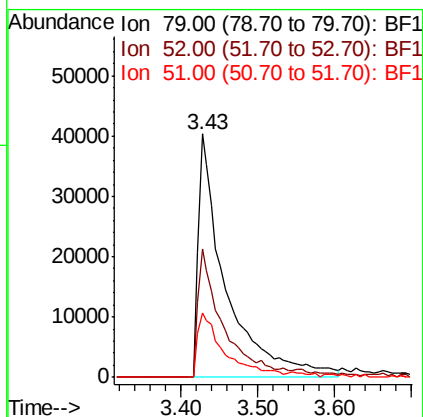
Tot Ion:	79	Resp:	99578
Ion Ratio	Lower	Upper	
79	100		
52	52.7	43.5	65.3
51	26.4	21.8	32.6

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Manual Integrations
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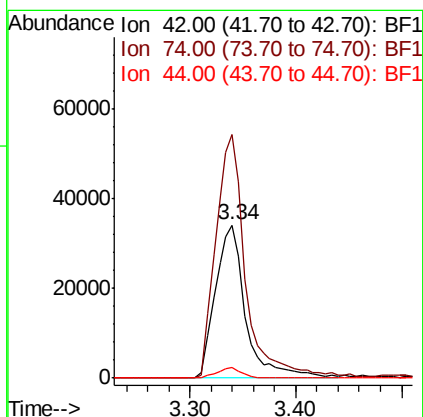
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#4
 n-Nitrosodimethylamine
 Concen: 43.165 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.09 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion:	42	Resp:	68181
Ion Ratio	Lower	Upper	
42	100		
74	159.0	127.1	190.7
44	6.7	4.3	6.5#





#5

2-Fluorophenol

Concen: 124.704 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA_F

ClientSampleId :

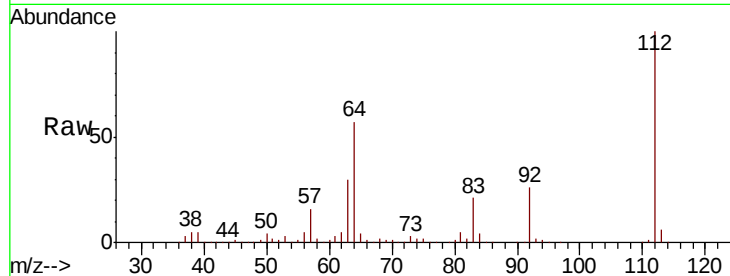
HD-02-091319MSD

Tot Ion:	112	Resp:	501143
Ion Ratio	Lower	Upper	
112	100		
64	56.9	45.7	68.5
63	29.5	24.9	37.3

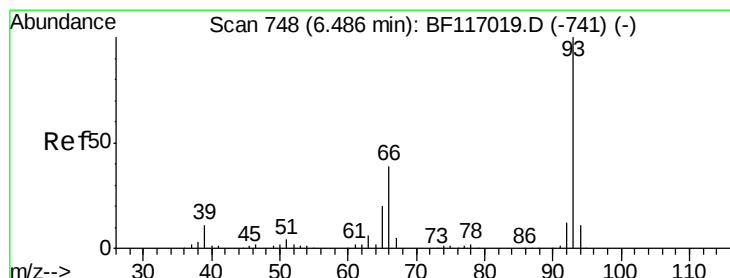
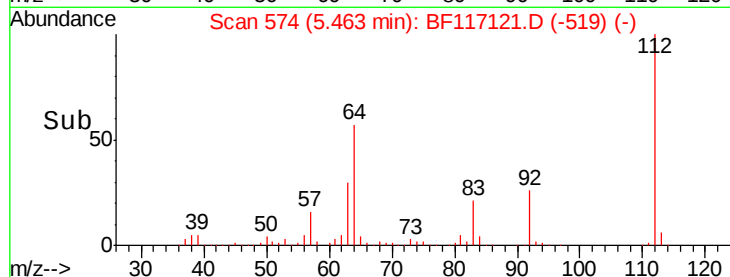
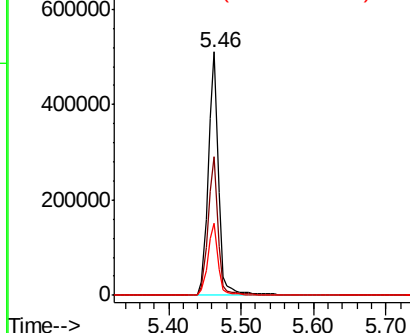
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.331 ng

RT: 6.49 min Scan# 749

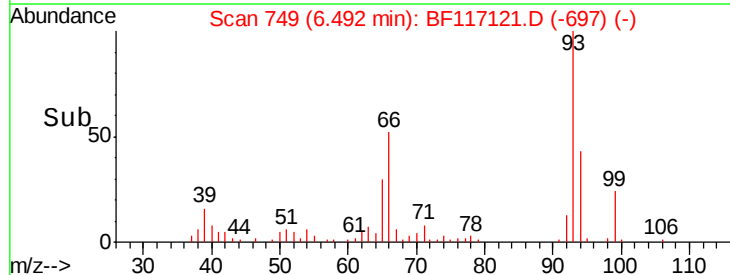
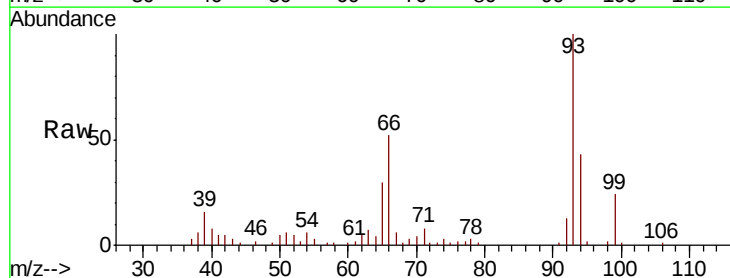
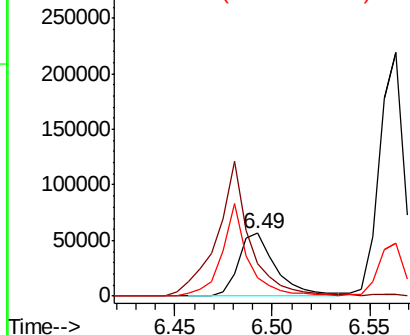
Delta R.T. 0.01 min

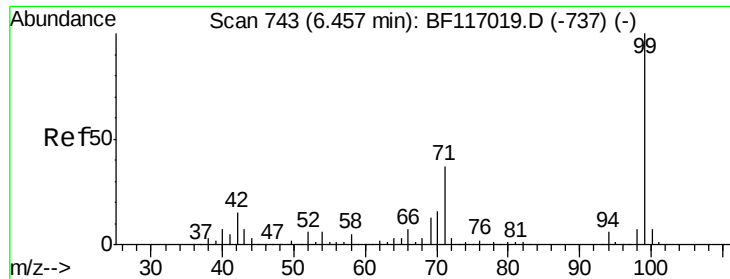
Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Tgt Ion:	93	Resp:	75767
Ion Ratio	Lower	Upper	
93	100		
66	51.5	32.6	49.0#
65	29.6	16.7	25.1#

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





#7

Phenol-d6

Concen: 120.656 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA_F

ClientSampleId :

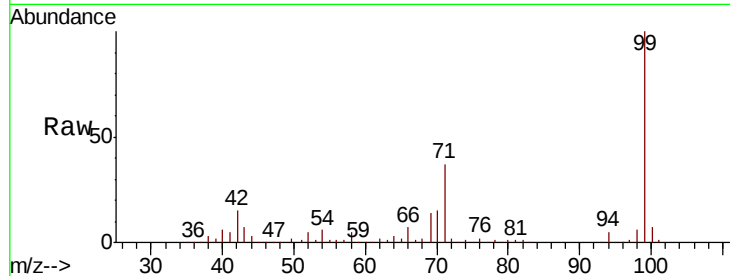
HD-02-091319MSD

Tot Ion:	99	Resp:	626633
Ion Ratio	Lower	Upper	
99	100		
42	15.0	12.2	18.2
71	37.3	29.8	44.8

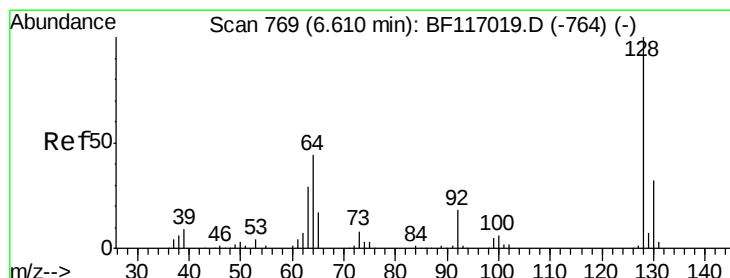
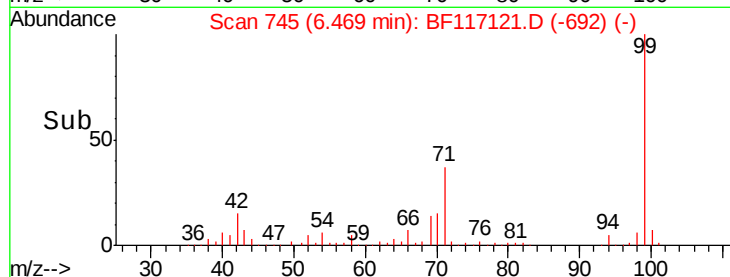
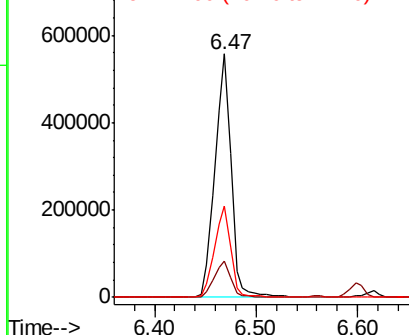
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.218 ng

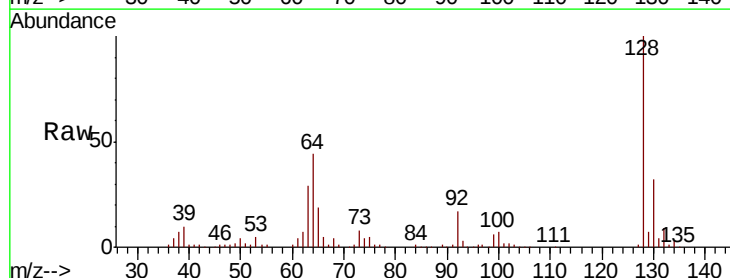
RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

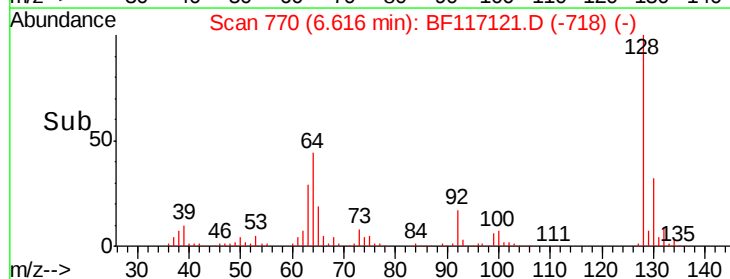
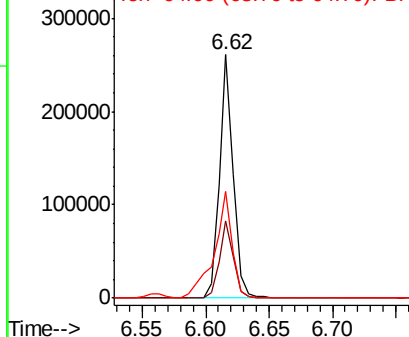
Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Tgt Ion:	128	Resp:	200369
Ion Ratio	Lower	Upper	
128	100		
130	31.6	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: 12.219 ng
RT: 6.37 min Scan# 729
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

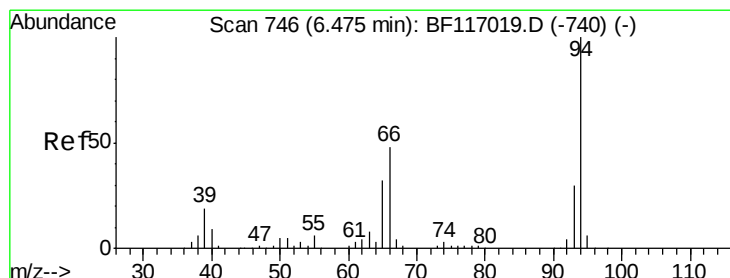
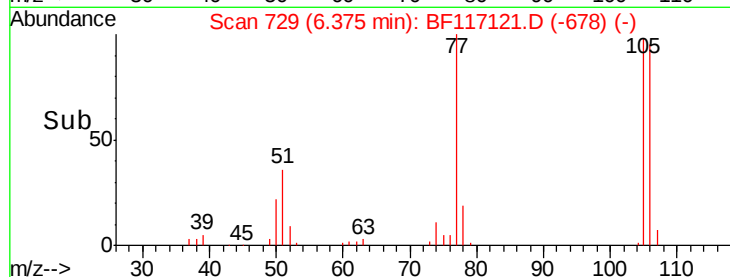
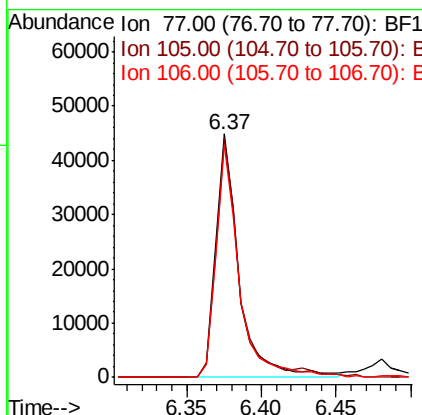
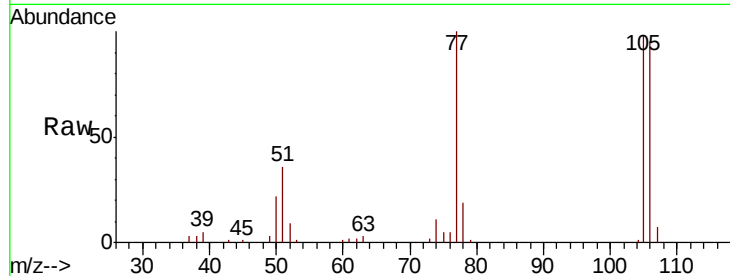
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion:	77	Resp:	48720
Ion	Ratio	Lower	Upper
77	100		
105	98.0	81.8	121.8
106	95.3	77.3	117.3

Manual Integrations
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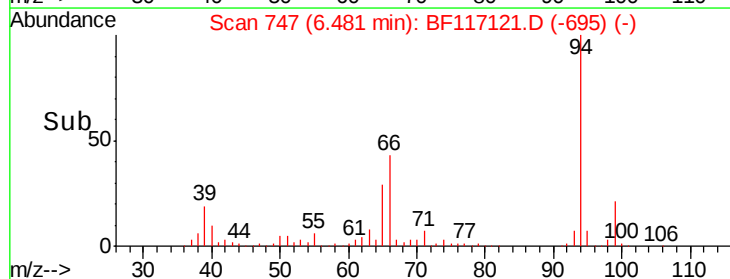
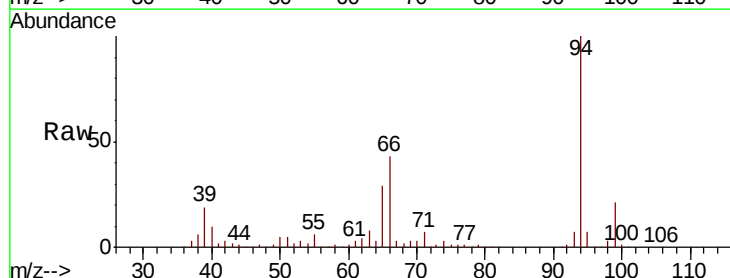
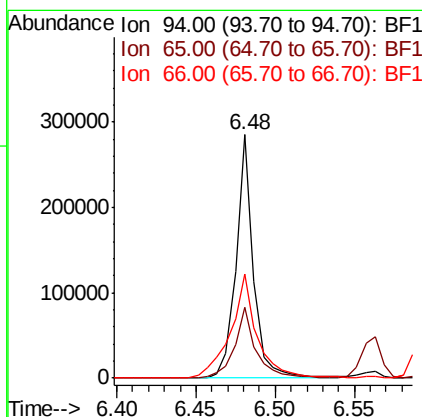
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#10
Phenol
Concen: 38.185 ng
RT: 6.48 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion:	94	Resp:	218628
Ion	Ratio	Lower	Upper
94	100		
65	29.3	12.5	52.5
66	42.7	28.9	68.9





#11
bis(2-Chloroethyl)ether
Concen: 45.522 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

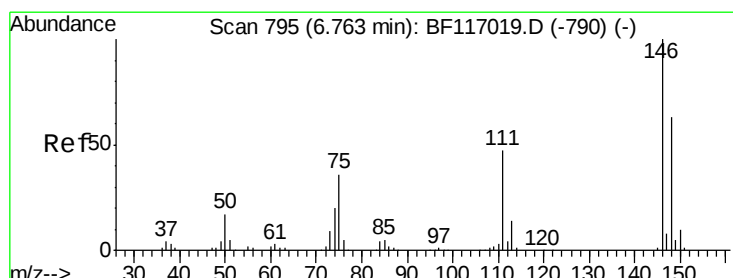
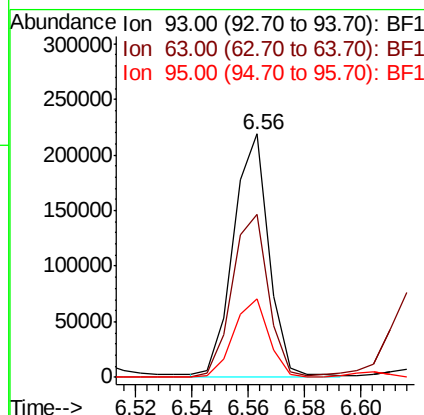
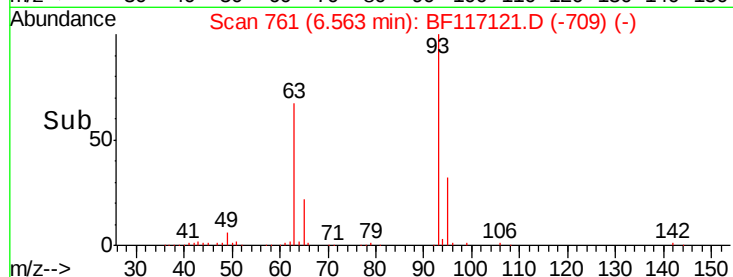
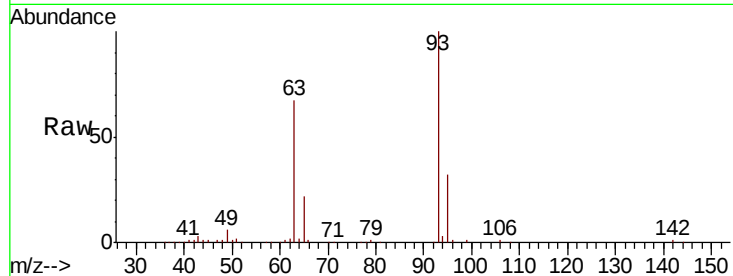
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion:	93	Resp:	191554
Ion Ratio	Lower	Upper	
93	100		
63	66.7	49.3	89.3
95	32.4	11.5	51.5

Manual Integrations
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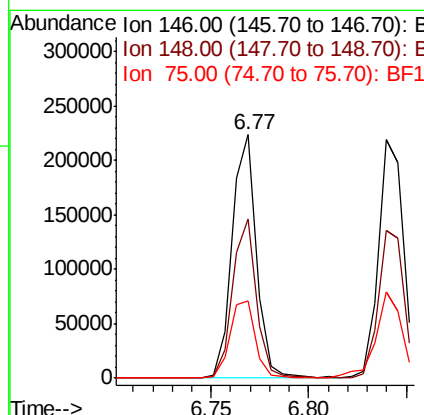
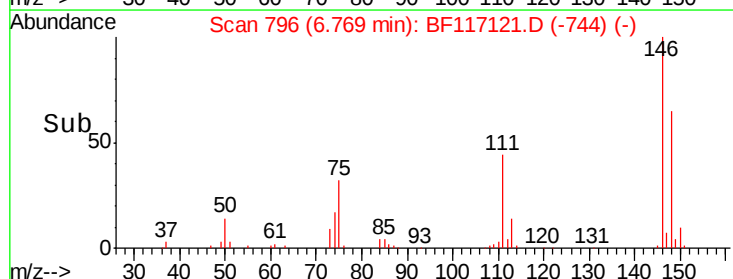
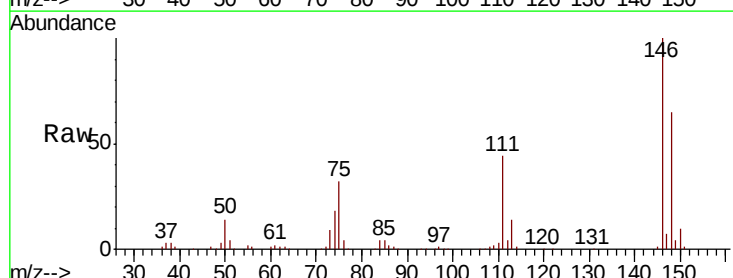
mohammad

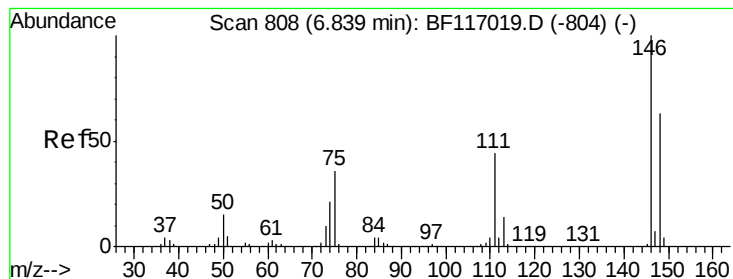
9/19/2019 4:45:21 PM



#12
1,3-Dichlorobenzene
Concen: 39.753 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion:	146	Resp:	193389
Ion Ratio	Lower	Upper	
146	100		
148	65.5	50.8	76.2
75	32.0	28.7	43.1





#13

1,4-Dichlorobenzene

Concen: 40.825 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA_F

ClientSampleId :

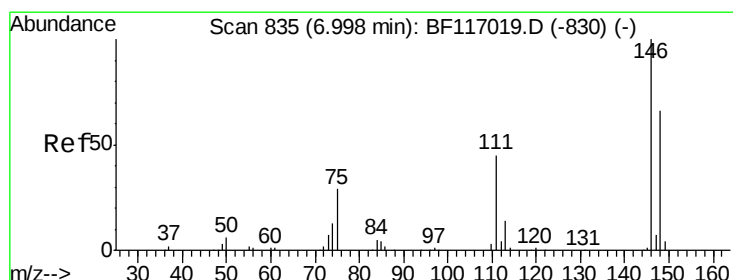
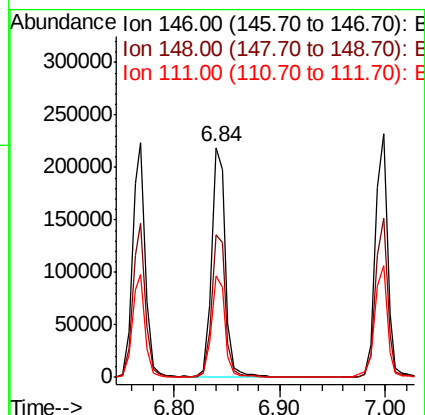
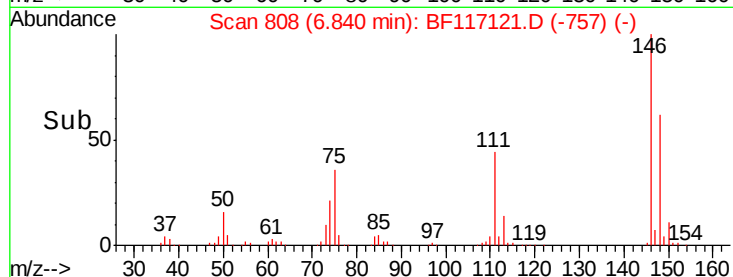
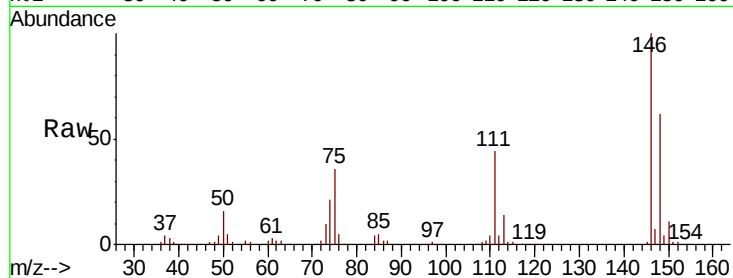
HD-02-091319MSD

Tot Ion:	146	Resp:	202682
Ion Ratio	Lower	Upper	
146	100		
148	62.0	50.6	76.0
111	44.2	35.0	52.6

Manual Integrations
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mohammad

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#14

1,2-Dichlorobenzene

Concen: 40.590 ng

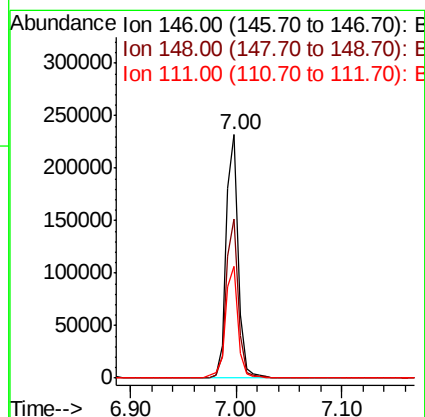
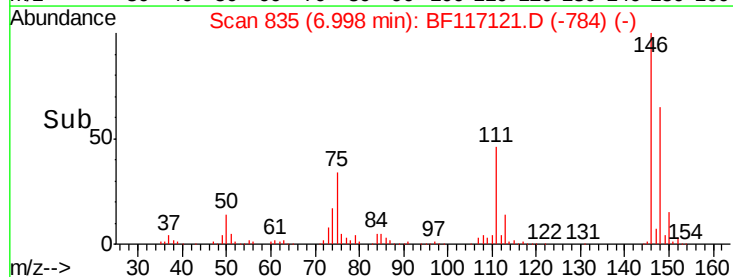
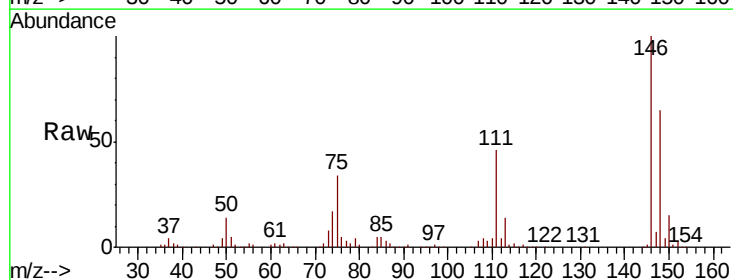
RT: 7.00 min Scan# 835

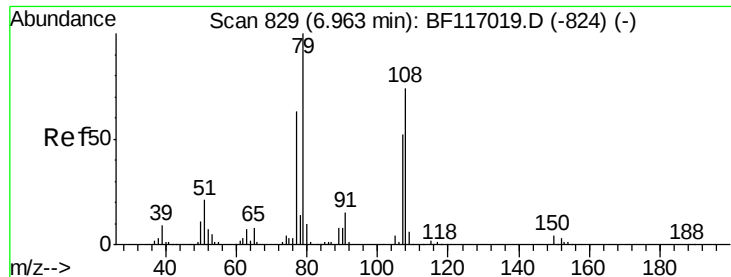
Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Tgt Ion:	146	Resp:	187619
Ion Ratio	Lower	Upper	
146	100		
148	65.3	52.6	78.8
111	46.0	36.2	54.2





#15
Benzyl Alcohol
Concen: 47.071 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

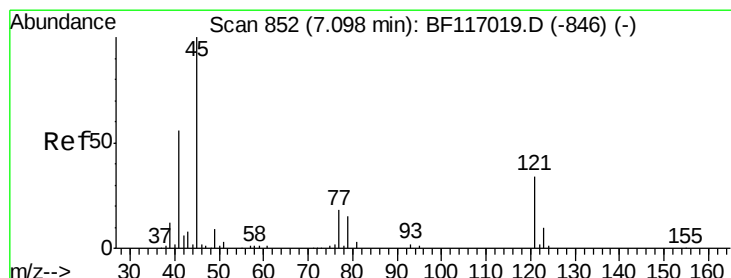
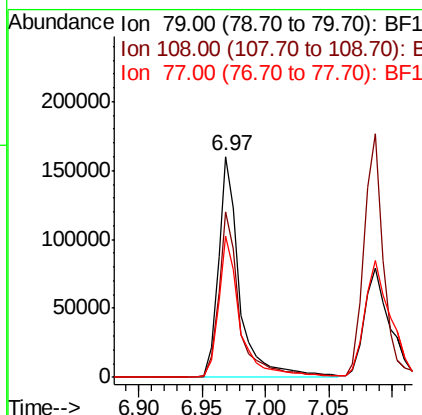
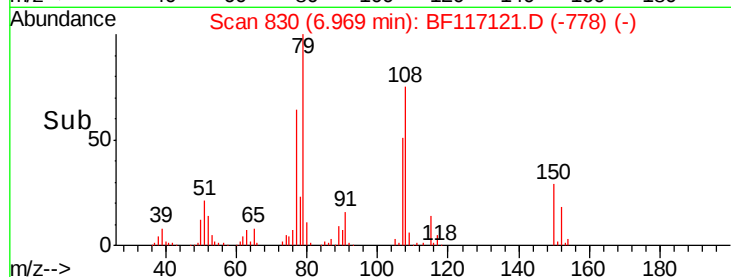
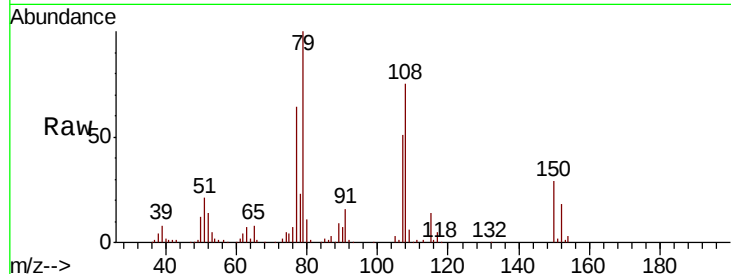
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion:	79	Resp:	187467
Ion Ratio	Lower	Upper	
79	100		
108	74.9	59.4	89.0
77	64.1	50.2	75.2

Manual Integrations
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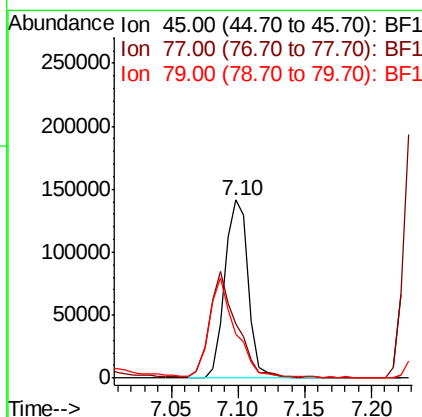
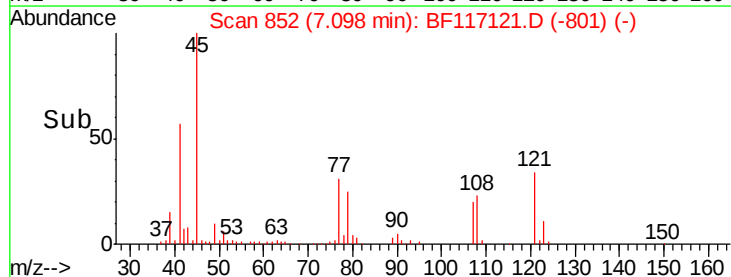
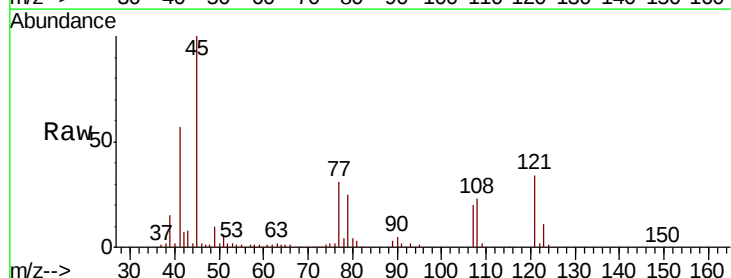
mohammad

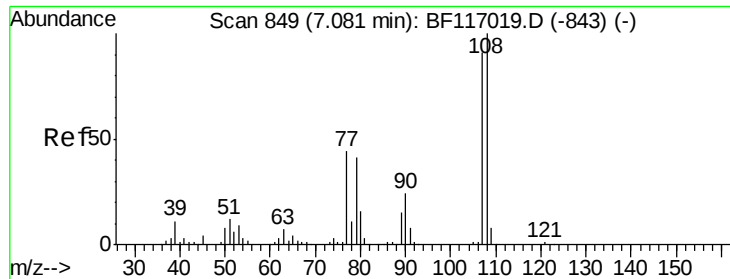
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.304 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion:	45	Resp:	175873
Ion Ratio	Lower	Upper	
45	100		
77	30.7	2.7	42.7
79	24.6	0.0	38.9





#17

2-Methylphenol

Concen: 43.879 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA_F

ClientSampleId :

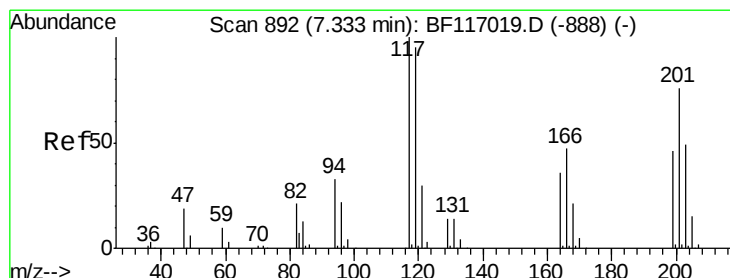
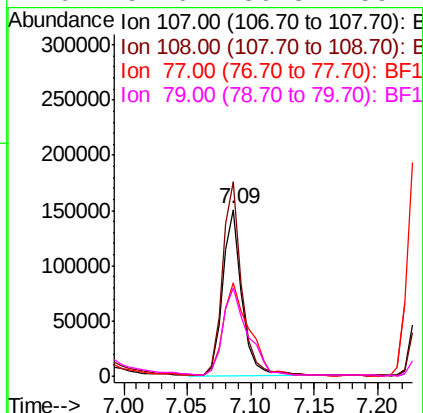
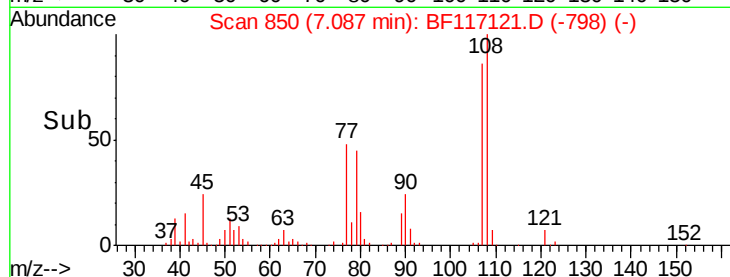
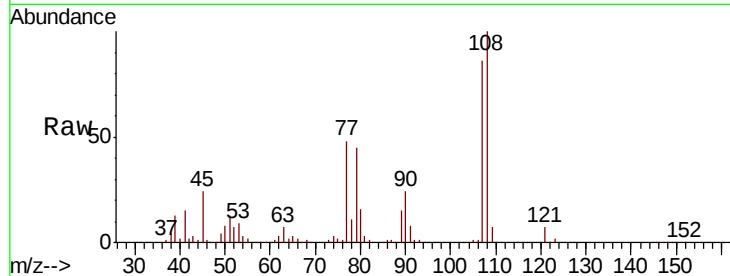
HD-02-091319MSD

Tot Ion:	107	Resp:	159430
Ion Ratio	Lower	Upper	
107	100		
108	117.0	87.7	131.5
77	56.1	38.6	58.0
79	52.6	36.8	55.2

Manual Integrations
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#18

Hexachloroethane

Concen: 39.429 ng

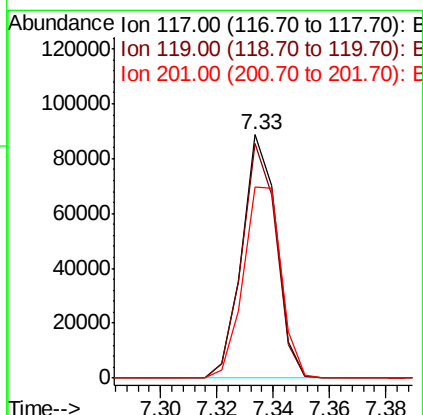
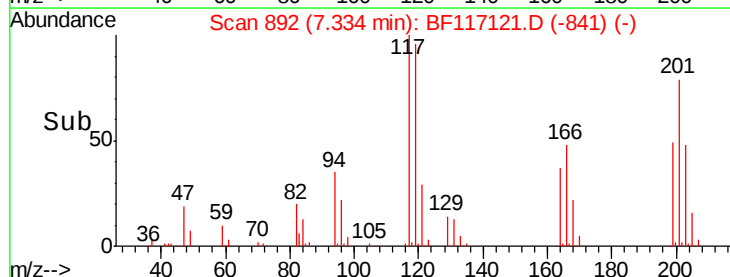
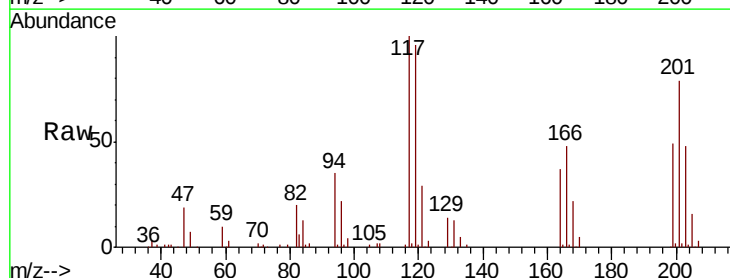
RT: 7.33 min Scan# 892

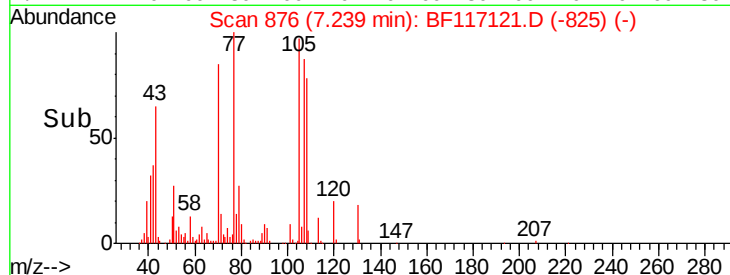
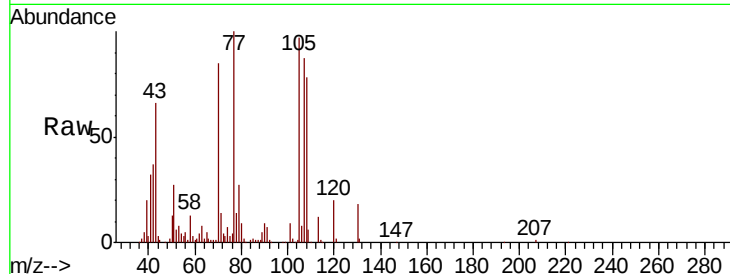
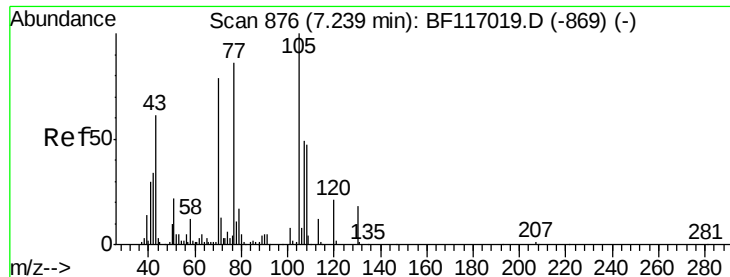
Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Tgt Ion:	117	Resp:	75306
Ion Ratio	Lower	Upper	
117	100		
119	96.5	75.8	113.8
201	78.5	60.9	91.3





#19
n-Nitroso-di-n-propylamine
Concen: 46.776 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

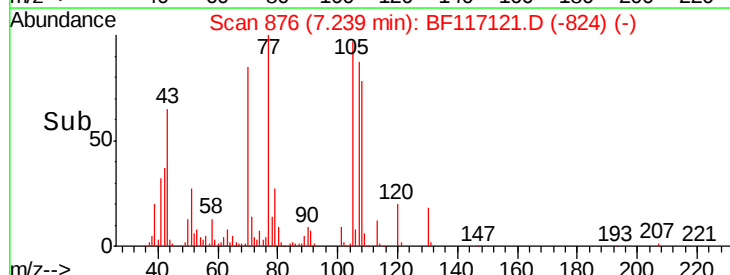
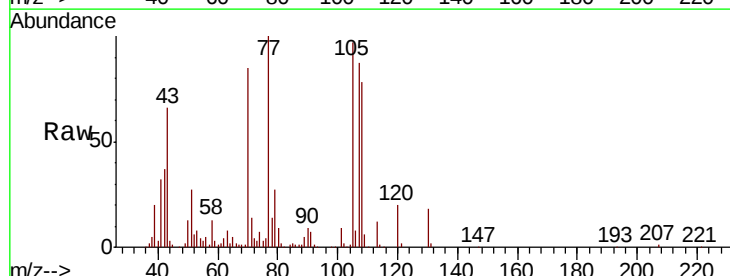
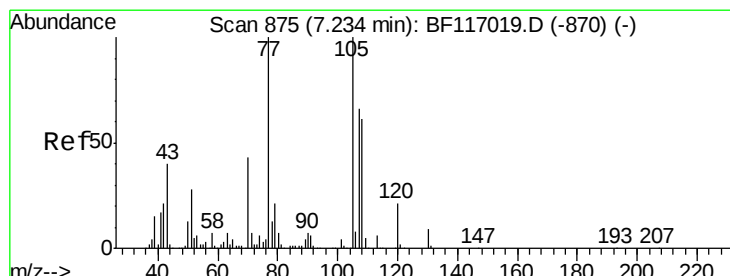
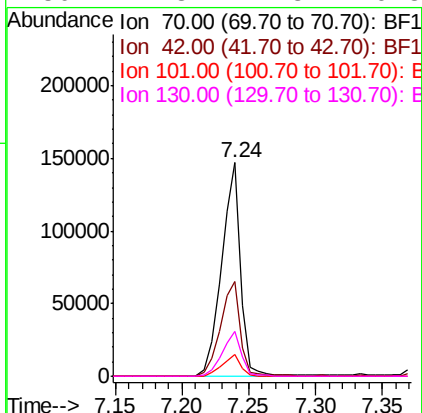
Tot Ion	Ratio	Lower	Upper
70	100		
42	44.1	34.0	51.0
101	10.2	7.8	11.6
130	21.3	17.8	26.8

Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Manual Integrations
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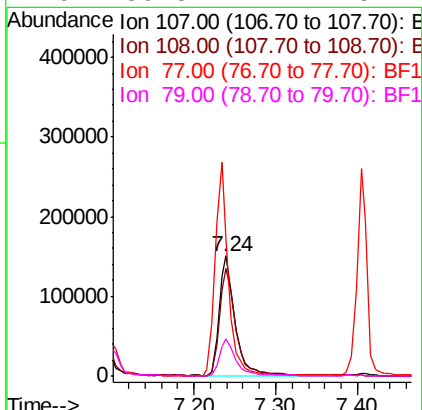
mohammad

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#20
3+4-Methylphenols
Concen: 45.444 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	72.6	112.6
77	114.8	132.1	172.1
79	30.8	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: BF117121.D
Acq: 17 Sep 2019 21:44

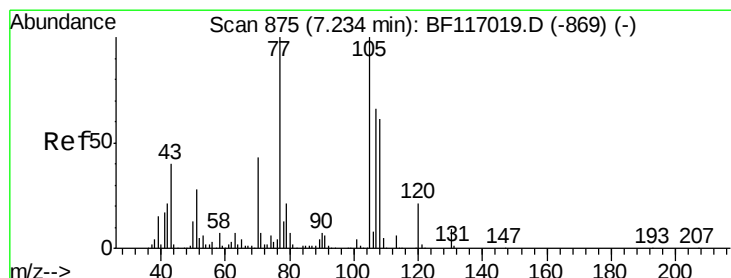
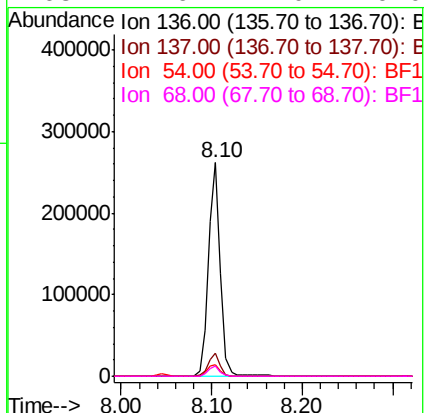
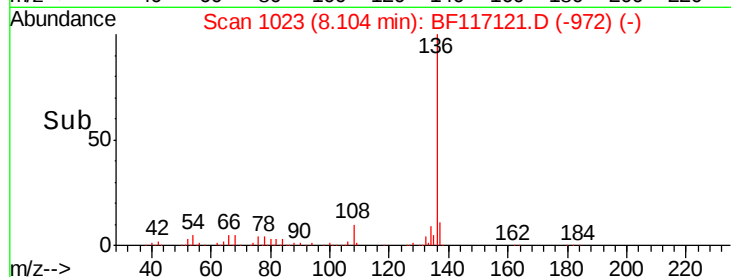
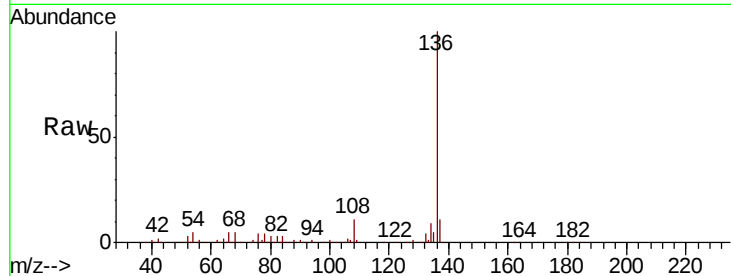
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	240454		
137	10.9		9.0	13.4
54	5.3		4.5	6.7
68	4.6		4.0	6.0

Manual Integrations
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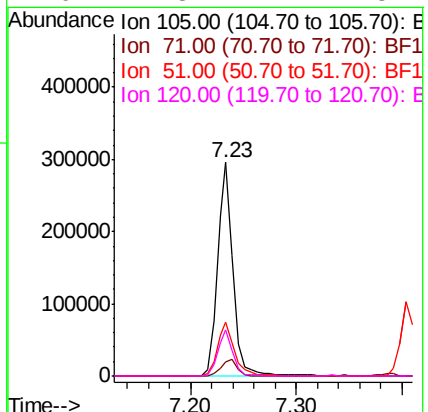
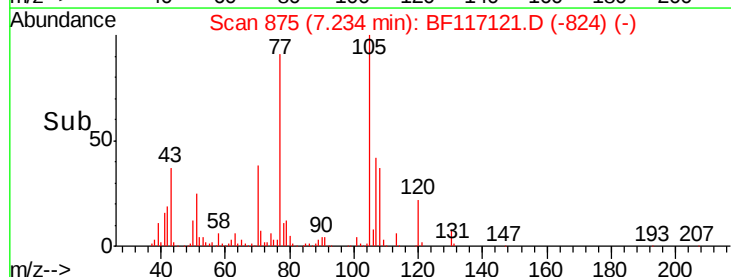
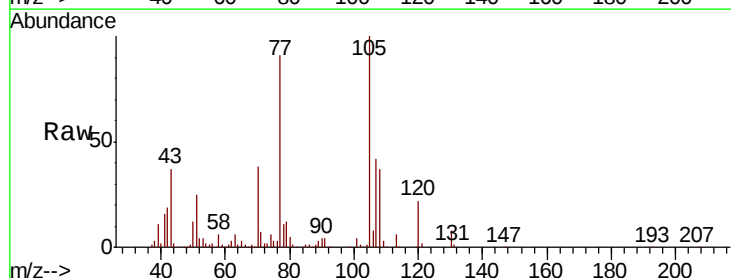
mohammad

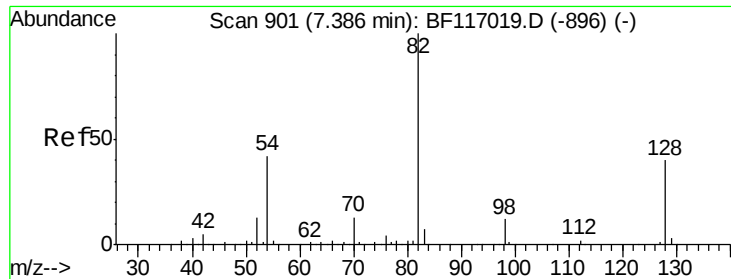
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#22
Acetophenone
Concen: 49.819 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	304352		
71	6.6		5.7	8.5
51	25.4		22.1	33.1
120	21.8		17.1	25.7





#23
 Nitrobenzene-d5
 Concen: 101.307 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

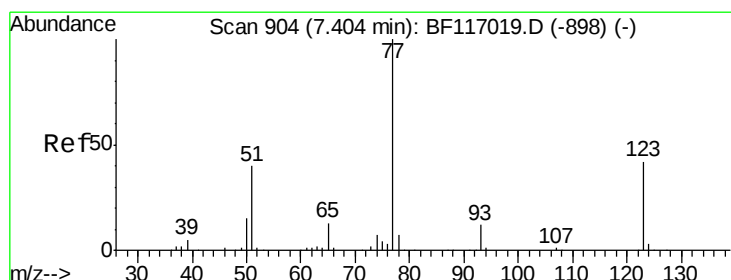
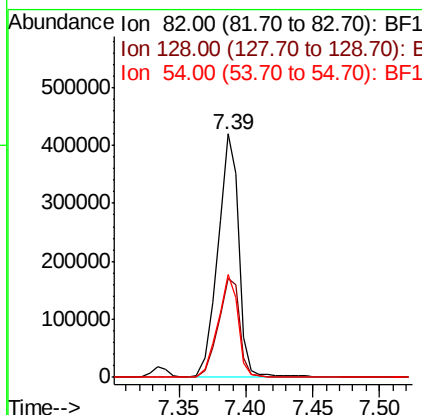
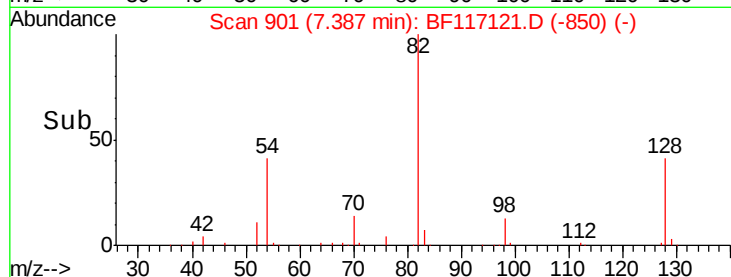
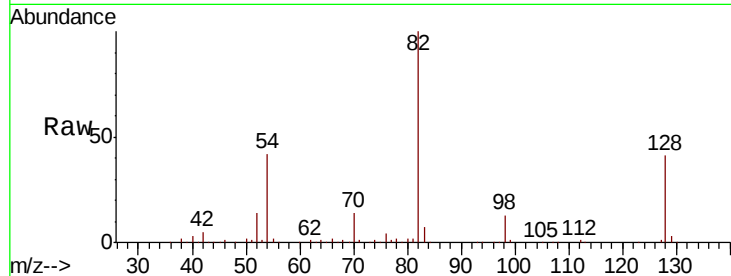
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	463621		
128	40.7		32.3	48.5
54	42.1		33.3	49.9

Manual Integrations
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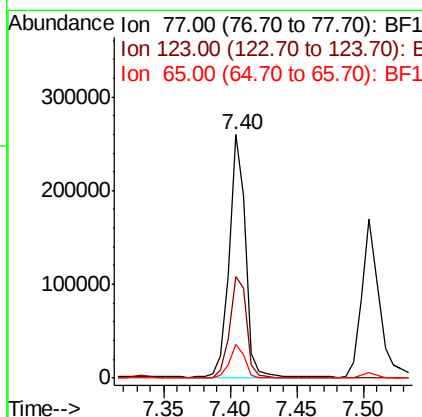
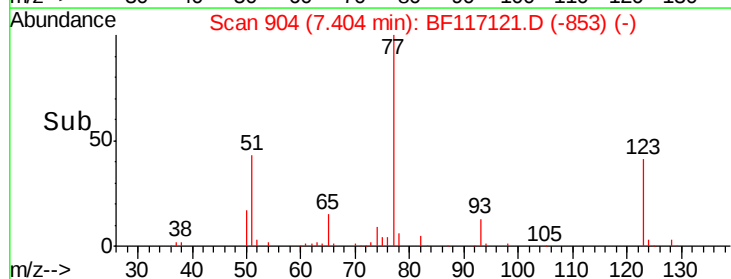
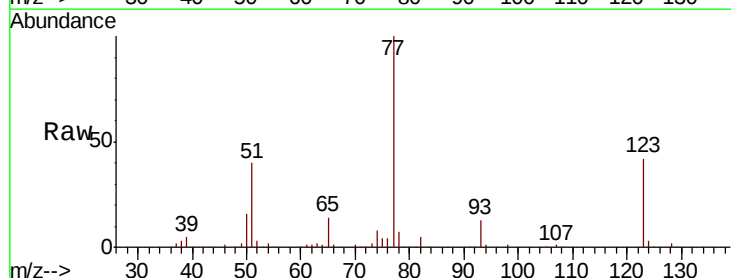
mohammad

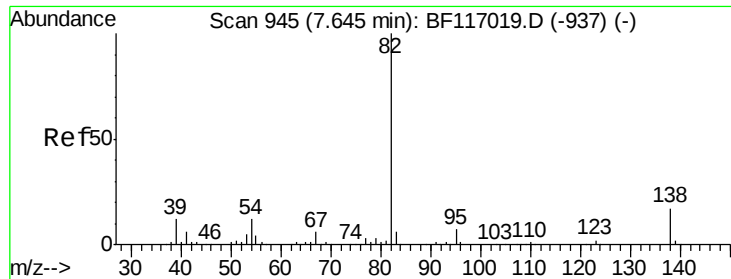
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#24
 Nitrobenzene
 Concen: 49.370 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	223122		
123	41.6		33.5	50.3
65	13.7		10.5	15.7





#25
Isophorone
Concen: 50.347 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

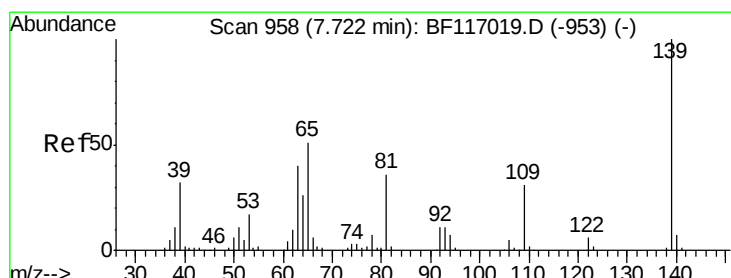
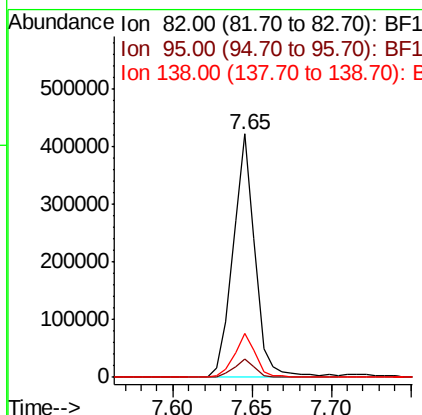
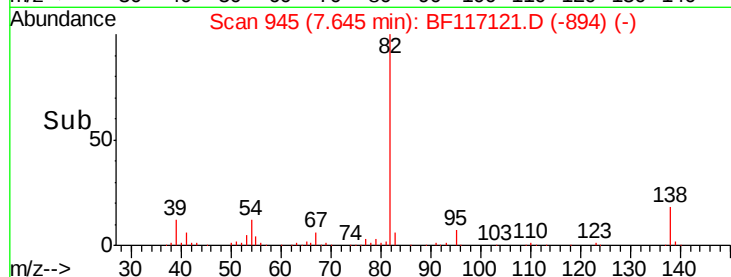
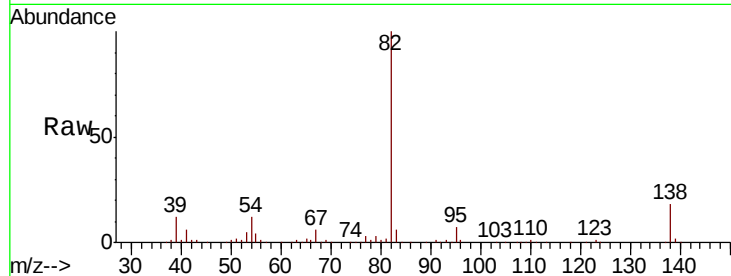
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	407957		
95	7.3		5.8	8.6
138	17.8		13.5	20.3

Manual Integrations
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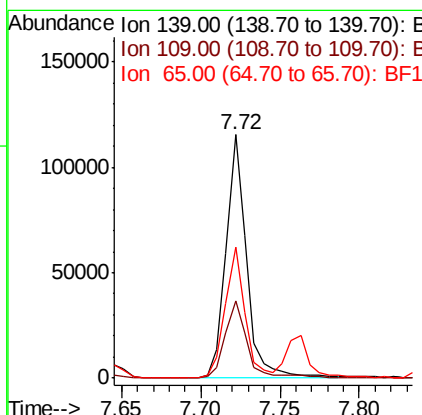
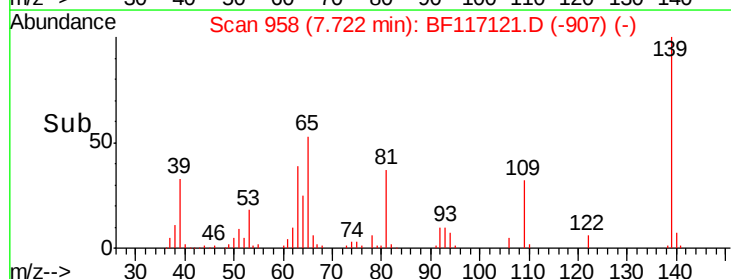
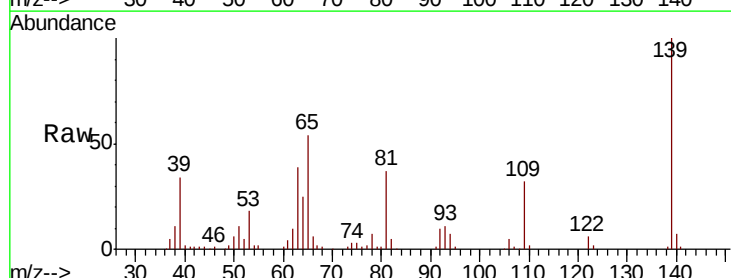
mohammad

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#26
2-Nitrophenol
Concen: 53.783 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	104404		
109	31.9		24.6	36.8
65	53.9		40.9	61.3





#27

2,4-Dimethylphenol

Concen: 57.387 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA_F

ClientSampleId :

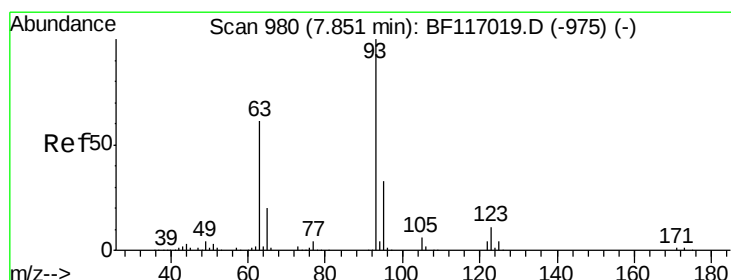
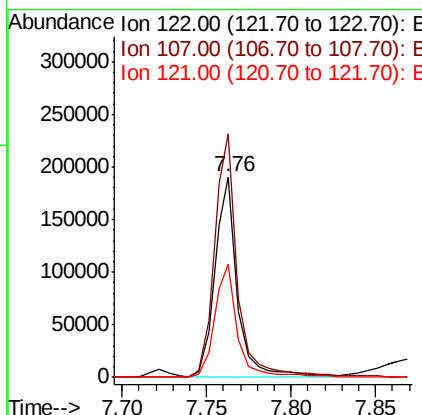
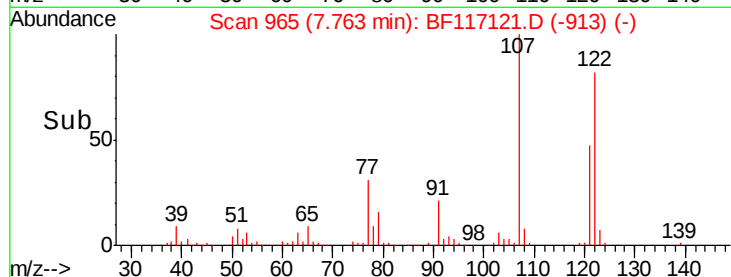
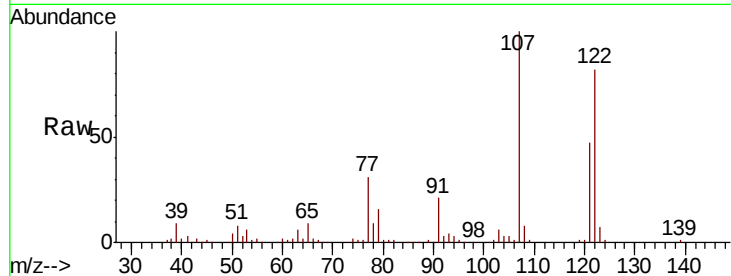
HD-02-091319MSD

Tot Ion:	122	Resp:	176659
Ion Ratio	Lower	Upper	
122	100		
107	121.5	98.9	148.3
121	56.6	45.3	67.9

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 49.725 ng

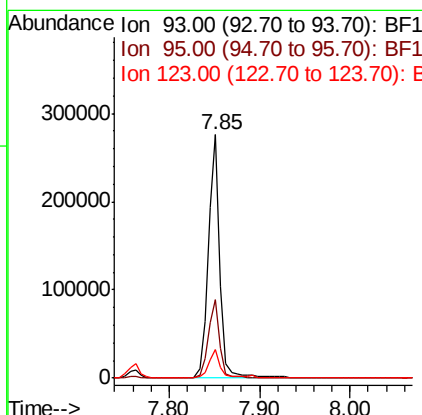
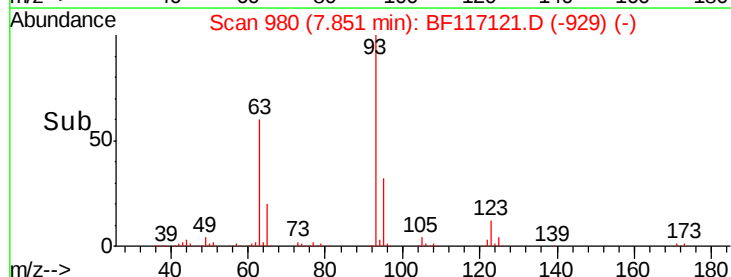
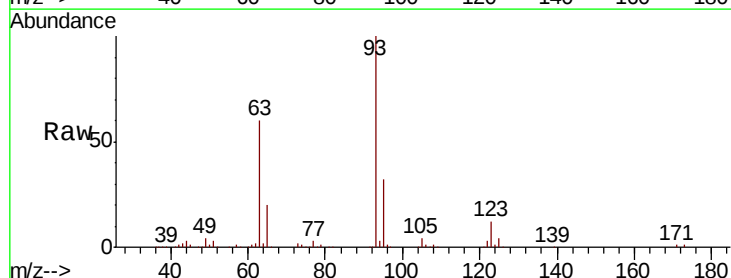
RT: 7.85 min Scan# 980

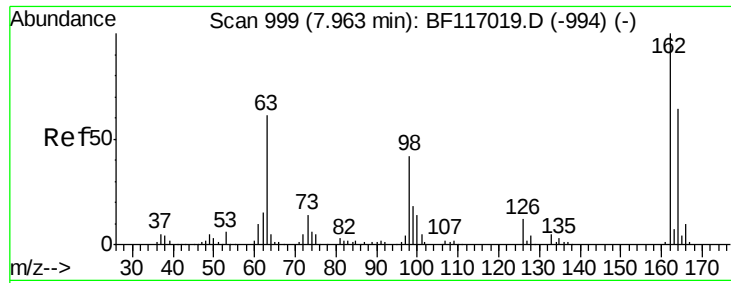
Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Tgt Ion:	93	Resp:	248239
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.2	39.4
123	11.6	9.0	13.6





#29
 2,4-Dichlorophenol
 Concen: 53.223 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

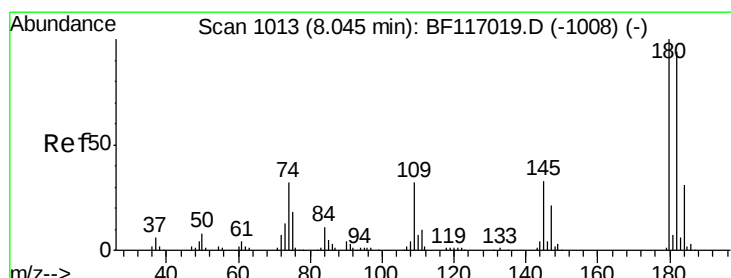
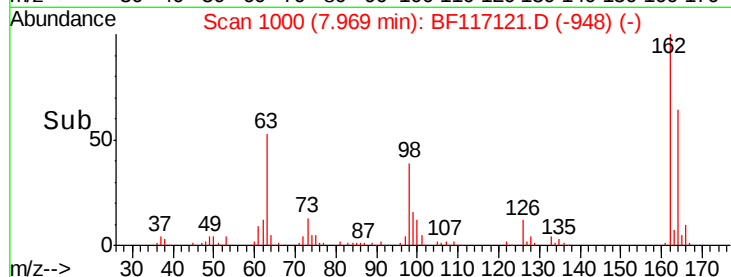
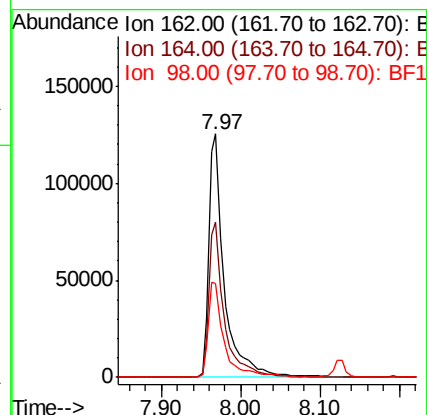
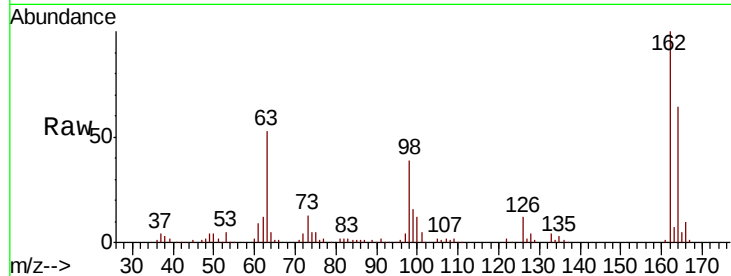
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319MSD

Tot Ion:	162	Resp:	171674
Ion Ratio	Lower	Upper	
162	100		
164	63.9	43.8	83.8
98	38.6	22.1	62.1

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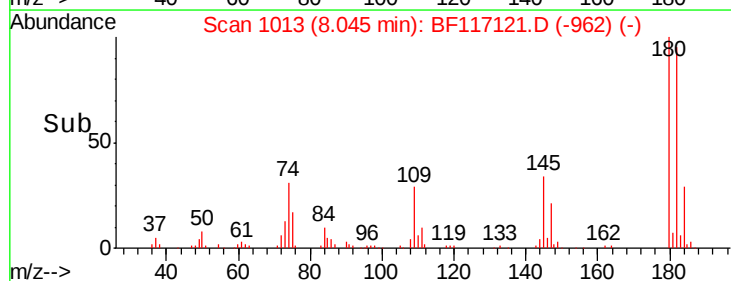
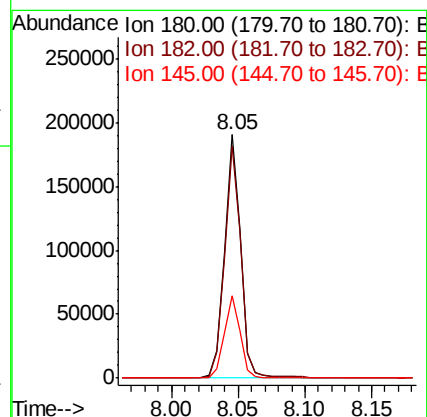
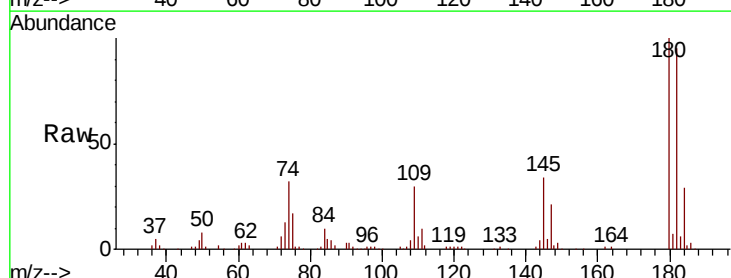
mohammad

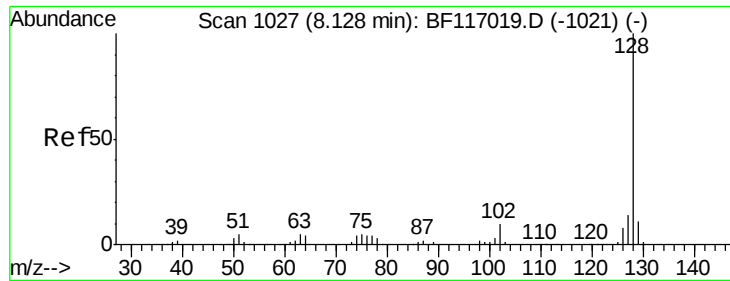
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#30
 1,2,4-Trichlorobenzene
 Concen: 46.962 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion:	180	Resp:	163655
Ion Ratio	Lower	Upper	
180	100		
182	95.3	75.4	113.0
145	33.6	26.7	40.1





#31
Naphthalene
Concen: 49.955 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

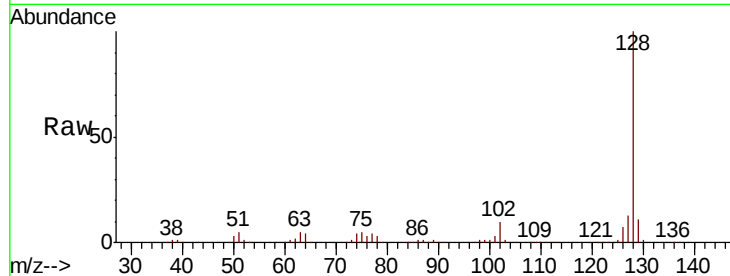
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.0	13.4
127	12.9	10.8	16.2

Manual Integrations
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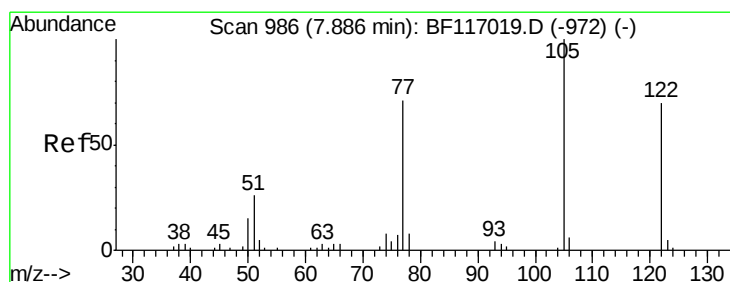
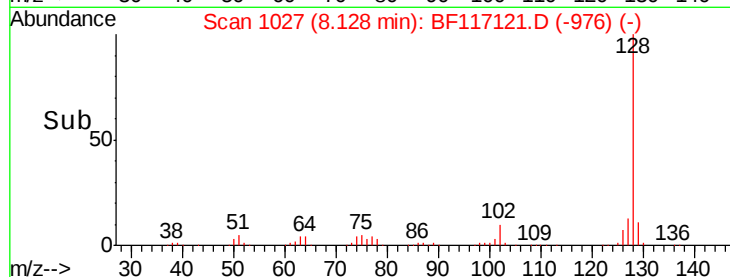
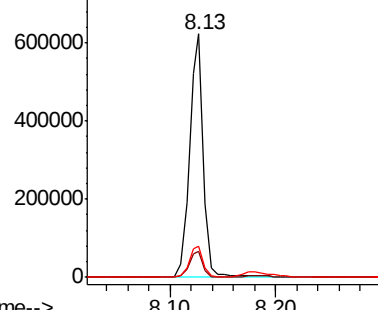


Abundance

Ion 128.00 (127.70 to 128.70): E

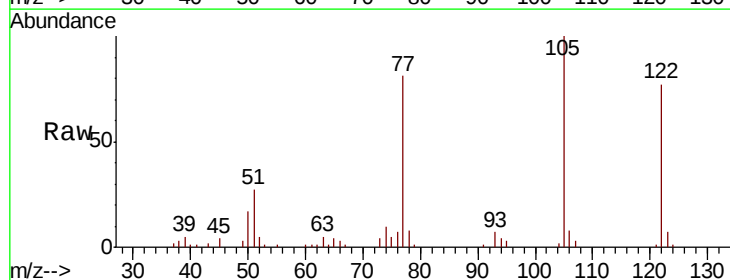
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 31.658 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.9	114.8	154.8
77	104.6	78.7	118.7

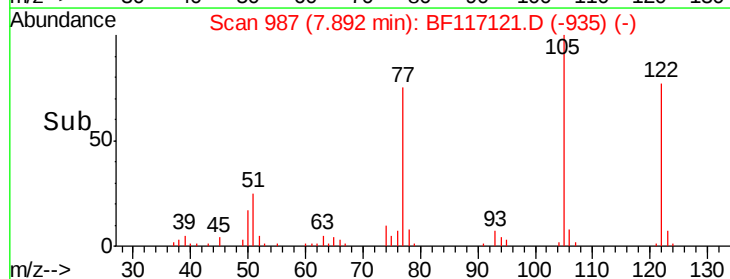
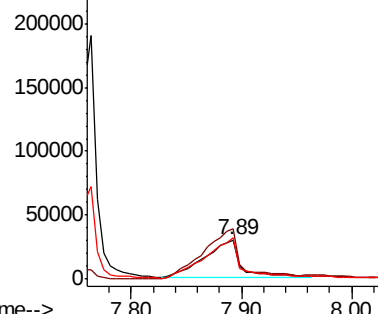


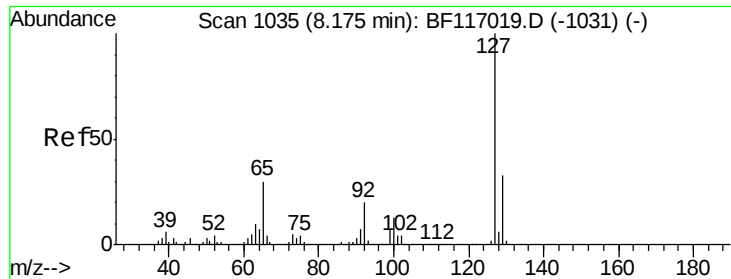
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33
4-Chloroaniline
Concen: 5.684 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

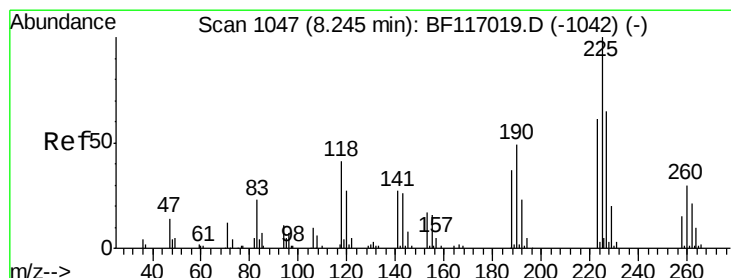
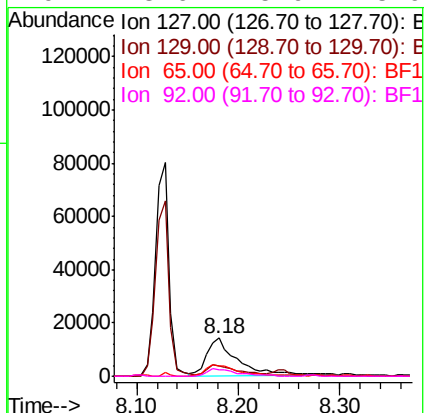
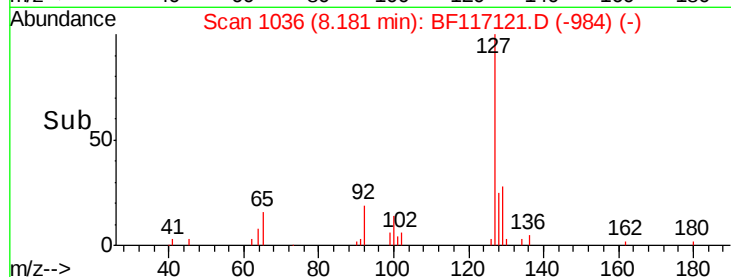
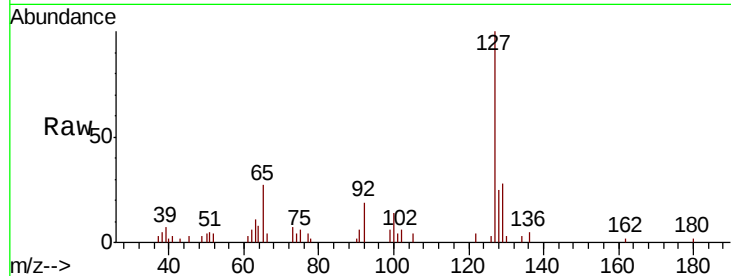
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		29152		
129	28.5	26.2	39.2		
65	27.4	23.5	35.3		
92	18.6	15.9	23.9		

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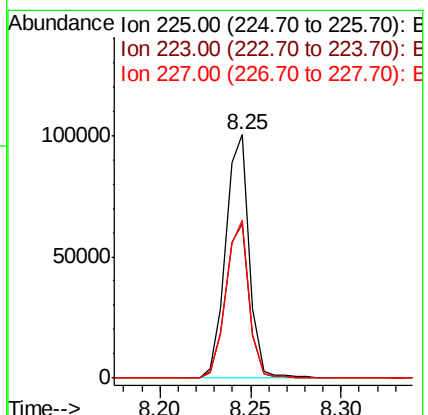
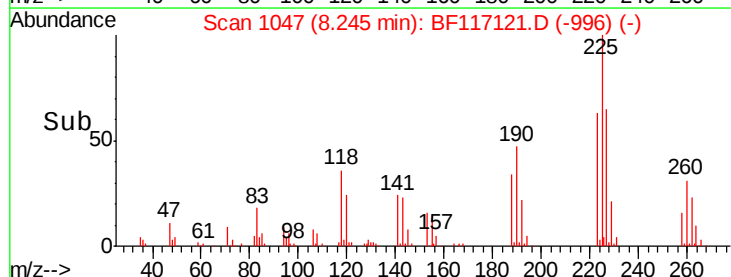
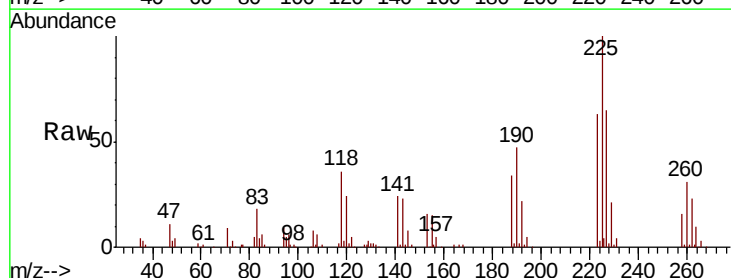
mohammad

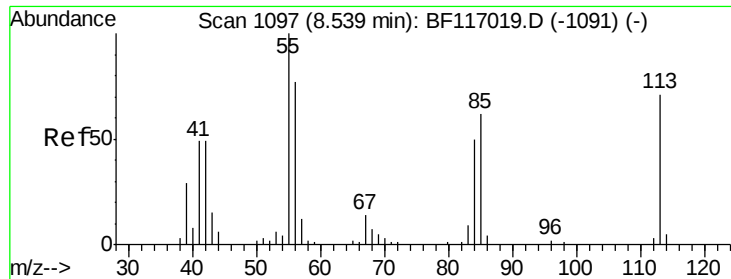
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#34
Hexachlorobutadiene
Concen: 45.678 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		90311		
223	63.4	49.1	73.7		
227	64.9	52.2	78.2		





#35
 Caprolactam
 Concen: 39.751 ng/ml
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

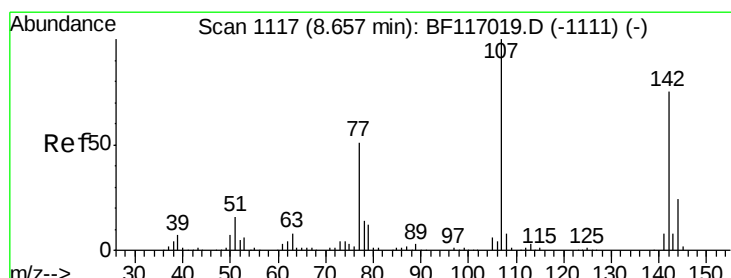
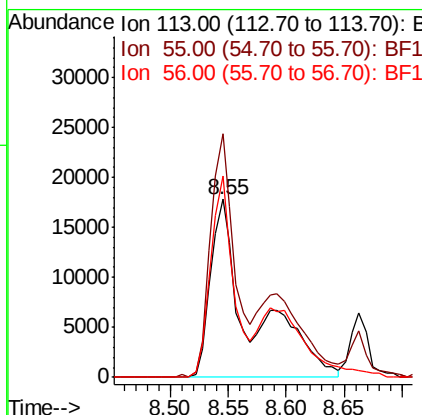
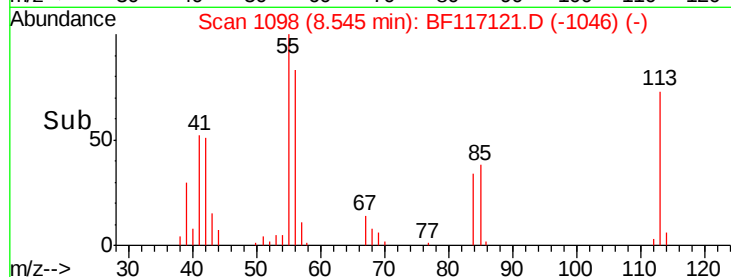
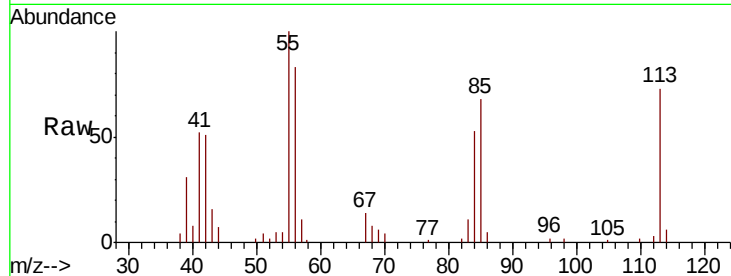
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	136.6	120.6	160.6	
56	112.9	88.8	128.8	

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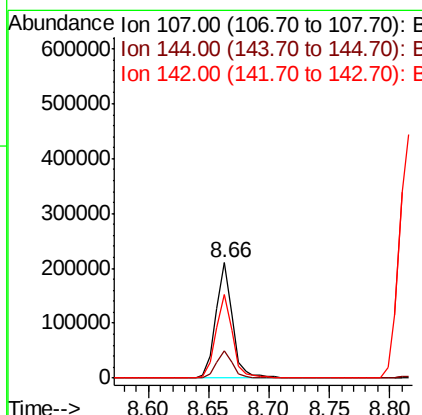
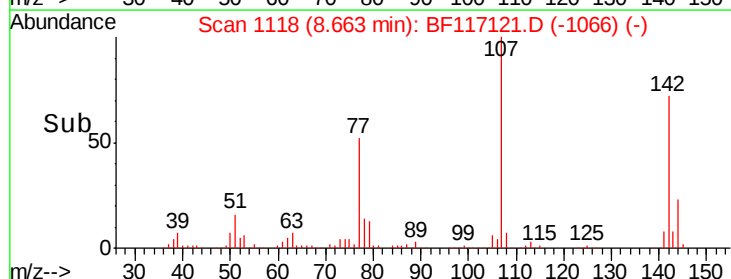
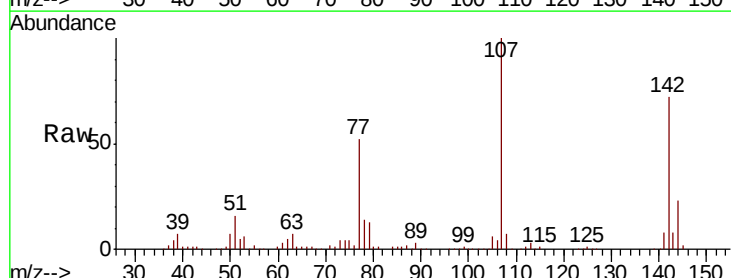
mohammad

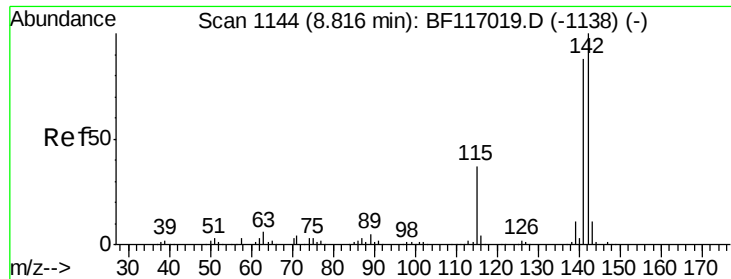
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#36
 4-Chloro-3-methylphenol
 Concen: 52.873 ng/ml
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	23.4	19.2	28.8	
142	72.4	59.6	89.4	





#37
2-Methylnaphthalene
Concen: 51.931 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

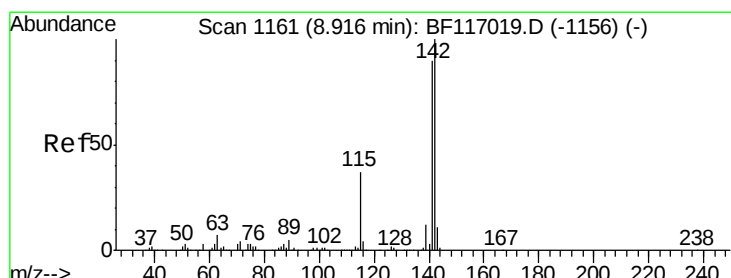
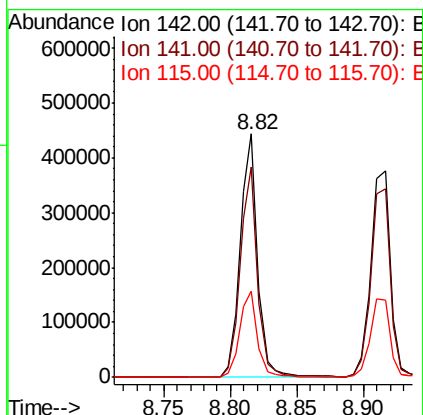
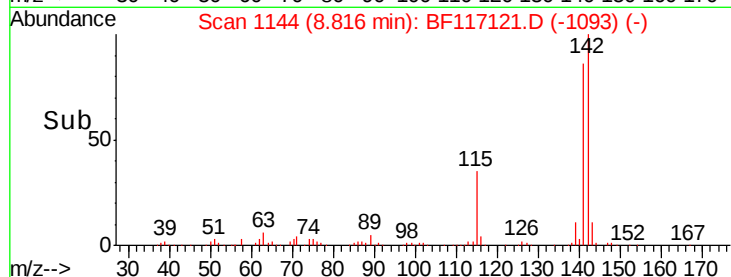
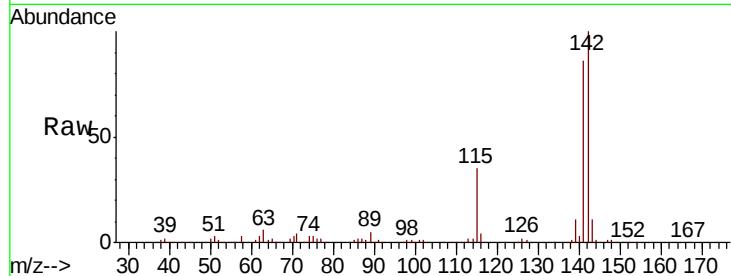
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.1	70.7	106.1
115	35.2	29.4	44.0

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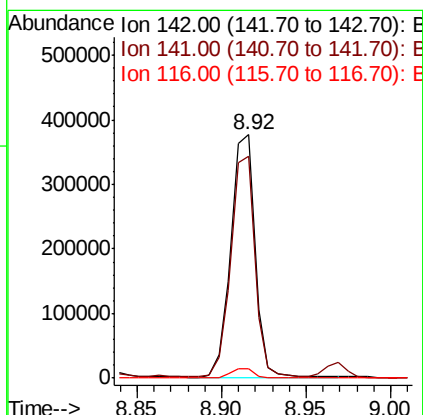
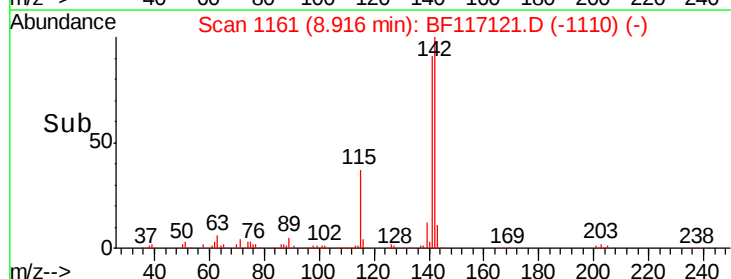
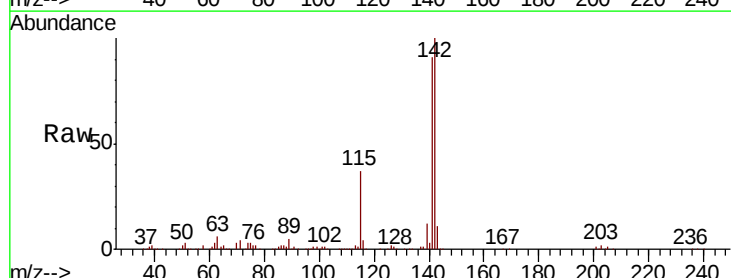
mohammad

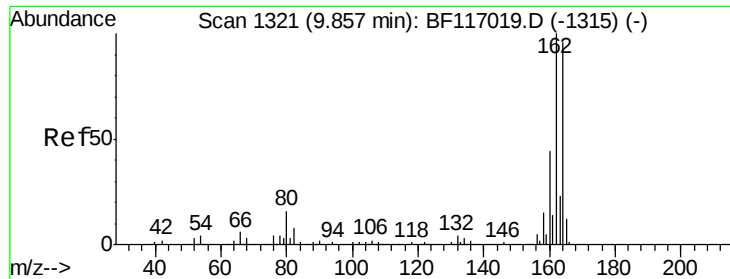
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#38
1-Methylnaphthalene
Concen: 51.090 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.9	107.9
116	3.7	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: BF117121.D
Acq: 17 Sep 2019 21:44

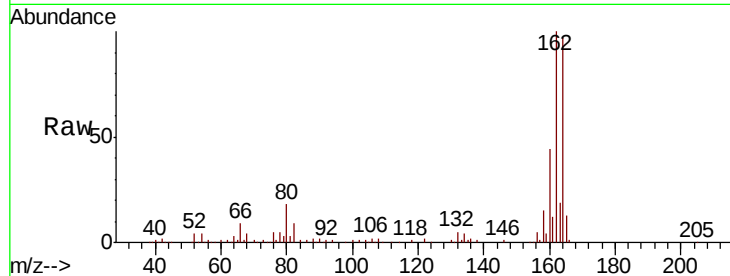
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.3	83.4	125.2	
160	45.1	36.4	54.6	

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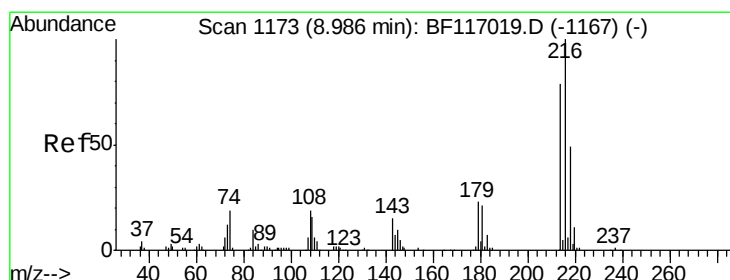
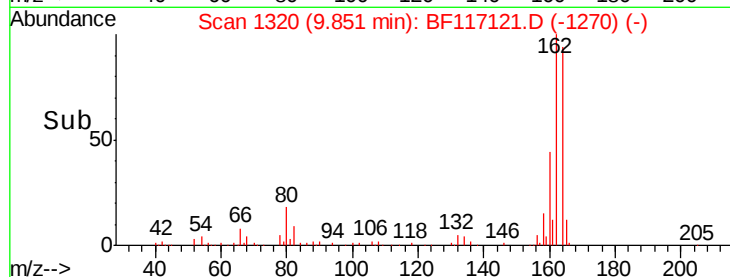
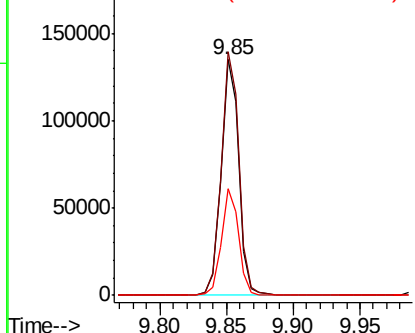


Abundance

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: 48.636 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.0	63.6	95.4	
179	23.2	18.3	27.5	
108	24.4	17.8	26.6	

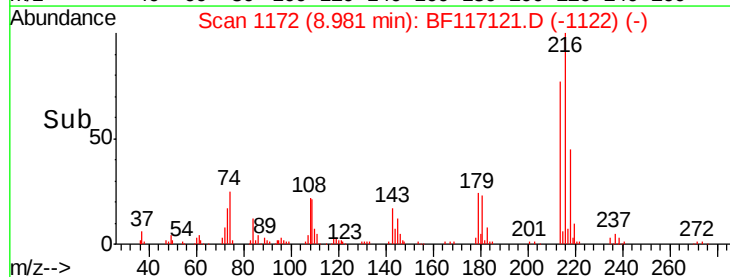
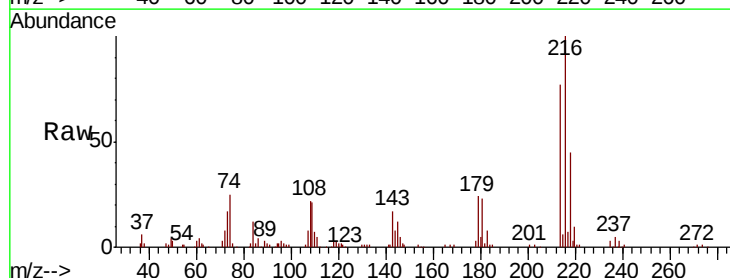
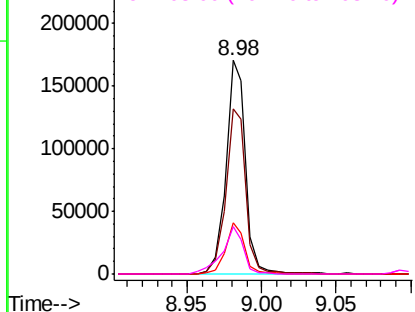
Abundance

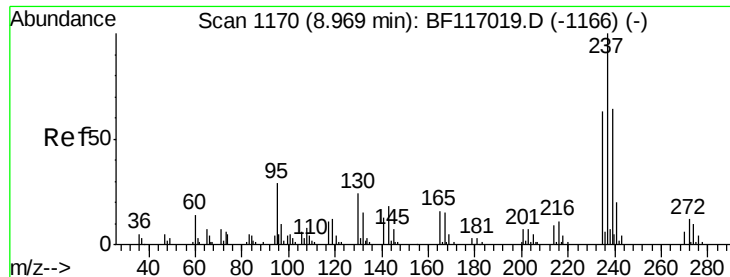
Ion 216.00 (215.70 to 216.70): E

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: 89.353 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA_F

ClientSampleId :

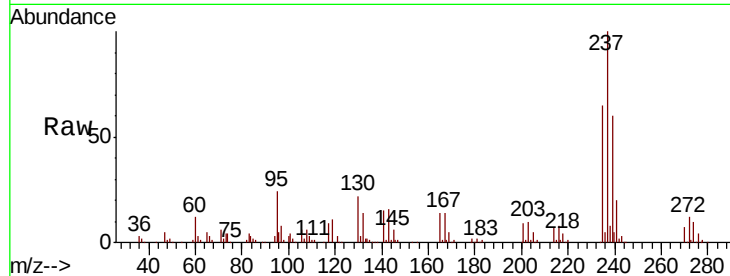
HD-02-091319MSD

Tot Ion:	237	Resp:	130183
Ion Ratio	Lower	Upper	
237	100		
235	64.6	43.2	83.2
272	12.3	0.0	31.9

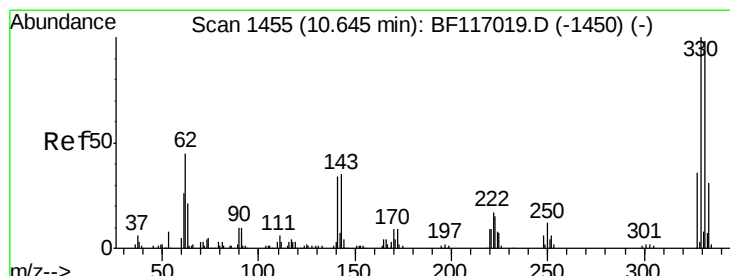
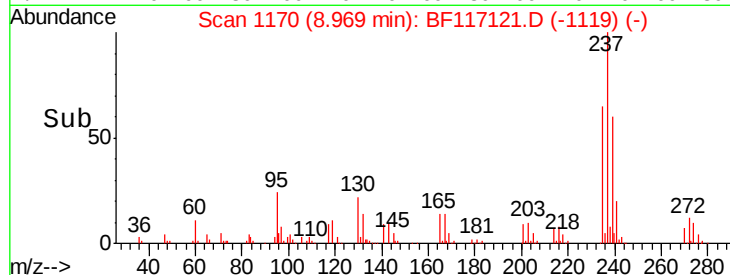
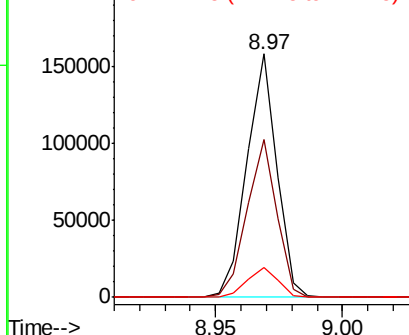
Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 155.752 ng

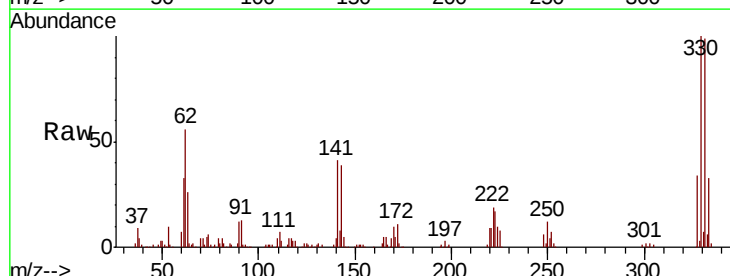
RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

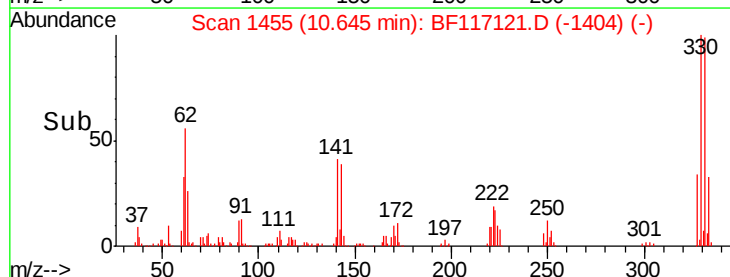
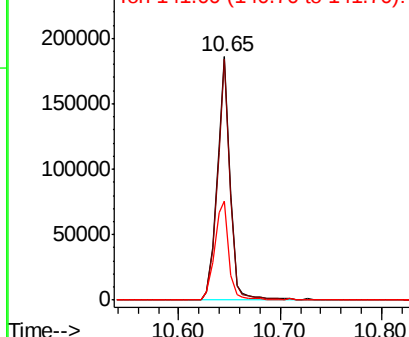
Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Tgt Ion:	330	Resp:	164286
Ion Ratio	Lower	Upper	
330	100		
332	97.5	78.0	117.0
141	44.7	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: 50.221 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

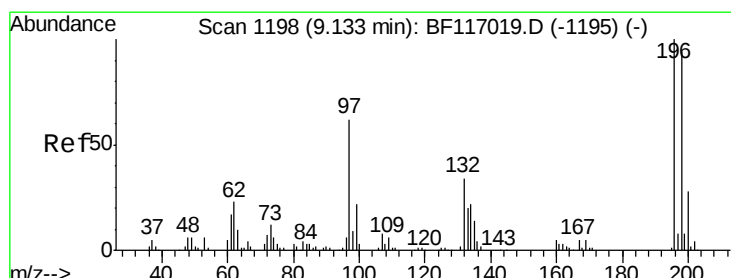
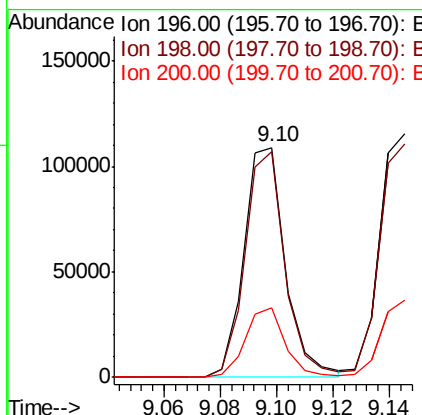
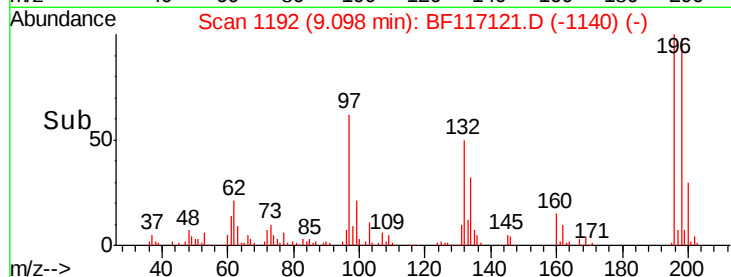
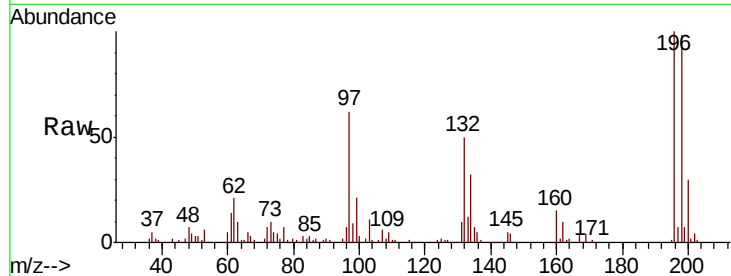
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319MSD

Tot Ion:	196	Resp:	111071
Ion Ratio	Lower	Upper	
196	100		
198	97.8	75.7	113.5
200	30.5	23.3	34.9

Manual Integrations
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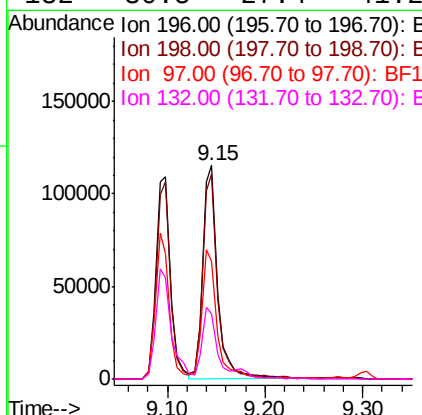
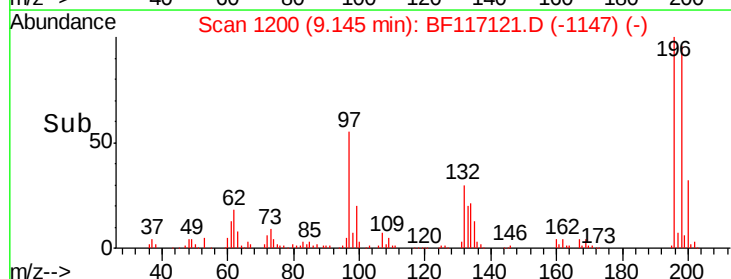
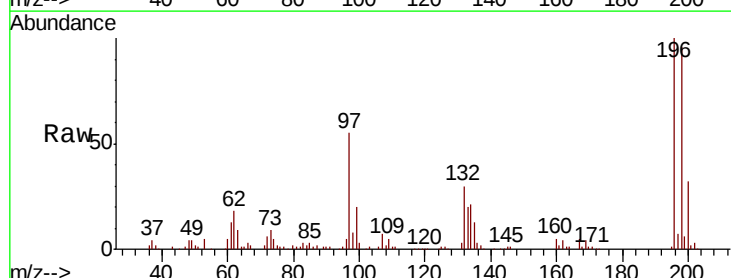
mohammad

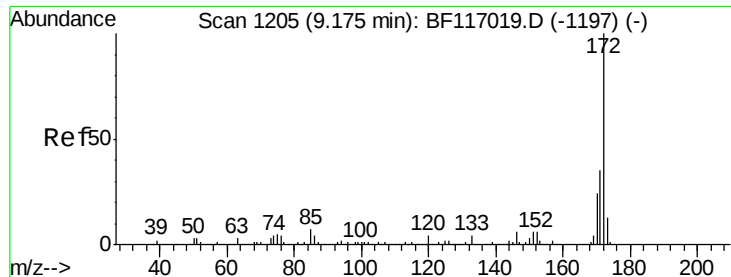
9/19/2019 4:45:21 PM



#44
 2,4,5-Trichlorophenol
 Concen: 51.743 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion:	196	Resp:	122265
Ion Ratio	Lower	Upper	
196	100		
198	96.1	74.6	112.0
97	55.0	49.5	74.3
132	30.5	27.4	41.2





#45

2-Fluorobiphenyl

Concen: 101.593 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA_F

ClientSampleId :

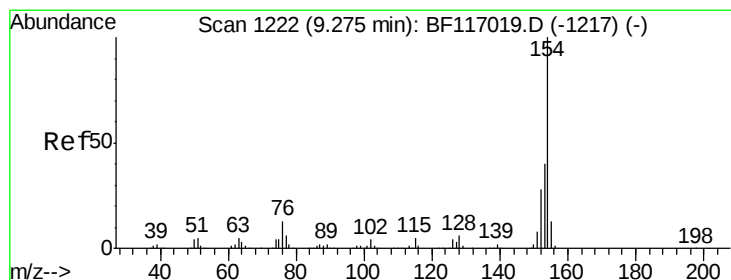
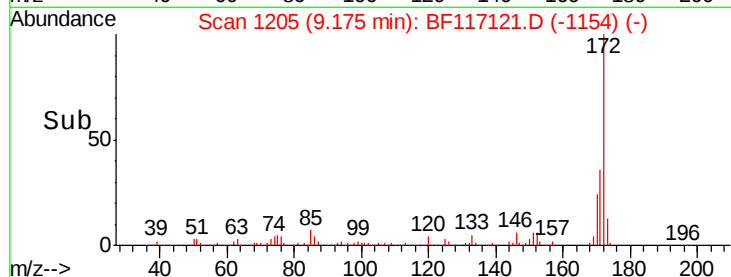
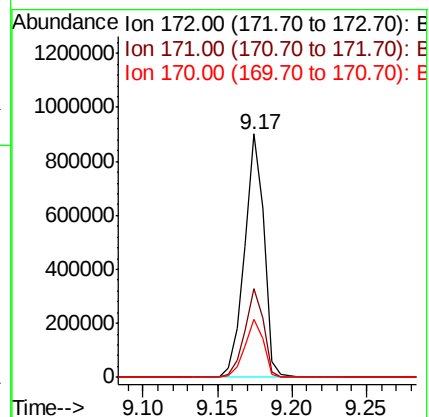
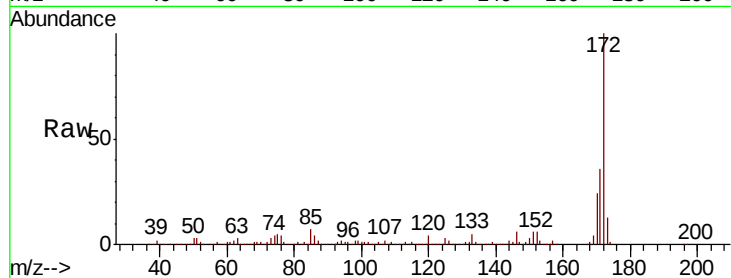
HD-02-091319MSD

Tot Ion:	172	Resp:	820021
Ion Ratio	Lower	Upper	
172	100		
171	36.4	28.2	42.2
170	23.9	18.9	28.3

Manual Integrations
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#46

1,1'-Biphenyl

Concen: 48.532 ng

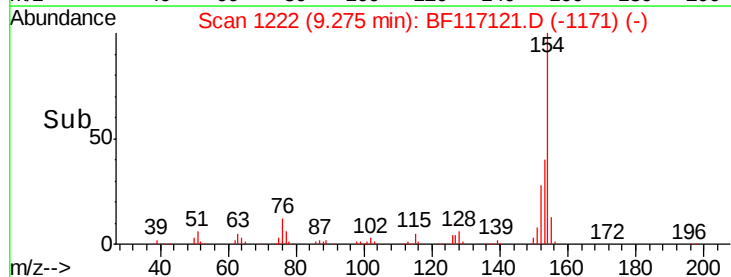
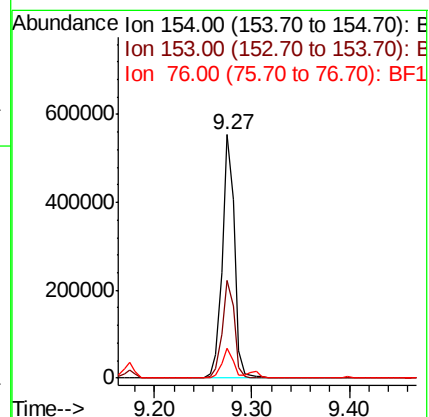
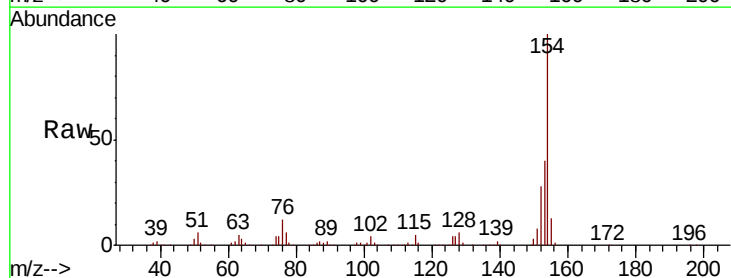
RT: 9.27 min Scan# 1222

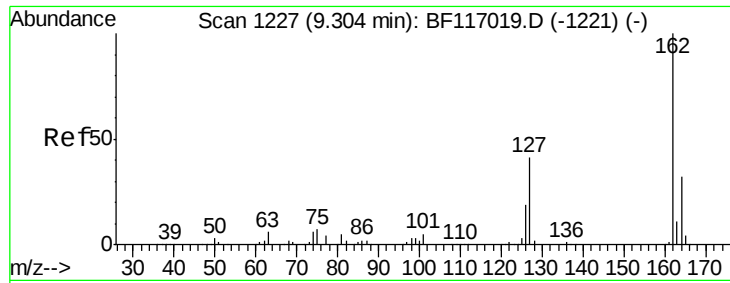
Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Tgt Ion:	154	Resp:	480446
Ion Ratio	Lower	Upper	
154	100		
153	40.0	20.0	60.0
76	12.3	0.0	32.7





#47
2-Chloronaphthalene
Concen: 48.737 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

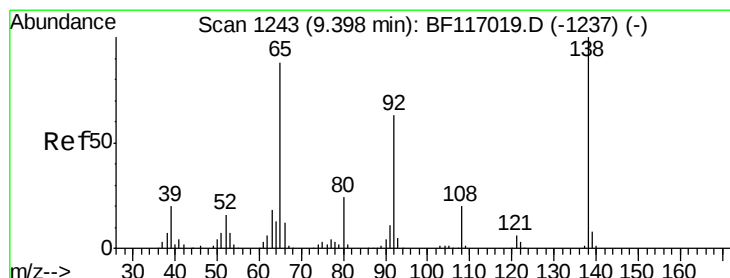
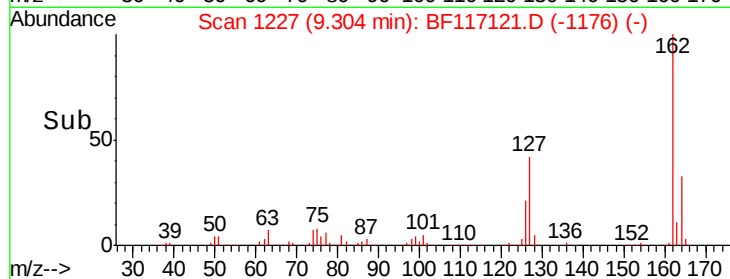
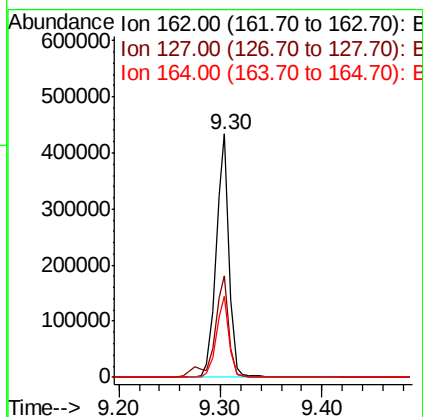
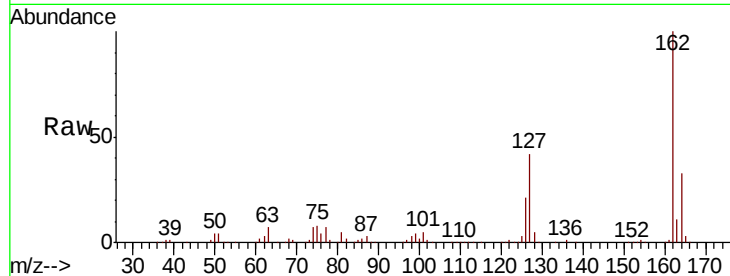
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	41.8	34.1	51.1		
164	33.1	25.9	38.9		

Manual Integrations
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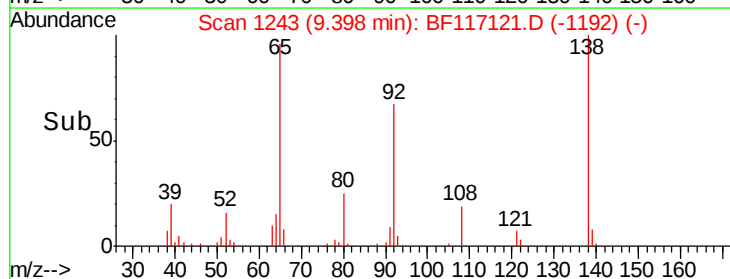
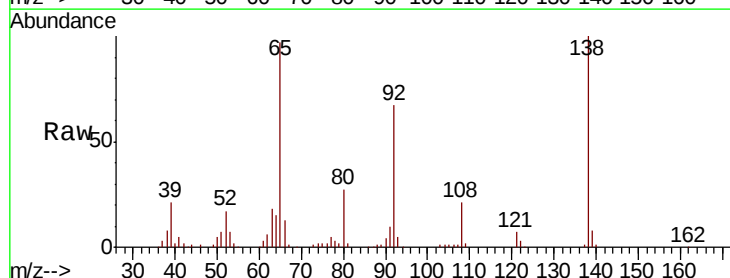
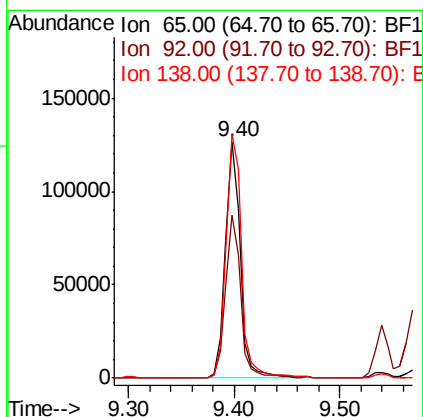
mohammad

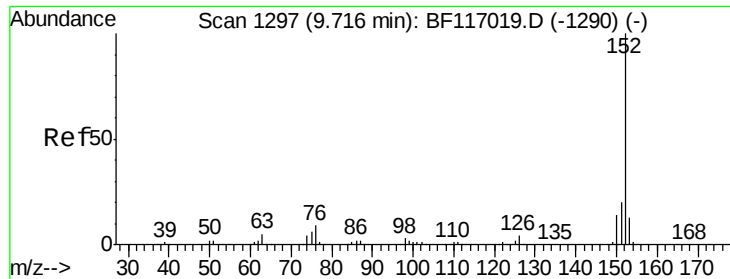
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#48
2-Nitroaniline
Concen: 50.212 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	68.8	57.5	86.3		
138	102.9	90.6	136.0		





#49

Acenaphthylene

Concen: 51.523 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA_F

ClientSampleId :

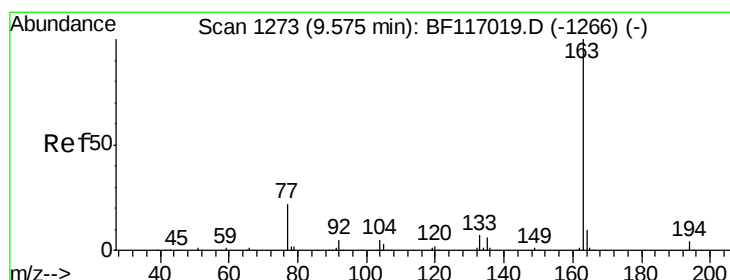
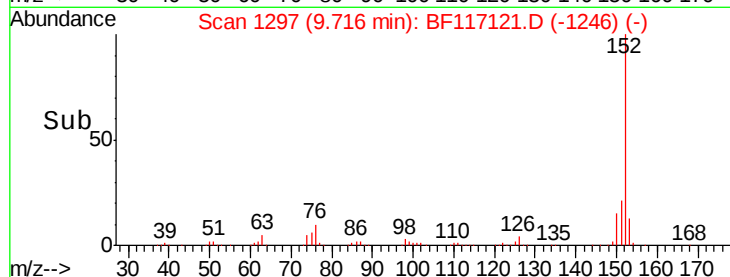
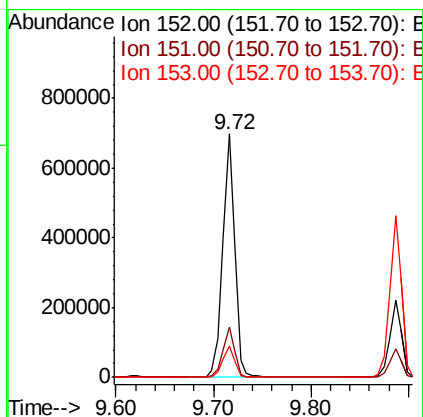
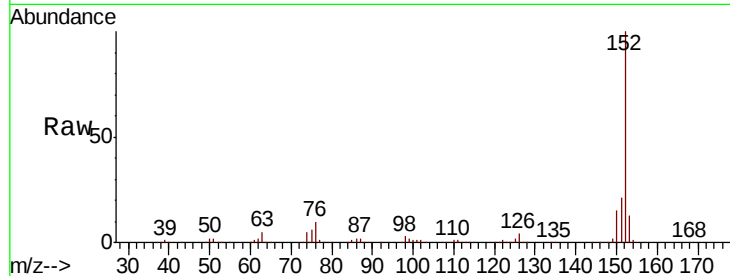
HD-02-091319MSD

Tot Ion:	152	Resp:	603037
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.2	24.2
153	12.8	10.2	15.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 52.464 ng

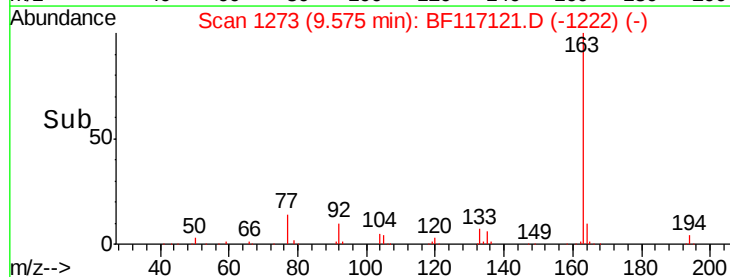
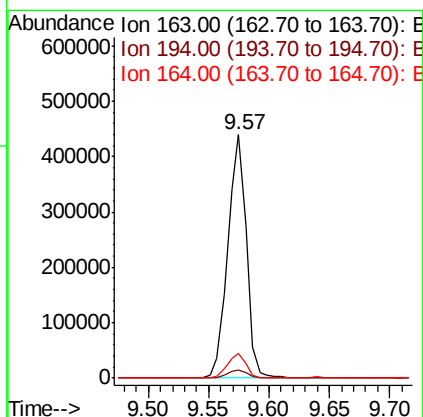
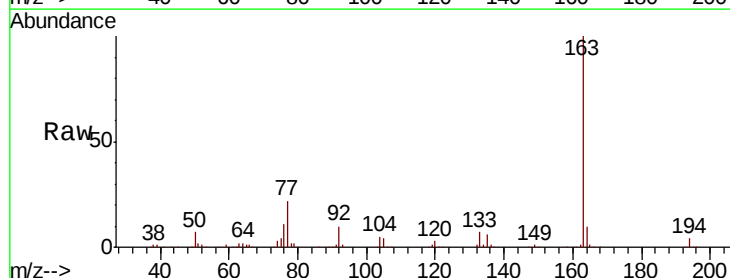
RT: 9.57 min Scan# 1273

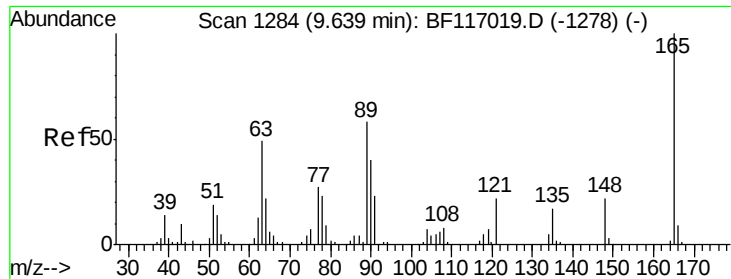
Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Tgt Ion:	163	Resp:	468820
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.9	4.3
164	10.1	8.2	12.4





#51
2,6-Dinitrotoluene
Concen: 55.261 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

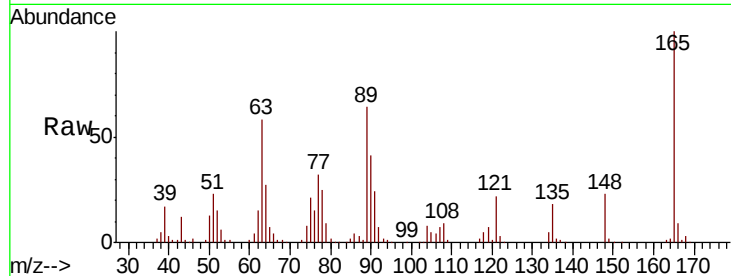
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion:	165	Resp:	100574
Ion Ratio	Lower	Upper	
165	100		
63	58.0	41.8	62.8
89	63.6	46.5	69.7

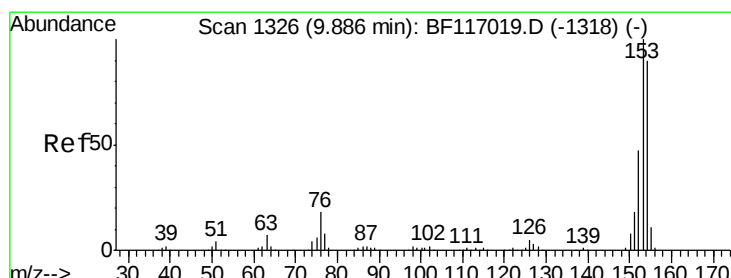
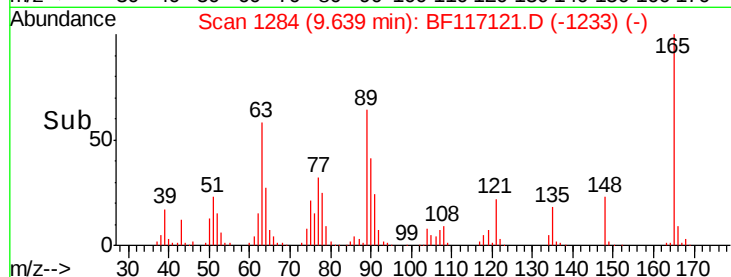
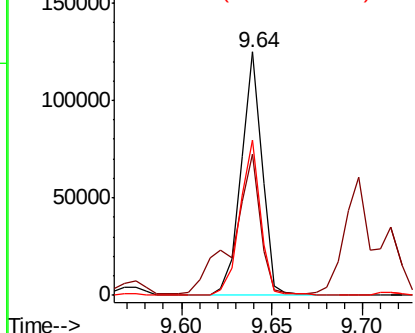
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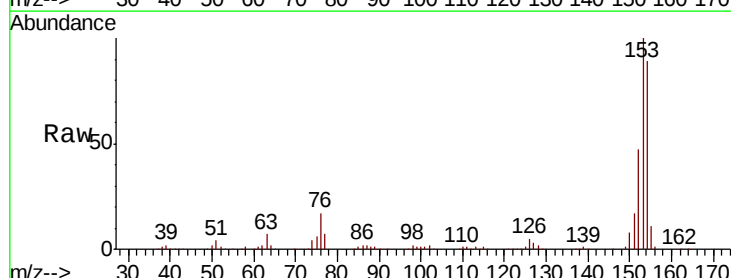


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

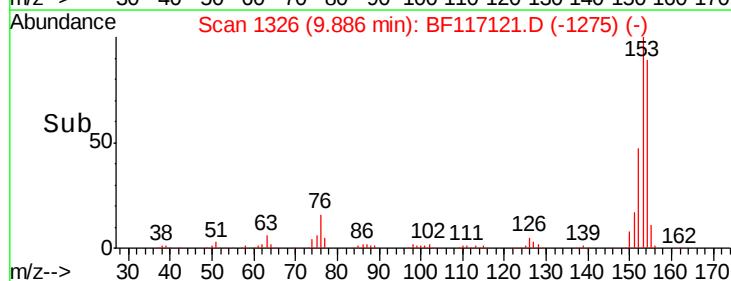
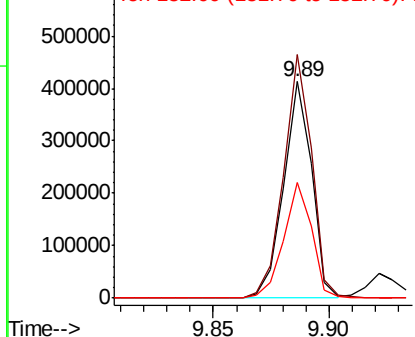


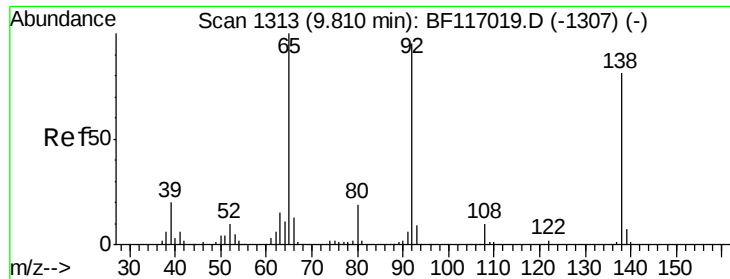
#52
Acenaphthene
Concen: 49.696 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion:	154	Resp:	344796
Ion Ratio	Lower	Upper	
154	100		
153	112.5	89.0	133.6
152	53.4	41.9	62.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53
3-Nitroaniline
Concen: 18.358 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

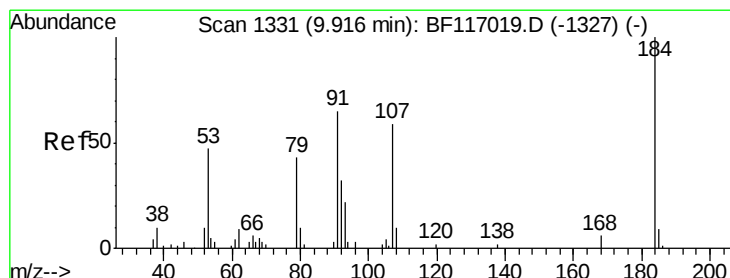
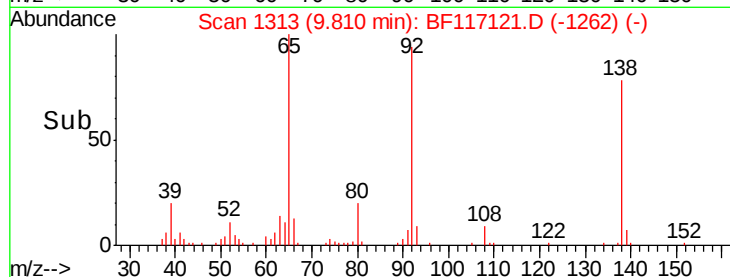
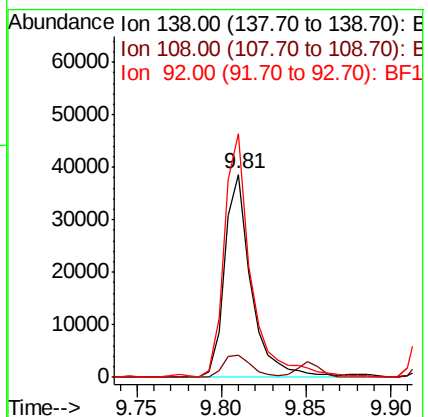
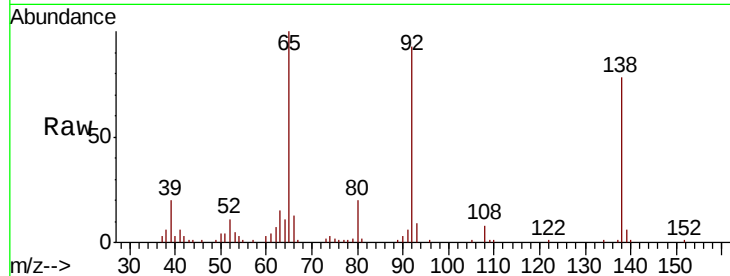
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.5	14.3
92	119.9	94.1	141.1

Manual Integrations
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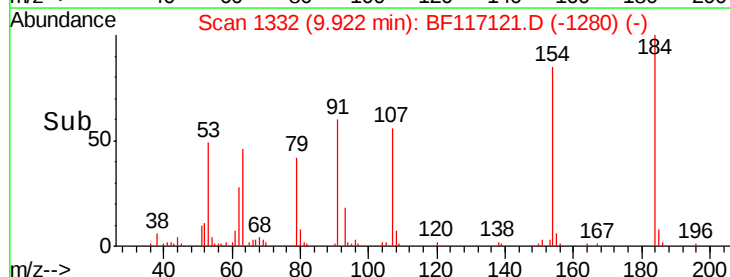
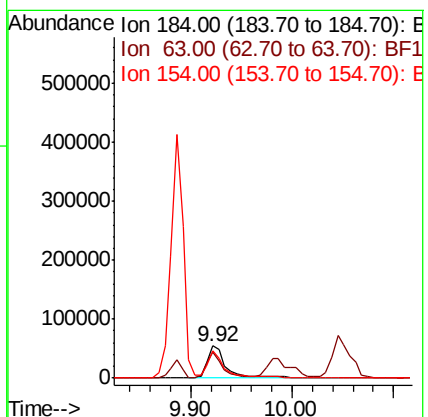
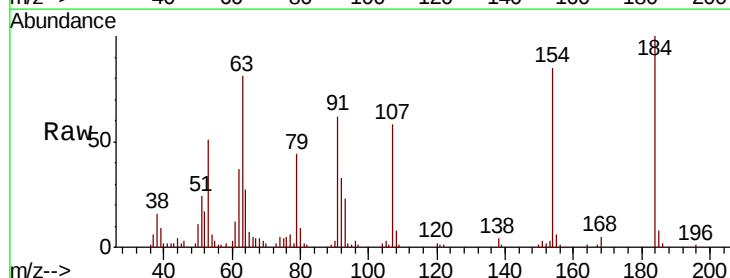
mohammad

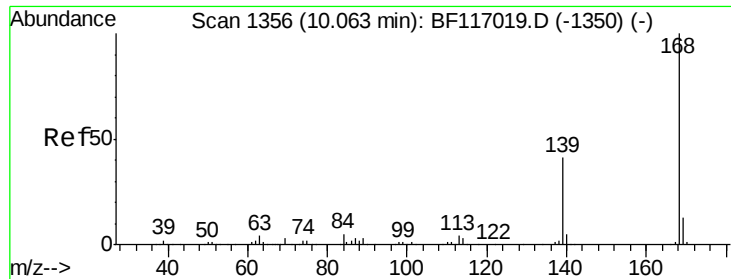
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#54
2,4-Dinitrophenol
Concen: 88.169 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	81.3	63.8	95.6
154	84.9	60.4	90.6





#55
Dibenzenofuran
Concen: 51.407 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

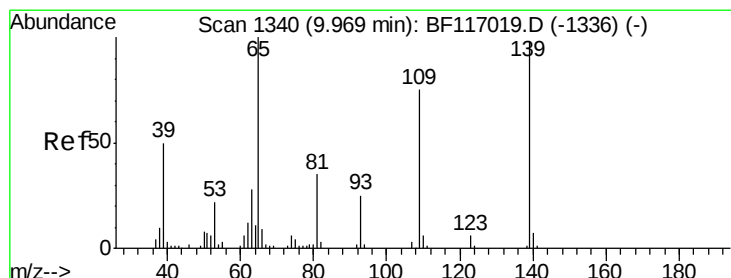
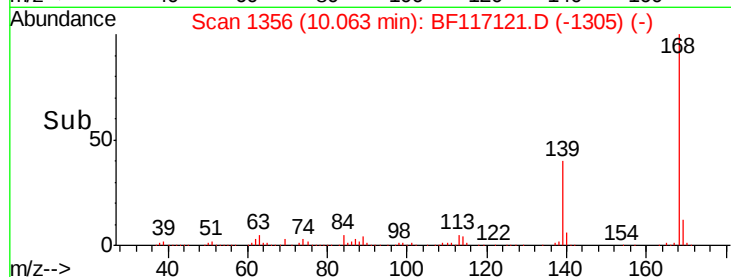
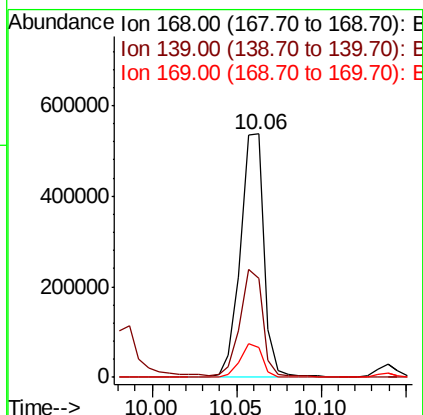
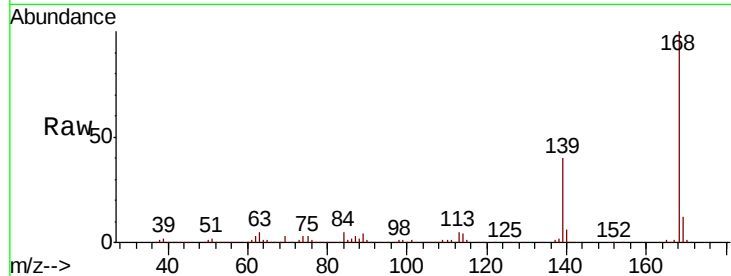
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	32.8	49.2
169	12.3	10.5	15.7

Manual Integrations
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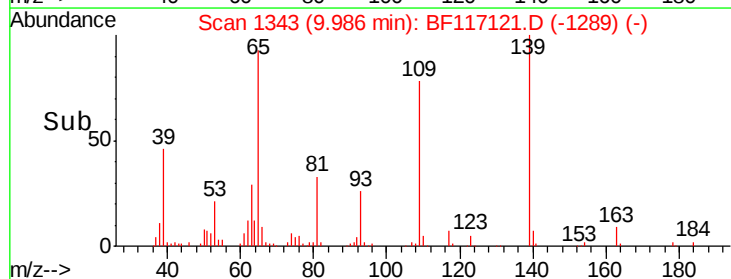
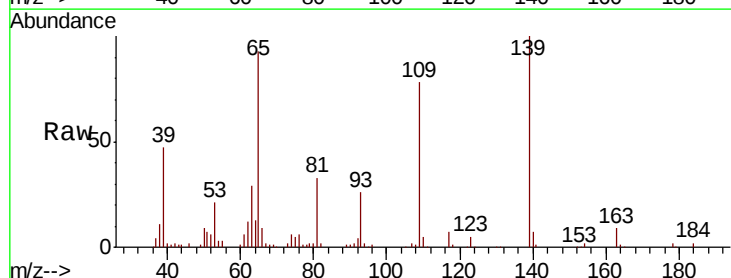
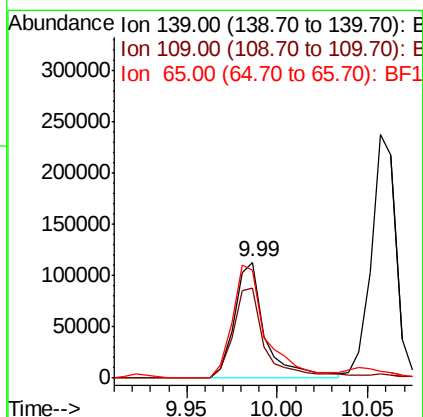
mohammad

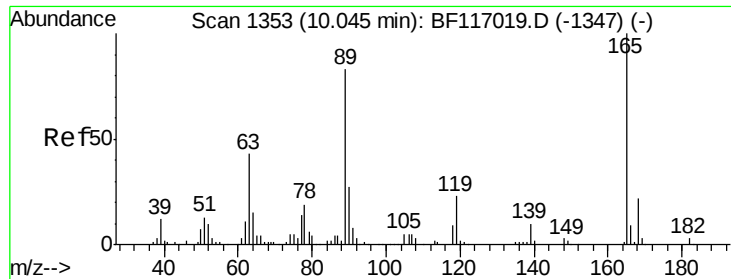
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#56
4-Nitrophenol
Concen: 89.507 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.6	56.4	96.4
65	93.3	82.5	122.5





#57
2,4-Dinitrotoluene
Concen: 57.924 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

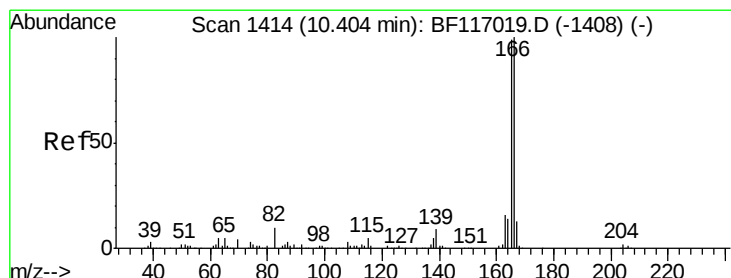
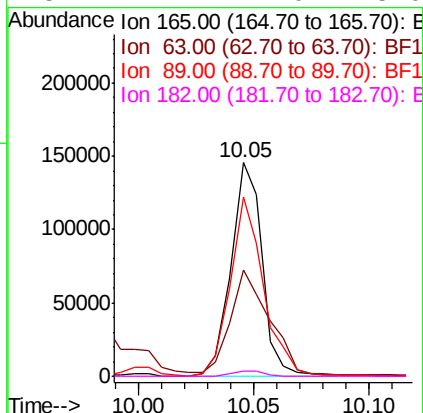
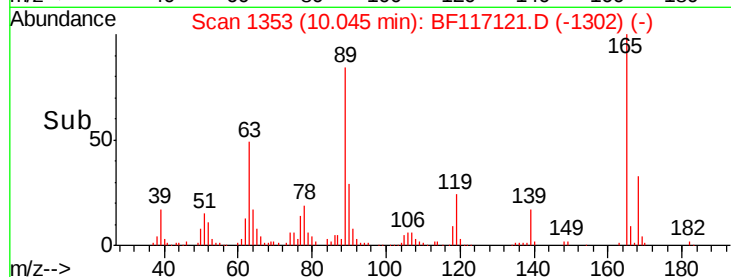
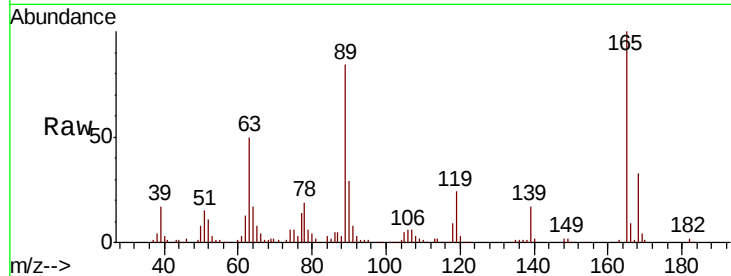
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.9	35.0	52.4	
89	83.8	66.1	99.1	
182	2.4	2.0	3.0	

Manual Integrations
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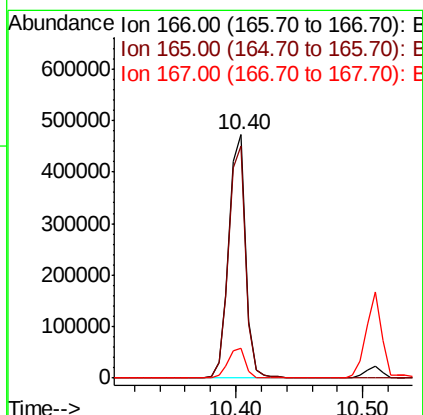
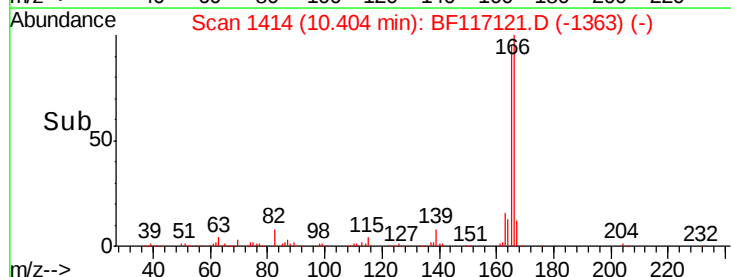
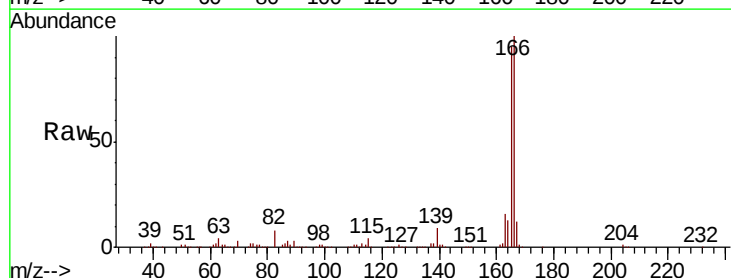
mohammad

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#58
Fluorene
Concen: 52.901 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	95.2	78.9	118.3	
167	12.5	10.6	15.8	





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.938 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

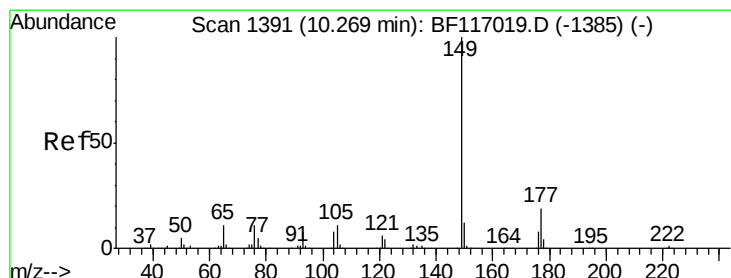
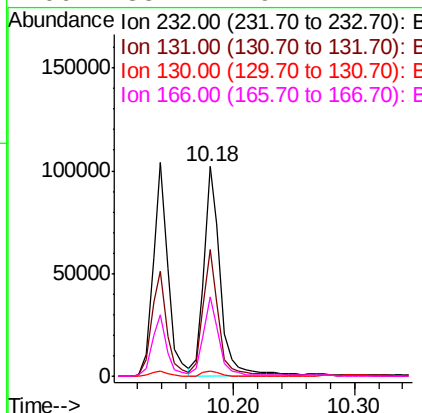
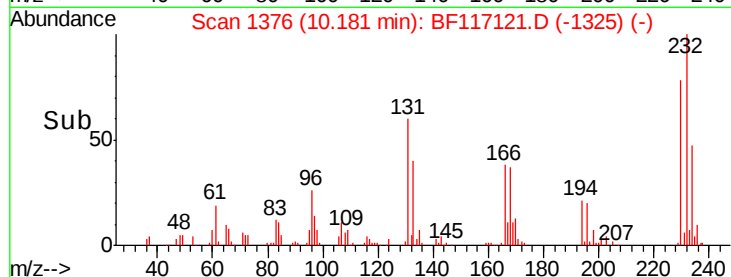
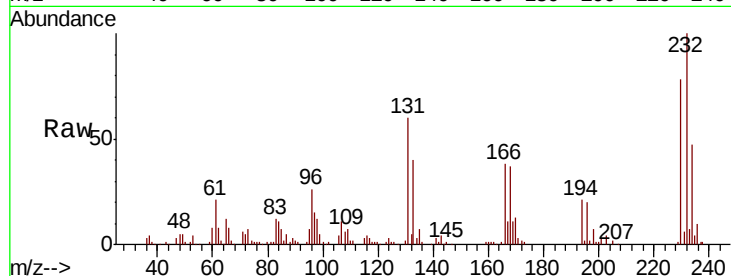
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		95724		
131	56.7	45.3	67.9		
130	2.4	1.8	2.8		
166	35.7	29.4	44.2		

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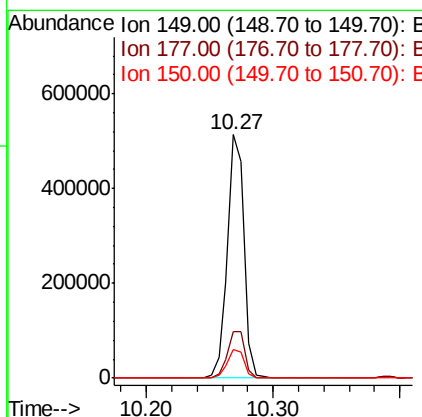
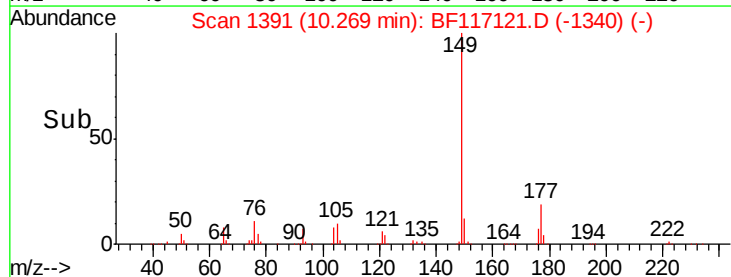
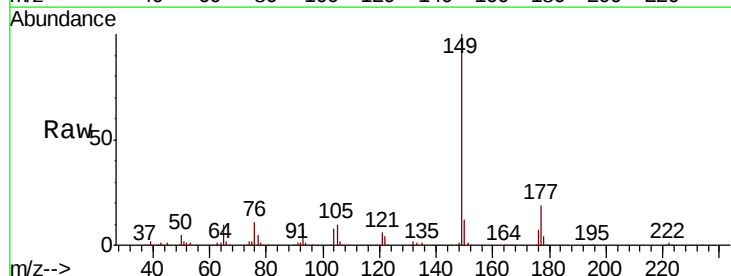
mohammad

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#60
Diethylphthalate
Concen: 52.734 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		463605		
177	19.3	15.2	22.8		
150	11.7	9.9	14.9		





#61
 4-Chlorophenyl-phenylether
 Concen: 52.727 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

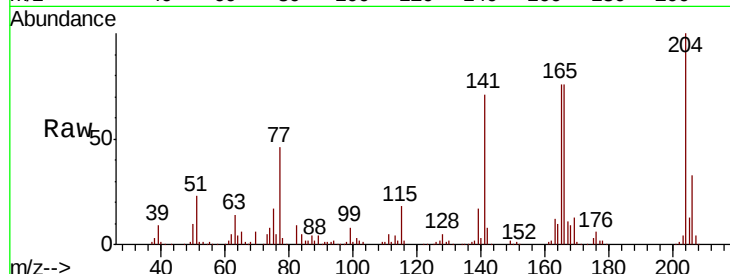
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.0	39.0
141	70.7	58.2	87.2

Manual Integrations
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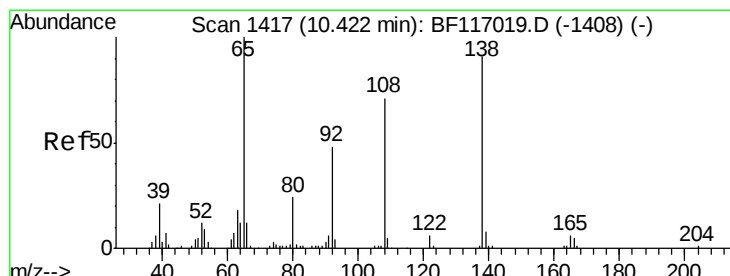
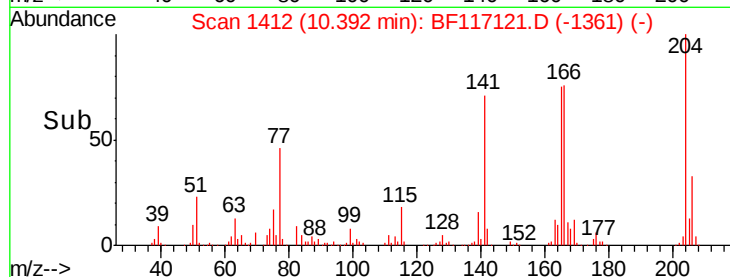
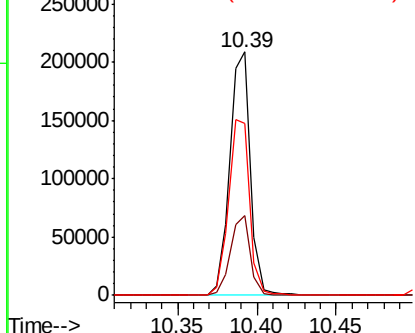


Abundance

Ion 204.00 (203.70 to 204.70): E

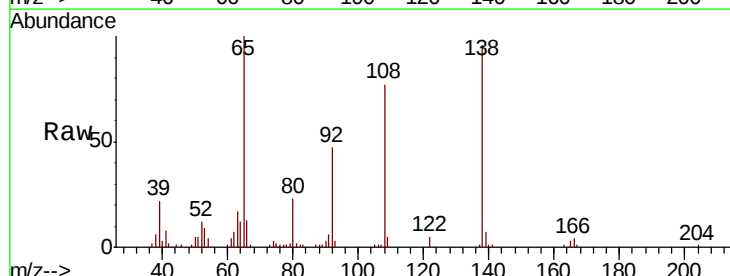
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 47.549 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	32.9	72.9
108	79.8	58.3	98.3

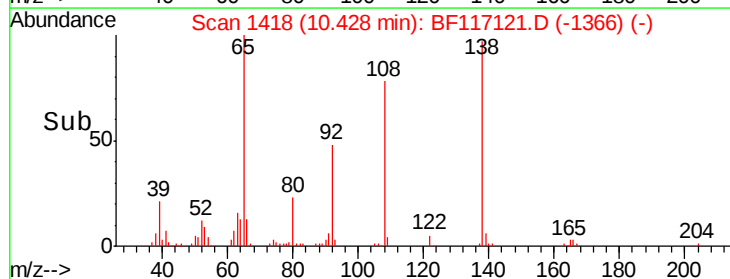
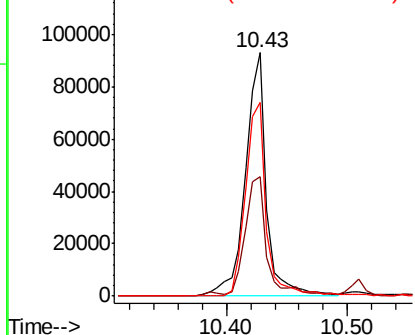


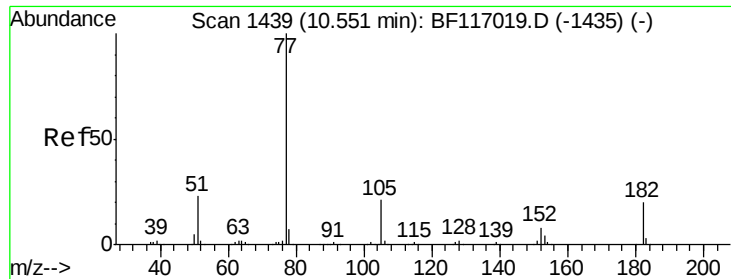
Abundance

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: 51.868 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

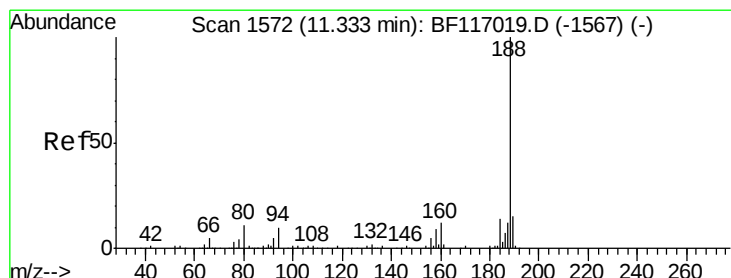
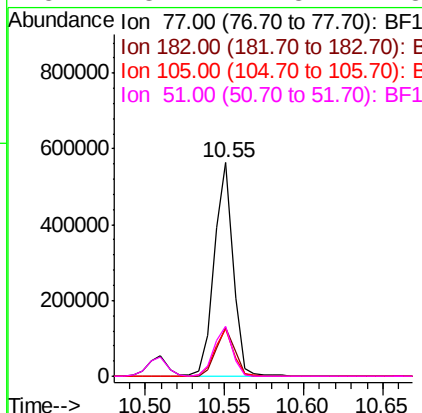
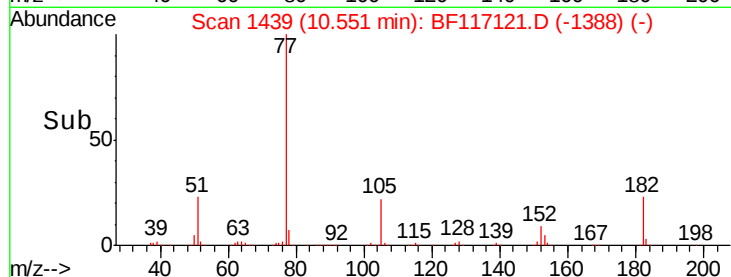
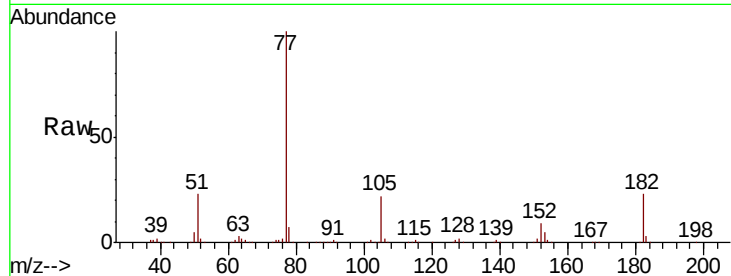
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	22.8	0.4	40.4		
105	22.2	0.9	40.9		
51	23.2	2.8	42.8		

Manual Integrations
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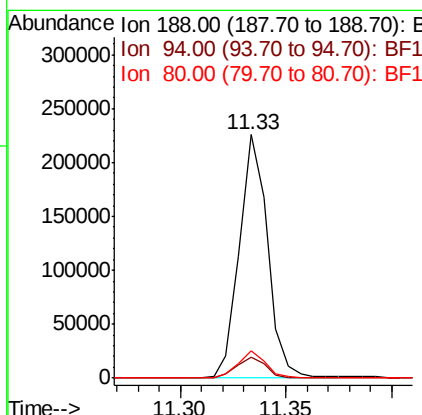
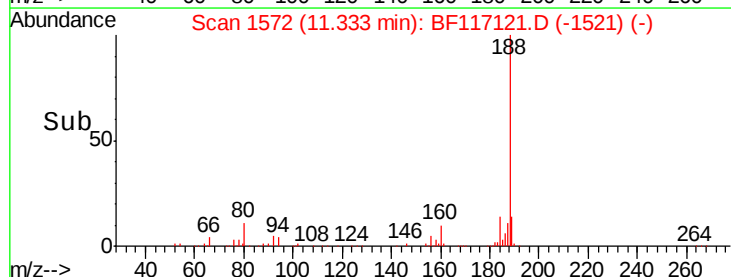
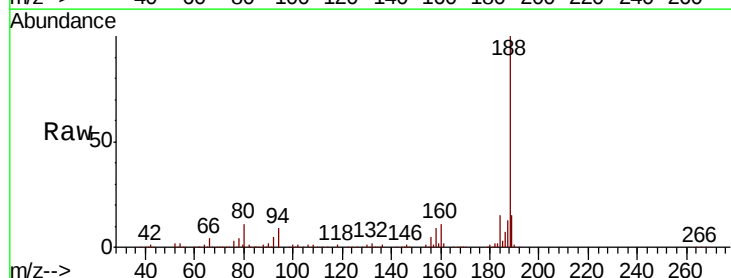
mohammad

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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: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.6	8.2	12.2		
80	11.2	9.0	13.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 52.518 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

Instrument :

BNA_F

ClientSampleId :

HD-02-091319MSD

Tot Ion:198 Resp: 50870

Ion Ratio Lower Upper

198 100

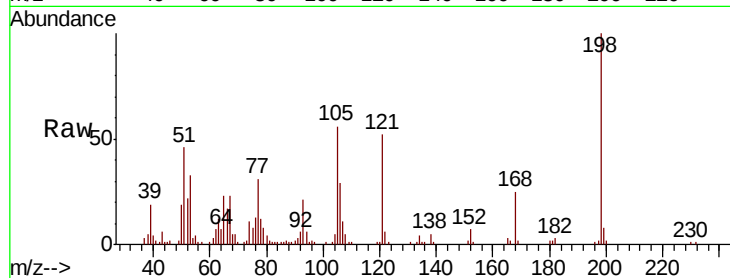
51 46.5 18.7 58.7

105 55.8 30.2 70.2

Manual Integrations
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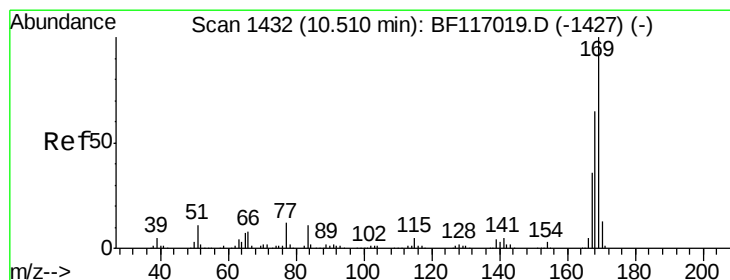
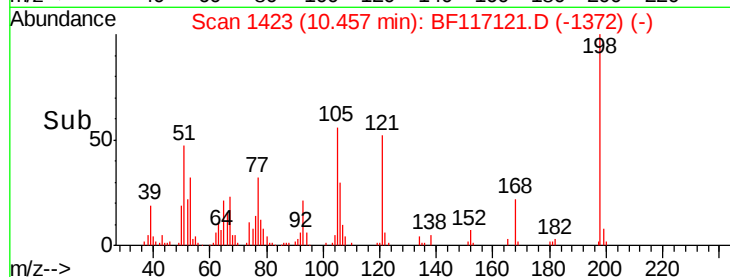
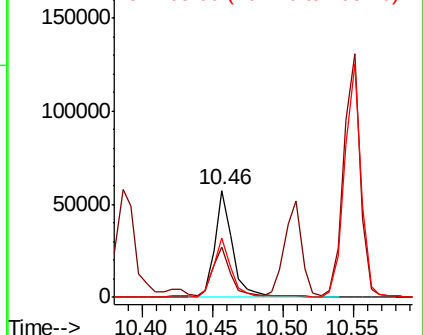
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.550 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF117121.D

Acq: 17 Sep 2019 21:44

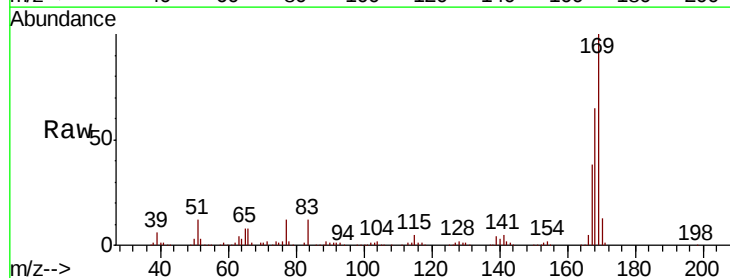
Tgt Ion:169 Resp: 380318

Ion Ratio Lower Upper

169 100

168 64.8 52.2 78.2

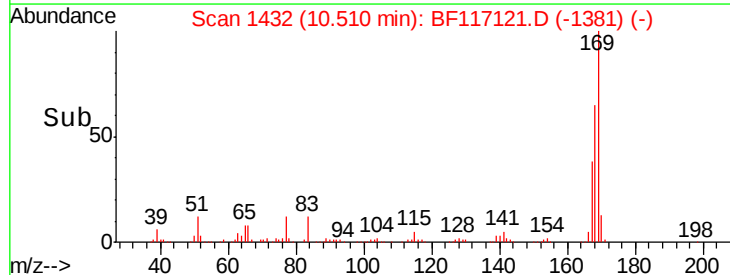
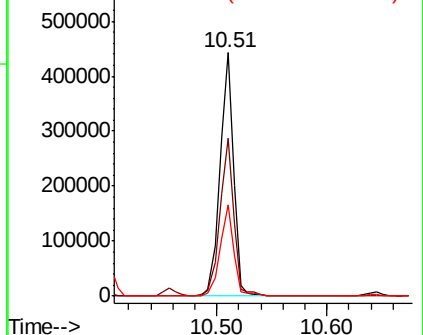
167 37.6 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67
 4-Bromophenyl-phenylether
 Concen: 52.516 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

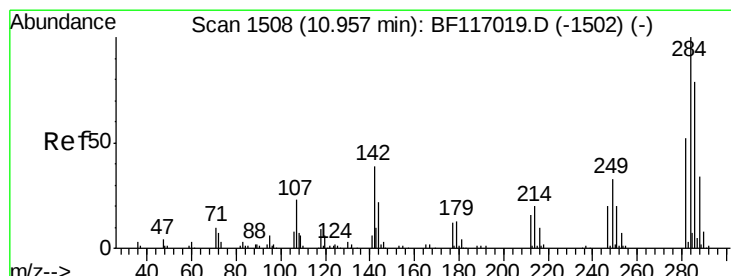
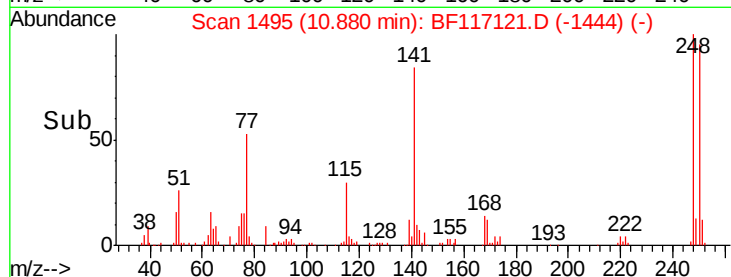
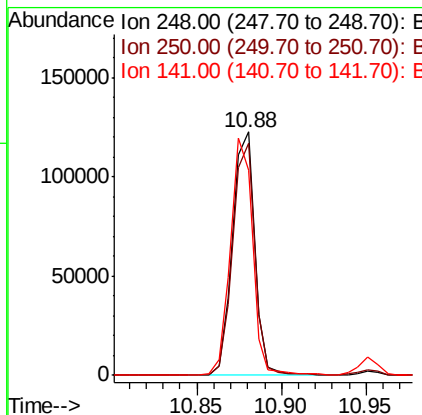
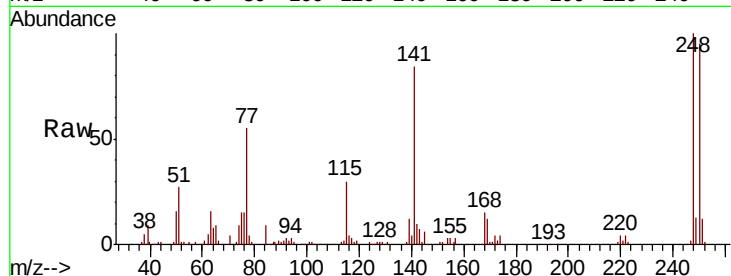
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319MSD

Tot Ion:	248	Resp:	112388
Ion Ratio	Lower	Upper	
248	100		
250	95.4	76.2	114.4
141	84.2	75.0	112.4

Manual Integrations
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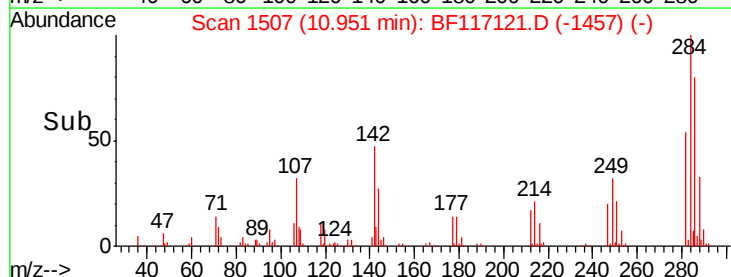
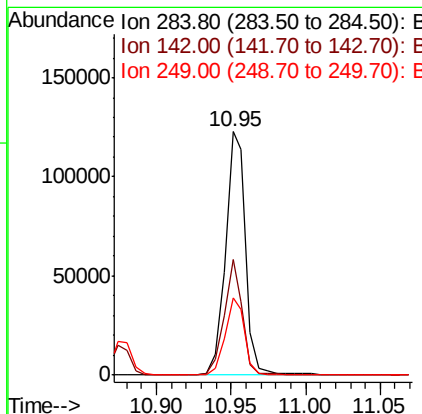
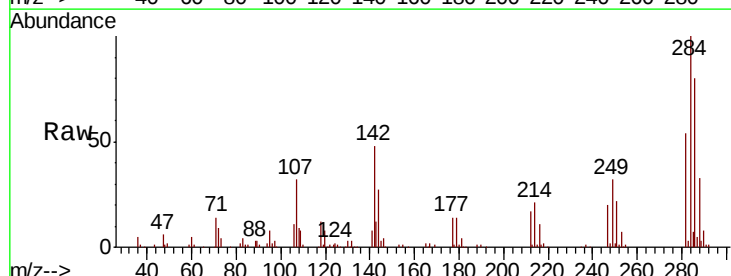
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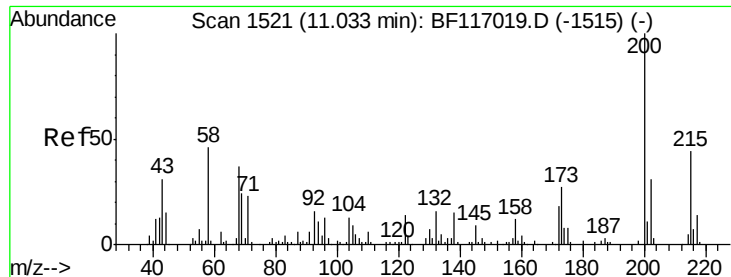
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#68
 Hexachlorobenzene
 Concen: 49.872 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion:	284	Resp:	116737
Ion Ratio	Lower	Upper	
284	100		
142	47.6	31.4	47.2#
249	31.9	26.5	39.7





#69
 Atrazine
 Concen: 53.050 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

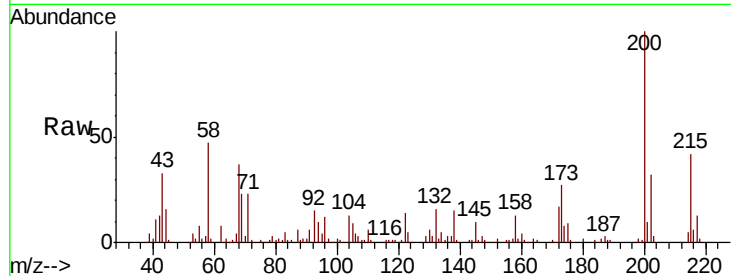
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	6.9	46.9
215	42.3	23.8	63.8

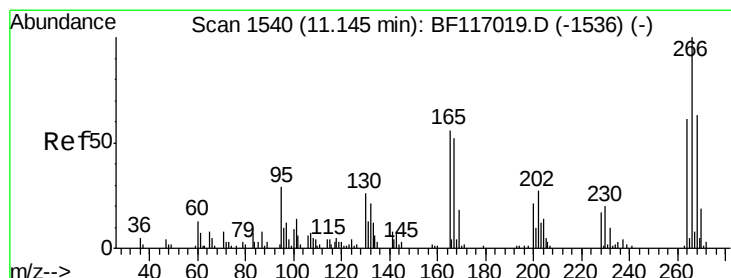
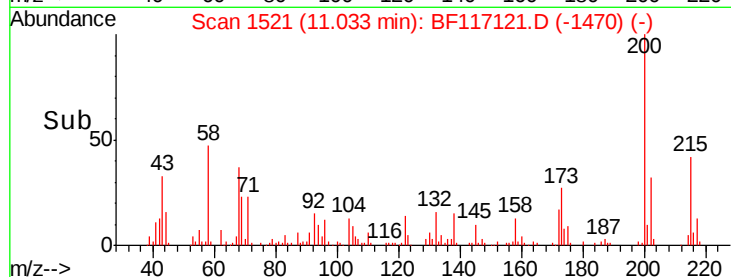
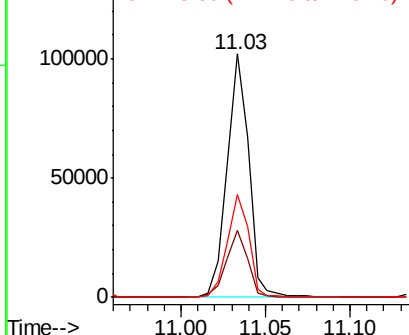
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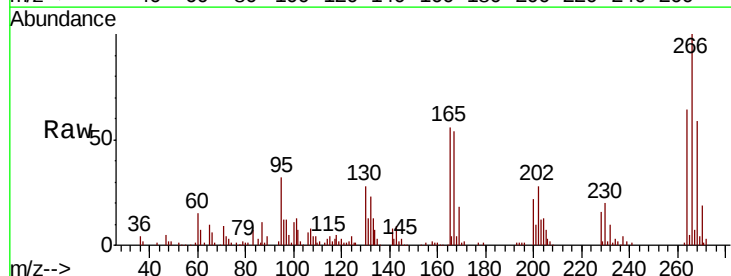


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

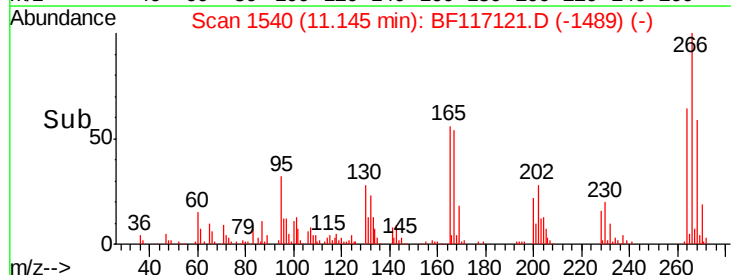
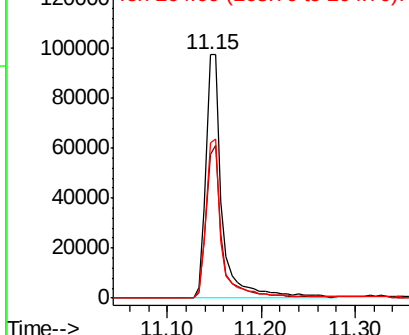


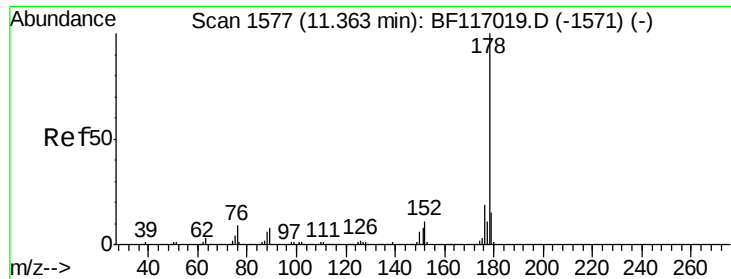
#70
 Pentachlorophenol
 Concen: 109.823 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	59.3	50.5	75.7
264	63.8	48.8	73.2



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





#71
Phenanthrene
Concen: 51.998 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

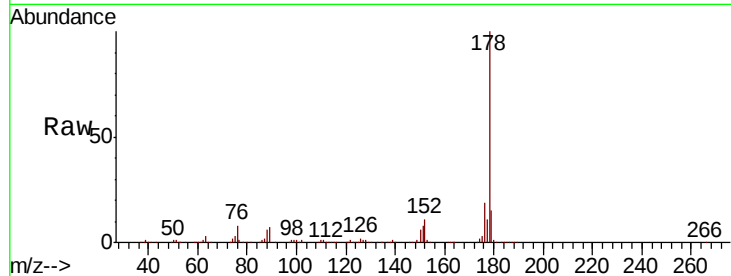
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.0	12.4	18.6

Manual Integrations
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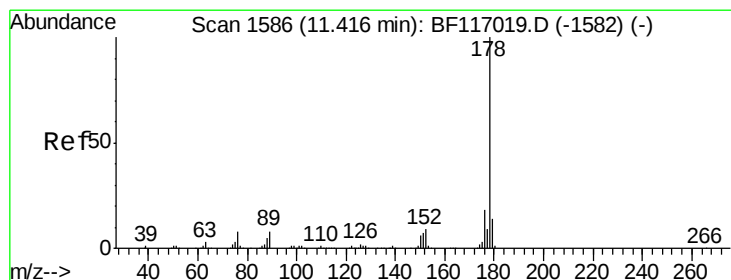
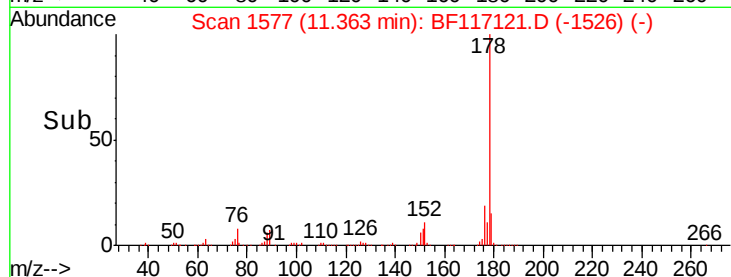
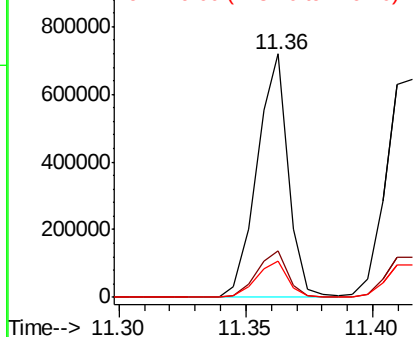


Abundance

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: 53.270 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

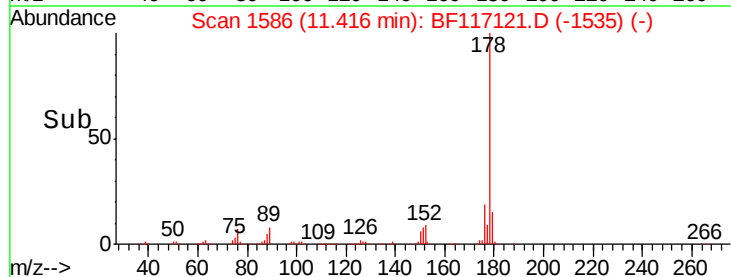
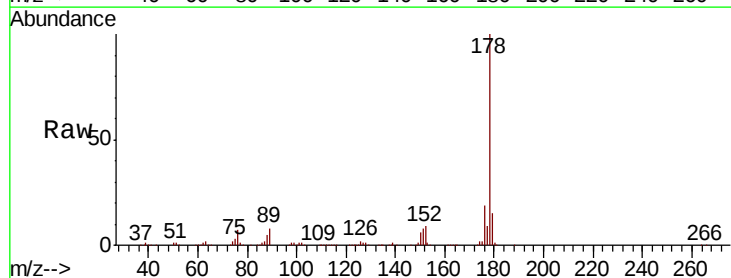
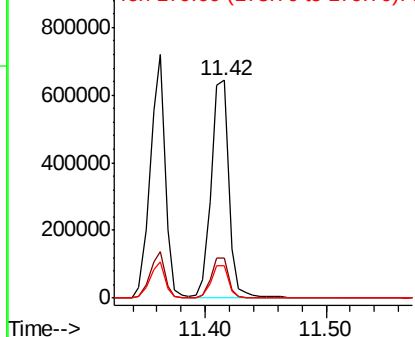
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.0	11.6	17.4

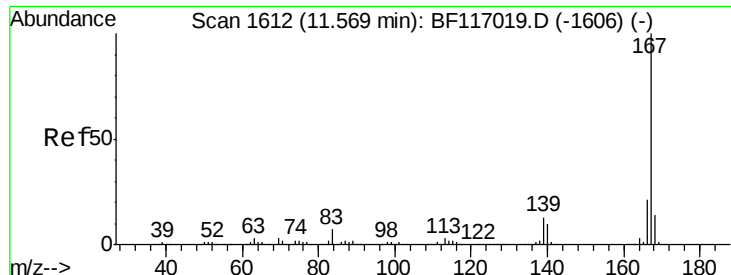
Abundance

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: 52.515 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

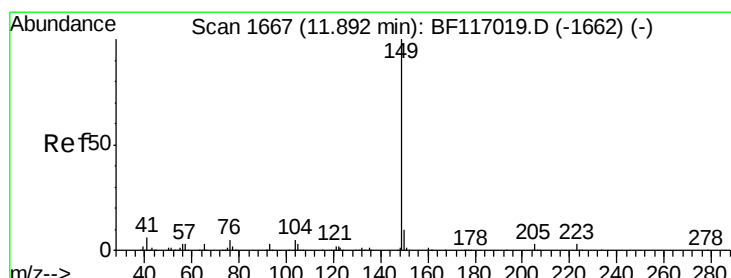
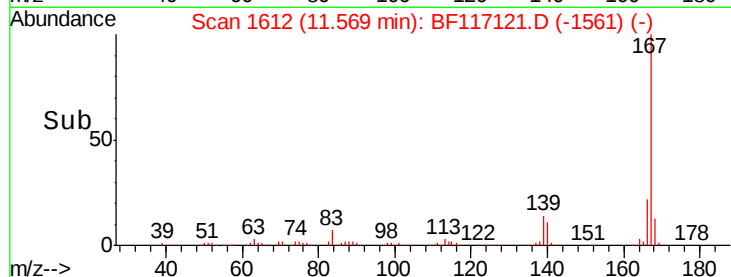
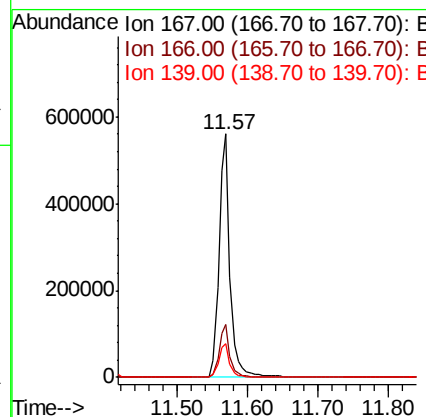
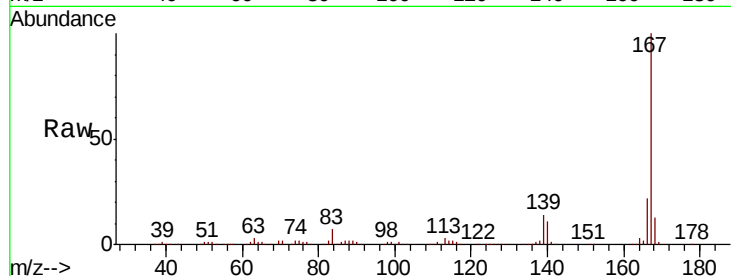
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	13.6	10.6	16.0

Manual Integrations
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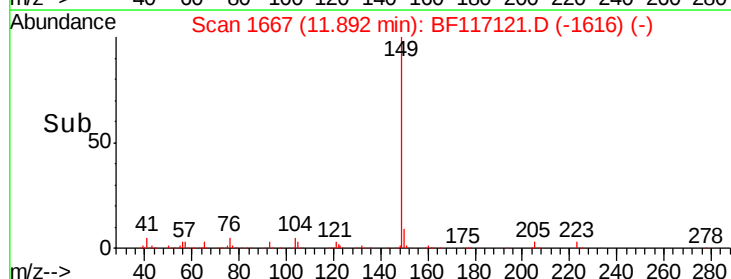
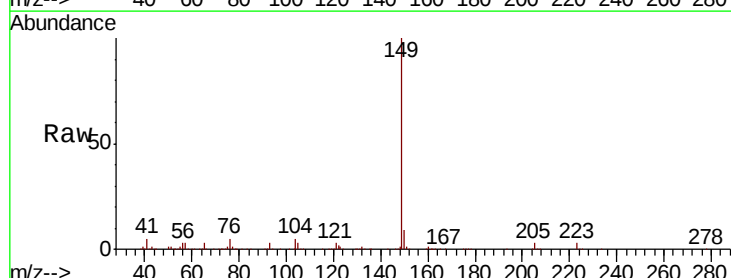
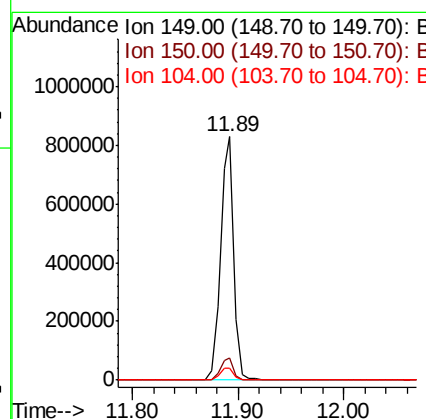
mohammad

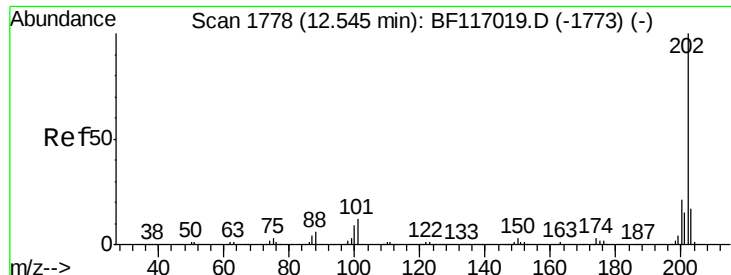
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#74
 Di-n-butylphthalate
 Concen: 53.609 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.7	11.5
104	4.9	4.2	6.4





#75
Fluoranthene
 Concen: 52.203 ng
 RT: 12.55 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

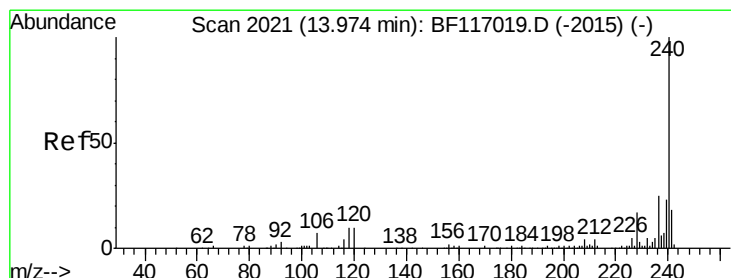
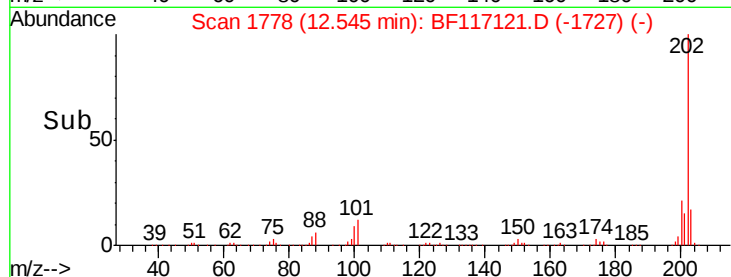
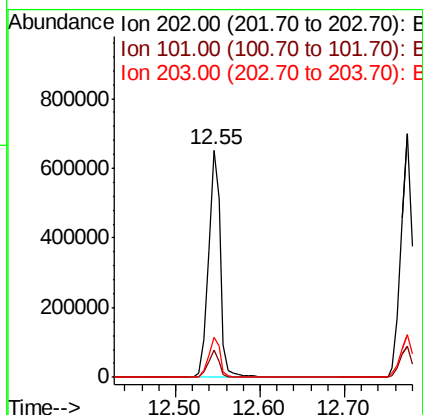
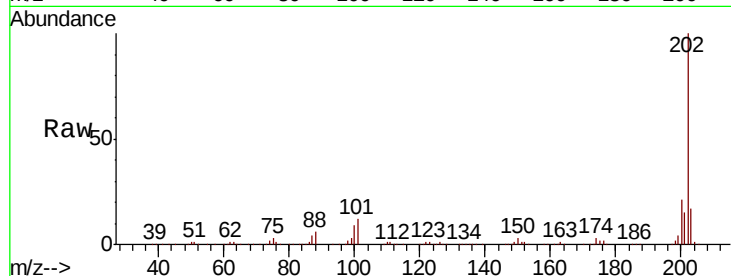
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.1	0.0	32.3
203	17.5	0.0	37.1

Manual Integrations
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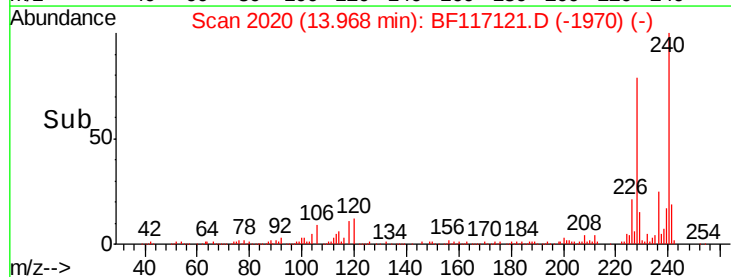
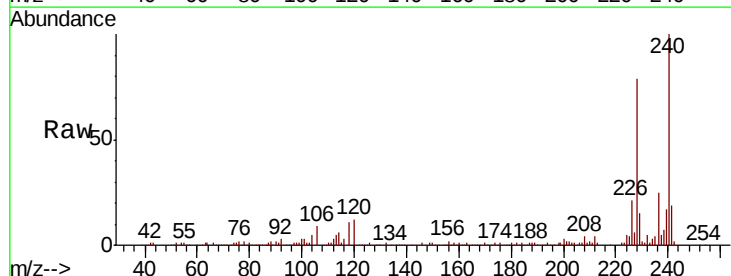
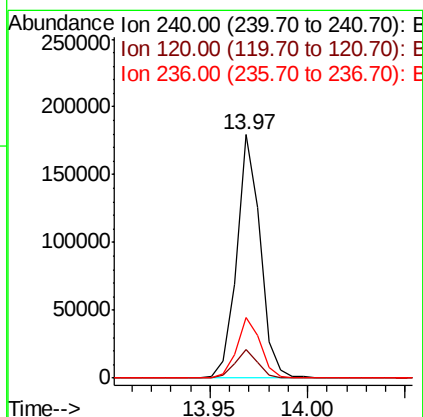
mohammad

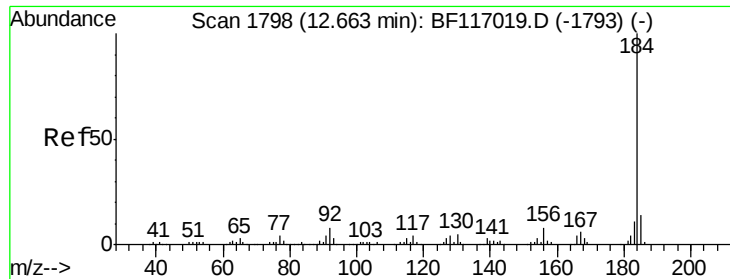
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#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.6	8.3	12.5
236	25.0	20.3	30.5





#77
Benzidine
Concen: 1.432 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

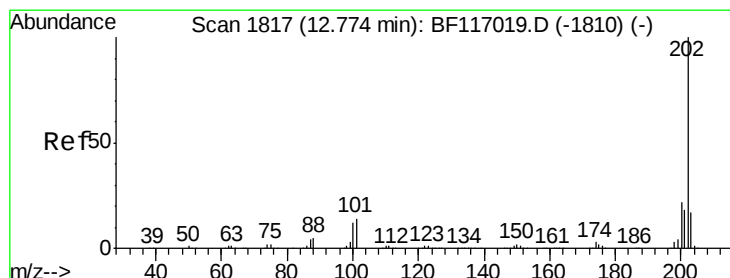
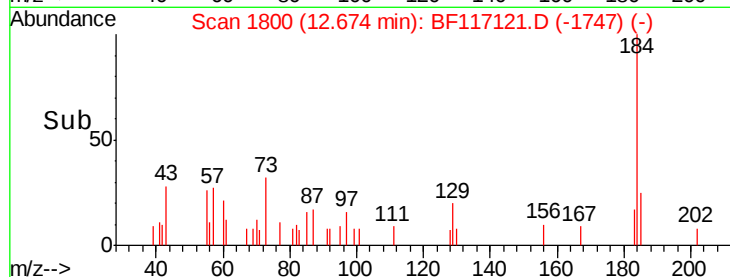
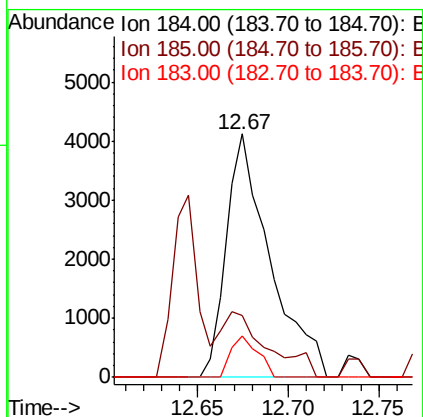
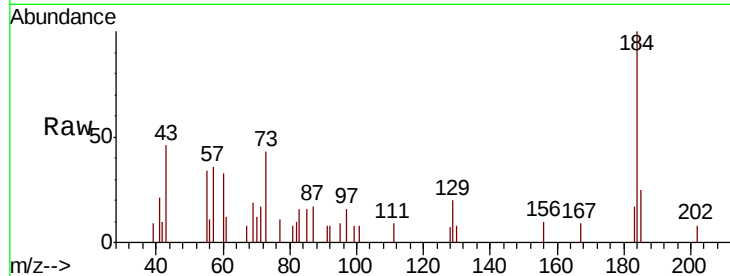
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	25.4	11.6	17.4#
183	17.0	9.0	13.4#

Manual Integrations
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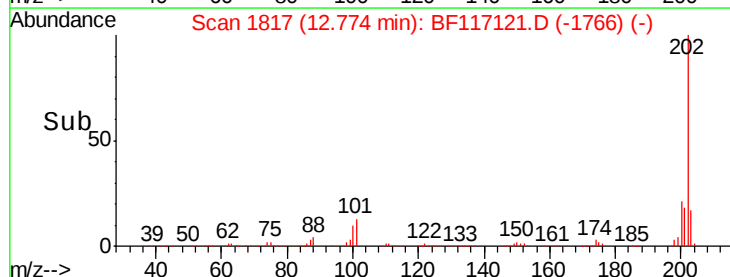
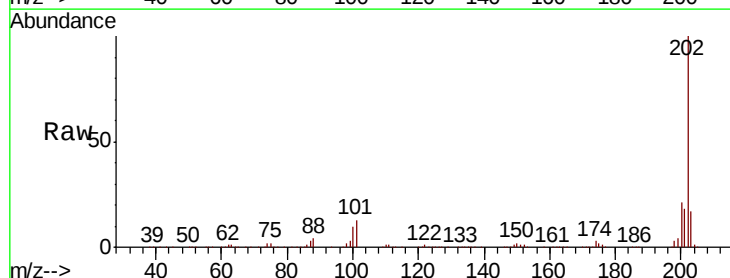
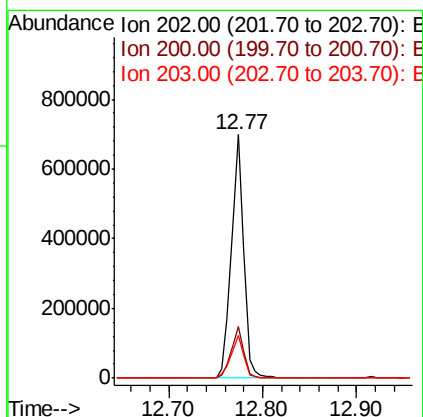
mohammad

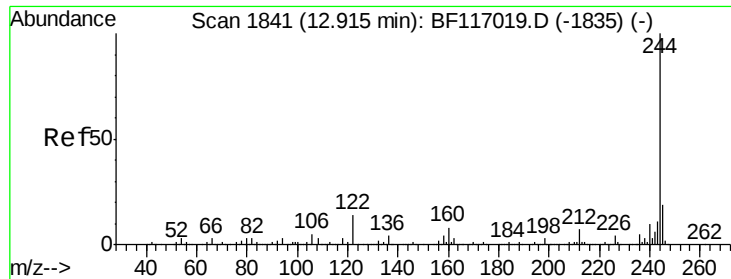
9/19/2019 4:45:21 PM



#78
Pyrene
Concen: 51.721 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.2	25.8
203	17.3	14.0	21.0





#79
 Terphenyl-d14
 Concen: 103.918 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

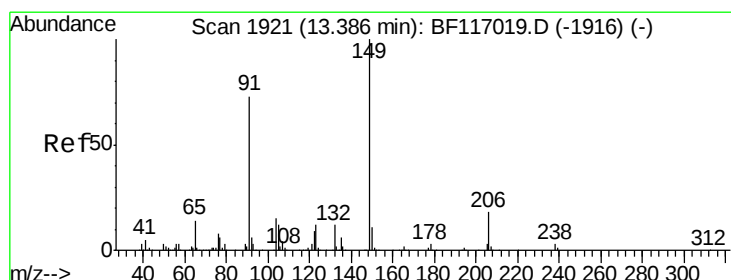
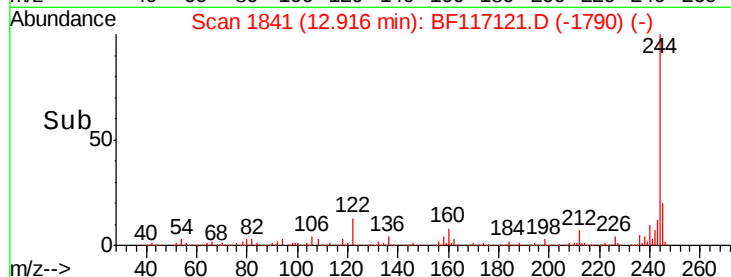
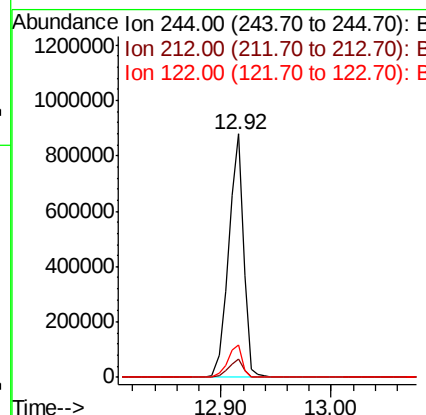
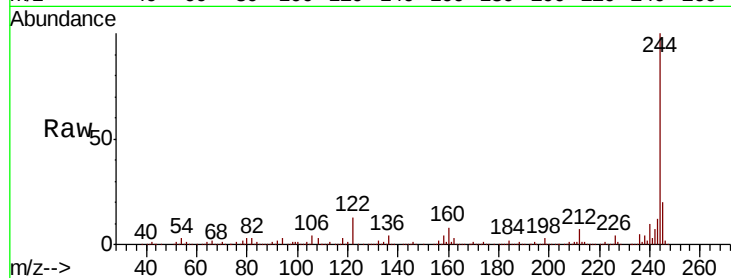
Instrument :
 BNA_F
 ClientSampleId :
 HD-02-091319MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	13.2	11.3	16.9

Manual Integrations
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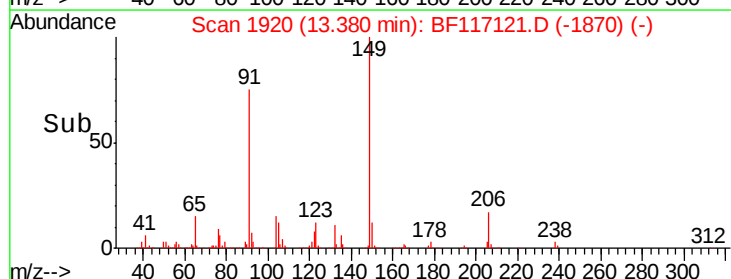
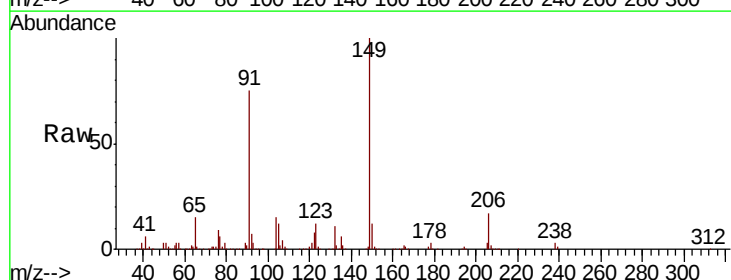
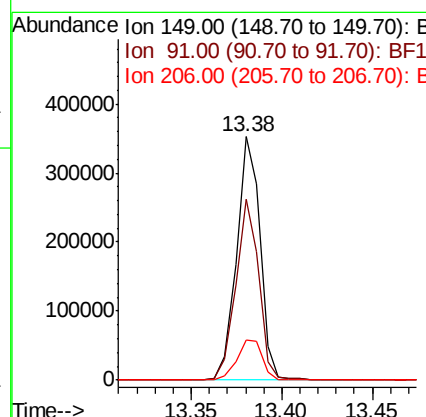
mohammad

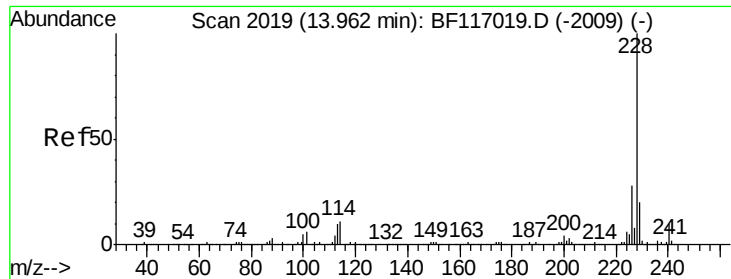
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#80
 Butylbenzylphthalate
 Concen: 53.359 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117121.D
 Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.5	58.8	88.2
206	16.6	14.1	21.1





#81
Benzo(a)anthracene
Concen: 49.723 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

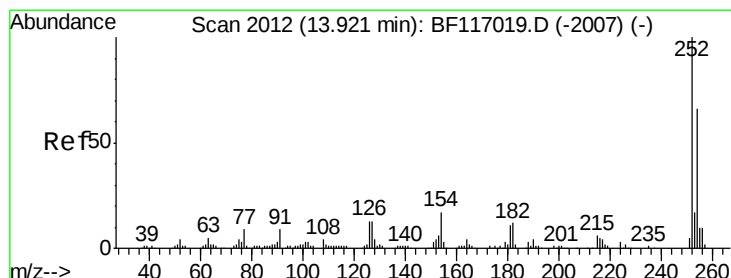
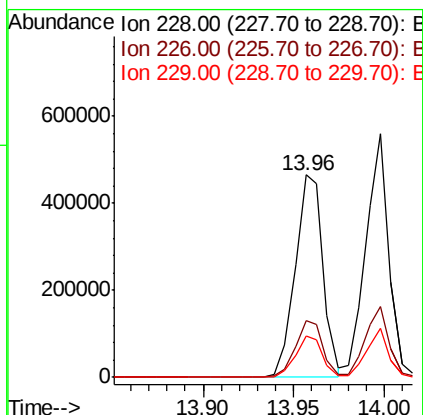
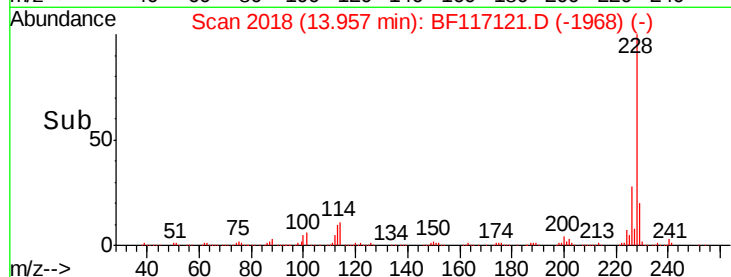
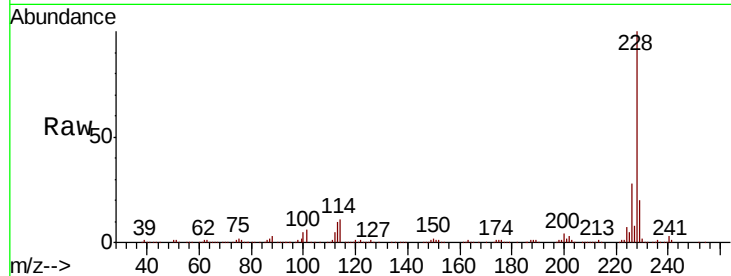
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.3	33.5
229	20.2	15.9	23.9

Manual Integrations
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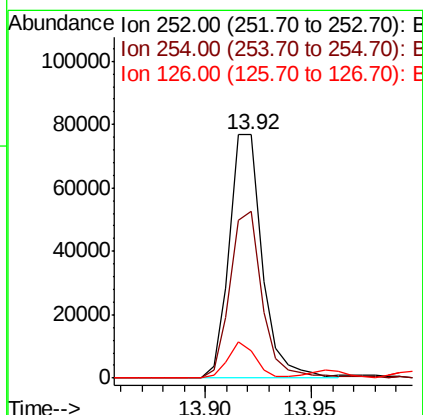
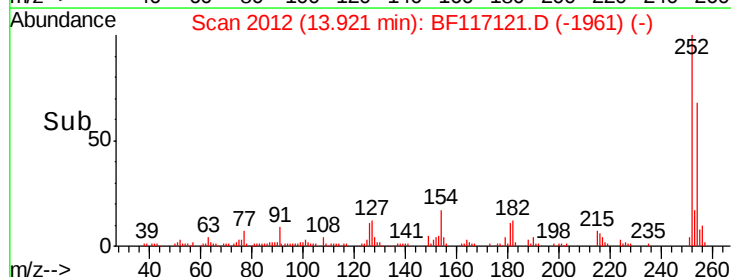
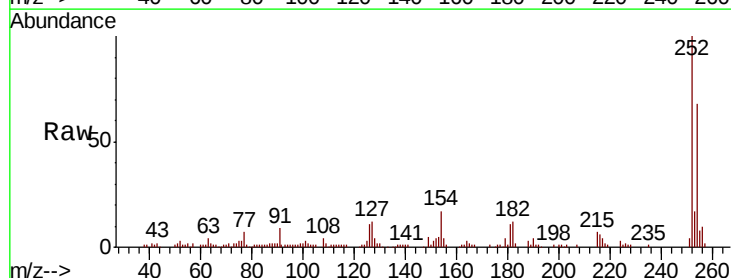
mohammad

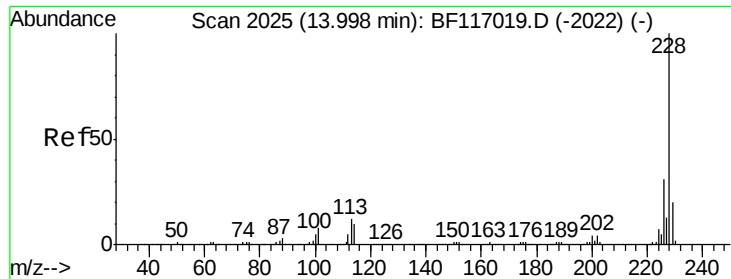
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#82
3,3'-Dichlorobenzidine
Concen: 25.761 ng
RT: 13.92 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	68.4	52.6	79.0
126	11.3	10.4	15.6





#83
Chrysene
Concen: 51.683 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

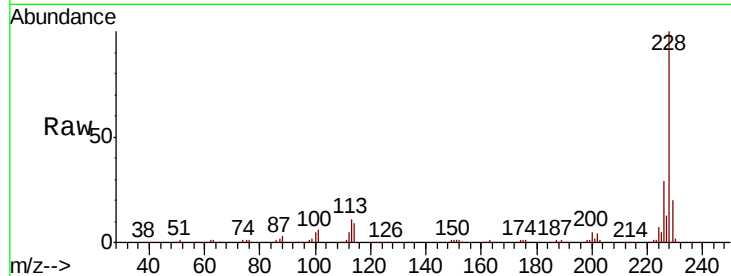
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.8	37.2
229	19.9	15.8	23.8

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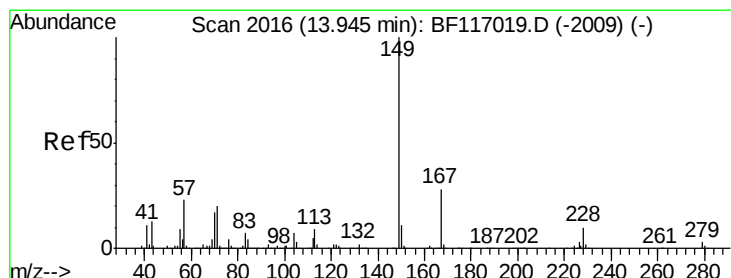
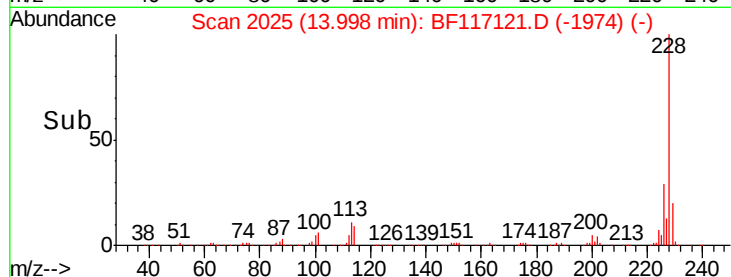
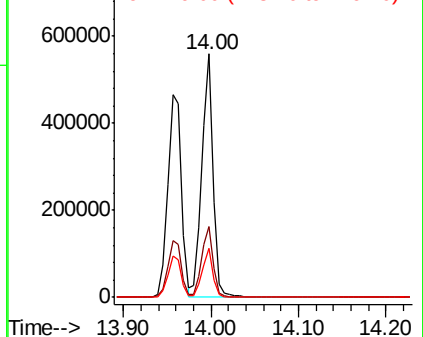


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 56.037 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

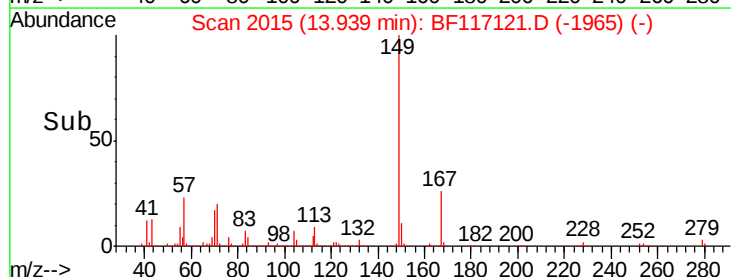
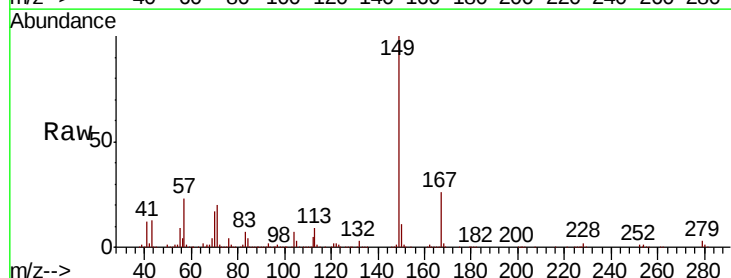
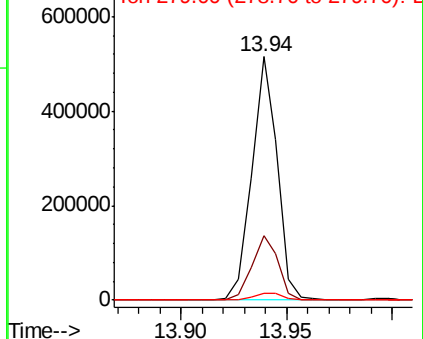
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	22.2	33.2
279	3.1	2.8	4.2

Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85
Di-n-octyl phthalate
Concen: 58.479 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

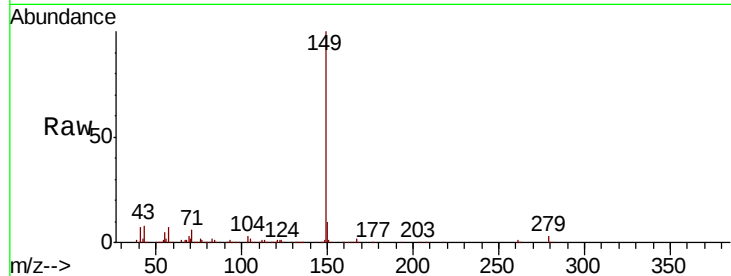
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion:	149	Resp:	706195
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	7.4	6.2	9.4

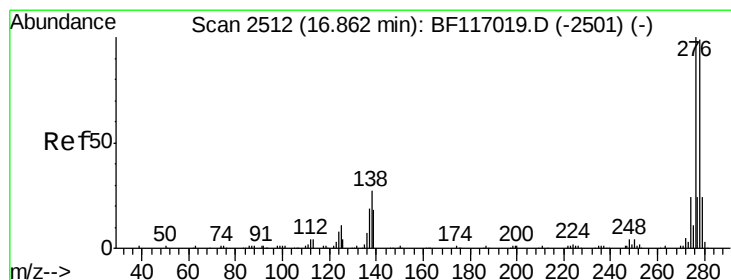
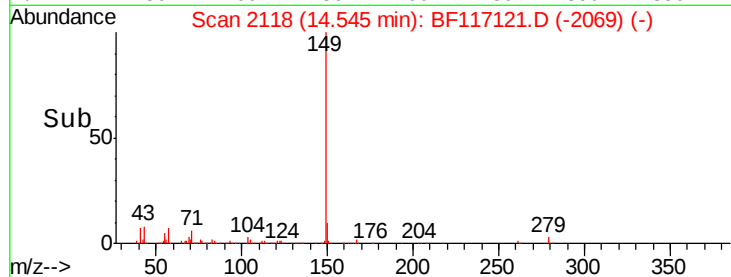
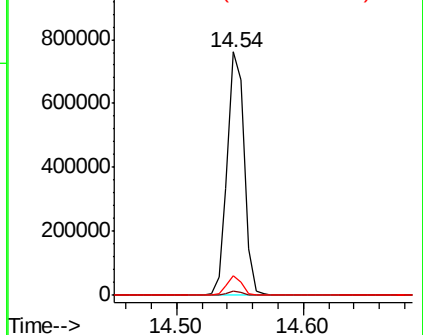
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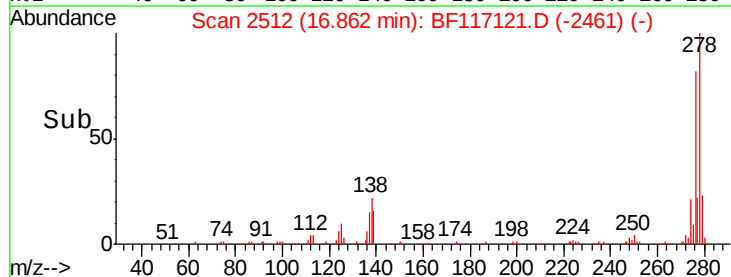
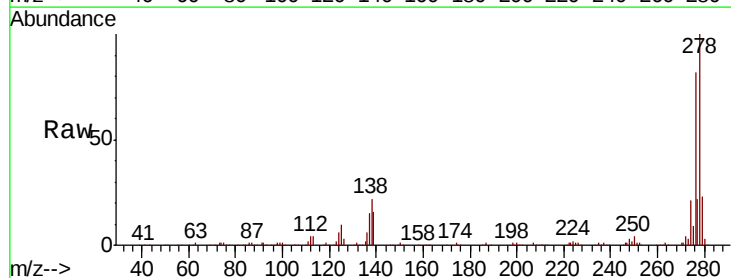
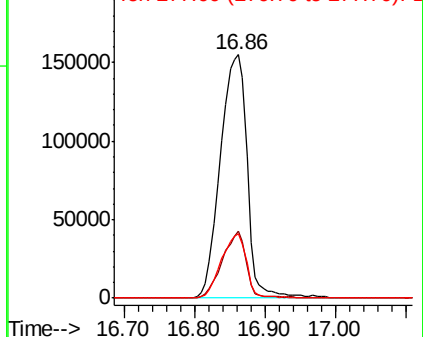
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

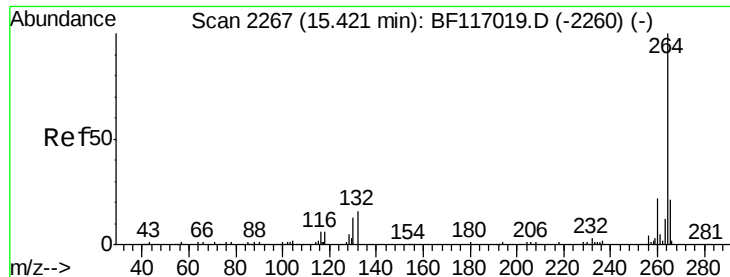


#86
Indeno(1,2,3-cd)pyrene
Concen: 57.405 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion:	276	Resp:	409602
Ion Ratio	Lower	Upper	
276	100		
138	24.6	20.7	31.1
277	25.0	19.8	29.8

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





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

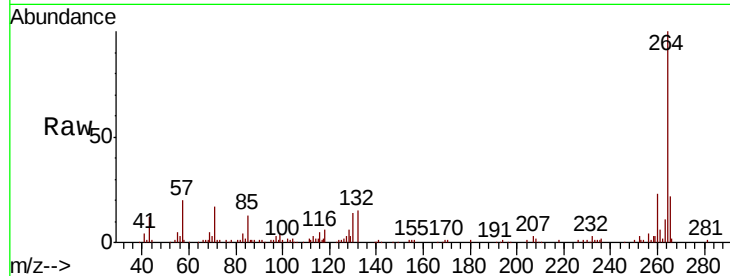
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.6	26.4
265	22.0	16.6	24.8

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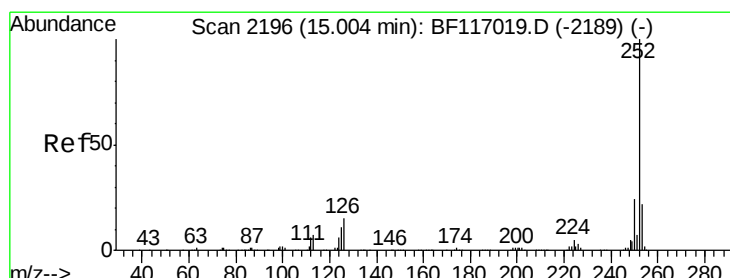
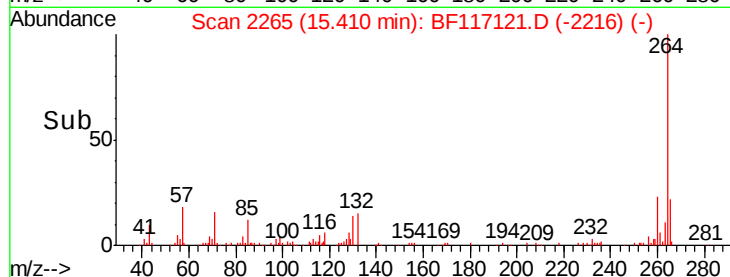
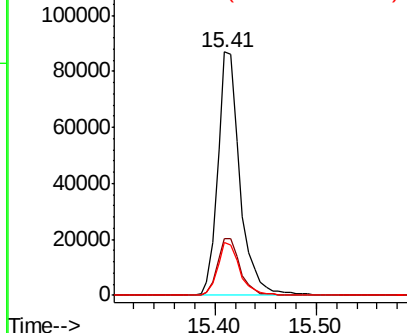


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 51.935 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

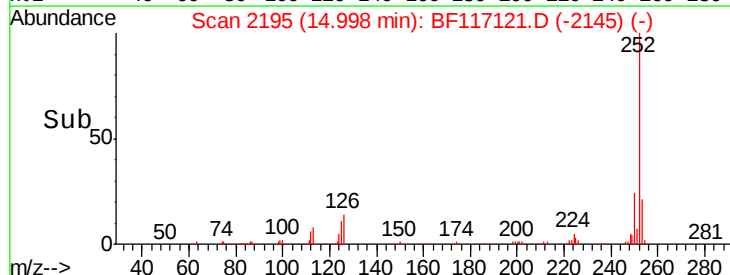
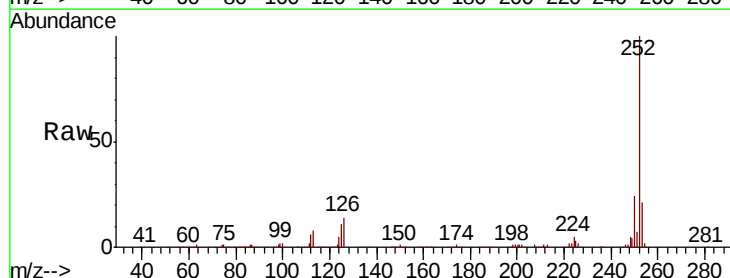
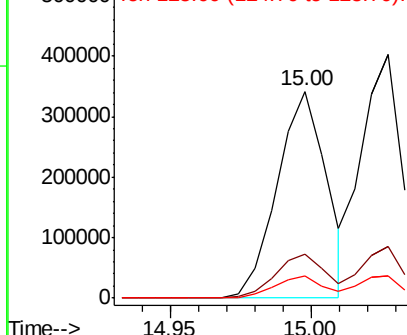
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	10.8	8.6	12.8

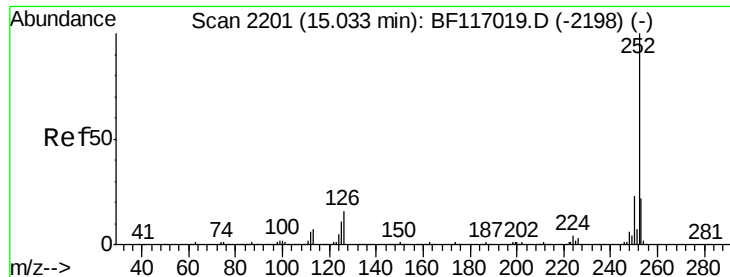
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89
Benzo(k)fluoranthene
Concen: 54.304 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

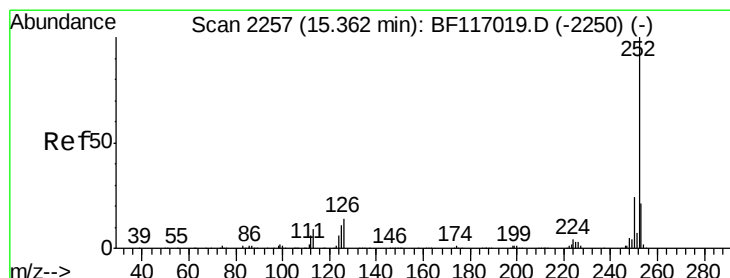
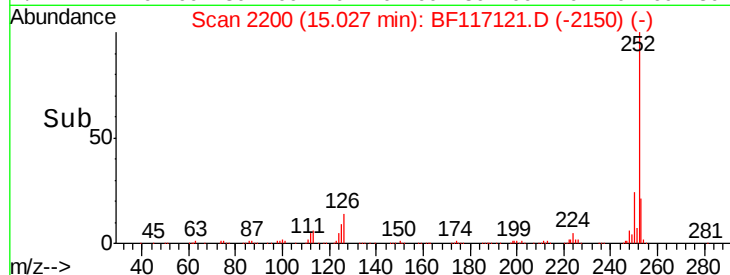
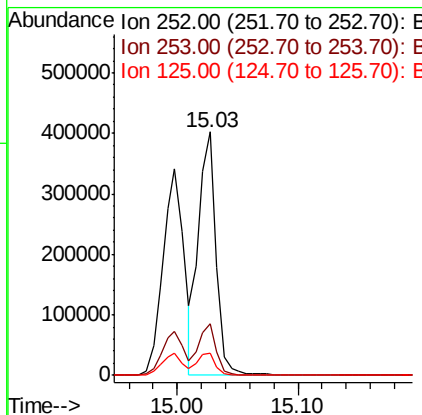
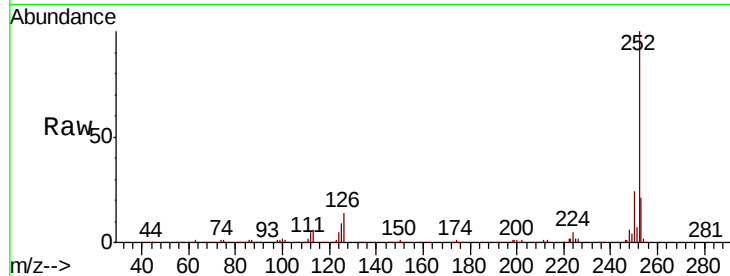
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.2
125	9.3	8.8	13.2

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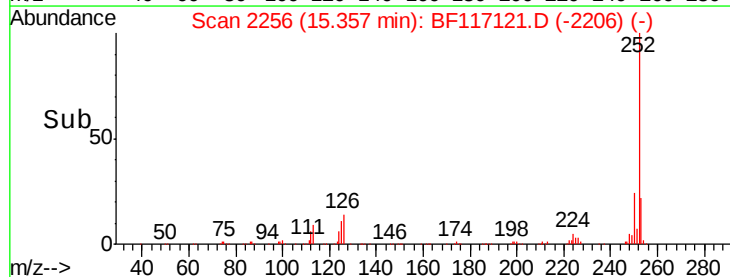
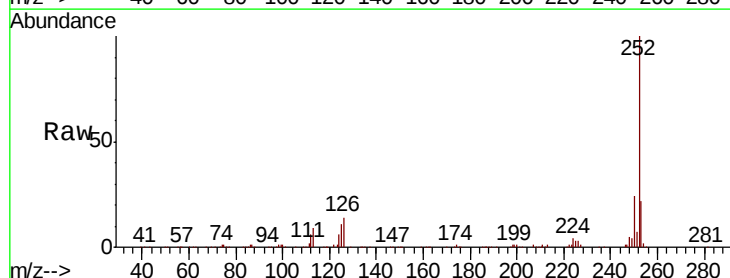
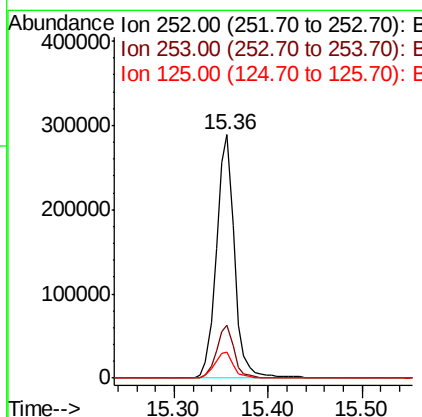
mohammad

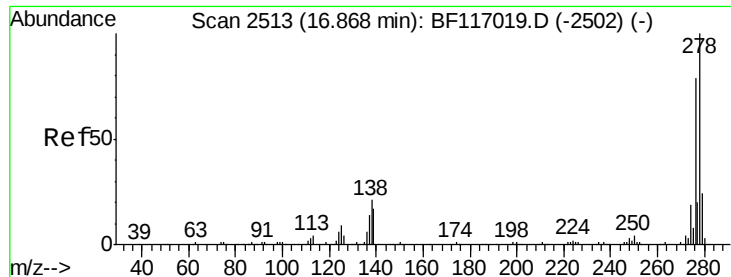
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#90
Benzo(a)pyrene
Concen: 55.466 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.6	25.0
125	10.8	8.9	13.3





#91
Dibenzo(a,h)anthracene
Concen: 61.860 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

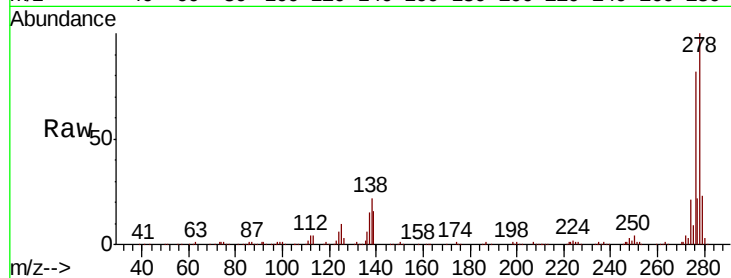
Instrument :
BNA_F
ClientSampleId :
HD-02-091319MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.5	20.3
279	23.4	18.8	28.2

Manual Integrations
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mohammad

9/19/2019 4:45:21 PM

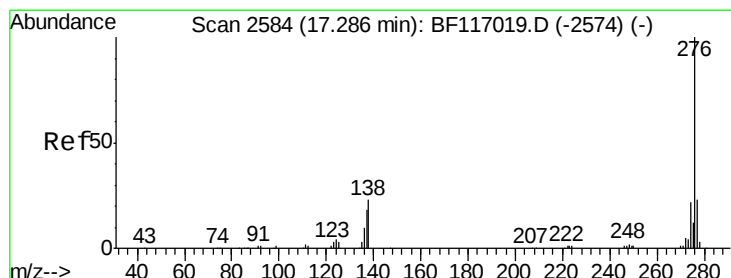
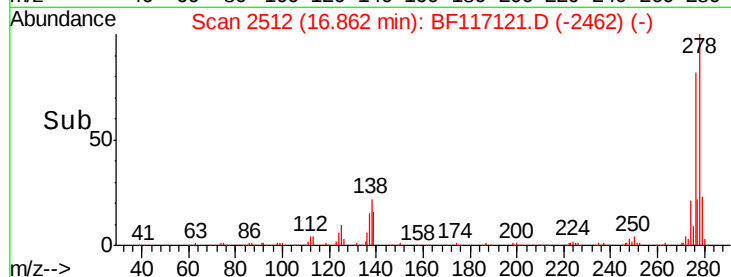
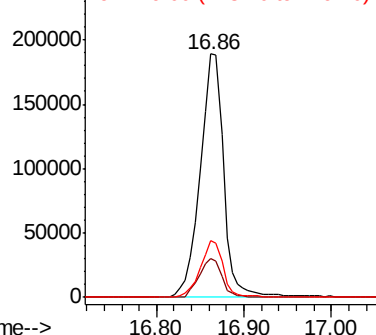


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 61.604 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF117121.D
Acq: 17 Sep 2019 21:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	27.8
138	20.4	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

