

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090220\
 Data File : BF121517.D
 Acq On : 2 Sep 2020 16:48
 Operator : JU/CG
 Sample : PB131374BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131374BS

Manual Integrations
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mohammad
 9/3/2020 1:48:03 PM

Quant Time: Sep 02 18:08:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 17:52:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	310267	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1251094	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	672106	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1303984	20.00	ng	0.00
76) Chrysene-d12	14.01	240	1083456	20.00	ng	0.00
86) Perylene-d12	15.47	264	1149444	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1799341	97.30	ng	0.01
7) Phenol-d6	6.47	99	2370433	91.72	ng	0.00
23) Nitrobenzene-d5	7.41	82	1526541	83.42	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	810699	119.42	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	2890319	69.39	ng	0.00
79) Terphenyl-d14	12.96	244	3122118	60.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	288041	32.660	ng	99
3) Pyridine	3.46	79	824434	34.328	ng	99
4) n-Nitrosodimethylamine	3.41	42	376202	35.437	ng	97
6) Aniline	6.50	93	943638	30.774	ng	100
8) 2-Chlorophenol	6.63	128	831187	44.285	ng	99
9) Benzaldehyde	6.39	77	559499	47.180	ng	95
10) Phenol	6.49	94	1056596	41.794	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	800437	38.969	ng	100
12) 1,3-Dichlorobenzene	6.79	146	849568	37.594	ng	98
13) 1,4-Dichlorobenzene	6.86	146	859951	37.970	ng	99
14) 1,2-Dichlorobenzene	7.02	146	834998	39.595	ng	99
15) Benzyl Alcohol	6.99	79	696001	41.032	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1113653	36.598	ng	100
17) 2-Methylphenol	7.10	107	663619	40.637	ng	100
18) Hexachloroethane	7.36	117	319065	41.165	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	566606	39.232	ng	98
20) 3+4-Methylphenols	7.25	107	812155	41.097	ng	91
22) Acetophenone	7.26	105	1064218	34.512	ng	95
24) Nitrobenzene	7.43	77	839026	45.739	ng	99
25) Isophorone	7.67	82	1586174	38.536	ng	98
26) 2-Nitrophenol	7.75	139	412431	51.945	ng	96
27) 2,4-Dimethylphenol	7.78	122	779300	45.649	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	1030409	36.814	ng	98
29) 2,4-Dichlorophenol	7.99	162	705936	41.880	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	743645	36.014	ng	99
31) Naphthalene	8.15	128	2322717	37.396	ng	100
32) Benzoic acid	7.91	122	532090	49.241	ng	98
33) 4-Chloroaniline	8.20	127	629911	22.770	ng	99
34) Hexachlorobutadiene	8.27	225	433850	35.331	ng	99
35) Caprolactam	8.57	113	222327m	40.440	ng	
36) 4-Chloro-3-methylphenol	8.68	107	726258	40.865	ng	98
37) 2-Methylnaphthalene	8.85	142	1604743	38.996	ng	99
38) 1-Methylnaphthalene	8.94	142	1501945	38.652	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	723021	36.290	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	919999	109.808	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	530476	42.126	ng	100
44) 2,4,5-Trichlorophenol	9.16	196	542868	43.596	ng	98
46) 1,1'-Biphenyl	9.30	154	1922236	37.901	ng	98
47) 2-Chloronaphthalene	9.33	162	1473189	35.339	ng	97
48) 2-Nitroaniline	9.43	65	452208	39.943	ng	93
49) Acenaphthylene	9.75	152	2361012	37.759	ng	100
50) Dimethylphthalate	9.61	163	1764214	38.213	ng	100
51) 2,6-Dinitrotoluene	9.67	165	391653	45.630	ng	92
52) Acenaphthene	9.92	154	1631775	41.328	ng	99
53) 3-Nitroaniline	9.83	138	270140	27.173	ng	97
54) 2,4-Dinitrophenol	9.95	184	390405	88.686	ng	94
55) Dibenzofuran	10.09	168	2153159	37.541	ng	99
56) 4-Nitrophenol	10.00	139	725756	81.278	ng	98
57) 2,4-Dinitrotoluene	10.07	165	517658	48.508	ng	98
58) Fluorene	10.43	166	1645852	38.067	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	474895	45.807	ng	100
60) Diethylphthalate	10.31	149	1791234	38.618	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	813778	37.565	ng	99
62) 4-Nitroaniline	10.45	138	417621	38.056	ng	99
63) Azobenzene	10.59	77	1700997	37.084	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	263481	60.025	ng	99
66) n-Nitrosodiphenylamine	10.54	169	1533370	37.180	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	526638	36.712	ng	97
68) Hexachlorobenzene	10.98	284	615660	36.702	ng	99
69) Atrazine	11.07	200	392146	32.786	ng	99
70) Pentachlorophenol	11.17	266	707889	92.371	ng	98
71) Phenanthrene	11.40	178	2404635	35.934	ng	100
72) Anthracene	11.44	178	2471937	37.558	ng	100
73) Carbazole	11.60	167	2347528	36.988	ng	99
74) Di-n-butylphthalate	11.93	149	2742008	38.891	ng	100
75) Fluoranthene	12.58	202	2703379	37.484	ng	97
77) Benzidine	12.70	184	1524180	64.503	ng	99
78) Pyrene	12.81	202	2761373	35.687	ng	99
80) Butylbenzylphthalate	13.43	149	1258185	42.207	ng	100
81) Benzo(a)anthracene	14.00	228	2342555	35.418	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	669816	27.649	ng	97
83) Chrysene	14.04	228	2402703	36.311	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1639794	42.591	ng	100
85) Di-n-octyl phthalate	14.60	149	3002749	46.021	ng	100
87) Indeno(1,2,3-cd)pyrene	16.94	276	2621610	37.069	ng	100
88) Benzo(b)fluoranthene	15.05	252	2694074	36.031	ng	100
89) Benzo(k)fluoranthene	15.08	252	2402509	34.545	ng	99
90) Benzo(a)pyrene	15.42	252	2312779	34.399	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	2149925	37.137	ng	99
92) Benzo(g,h,i)perylene	17.37	276	2126520	38.132	ng	100

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

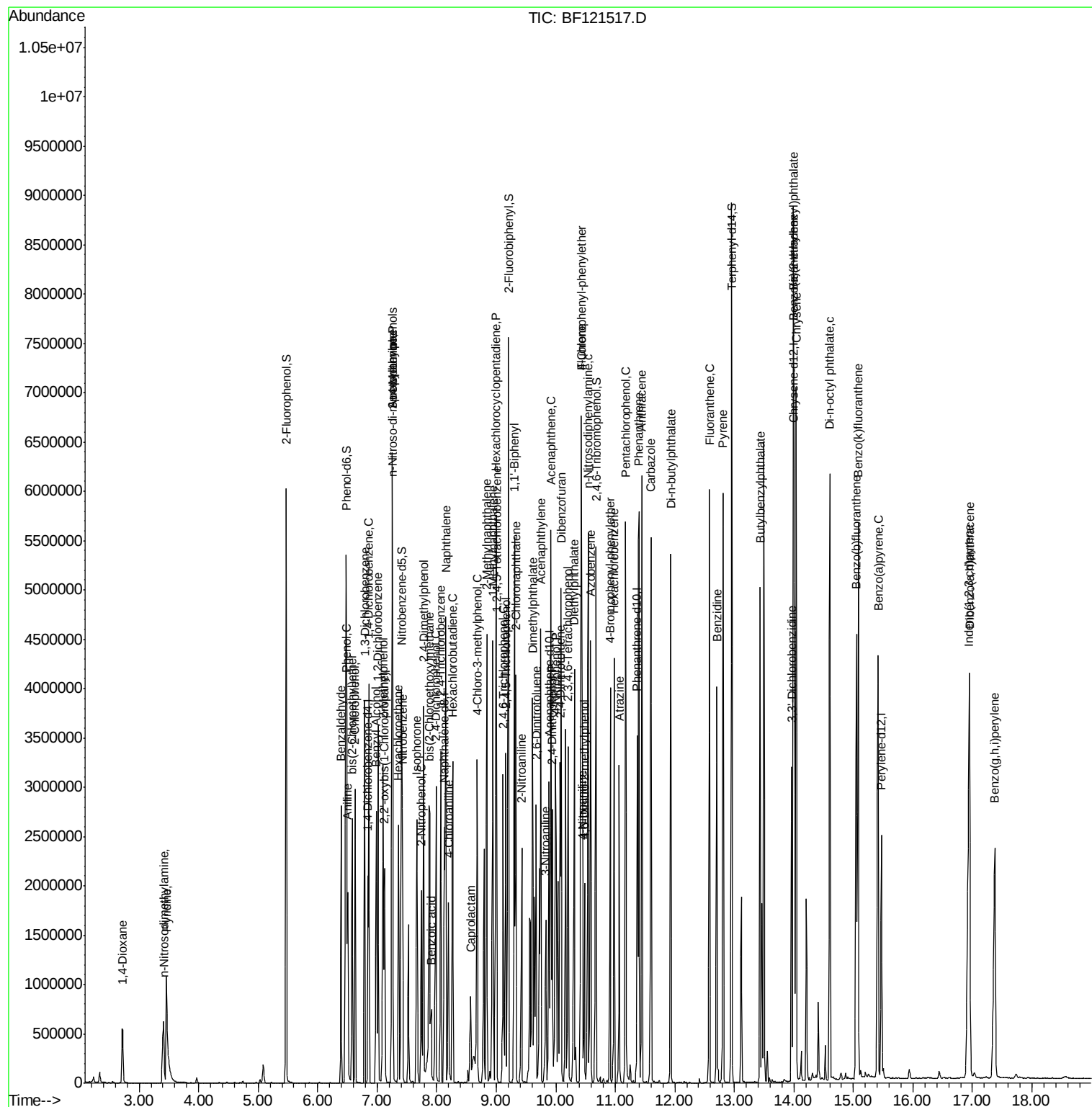
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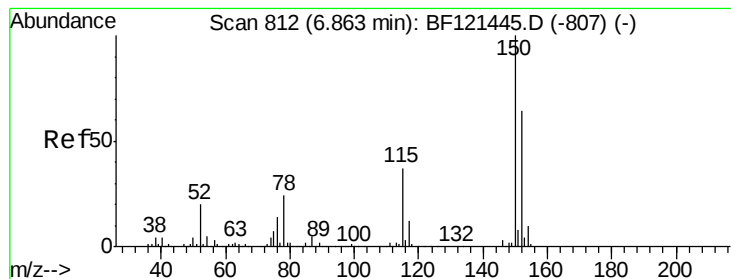
Instrument :
BNA_F
ClientSampleId :
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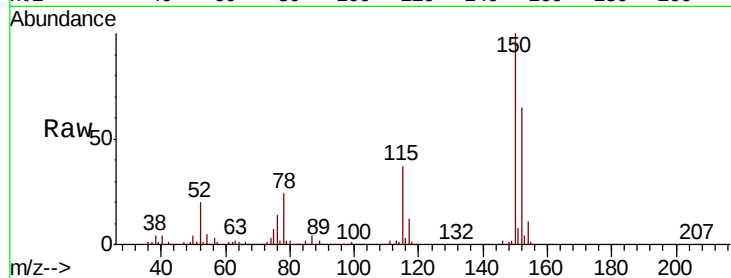
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB131374BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.1	189.1
115	56.4	48.4	72.6

Manual Integrations
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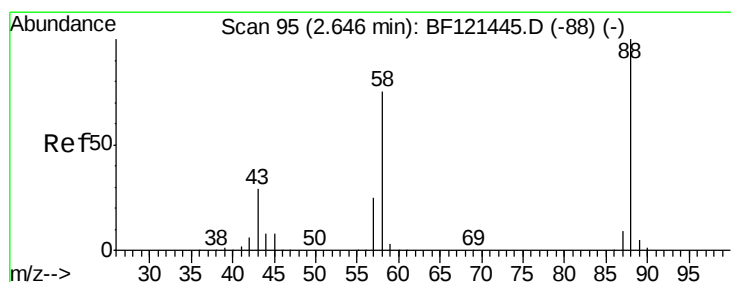
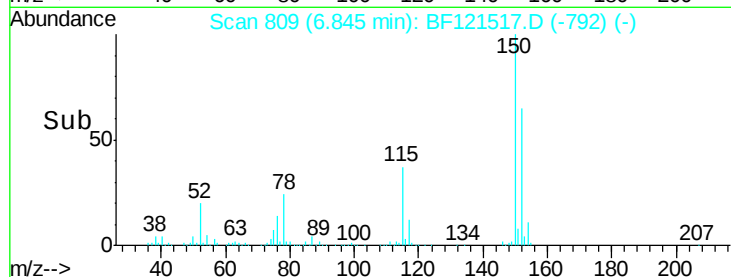
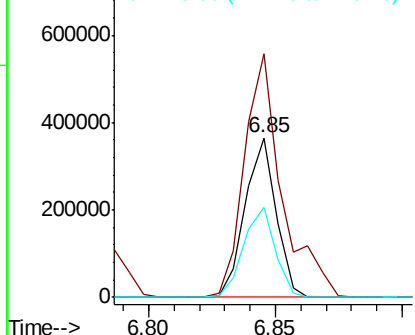


Abundance

Ion 152.00 (151.70 to 152.70): E

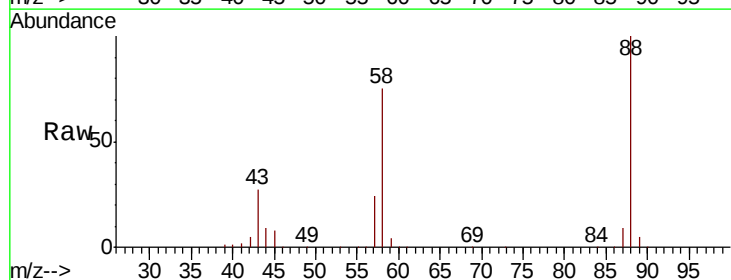
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 32.660 ng
 RT: 2.72 min Scan# 107
 Delta R.T. 0.09 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.9	59.6	89.4
43	26.9	21.9	32.9

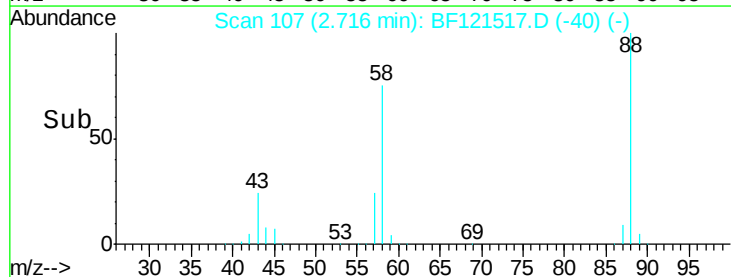
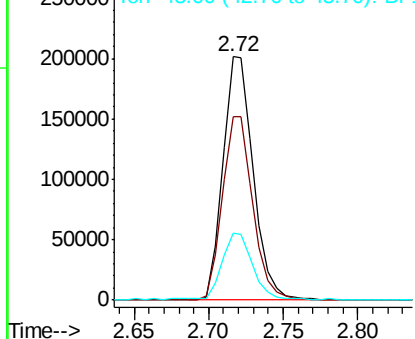


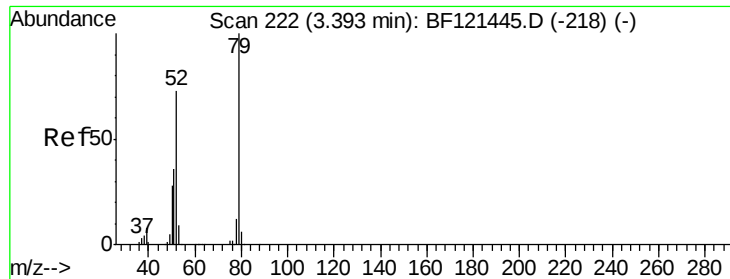
Abundance

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





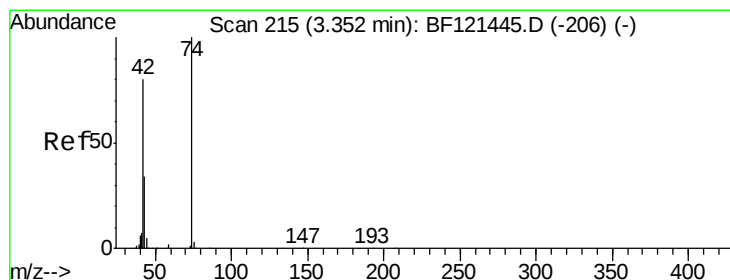
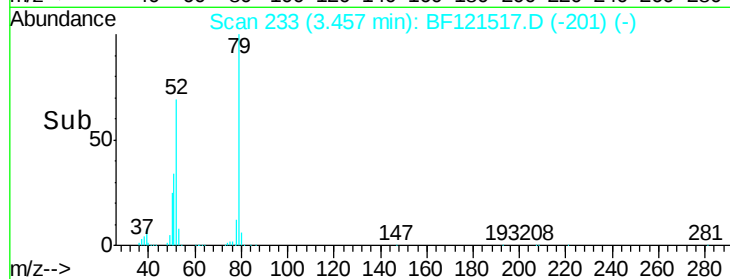
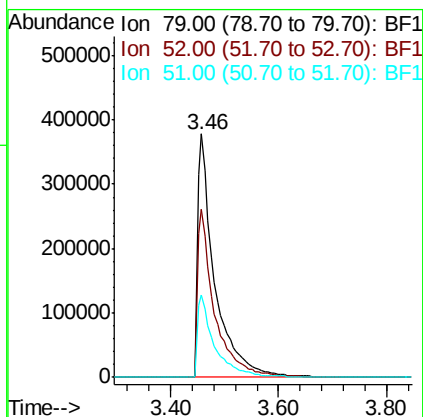
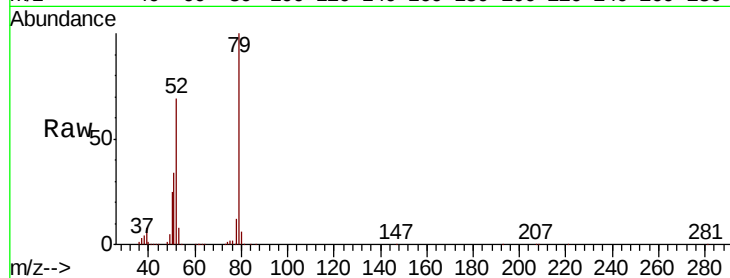
#3
 Pvridine
 Concen: 34.328 ng
 RT: 3.46 min Scan# 233
 Delta R.T. 0.09 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
79	100		
52	69.1	56.5	84.7
51	34.1	27.6	41.4

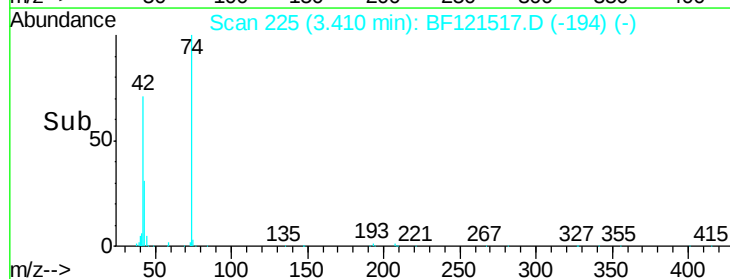
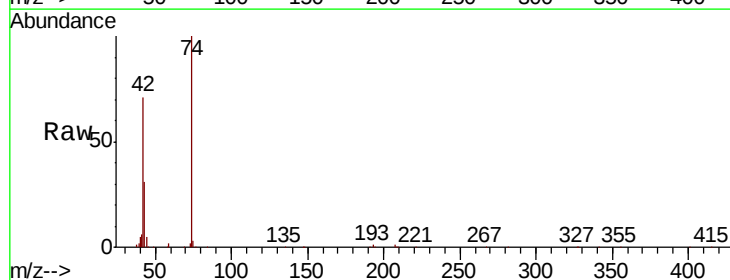
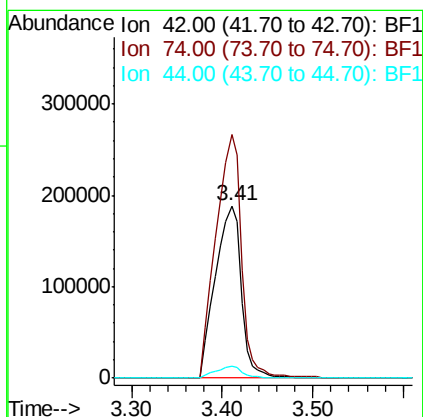
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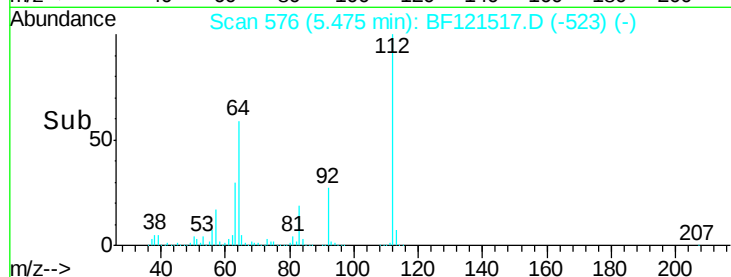
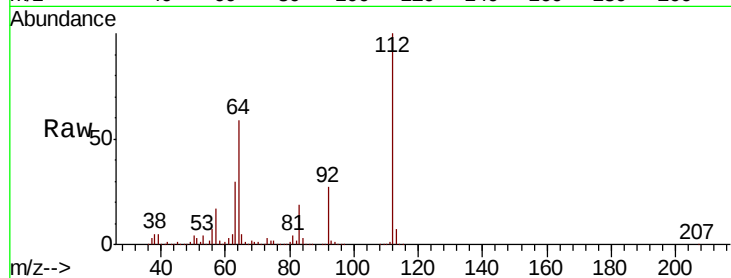
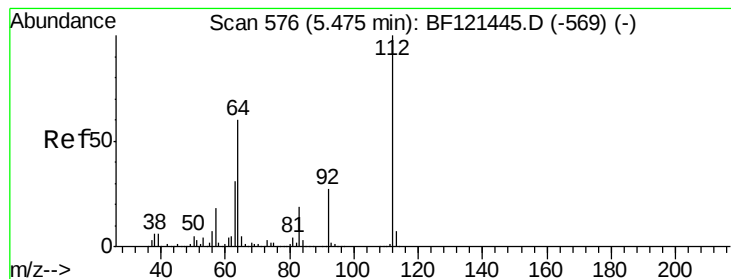
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#4
 n-Nitrosodimethylamine
 Concen: 35.437 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.08 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.2	110.3	165.5
44	7.1	5.4	8.2





#5

2-Fluorophenol

Concen: 97.298 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Tot Ion:	112	Resp:	1799341
Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.0	69.0
63	29.9	23.4	35.2

Instrument :

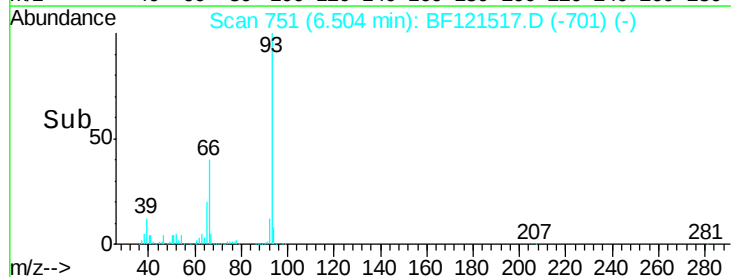
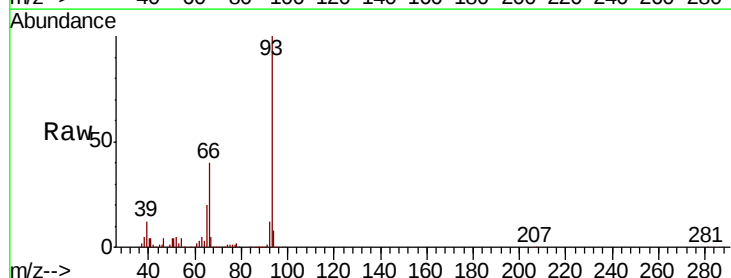
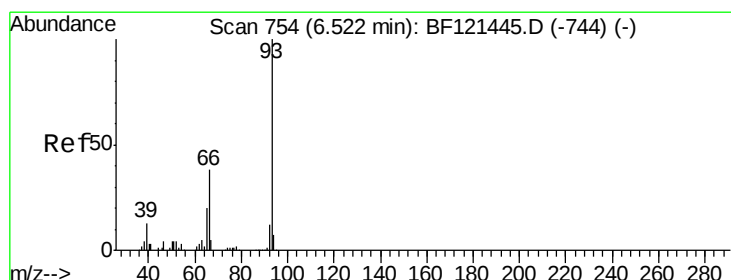
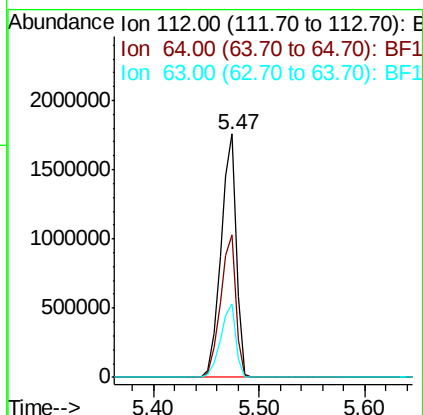
BNA_F

ClientSampleId :

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#6

Aniline

Concen: 30.774 ng

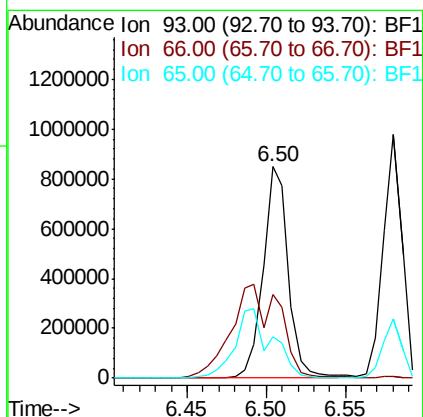
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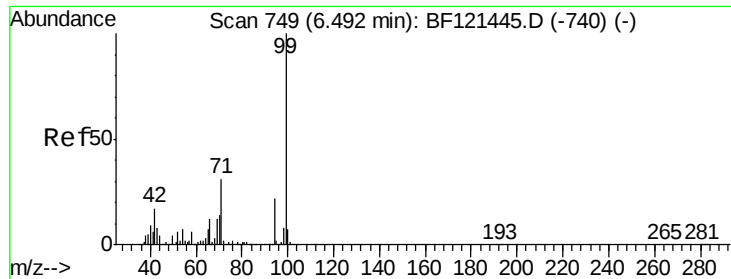
Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Tgt Ion:	93	Resp:	943638
Ion	Ratio	Lower	Upper
93	100		
66	39.5	31.5	47.3
65	19.7	15.8	23.8





#7

Phenol-d6

Concen: 91.722 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

Tot Ion: 99 Resp: 2370433

Ion Ratio Lower Upper

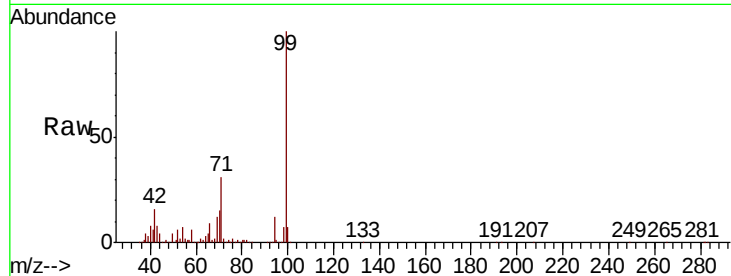
99 100

42 16.4 13.0 19.4

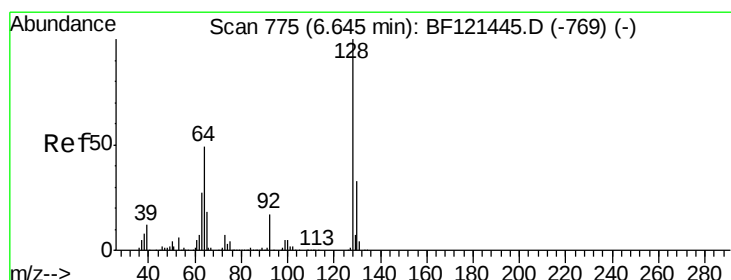
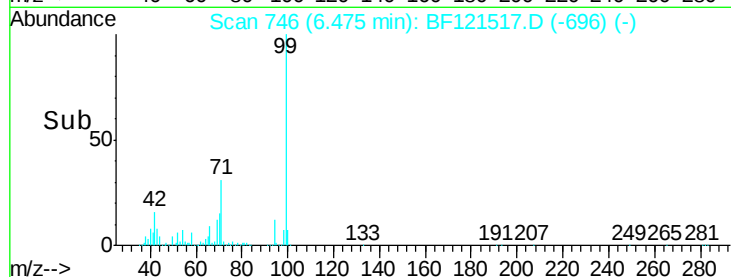
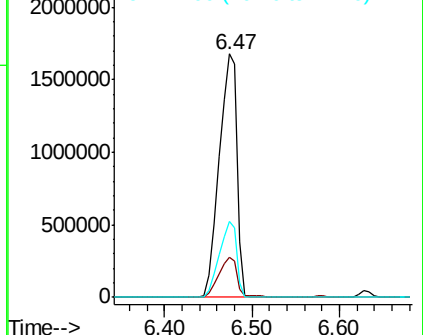
71 31.4 24.8 37.2

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



#8

2-Chlorophenol

Concen: 44.285 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

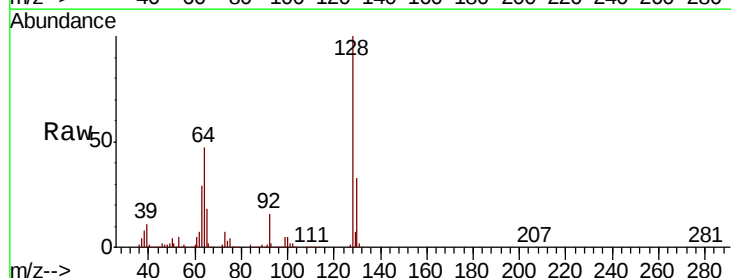
Tgt Ion: 128 Resp: 831187

Ion Ratio Lower Upper

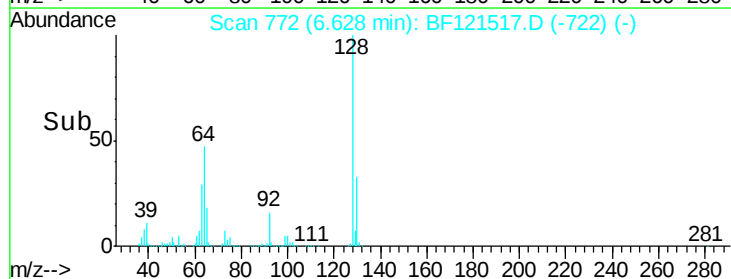
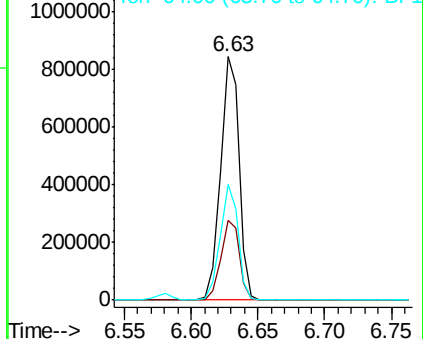
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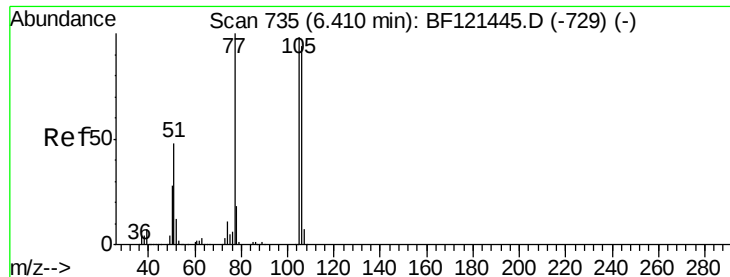
130 33.0 12.9 52.9

64 47.3 26.4 66.4



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: 47.180 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

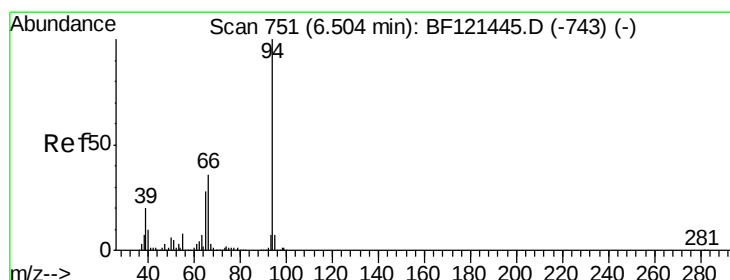
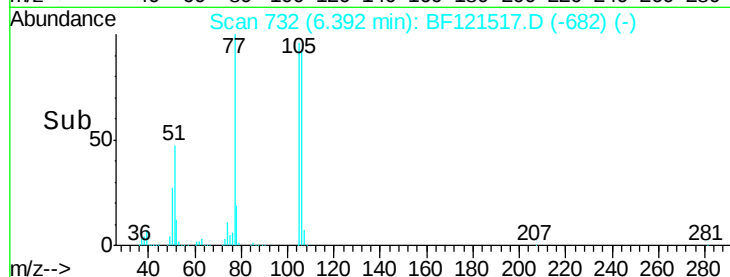
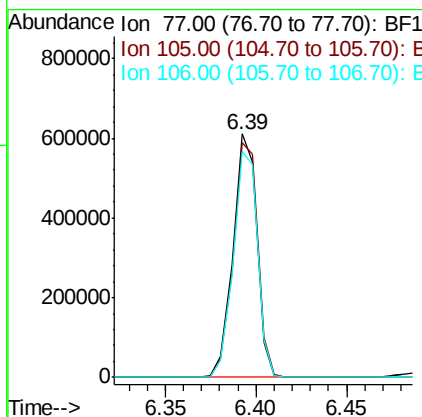
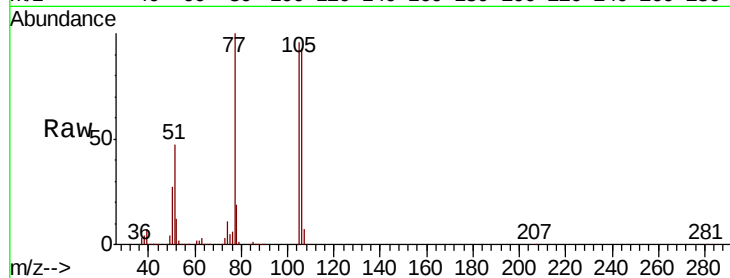
ClientSampleId :

PB131374BS

Tot Ion:	77	Resp:	559499
Ion	Ratio	Lower	Upper
77	100		
105	96.2	82.1	122.1
106	92.8	77.8	117.8

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#10

Phenol

Concen: 41.794 ng

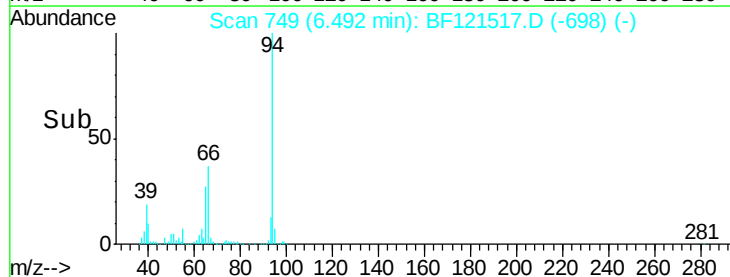
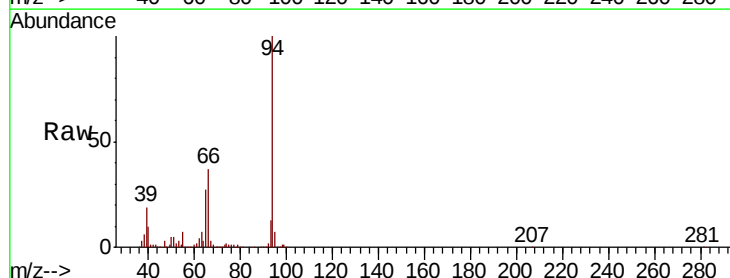
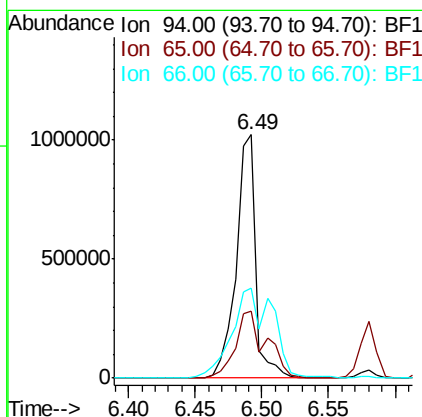
RT: 6.49 min Scan# 749

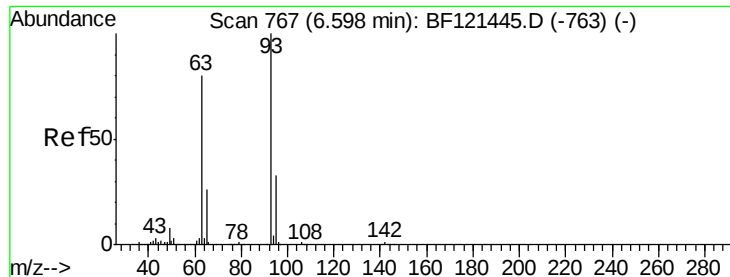
Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Tgt Ion:	94	Resp:	1056596
Ion	Ratio	Lower	Upper
94	100		
65	27.5	8.8	48.8
66	37.0	18.4	58.4





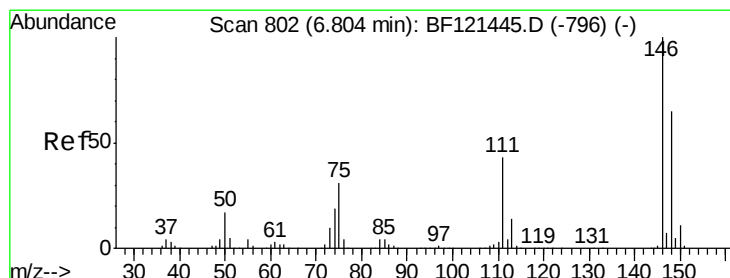
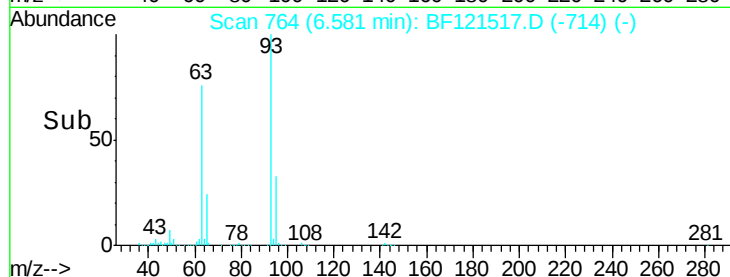
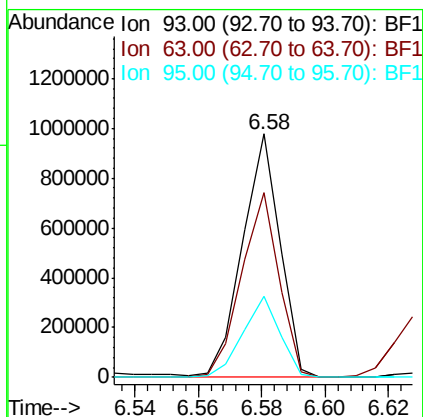
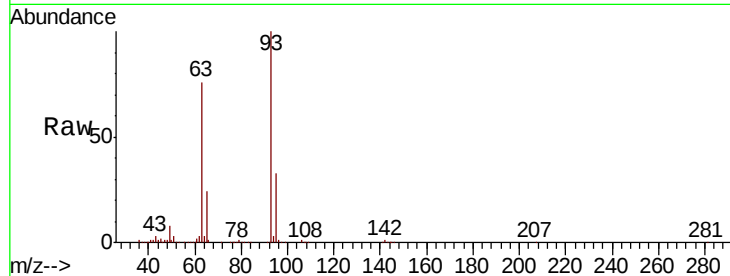
#11
bis(2-Chloroethyl)ether
Concen: 38.969 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Instrument :
BNA_F
ClientSampleId :
PB131374BS

Tot Ion:	93	Resp:	800437
Ion Ratio	Lower	Upper	
93	100		
63	76.1	56.4	96.4
95	33.1	13.3	53.3

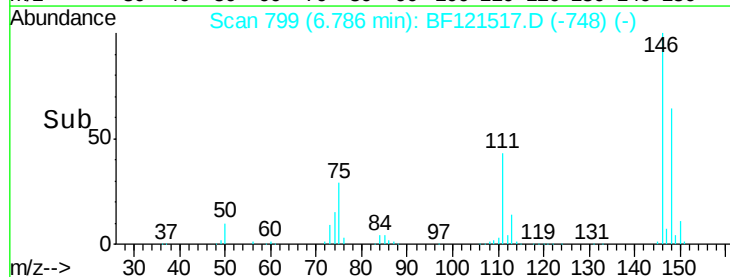
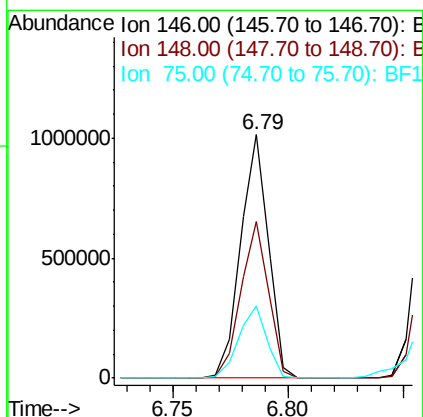
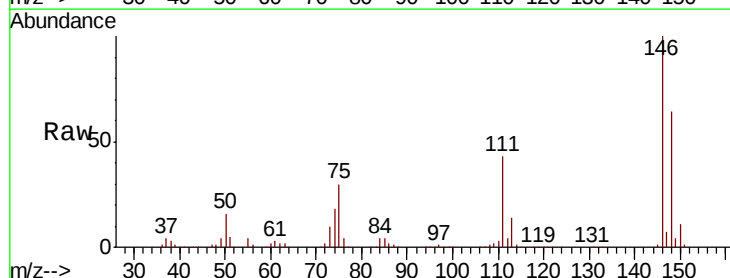
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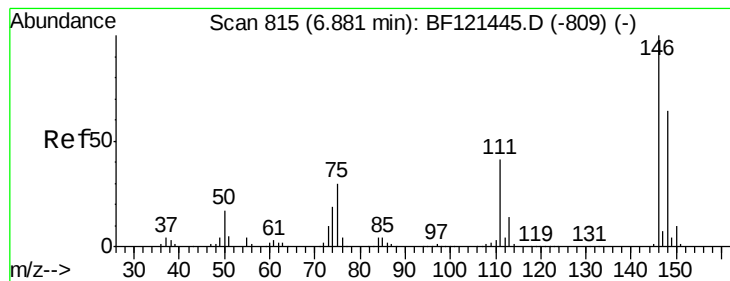
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.594 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion:	146	Resp:	849568
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.7	77.5
75	29.7	25.5	38.3





#13

1,4-Dichlorobenzene

Concen: 37.970 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

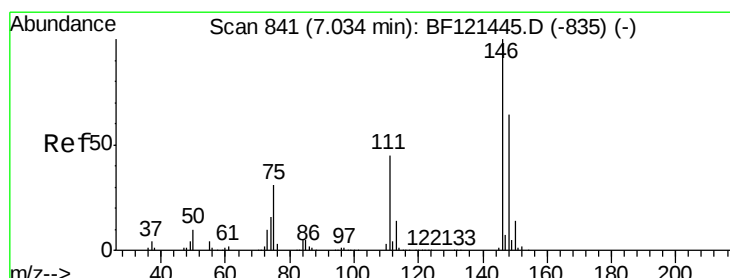
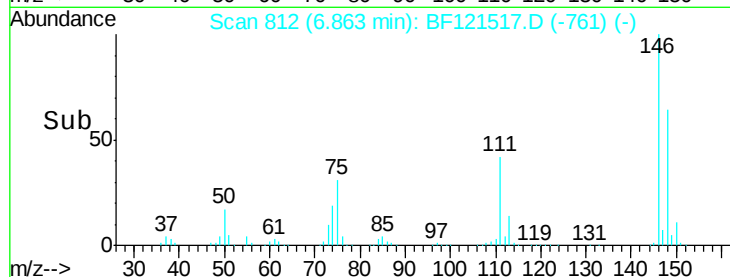
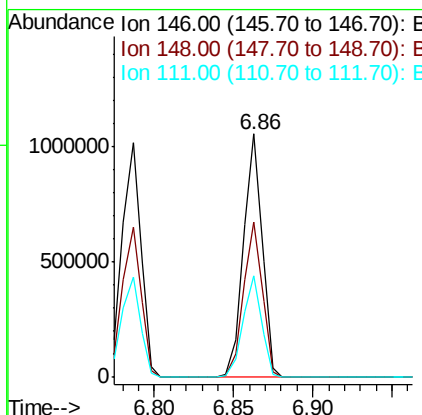
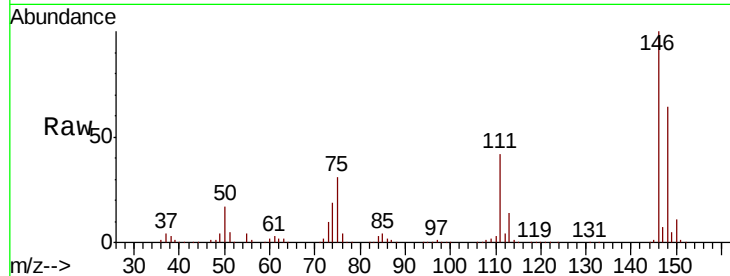
ClientSampled :

PB131374BS

Tot Ion:	146	Resp:	859951
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.0	76.4
111	41.9	33.9	50.9

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.595 ng

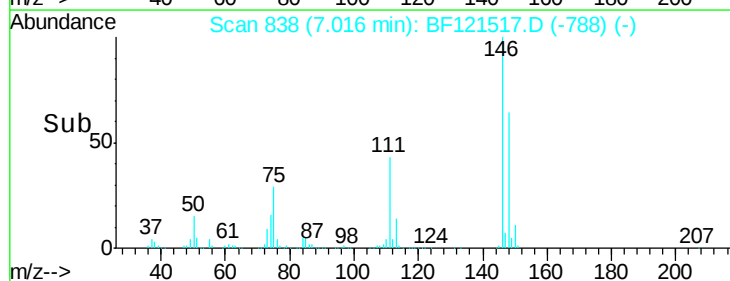
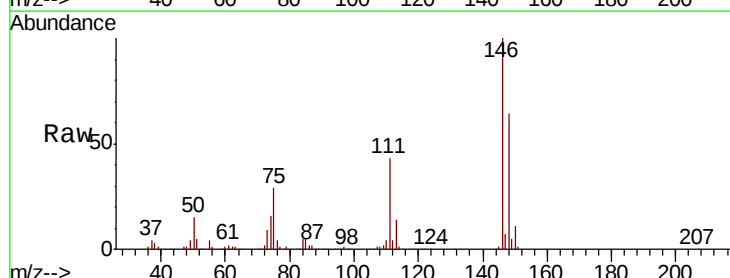
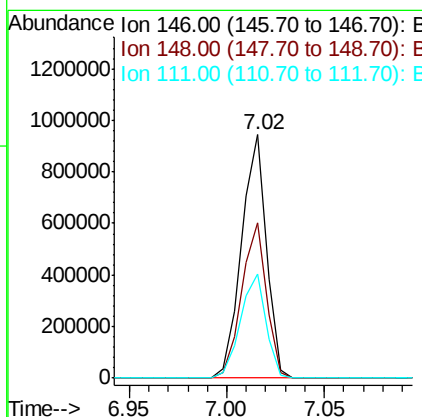
RT: 7.02 min Scan# 838

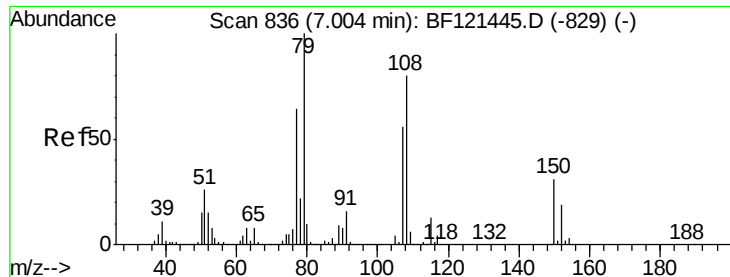
Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Tgt Ion:	146	Resp:	834998
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.9	77.9
111	42.7	33.9	50.9





#15

Benzyl Alcohol

Concen: 41.032 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

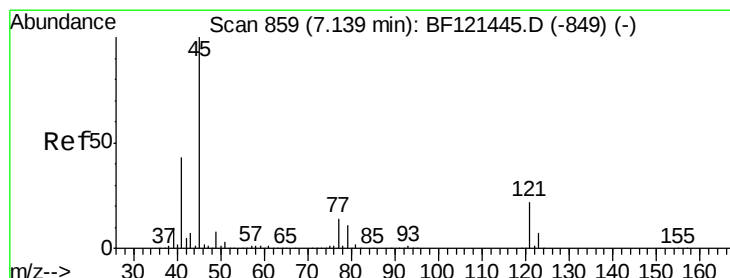
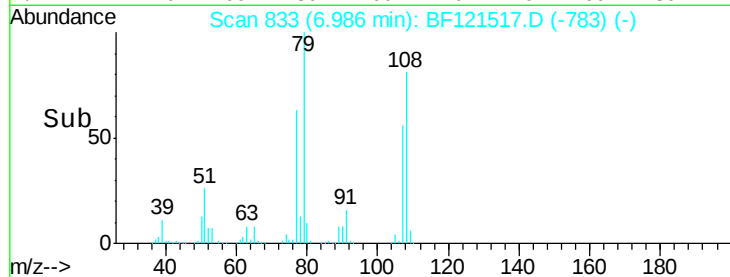
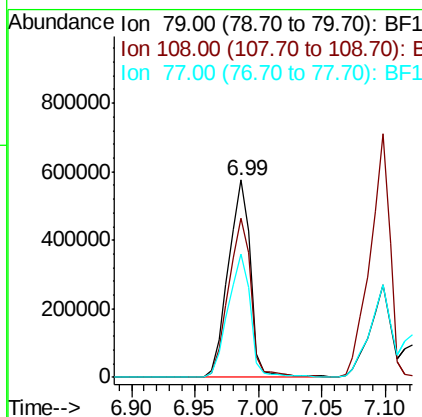
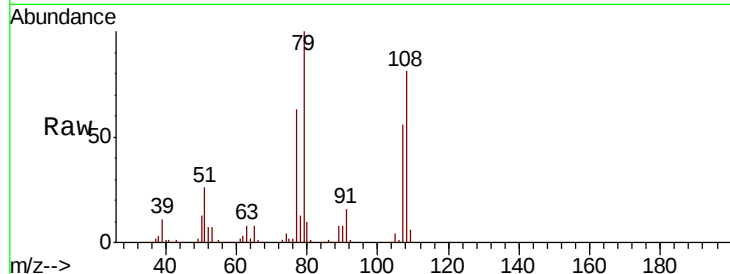
ClientSampleId :

PB131374BS

Tot Ion:	79	Resp:	696001
Ion	Ratio	Lower	Upper
79	100		
108	80.5	66.9	100.3
77	62.7	49.8	74.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.598 ng

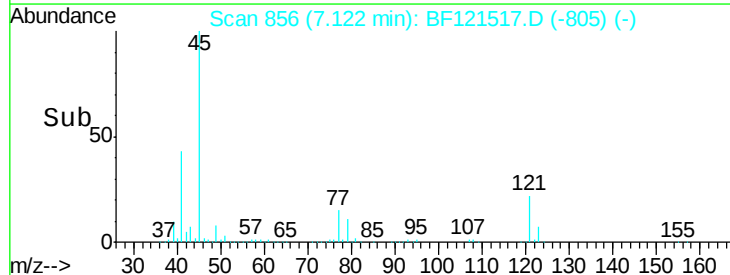
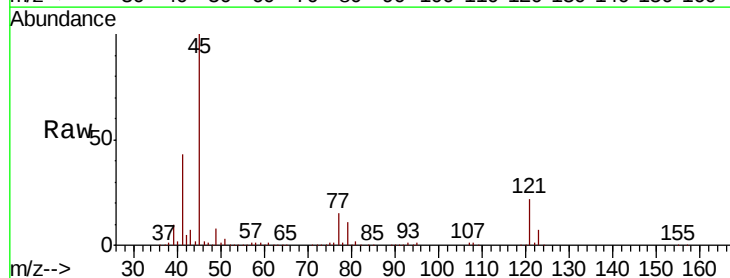
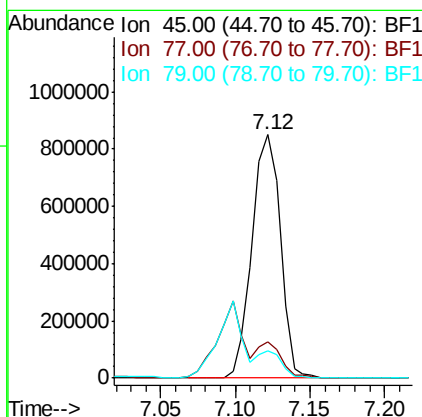
RT: 7.12 min Scan# 856

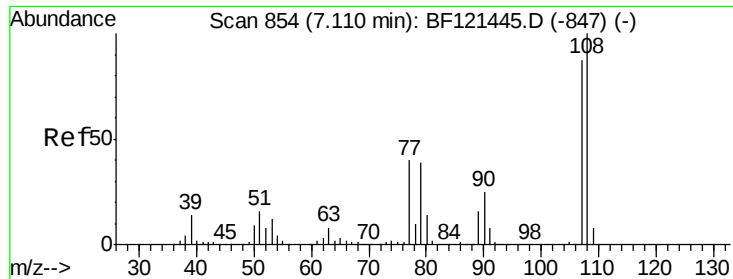
Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Tgt Ion:	45	Resp:	1113653
Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	34.7
79	11.3	0.0	31.2





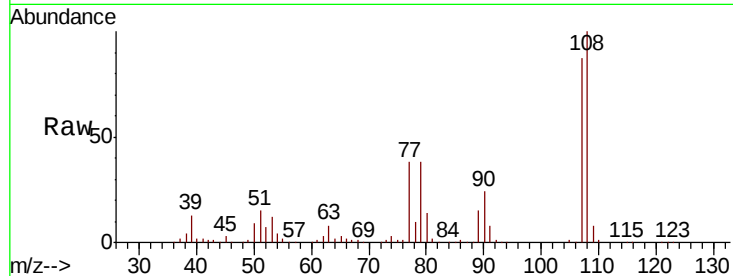
#17
2-Methylphenol
Concen: 40.637 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Instrument :
BNA_F
ClientSampleId :
PB131374BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.8	91.6	137.4	
77	43.7	35.4	53.0	
79	43.5	34.7	52.1	

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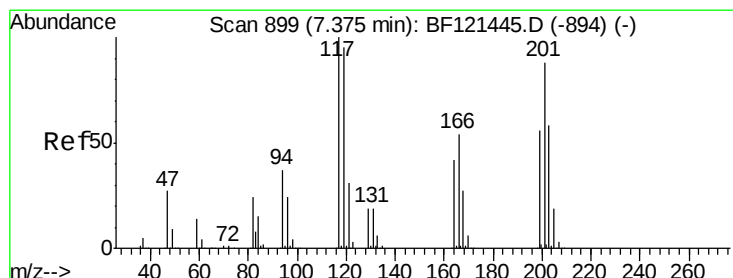
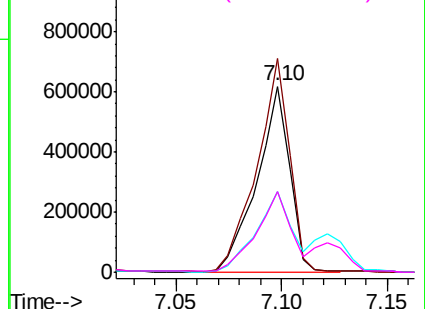
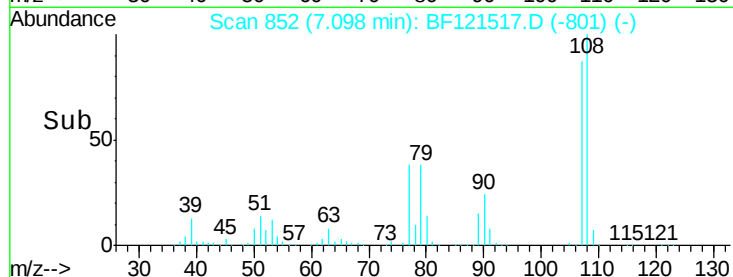
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

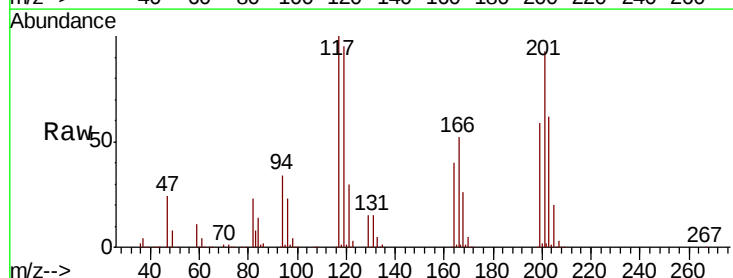
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 41.165 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	77.0	115.4	
201	92.9	82.5	123.7	

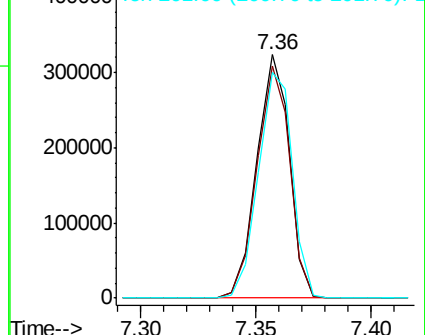
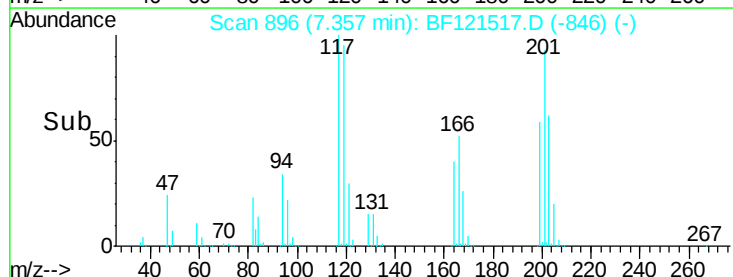


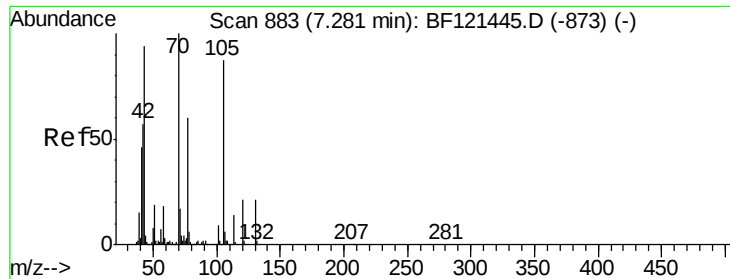
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





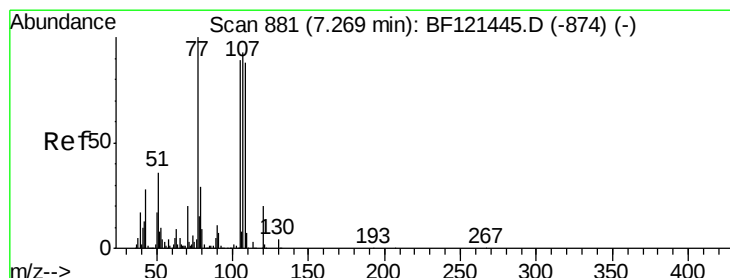
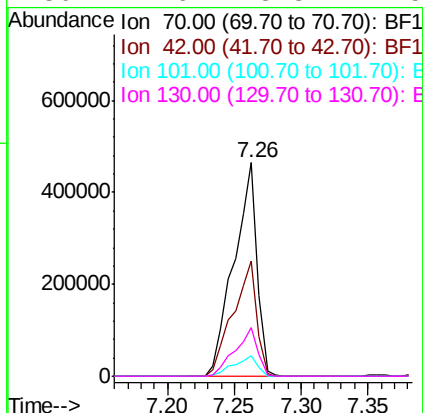
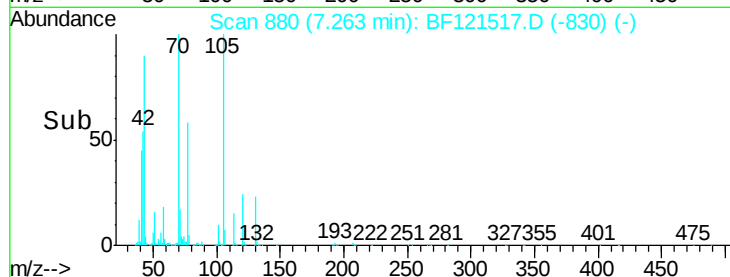
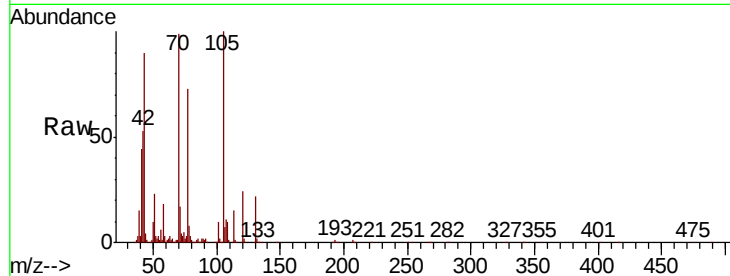
#19
n-Nitroso-di-n-propylamine
Concen: 39.232 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Instrument :
BNA_F
ClientSampleId :
PB131374BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	53.9	42.0	63.0		
101	9.6	8.1	12.1		
130	22.6	18.3	27.5		

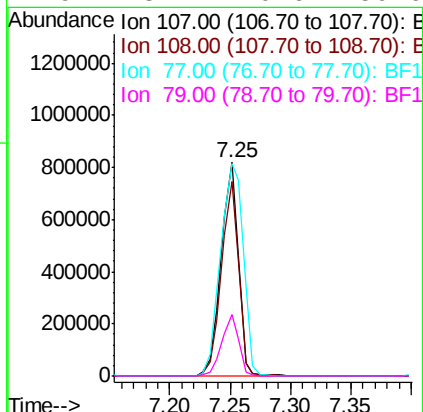
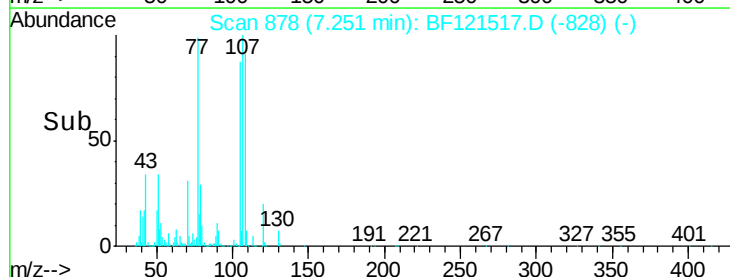
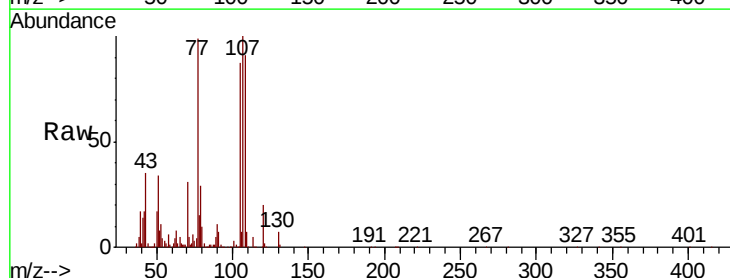
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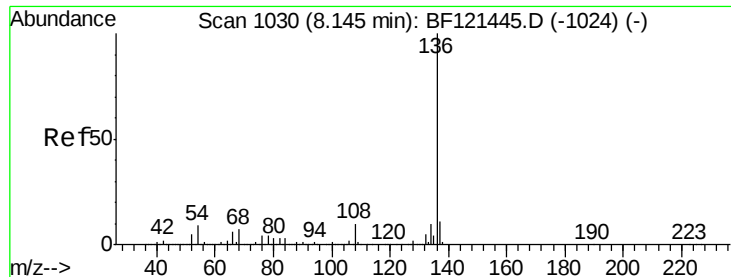
mohammad
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#20
3+4-Methylphenols
Concen: 41.097 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.9	74.0	114.0		
77	99.3	96.7	136.7		
79	28.7	10.6	50.6		





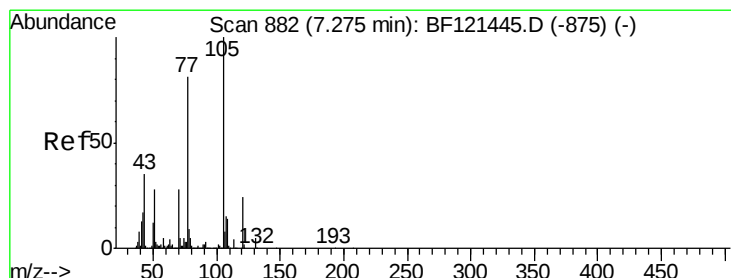
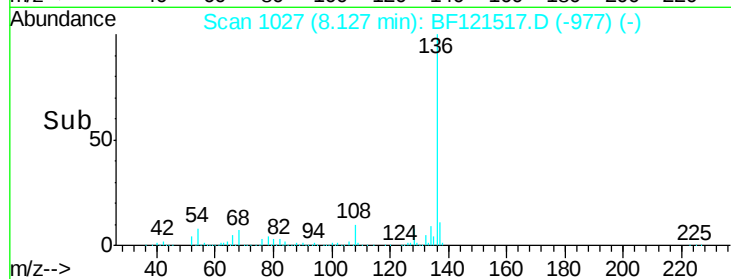
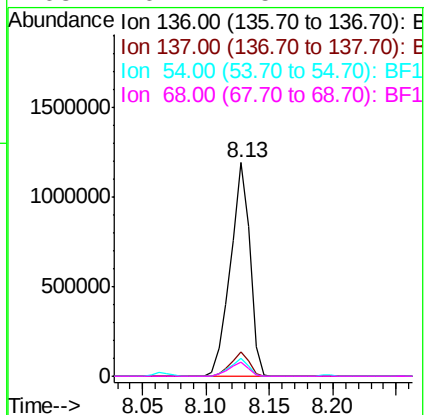
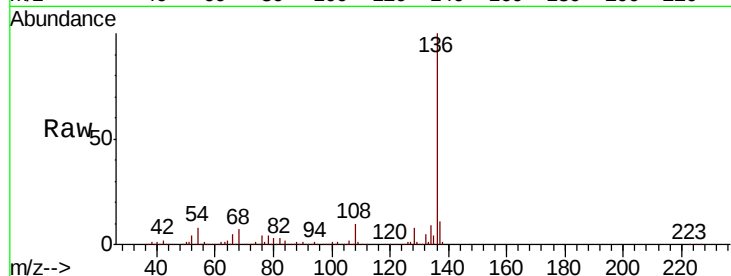
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Instrument :
BNA_F
ClientSampleId :
PB131374BS

Tot Ion	136	Resp	1251094
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.3	6.2	9.4
68	6.7	5.1	7.7

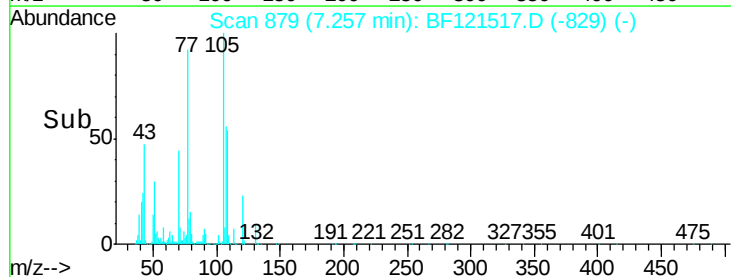
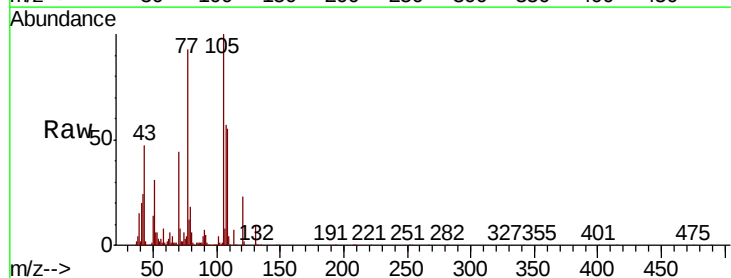
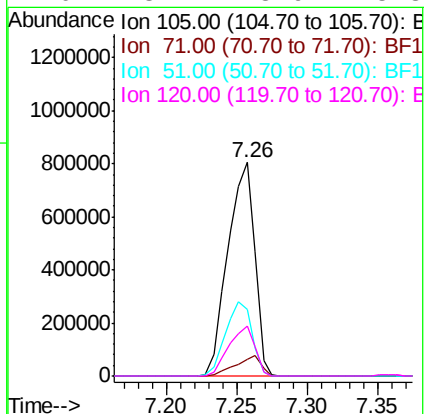
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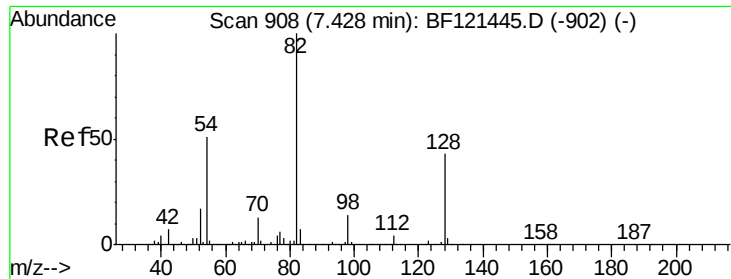
mohammad
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#22
Acetophenone
Concen: 34.512 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion	105	Resp	1064218
Ion	Ratio	Lower	Upper
105	100		
71	7.6	6.0	9.0
51	30.9	20.7	31.1
120	23.2	18.9	28.3





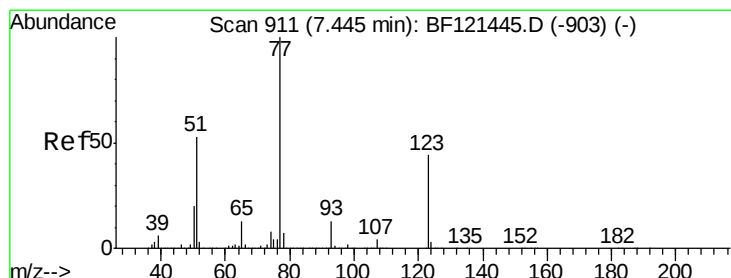
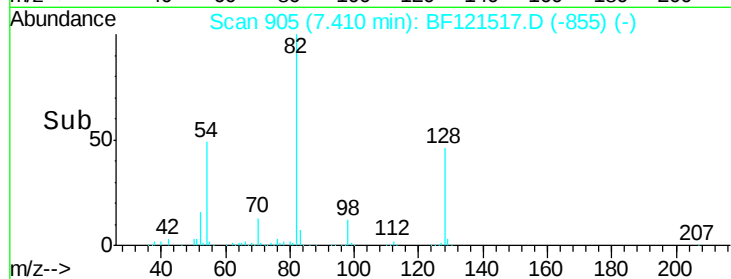
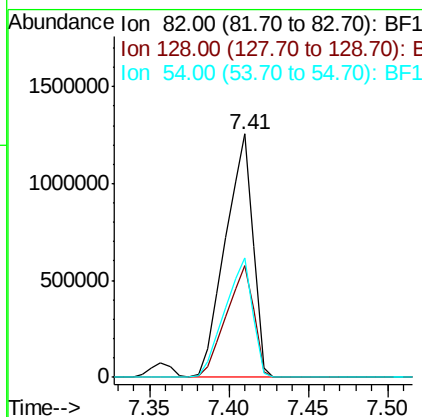
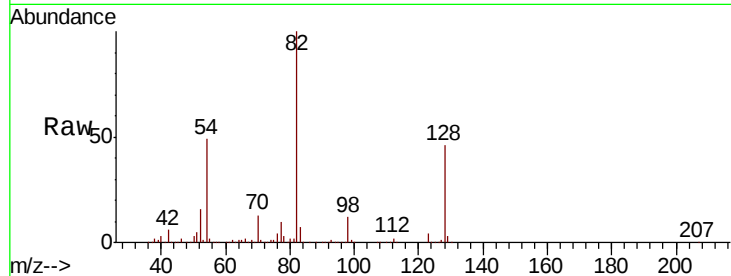
#23
 Nitrobenzene-d5
 Concen: 83.417 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB131374BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.3	55.9
54	49.0	39.0	58.6

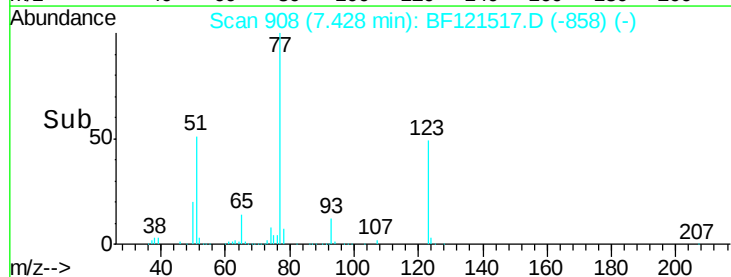
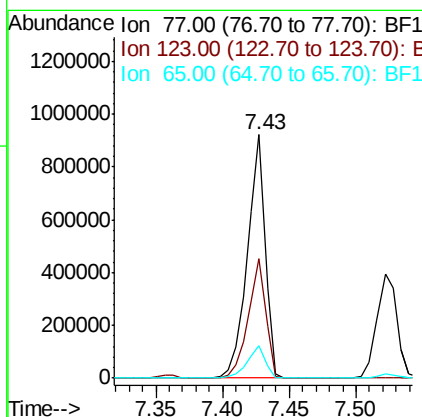
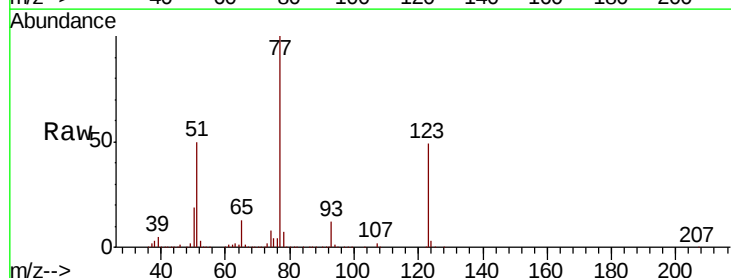
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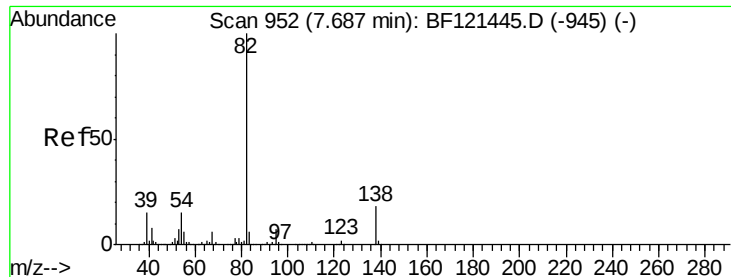
mohammad
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#24
 Nitrobenzene
 Concen: 45.739 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	39.7	59.5
65	13.4	11.0	16.4





#25

Isophorone

Concen: 38.536 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

Tot Ion: 82 Resp: 1586174

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

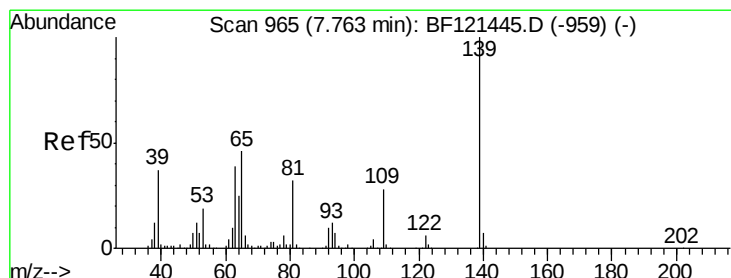
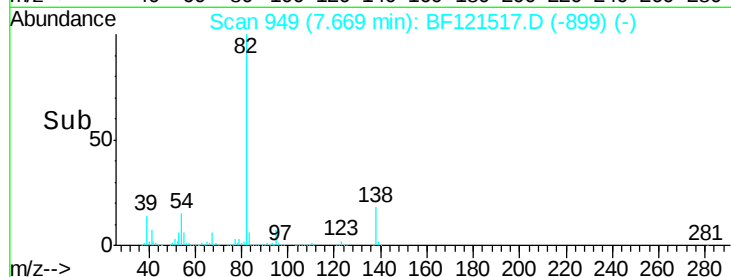
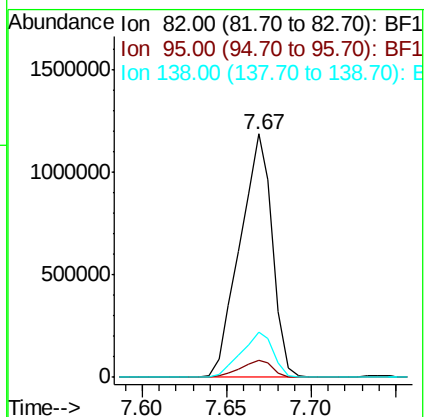
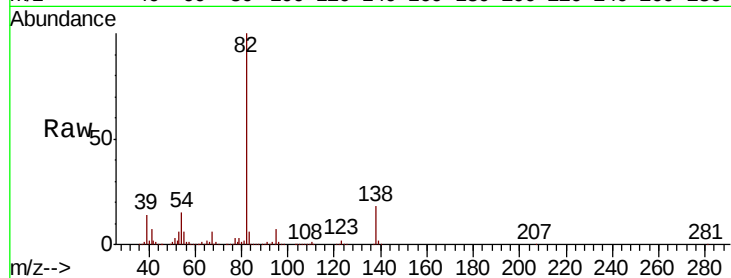
138 18.5 15.6 23.4

Manual Integrations

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#26

2-Nitrophenol

Concen: 51.945 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

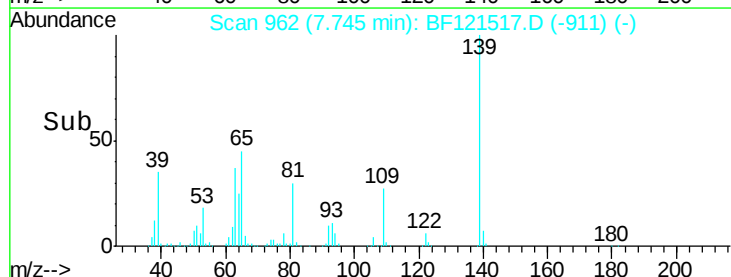
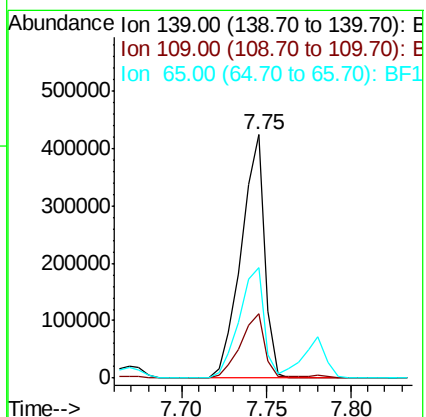
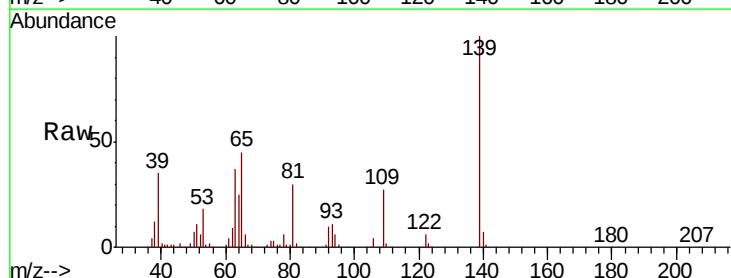
Tgt Ion: 139 Resp: 412431

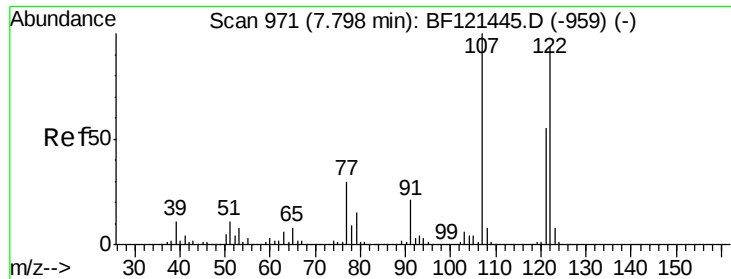
Ion Ratio Lower Upper

139 100

109 26.5 22.0 33.0

65 45.2 39.3 58.9





#27

2,4-Dimethylphenol

Concen: 45.649 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

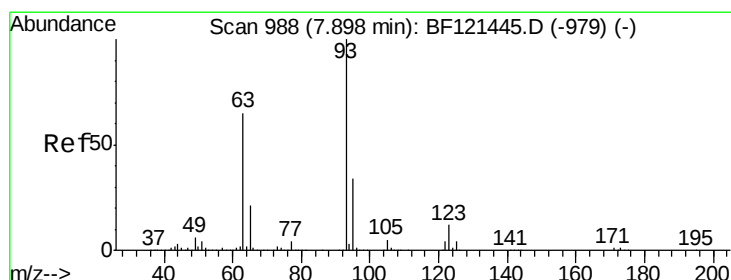
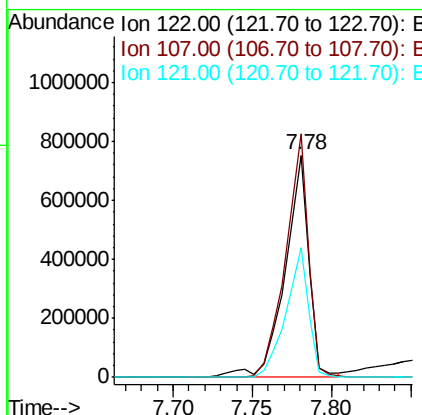
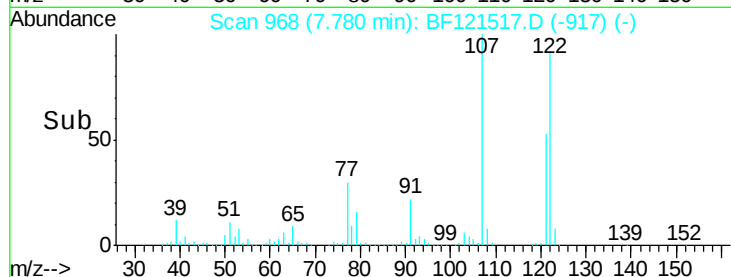
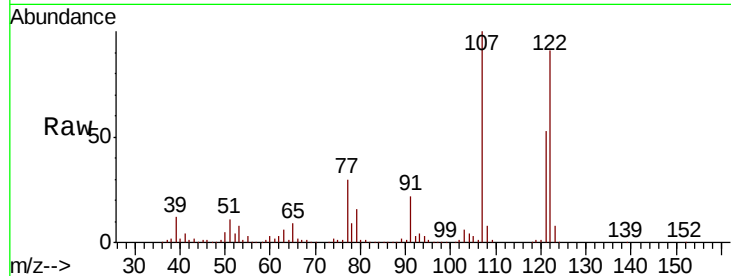
ClientSampleID :

PB131374BS

Tot Ion:	122	Resp:	779300
Ion	Ratio	Lower	Upper
122	100		
107	109.7	87.7	131.5
121	58.4	46.5	69.7

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#28

bis(2-Chloroethoxy)methane

Concen: 36.814 ng

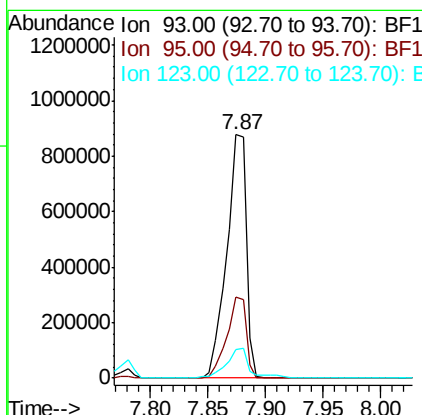
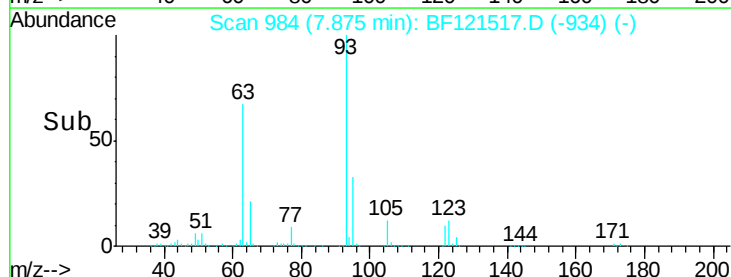
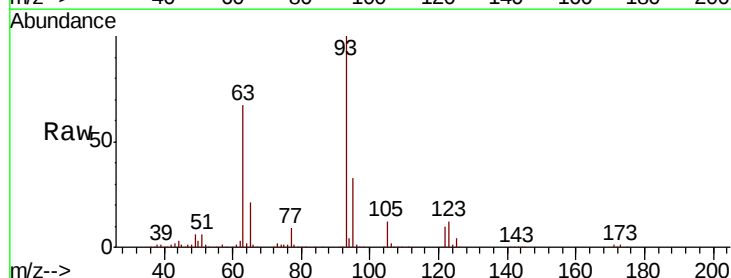
RT: 7.87 min Scan# 984

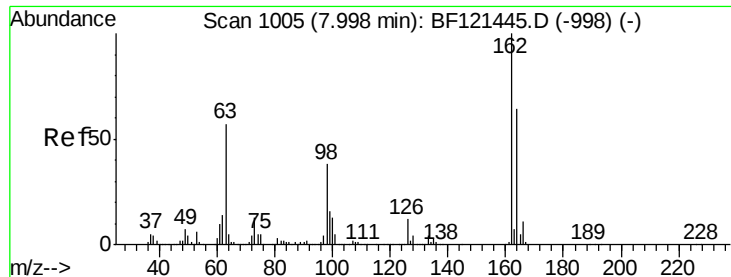
Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Tgt Ion:	93	Resp:	1030409
Ion	Ratio	Lower	Upper
93	100		
95	33.1	27.4	41.0
123	11.6	9.6	14.4





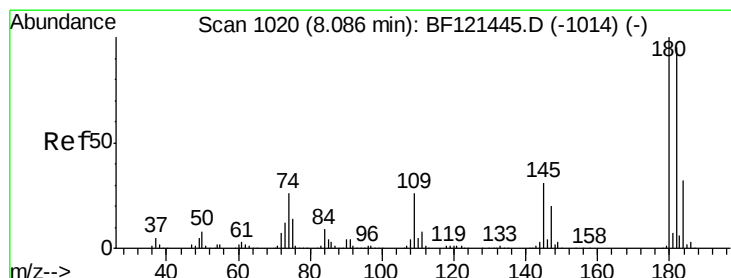
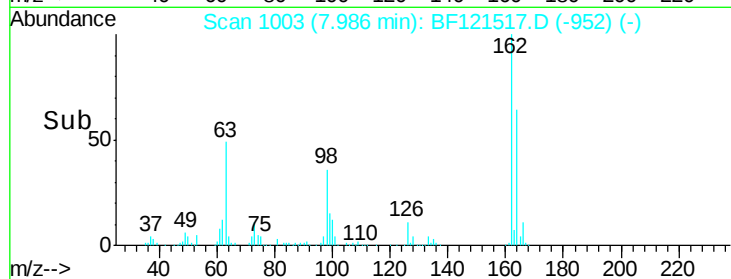
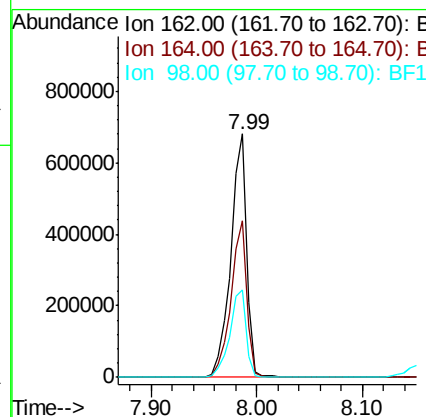
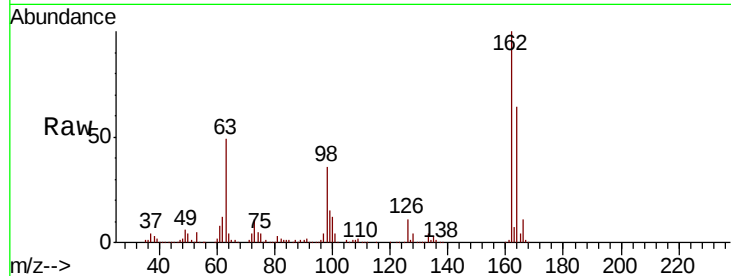
#29
2,4-Dichlorophenol
Concen: 41.880 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Instrument :
BNA_F
ClientSampleId :
PB131374BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	705936		
164	64.2		44.1	84.1
98	35.7		18.4	58.4

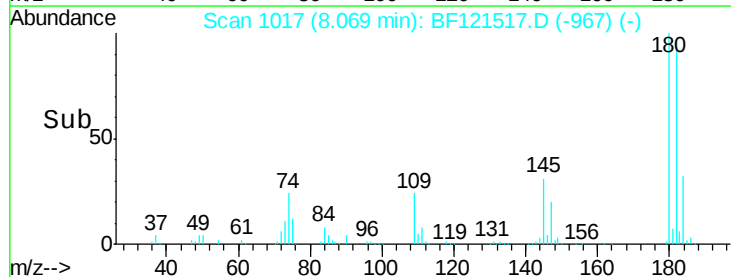
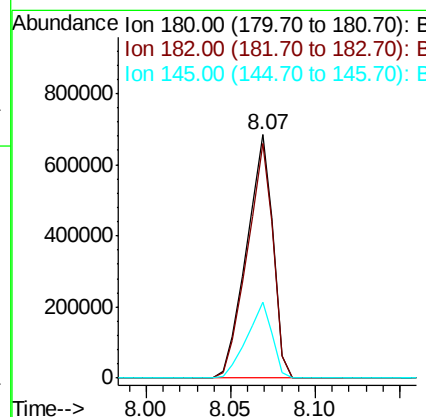
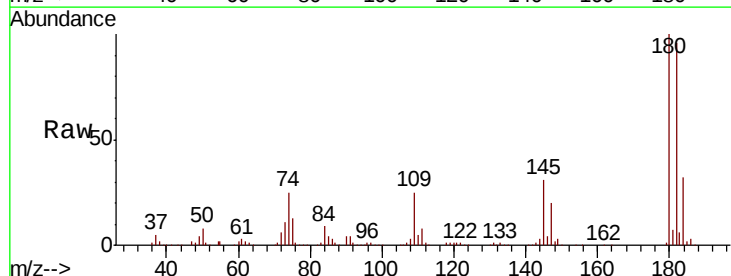
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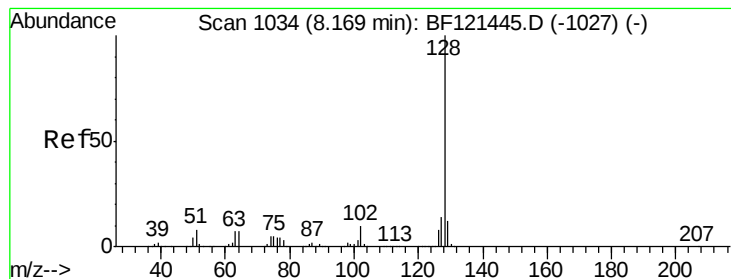
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#30
1,2,4-Trichlorobenzene
Concen: 36.014 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	743645		
182	96.4		77.5	116.3
145	31.2		24.3	36.5





#31

Naphthalene

Concen: 37.396 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

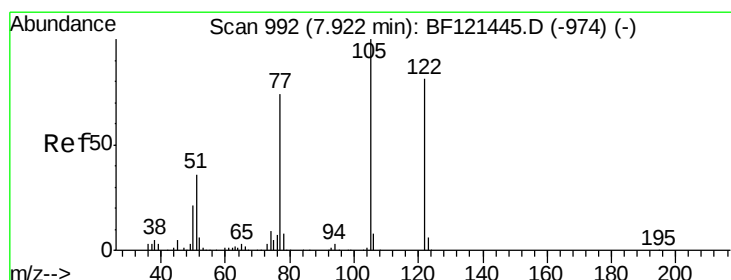
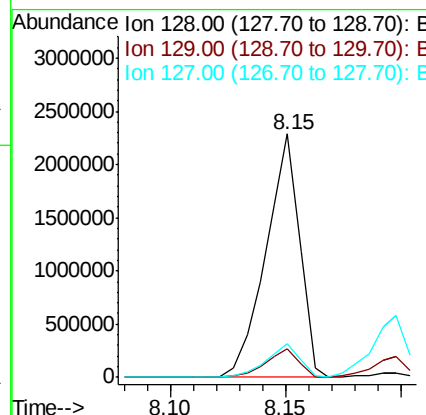
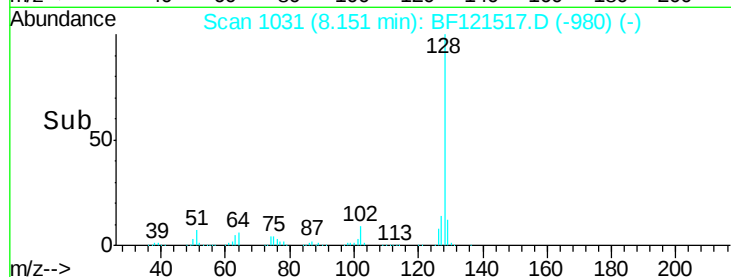
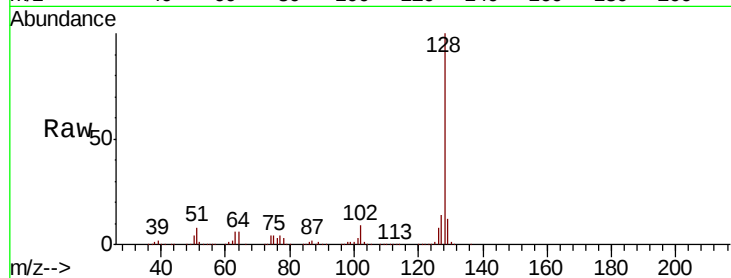
ClientSampleId :

PB131374BS

Tot	Ion:128	Resp: 2322717	
Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.7	14.5
127	14.0	11.1	16.7

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#32

Benzoic acid

Concen: 49.241 ng

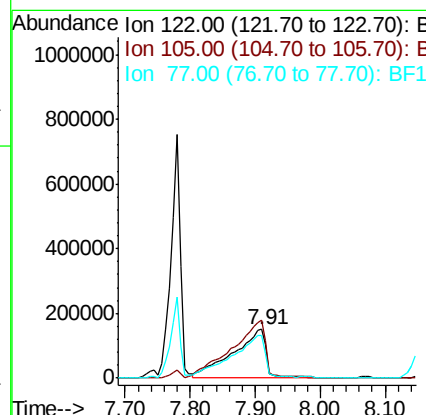
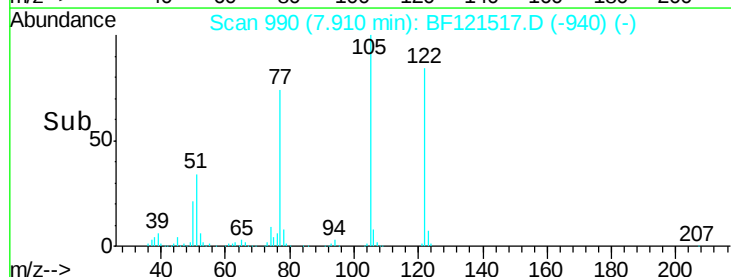
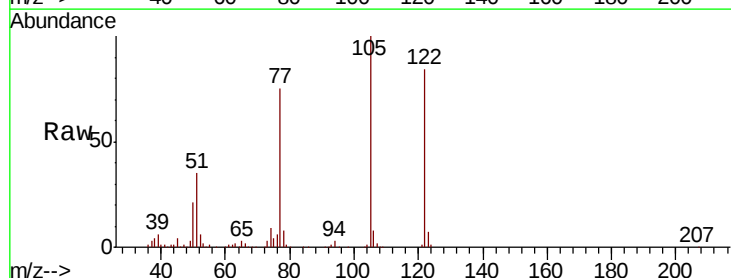
RT: 7.91 min Scan# 990

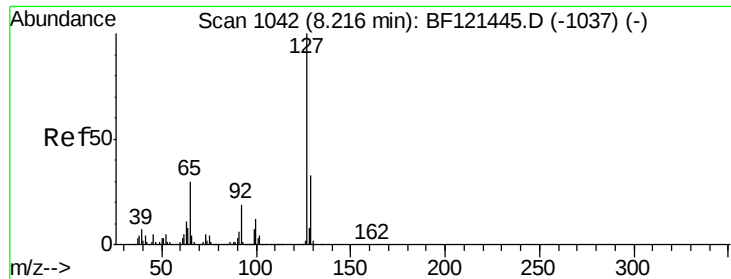
Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Tgt	Ion:122	Resp:	532090
Ion	Ratio	Lower	Upper
122	100		
105	118.7	102.2	142.2
77	88.4	69.8	109.8





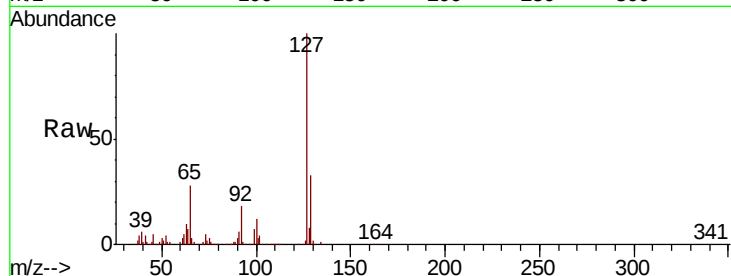
#33
4-Chloroaniline
Concen: 22.770 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Instrument :
BNA_F
ClientSampleId :
PB131374BS

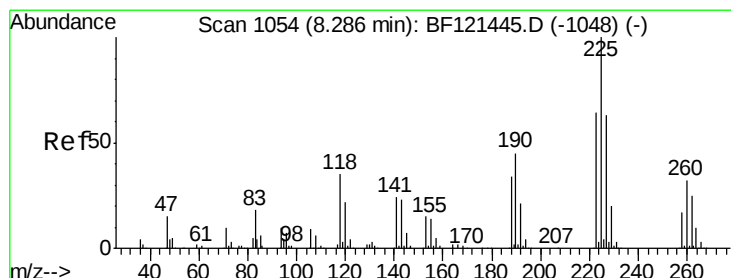
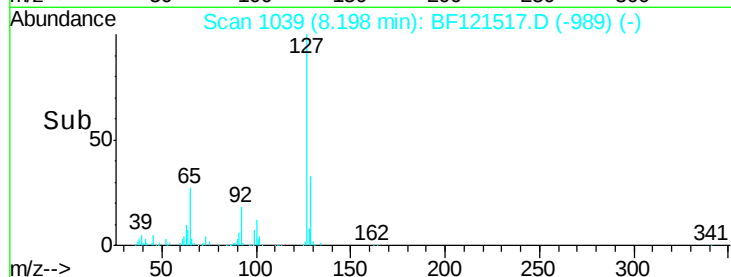
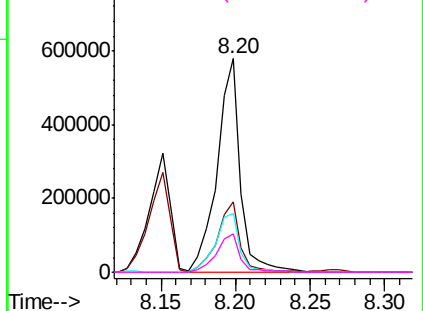
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		629911		
129	33.0	26.2	39.4		
65	27.9	21.8	32.6		
92	18.1	14.3	21.5		

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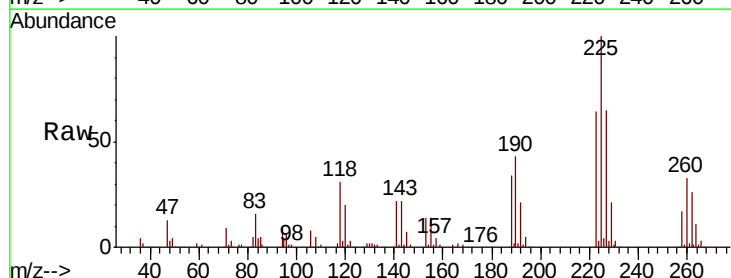


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

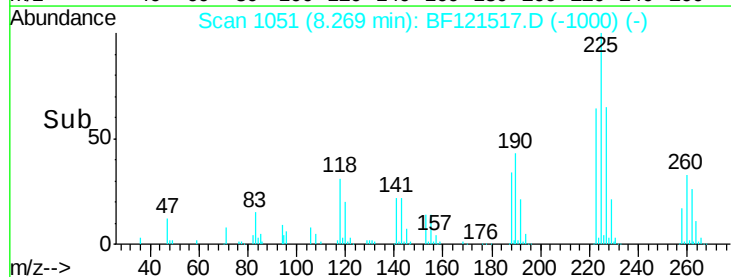
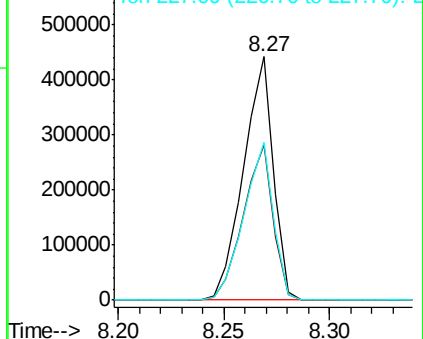


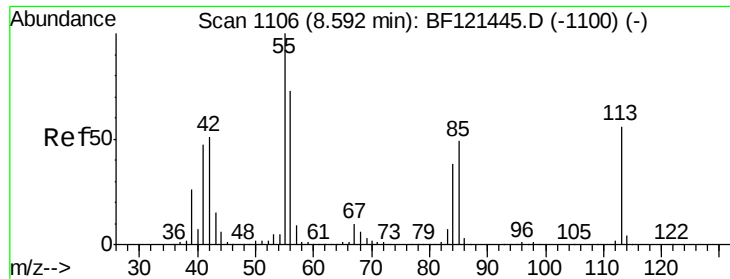
#34
Hexachlorobutadiene
Concen: 35.331 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		433850		
223	63.7	51.8	77.6		
227	64.6	51.0	76.4		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.440 ng/mL

RT: 8.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

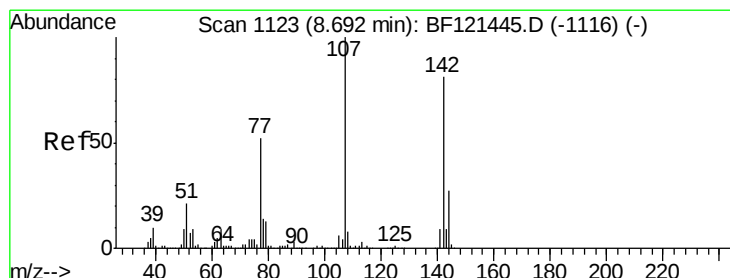
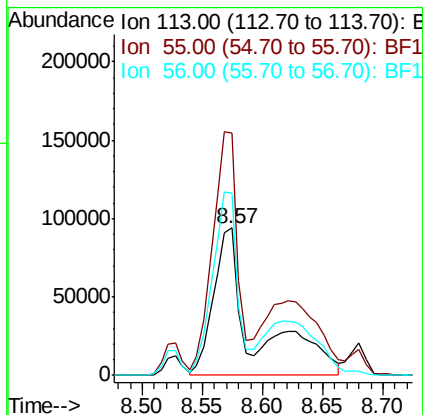
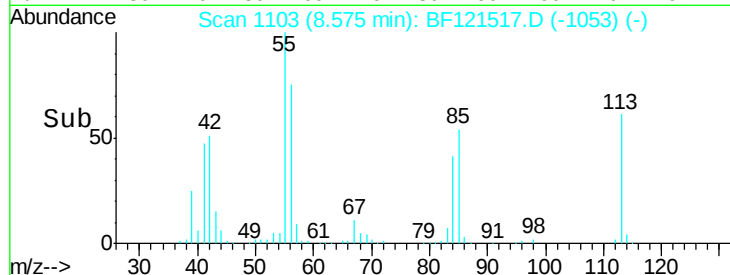
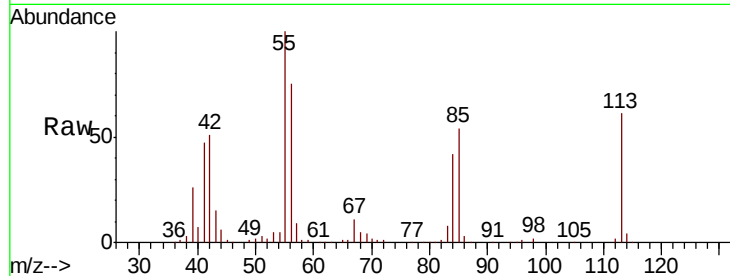
ClientSampleID :

PB131374BS

Tot Ion:	113	Resp:	222327
Ion Ratio	Lower	Upper	
113	100		
55	164.8	149.1	189.1
56	123.5	104.4	144.4

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#36

4-Chloro-3-methylphenol

Concen: 40.865 ng/mL

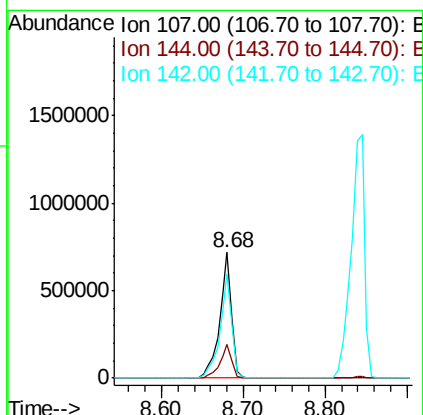
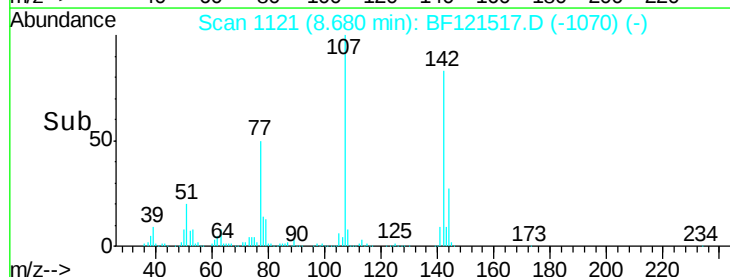
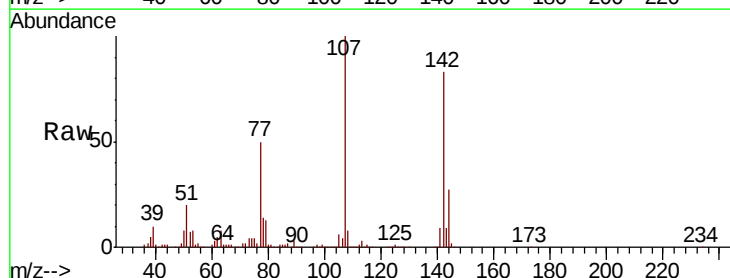
RT: 8.68 min Scan# 1121

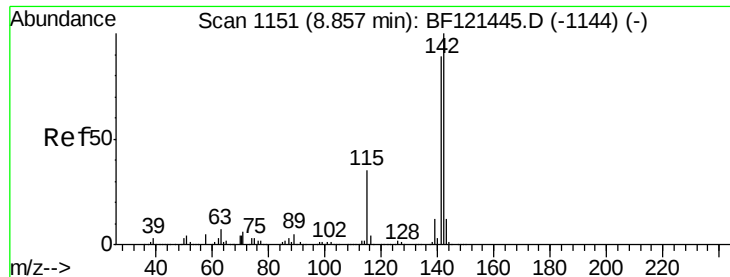
Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Tgt Ion:	107	Resp:	726258
Ion Ratio	Lower	Upper	
107	100		
144	27.1	21.3	31.9
142	83.1	64.9	97.3





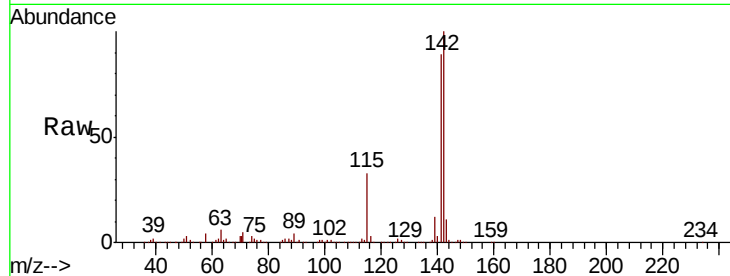
#37
2-Methylnaphthalene
Concen: 38.996 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Instrument :
BNA_F
ClientSampleId :
PB131374BS

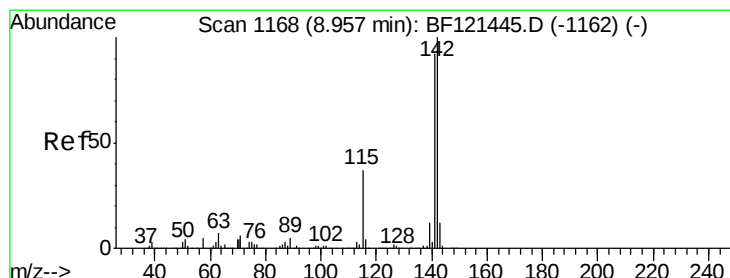
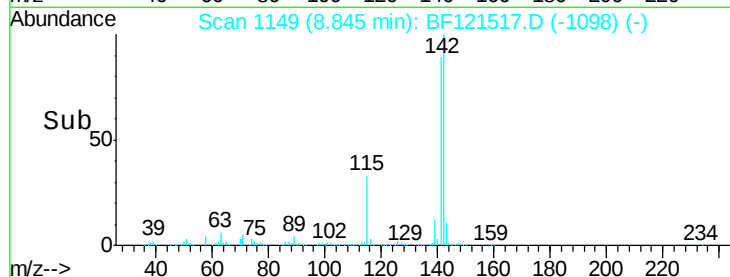
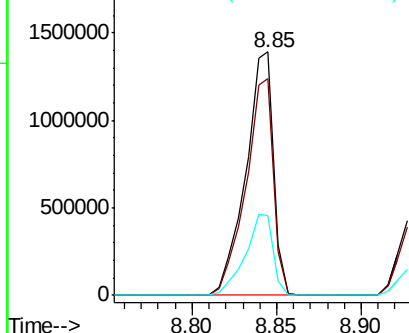
Tot Ion:142 Resp: 1604743
Ion Ratio Lower Upper
142 100
141 89.1 71.9 107.9
115 32.7 27.7 41.5

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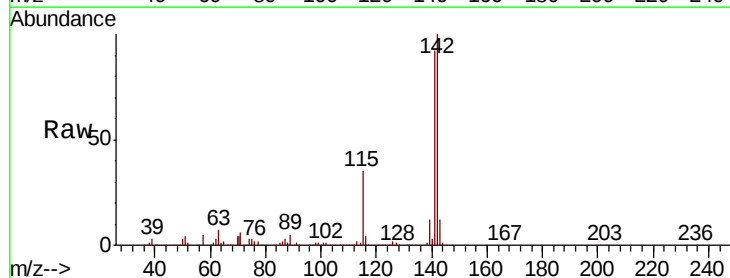


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

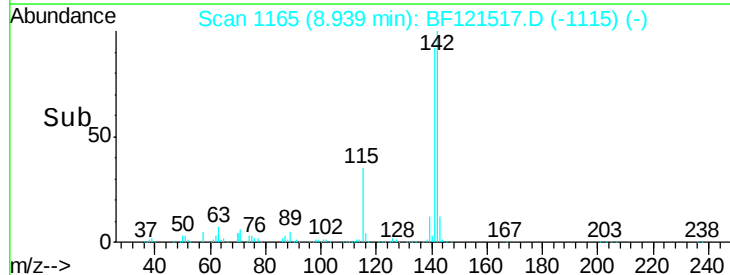
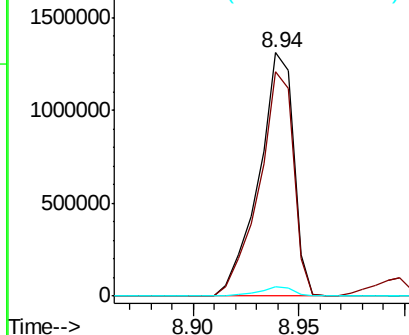


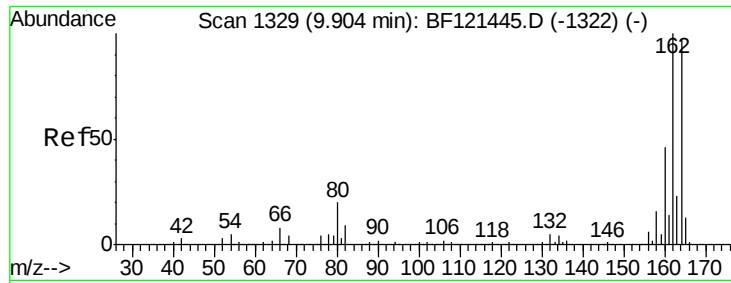
#38
1-Methylnaphthalene
Concen: 38.652 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion:142 Resp: 1501945
Ion Ratio Lower Upper
142 100
141 92.1 73.7 110.5
116 3.8 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





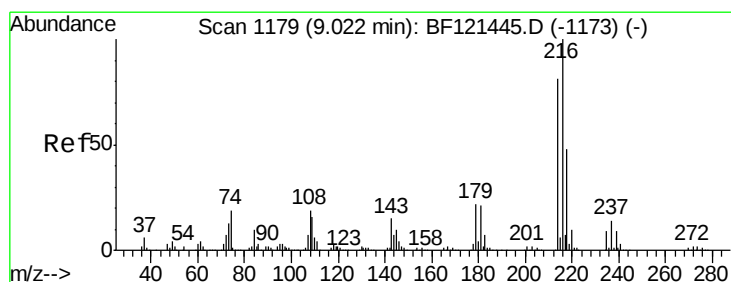
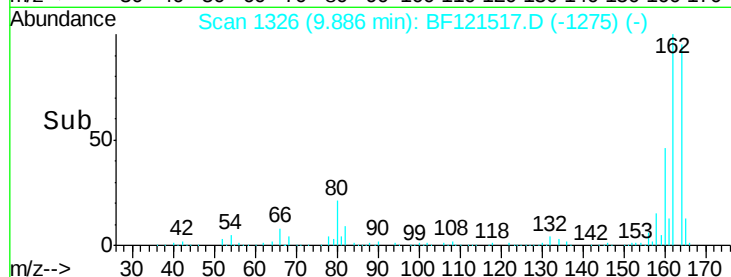
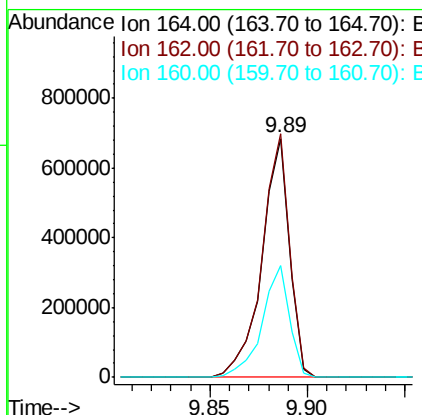
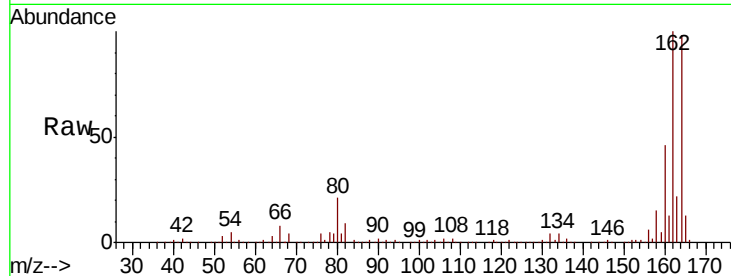
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Instrument :
BNA_F
ClientSampleId :
PB131374BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.5	120.7
160	46.9	36.2	54.4

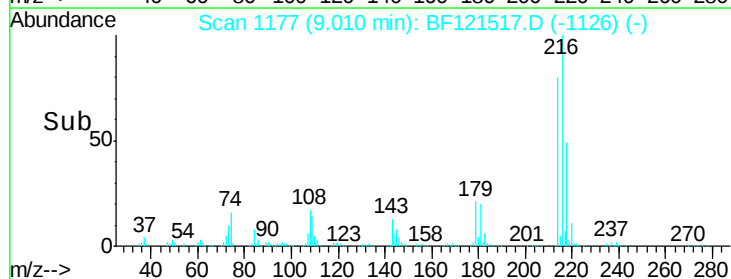
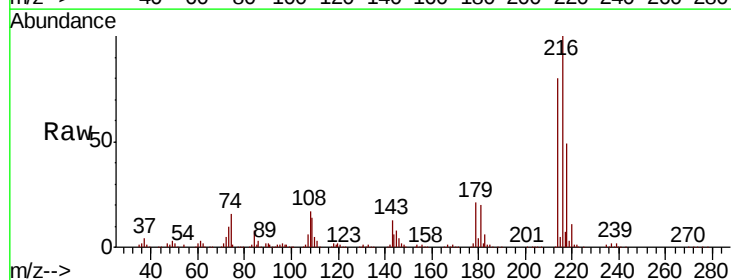
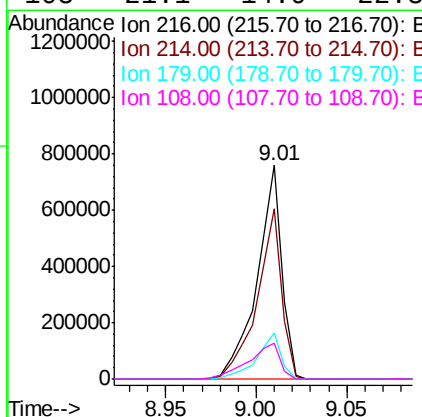
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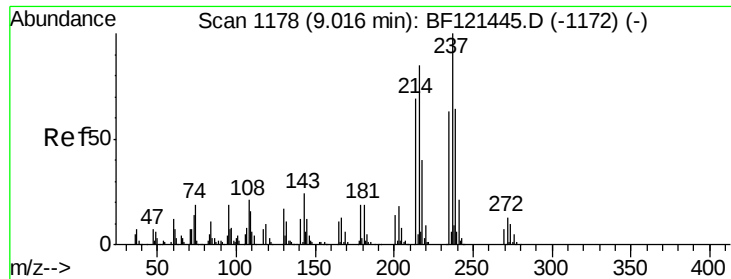
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.290 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.3	96.5
179	20.8	16.9	25.3
108	21.1	14.9	22.3





#41

Hexachlorocyclopentadiene

Concen: 109.808 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

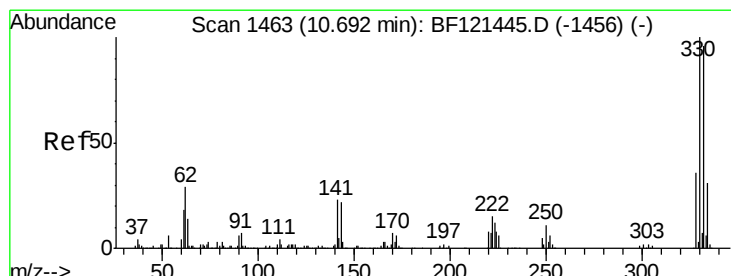
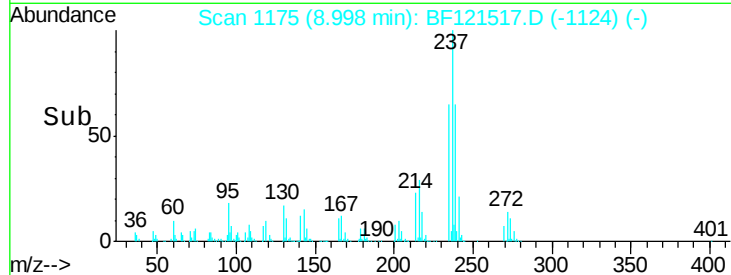
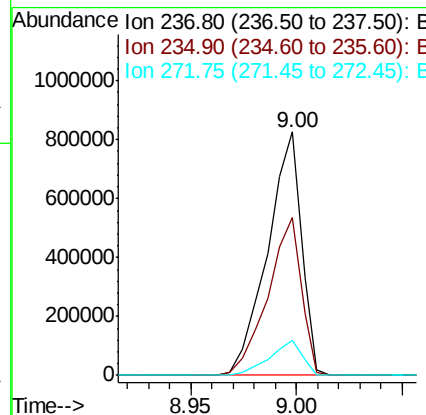
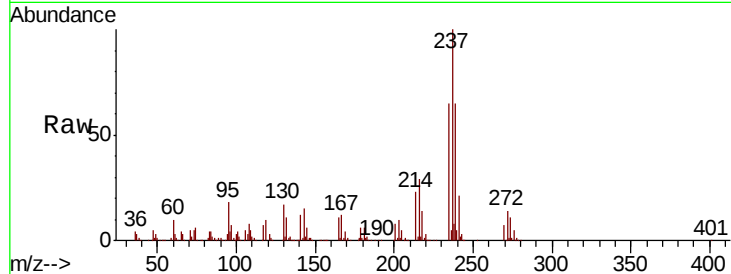
ClientSampleId :

PB131374BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	64.6		43.0	83.0	
272	14.1		0.0	34.0	

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#42

2,4,6-Tribromophenol

Concen: 119.420 ng

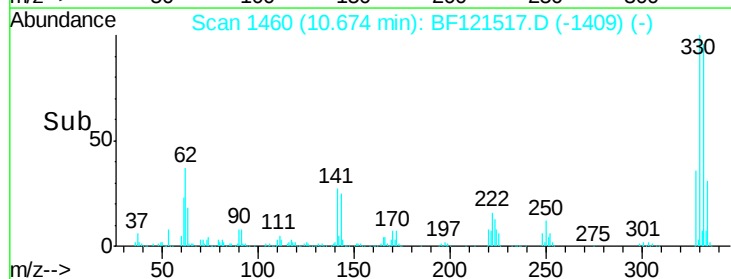
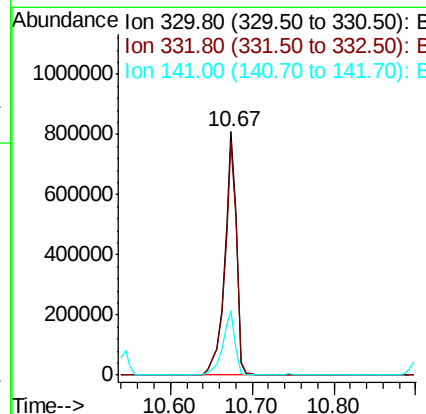
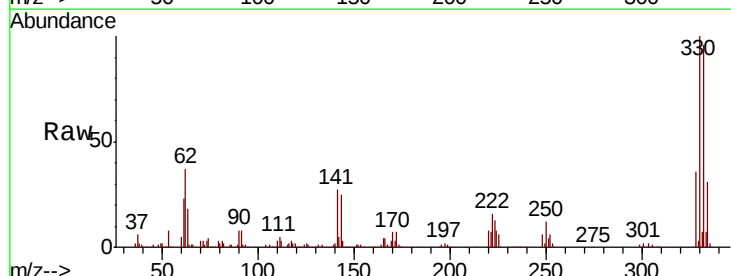
RT: 10.67 min Scan# 1460

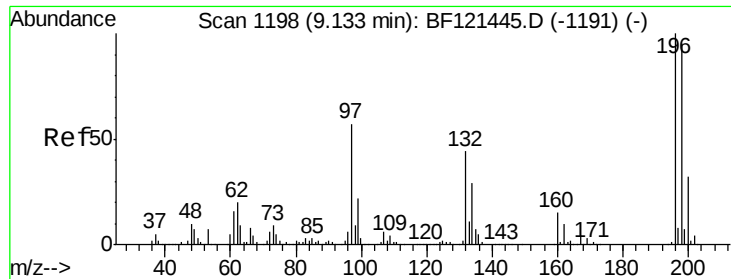
Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	95.9		76.2	114.2	
141	27.8		22.6	34.0	





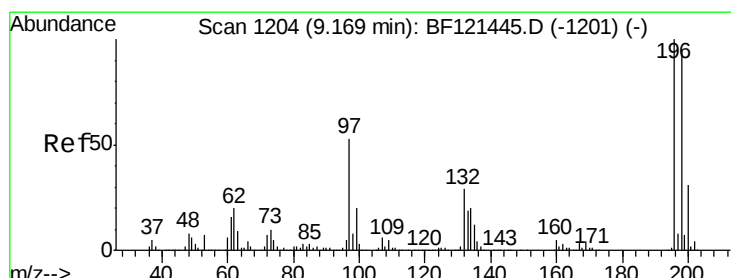
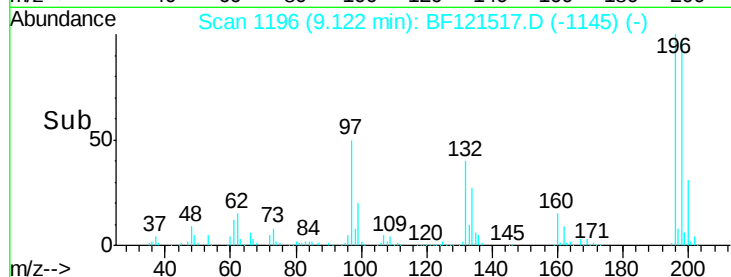
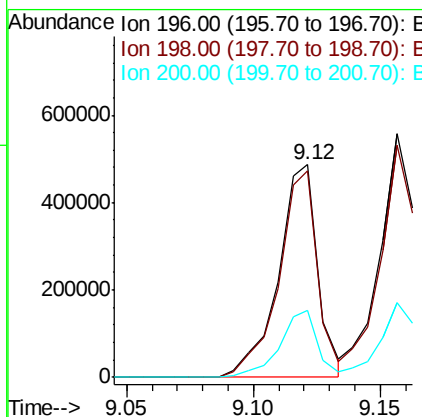
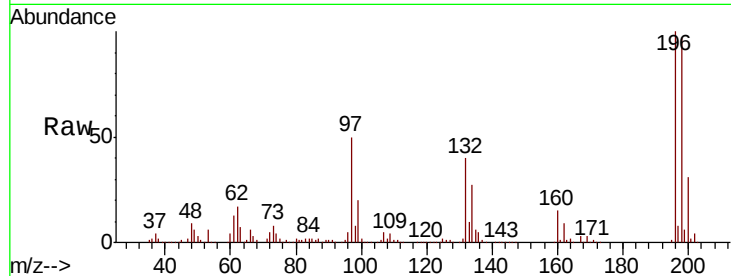
#43
 2,4,6-Trichlorophenol
 Concen: 42.126 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Instrument :
 BNA_F
 ClientSampled :
 PB131374BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	530476		
198	96.8	77.1	115.7	
200	31.5	25.0	37.4	

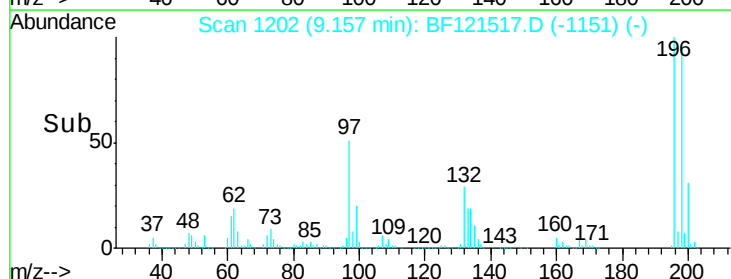
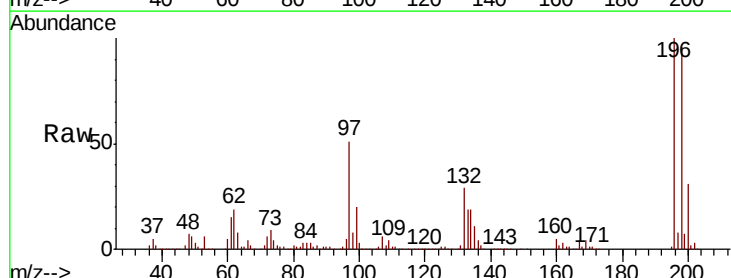
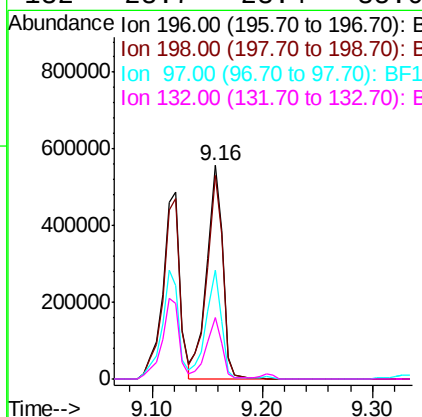
Manual Integrations
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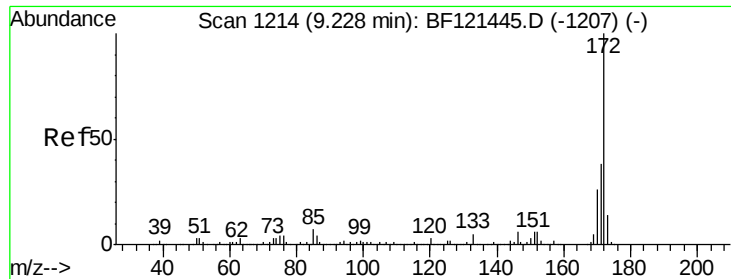
mohammad
 9/3/2020 1:48:03 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.596 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	542868		
198	95.6	75.5	113.3	
97	51.1	42.2	63.4	
132	28.7	23.4	35.0	





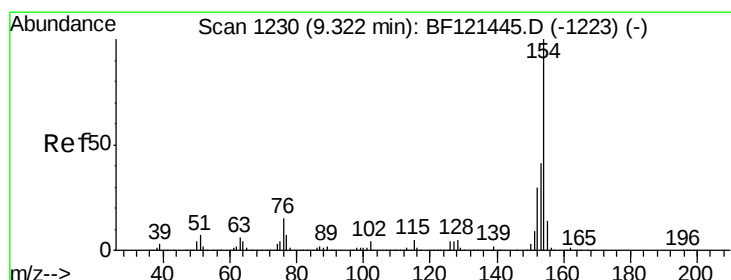
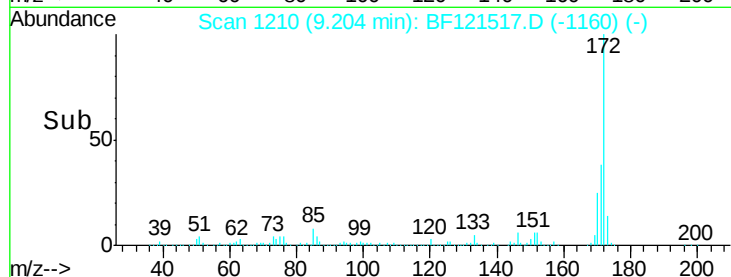
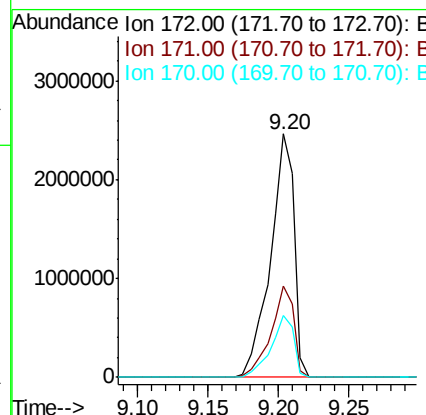
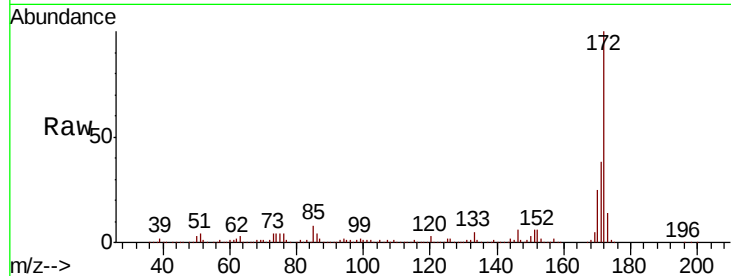
#45
2-Fluorobiphenyl
Concen: 69.388 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Instrument :
BNA_F
ClientSampleId :
PB131374BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.4	45.6
170	25.3	20.7	31.1

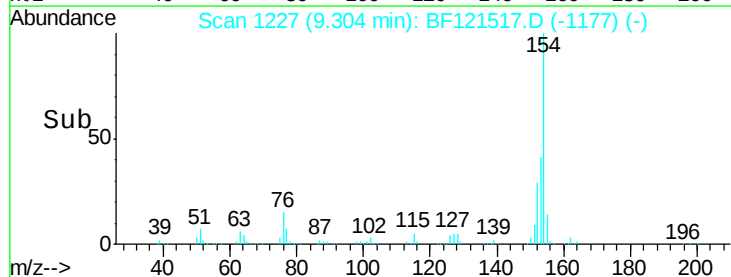
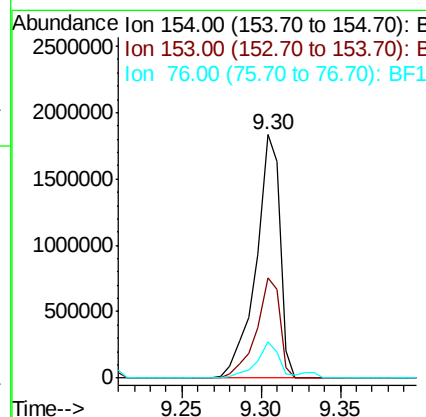
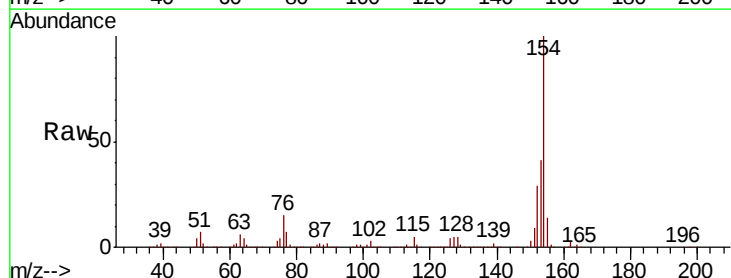
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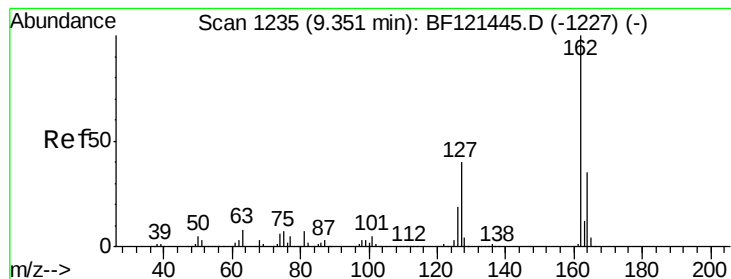
mohammad
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#46
1,1'-Biphenyl
Concen: 37.901 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.1	62.1
76	14.7	0.0	33.5





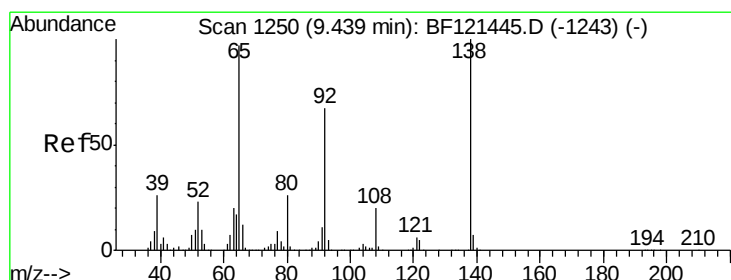
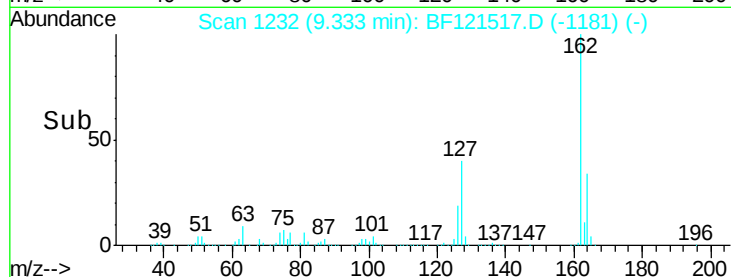
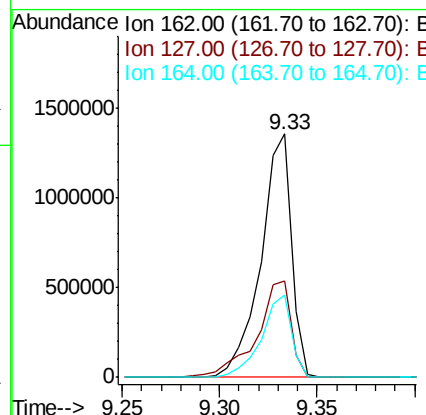
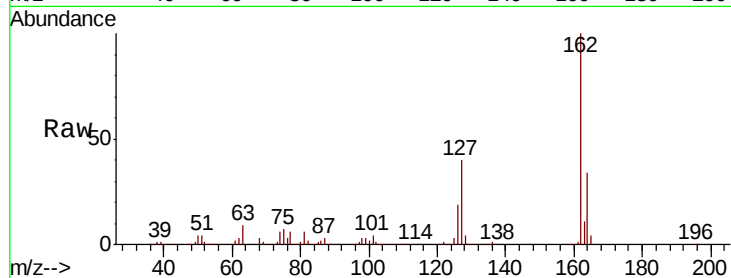
#47
 2-Chloronaphthalene
 Concen: 35.339 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB131374BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	34.0	51.0
164	33.7	27.6	41.4

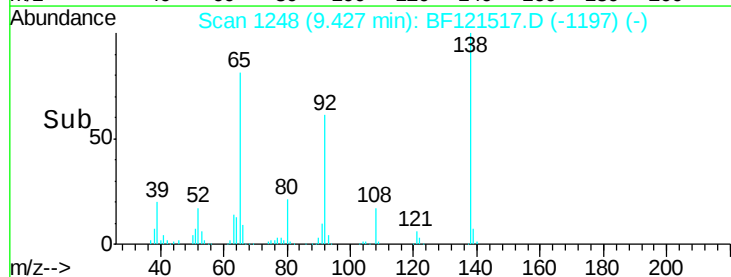
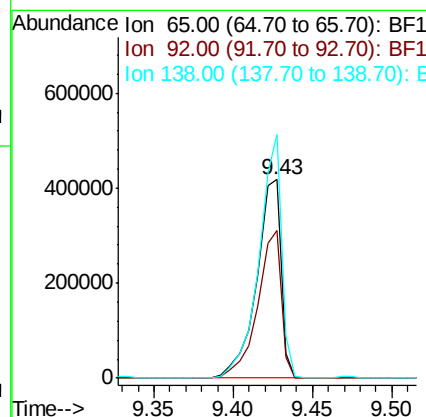
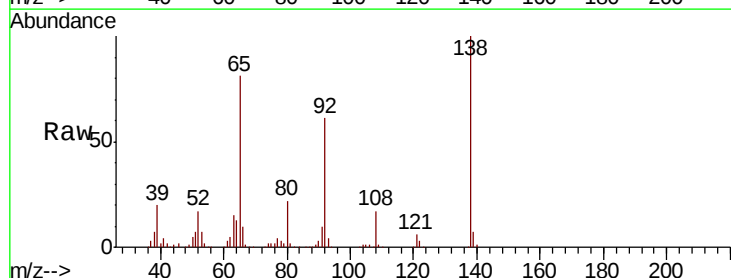
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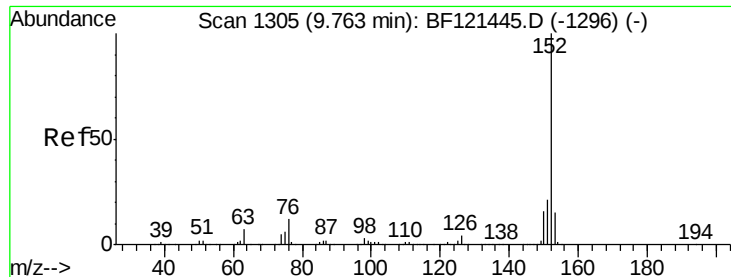
mohammad
 9/3/2020 1:48:03 PM



#48
 2-Nitroaniline
 Concen: 39.943 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.3	58.6	87.8
138	122.8	88.6	133.0





#49

Acenaphthylene

Concen: 37.759 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

Tot Ion:152 Resp: 2361012

Ion Ratio Lower Upper

152 100

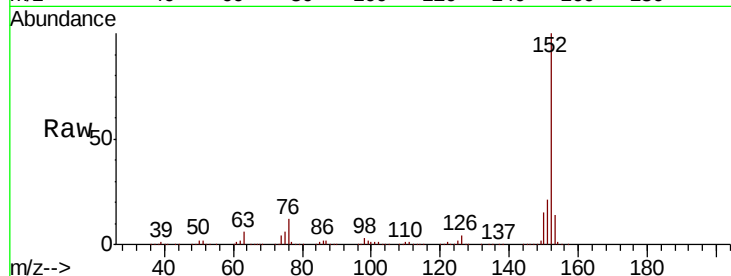
151 21.3 17.3 25.9

153 14.2 11.3 16.9

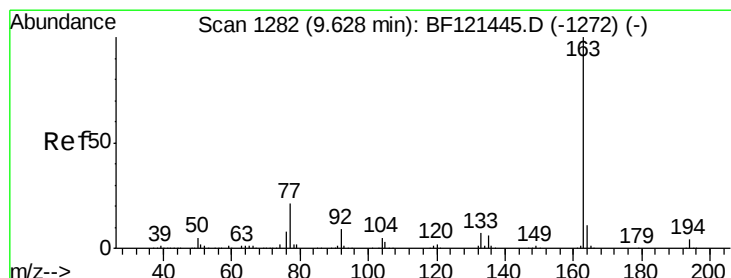
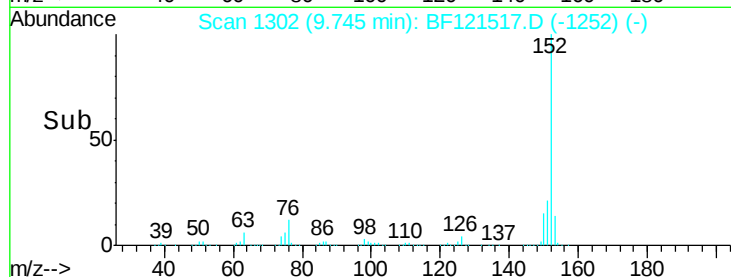
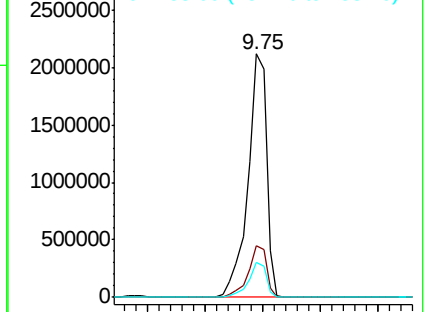
Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.213 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

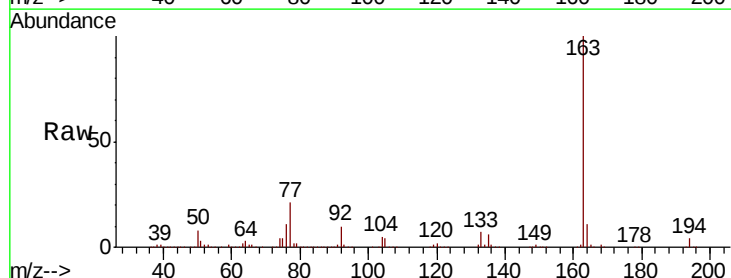
Tgt Ion:163 Resp: 1764214

Ion Ratio Lower Upper

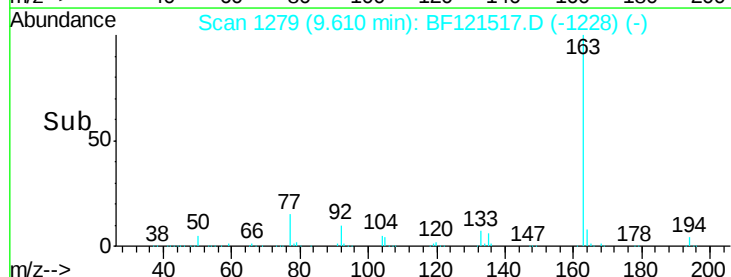
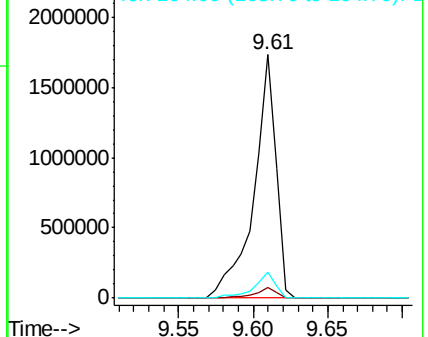
163 100

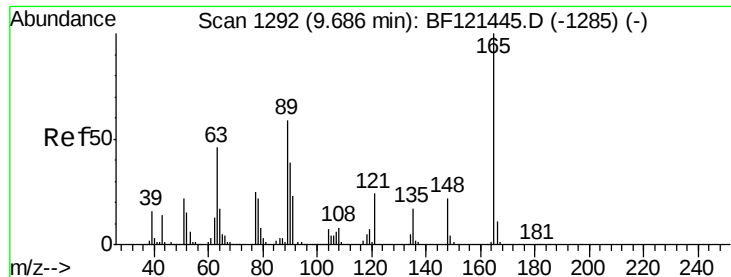
194 4.2 3.3 4.9

164 10.7 8.6 13.0



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





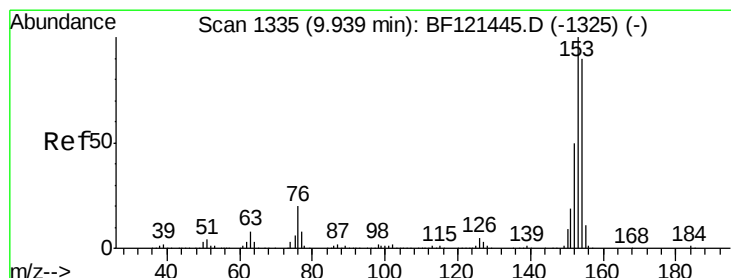
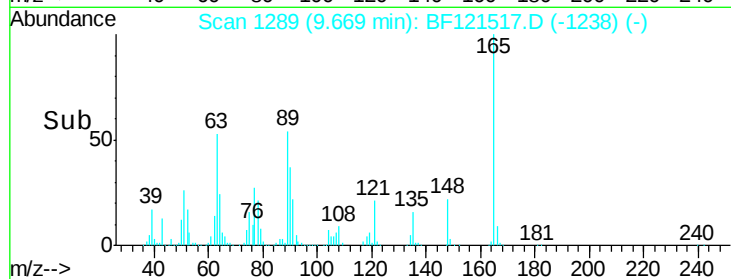
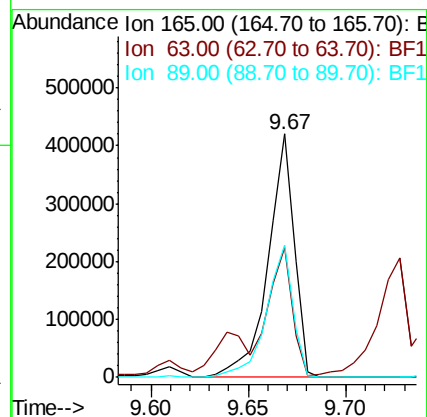
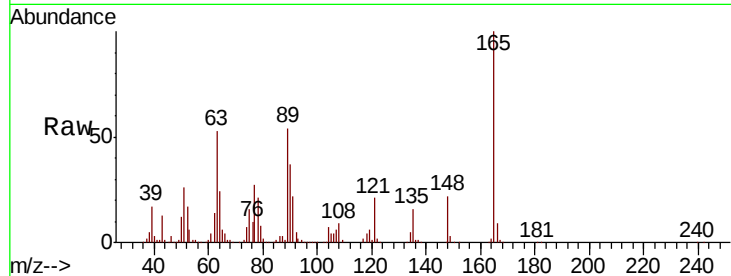
#51
 2,6-Dinitrotoluene
 Concen: 45.630 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB131374BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	391653		
63	53.3	47.4	71.0	
89	54.1	47.9	71.9	

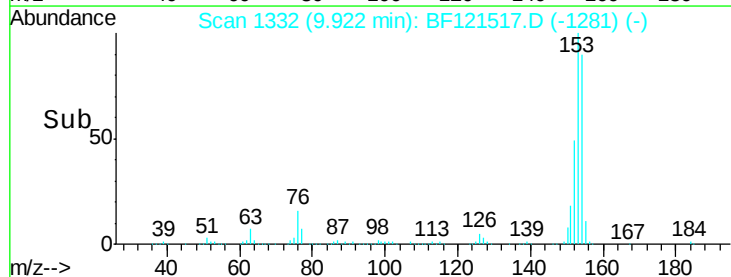
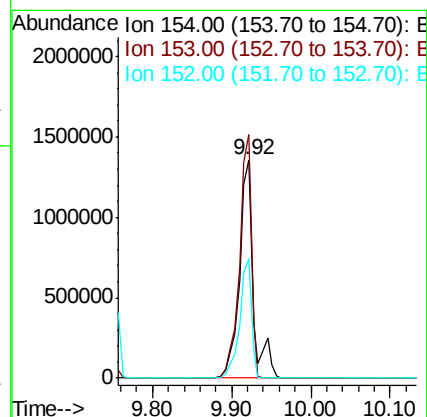
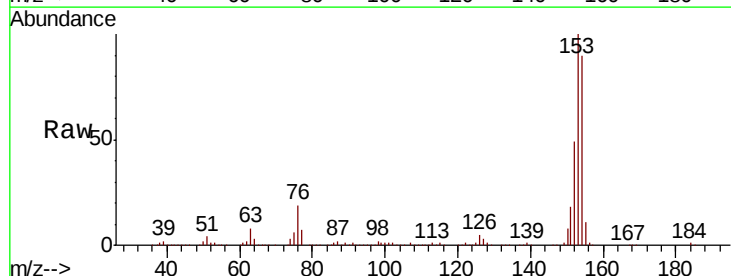
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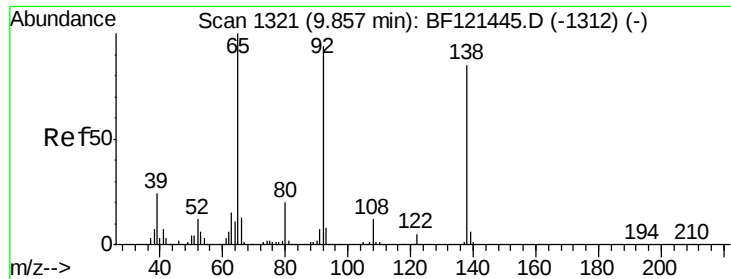
mohammad
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#52
 Acenaphthene
 Concen: 41.328 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1631775		
153	111.4	89.9	134.9	
152	54.8	44.6	66.8	





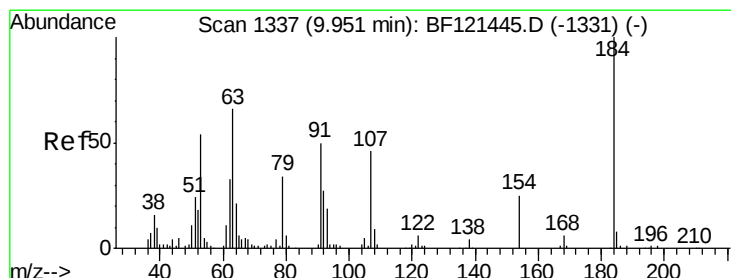
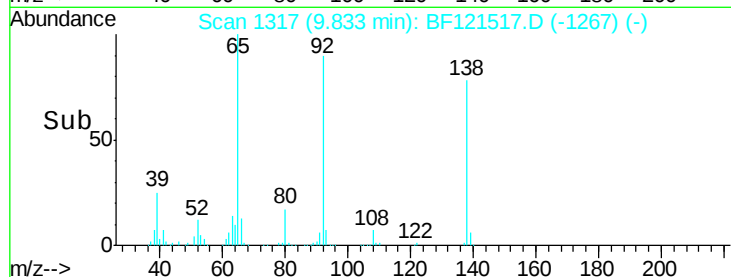
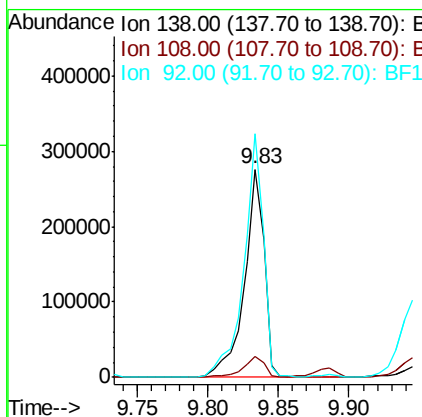
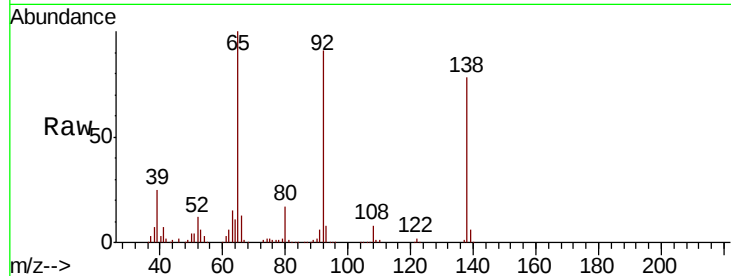
#53
3-Nitroaniline
Concen: 27.173 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Instrument :
BNA_F
ClientSampleId :
PB131374BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.7	13.1
92	117.0	91.1	136.7

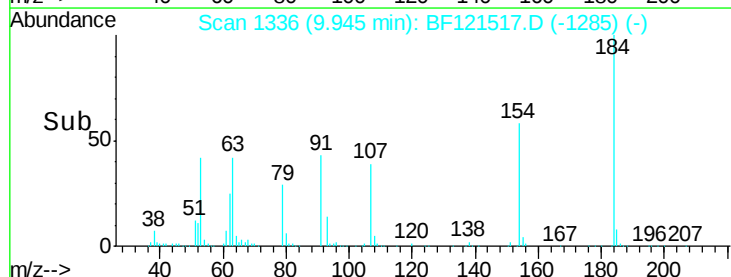
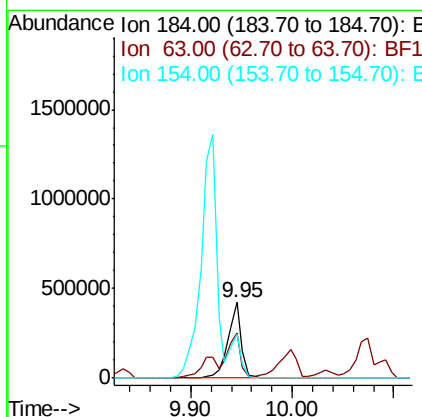
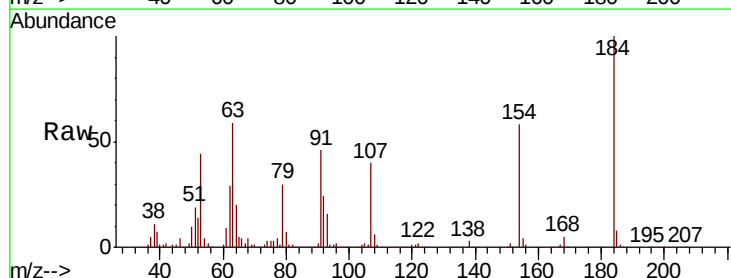
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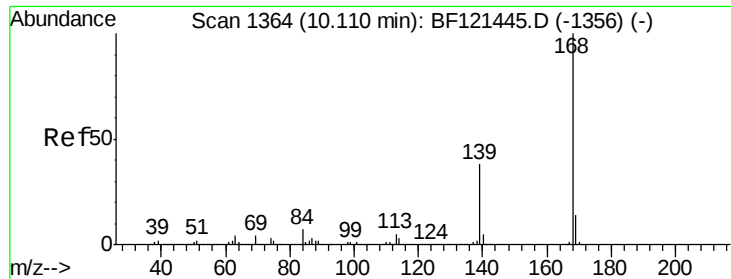
mohammad
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#54
2,4-Dinitrophenol
Concen: 88.686 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.0	41.8	62.8
154	58.3	45.5	68.3





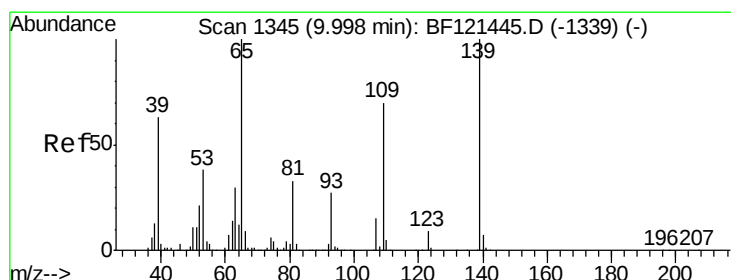
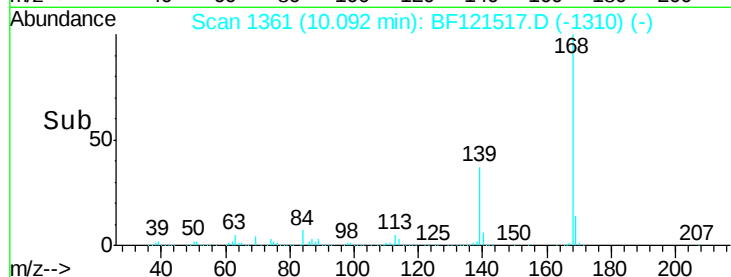
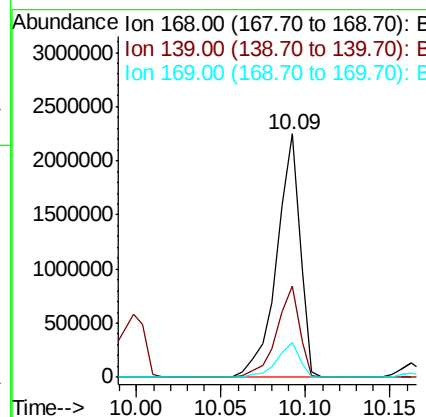
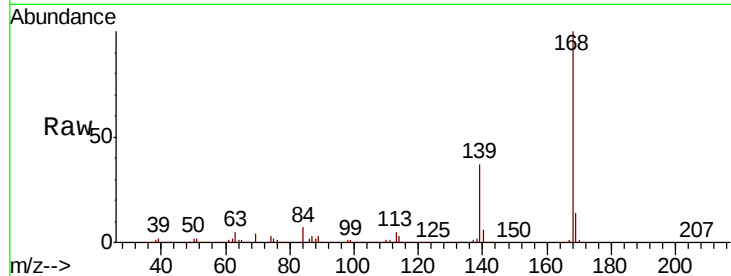
#55
Dibenzofuran
Concen: 37.541 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Instrument :
BNA_F
ClientSampled :
PB131374BS

Tot Ion:168 Resp: 2153159
Ion Ratio Lower Upper
168 100
139 37.4 30.4 45.6
169 14.2 11.5 17.3

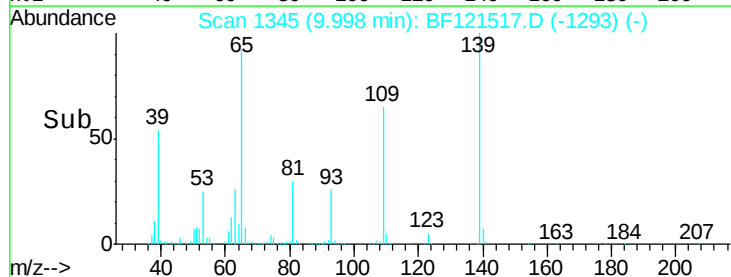
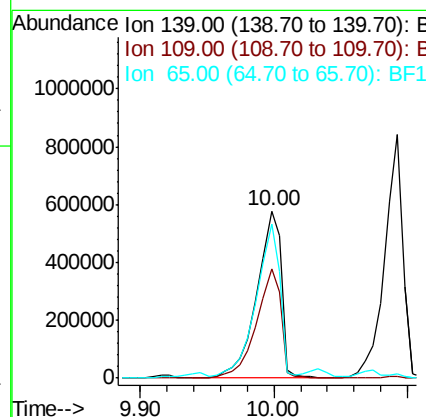
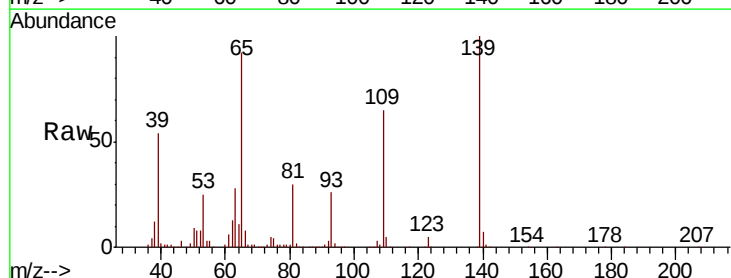
Manual Integrations
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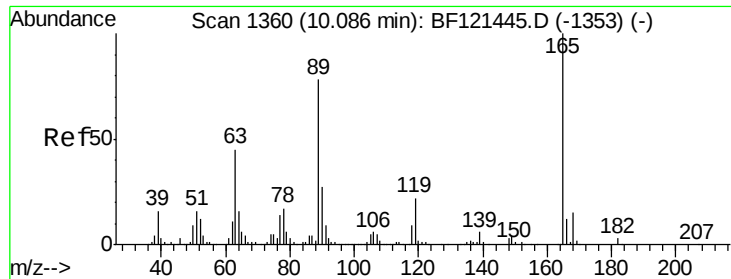
mohammad
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#56
4-Nitrophenol
Concen: 81.278 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion:139 Resp: 725756
Ion Ratio Lower Upper
139 100
109 65.2 44.3 84.3
65 92.5 70.2 110.2





#57

2,4-Dinitrotoluene

Concen: 48.508 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

Tot Ion:165 Resp: 517658
Ion Ratio Lower Upper

165 100

63 41.0 33.6 50.4

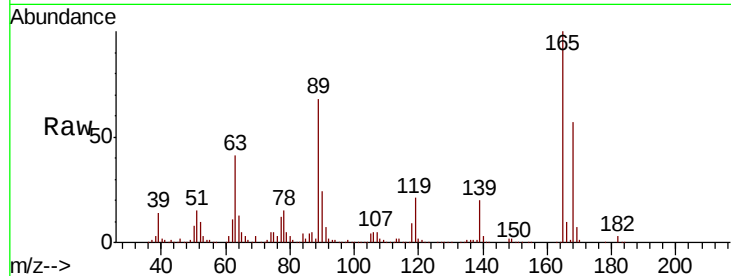
89 67.9 56.4 84.6

182 2.5 2.2 3.4

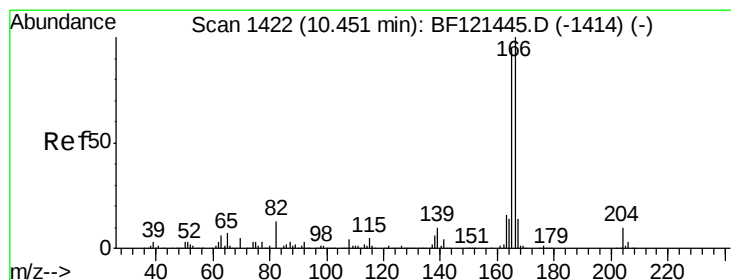
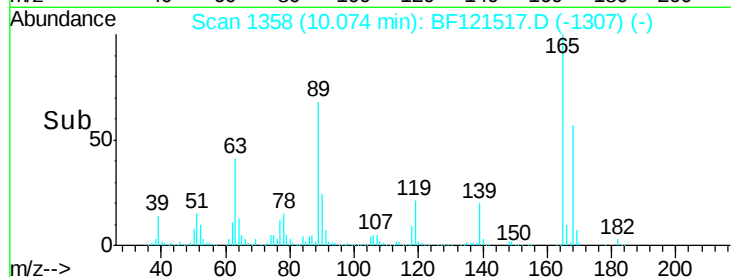
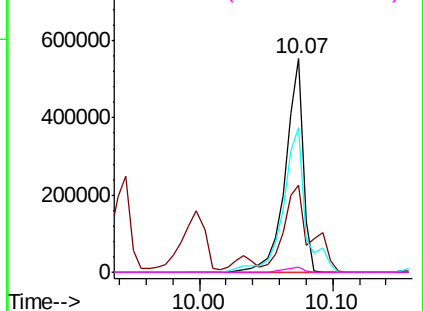
Manual Integrations
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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 38.067 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

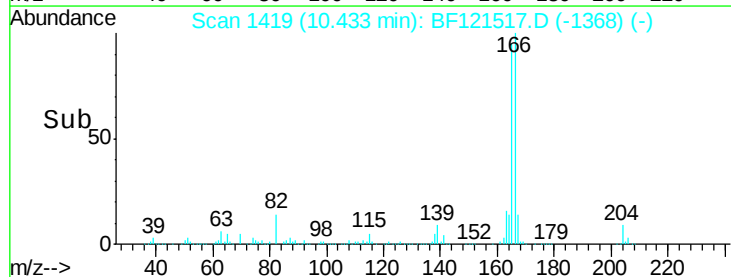
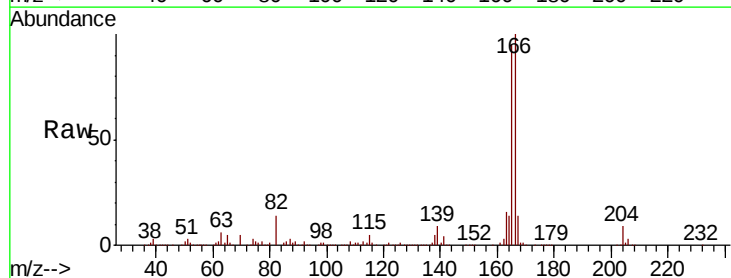
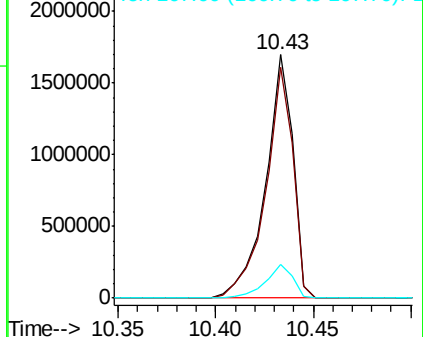
Tgt Ion:166 Resp: 1645852
Ion Ratio Lower Upper

166 100

165 94.7 75.3 112.9

167 13.9 11.1 16.7

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 45.807 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

Tot Ion:232 Resp: 474895

Ion Ratio Lower Upper

232 100

131 42.9 34.4 51.6

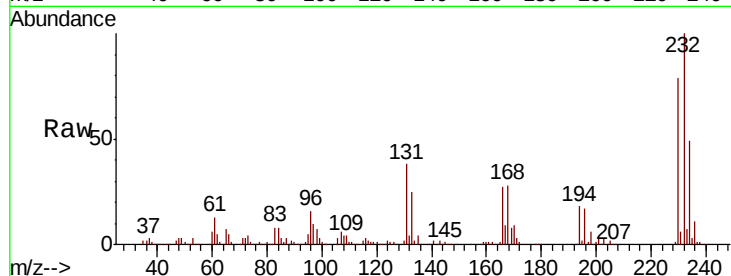
130 2.2 1.8 2.6

166 29.6 23.8 35.6

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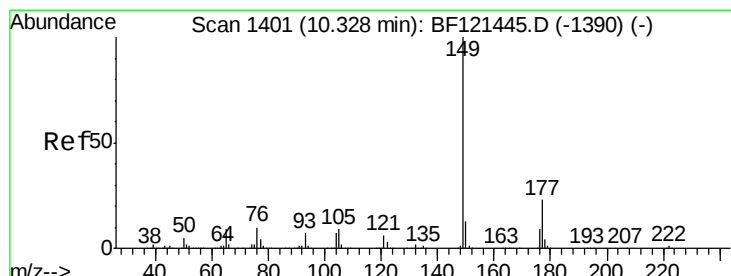
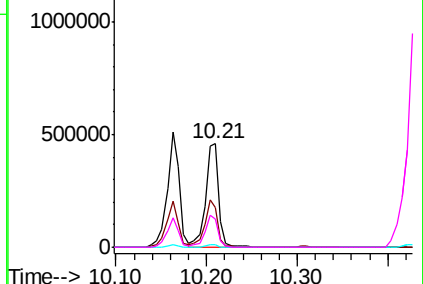
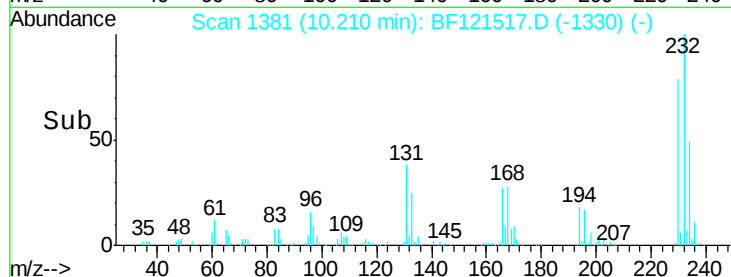


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.618 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

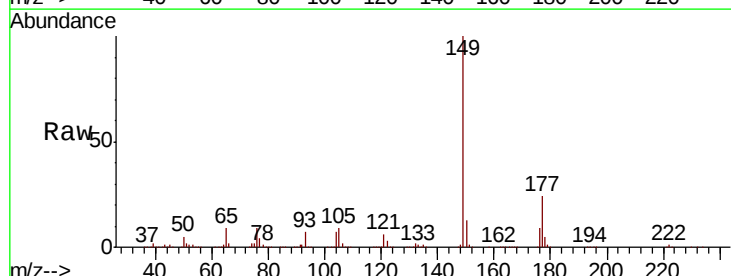
Tgt Ion:149 Resp: 1791234

Ion Ratio Lower Upper

149 100

177 23.6 19.0 28.4

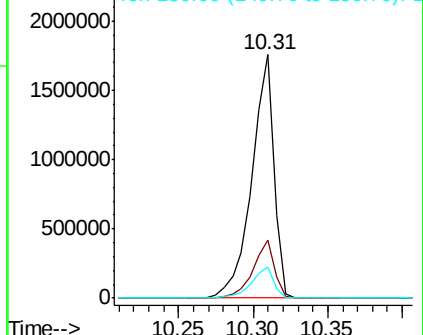
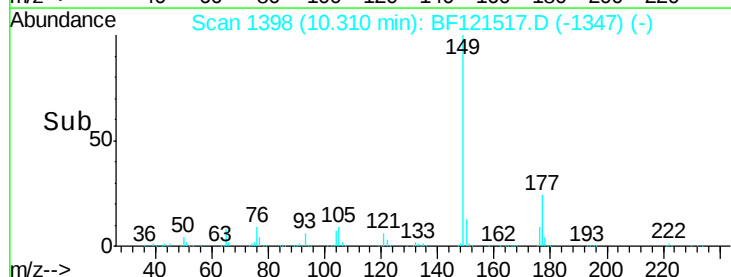
150 13.0 10.3 15.5

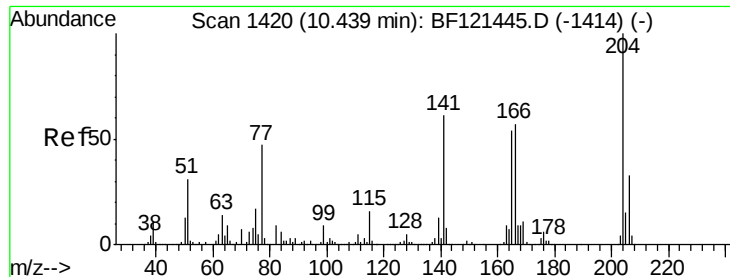


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





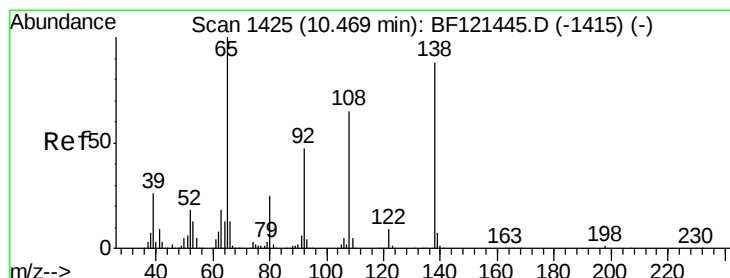
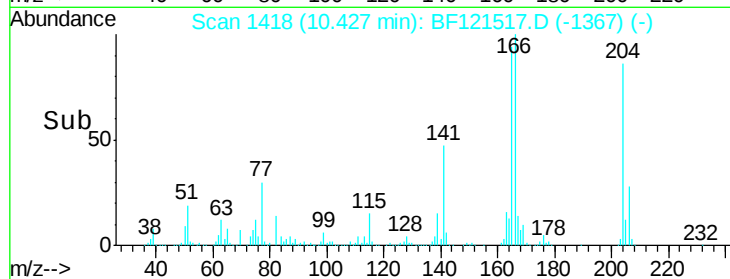
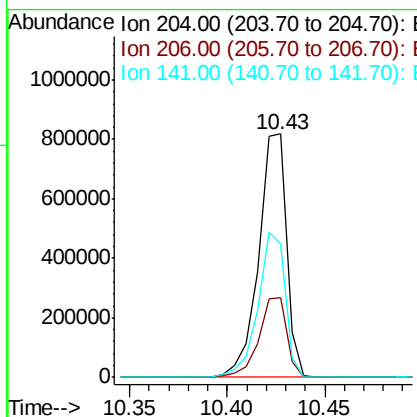
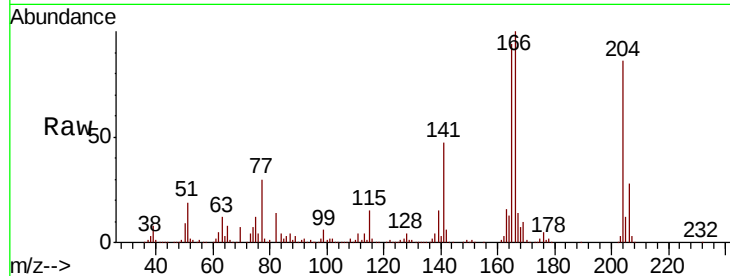
#61
 4-Chlorophenyl-phenylether
 Concen: 37.565 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Instrument :
 BNA_F
 ClientSampled :
 PB131374BS

Tot Ion:	204	Resp:	813778
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.6	40.0
141	54.7	44.4	66.6

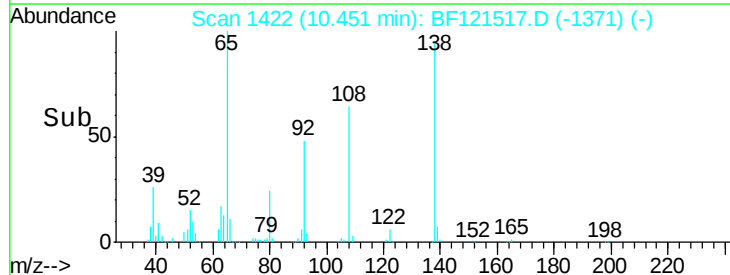
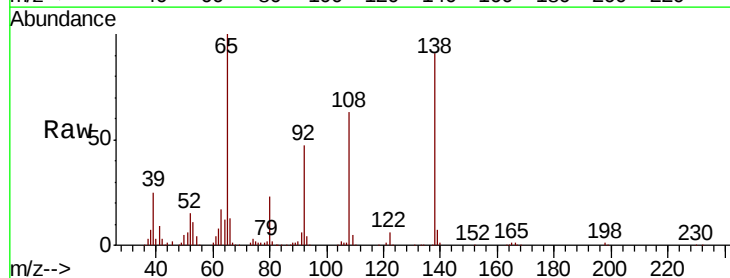
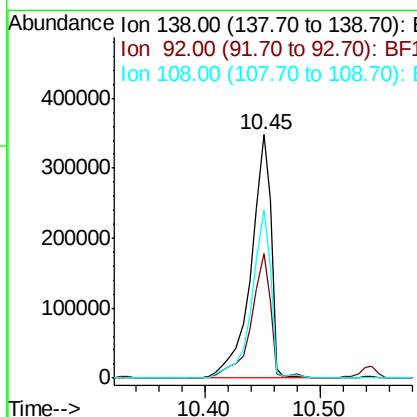
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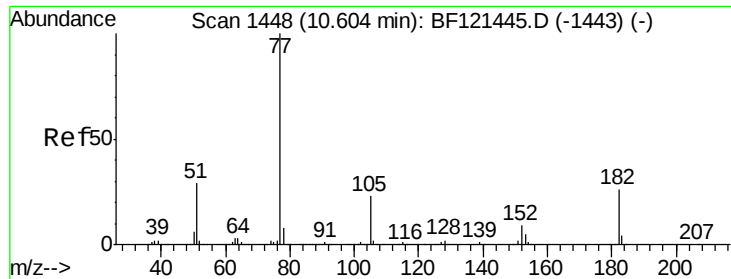
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#62
 4-Nitroaniline
 Concen: 38.056 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion:	138	Resp:	417621
Ion Ratio	Lower	Upper	
138	100		
92	51.1	32.2	72.2
108	69.0	49.1	89.1





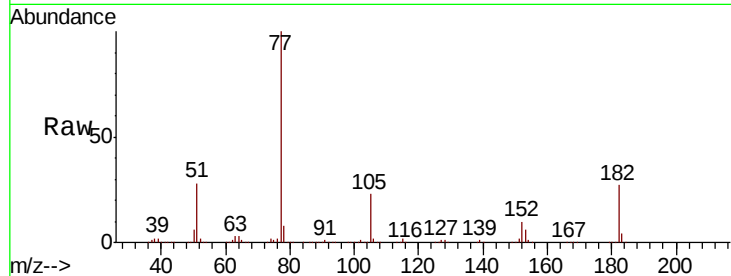
#63
Azobenzene
Concen: 37.084 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Instrument :
BNA_F
ClientSampleId :
PB131374BS

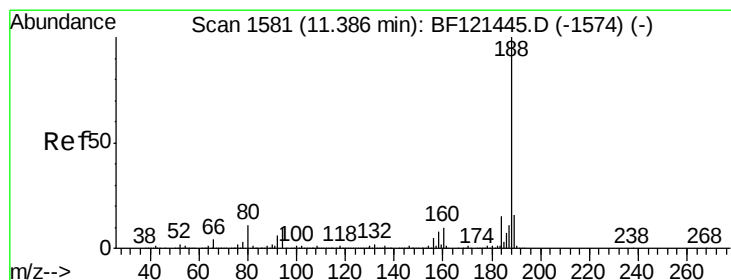
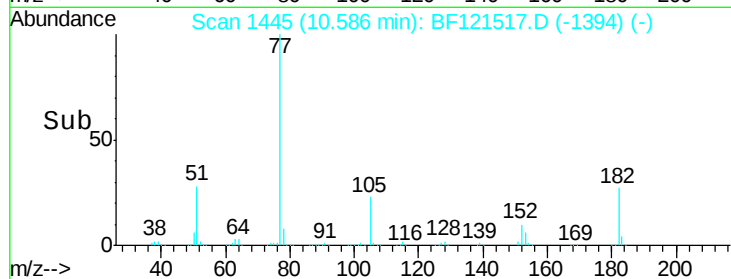
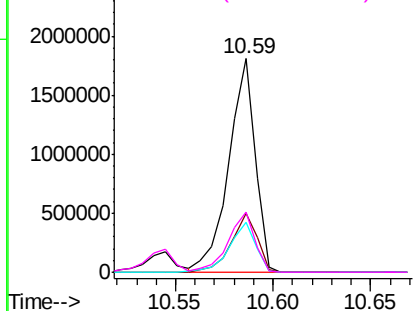
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.3	6.8	46.8	
105	23.4	3.0	43.0	
51	28.5	8.3	48.3	

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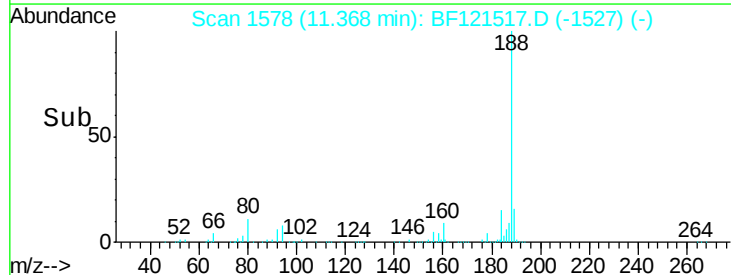
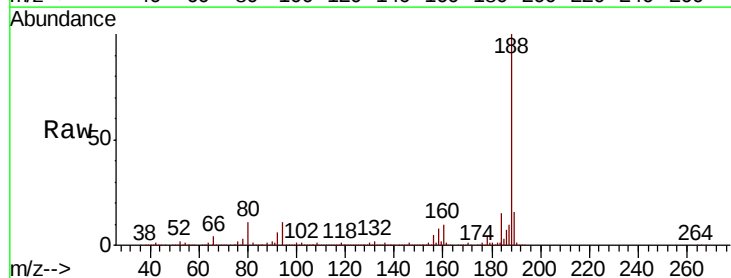
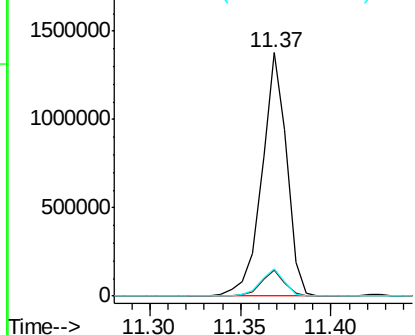
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

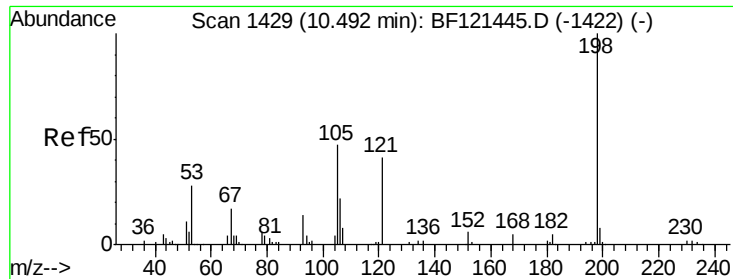


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.5	8.8	13.2	
80	11.0	9.1	13.7	

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





#65

4,6-Dinitro-2-methylphenol

Concen: 60.025 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

Tot Ion:198 Resp: 263481

Ion Ratio Lower Upper

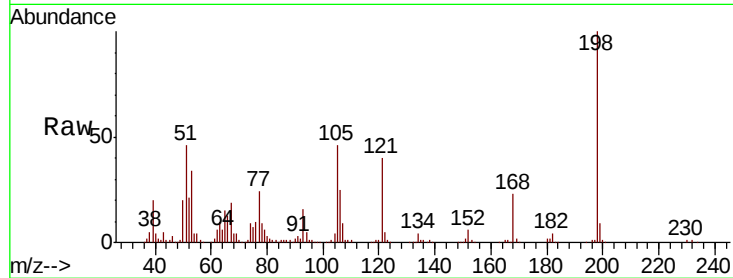
198 100

51 45.5 24.9 64.9

105 46.0 25.8 65.8

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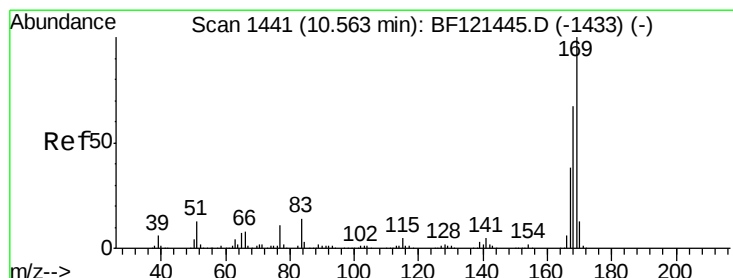
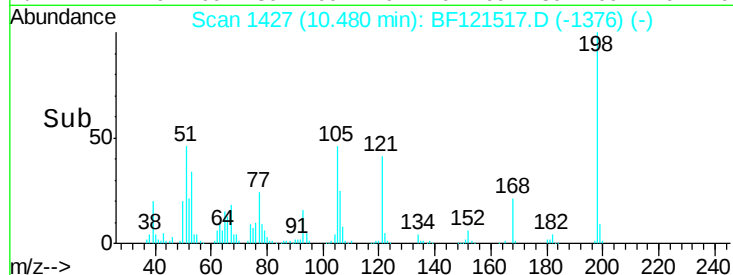
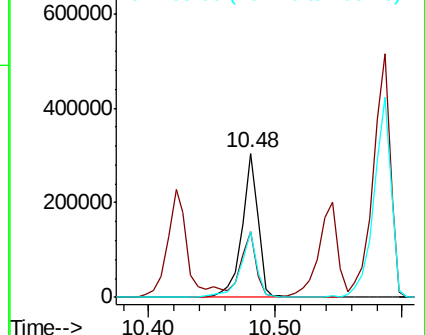
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.180 ng

RT: 10.54 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

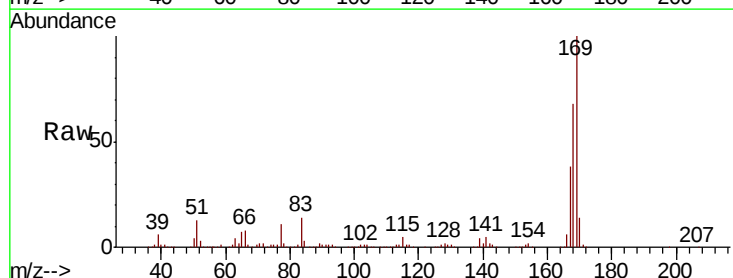
Tgt Ion:169 Resp: 1533370

Ion Ratio Lower Upper

169 100

168 67.7 53.8 80.8

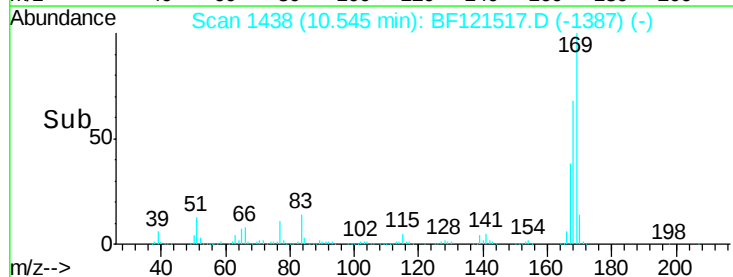
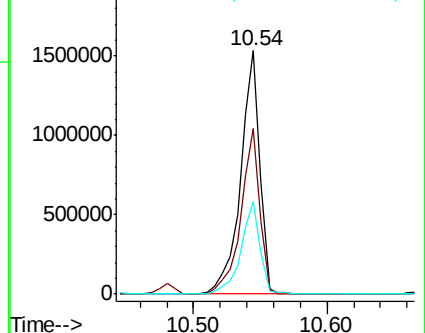
167 38.2 29.8 44.8

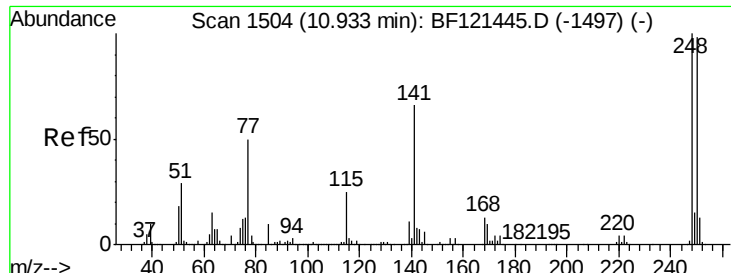


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





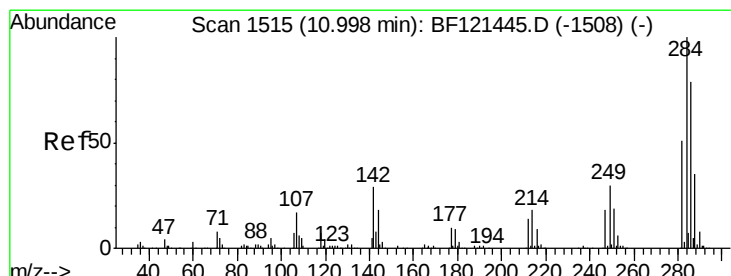
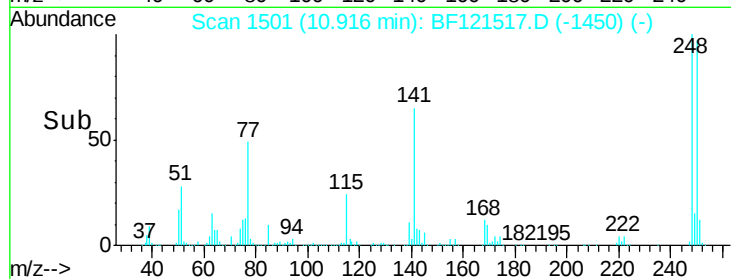
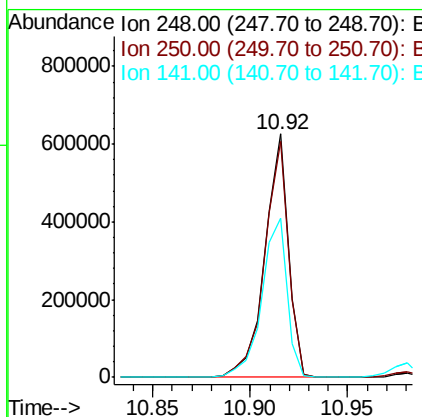
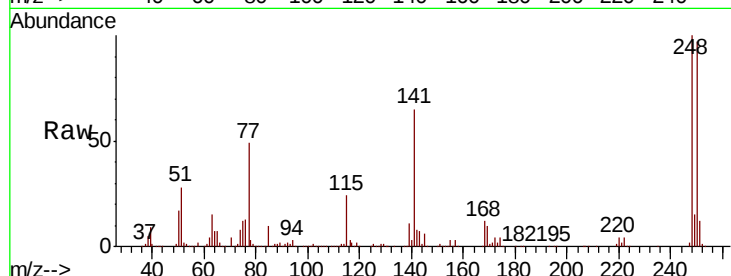
#67
 4-Bromophenyl-phenylether
 Concen: 36.712 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB131374BS

Tot Ion:	248	Resp:	526638
Ion Ratio	Lower	Upper	
248	100		
250	96.9	77.8	116.6
141	65.4	56.4	84.6

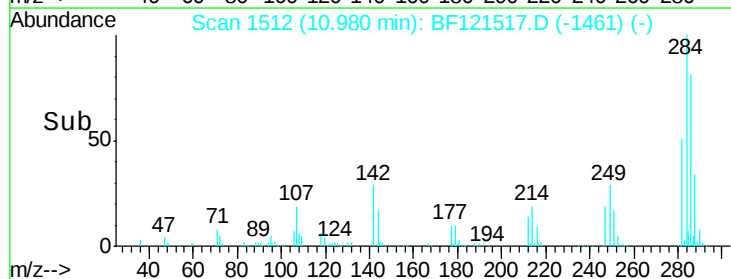
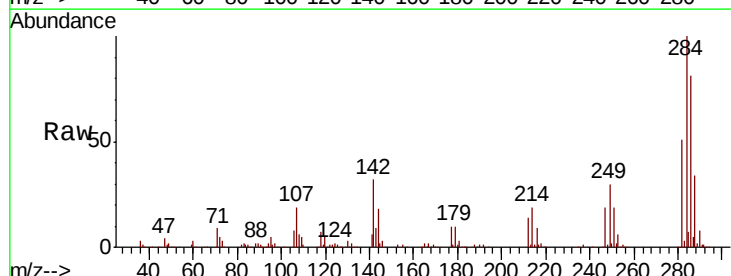
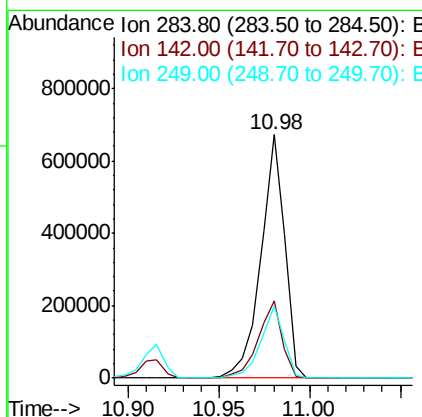
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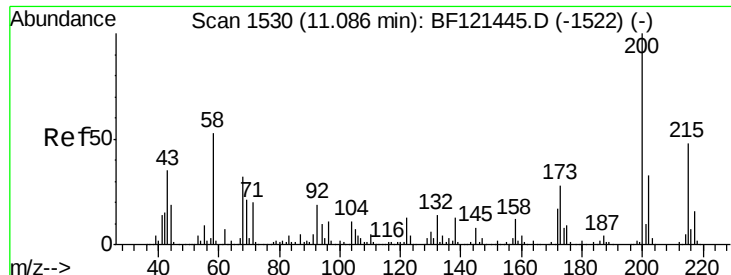
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#68
 Hexachlorobenzene
 Concen: 36.702 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion:	284	Resp:	615660
Ion Ratio	Lower	Upper	
284	100		
142	31.6	26.1	39.1
249	29.8	24.2	36.4





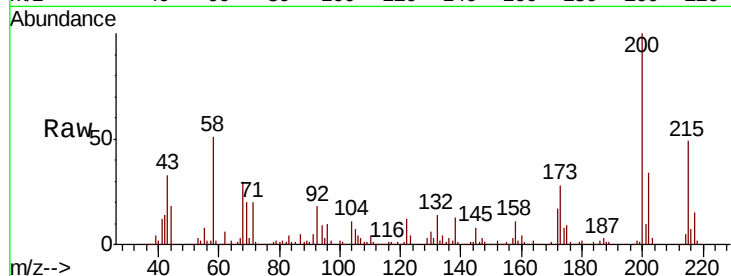
#69
Atrazine
Concen: 32.786 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Instrument :
BNA_F
ClientSampleId :
PB131374BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.2	8.0	48.0
215	48.7	28.1	68.1

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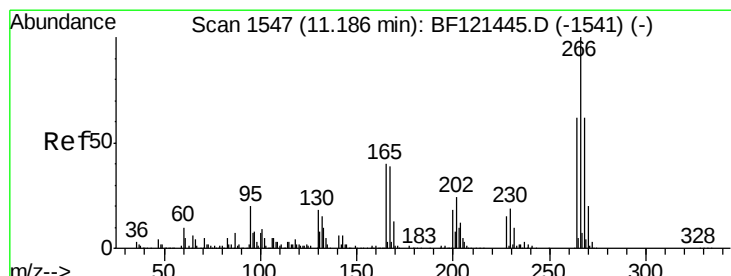
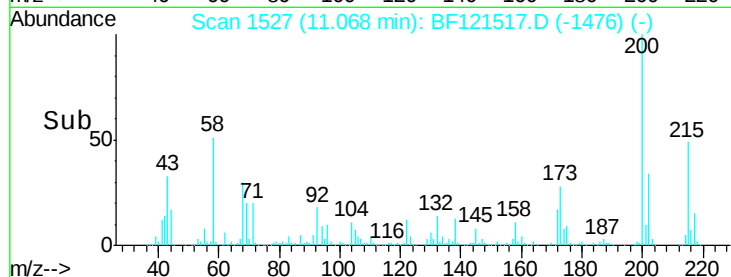
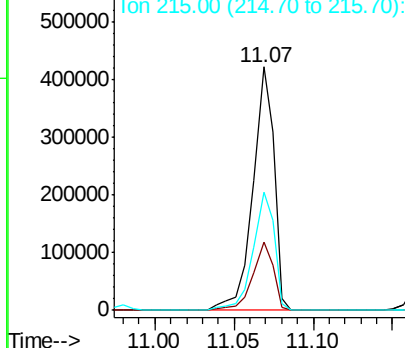


Abundance

Ion 200.00 (199.70 to 200.70): E

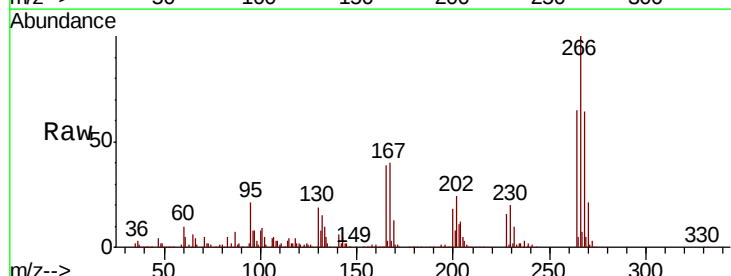
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 92.371 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.1	51.1	76.7
264	65.3	50.1	75.1

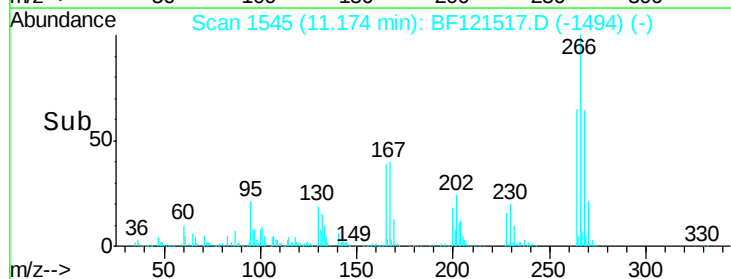
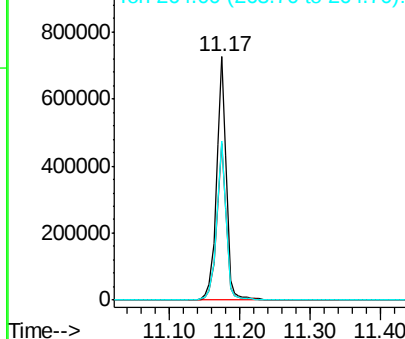


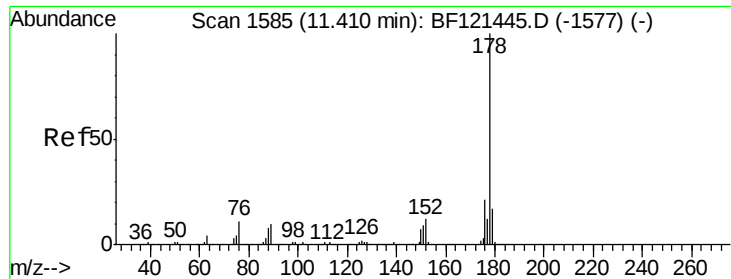
Abundance

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: 35.934 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Instrument :

BNA_F

ClientSampleId :

PB131374BS

Tot Ion:178 Resp: 2404635

Ion Ratio Lower Upper

178 100

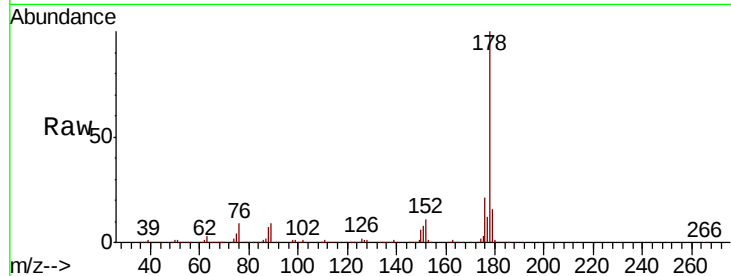
176 21.1 17.0 25.4

179 16.3 13.2 19.8

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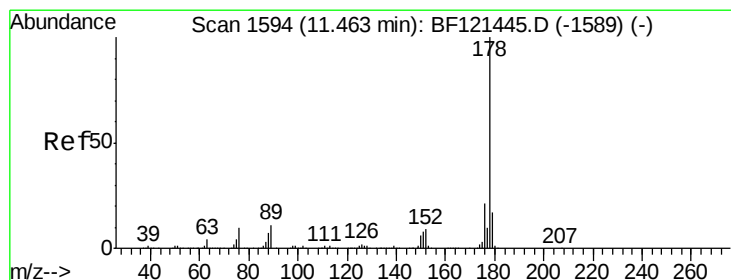
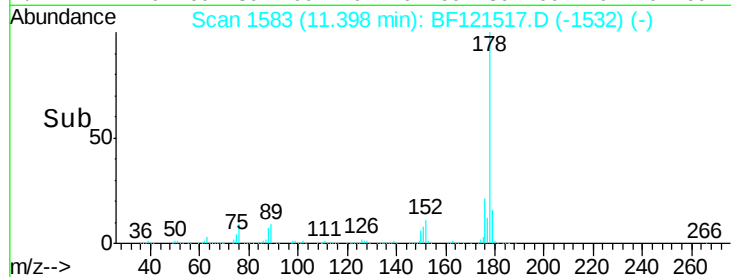
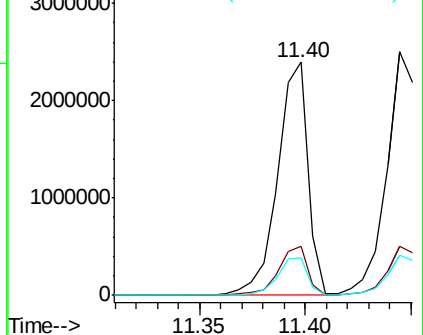
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 37.558 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF121517.D

Acq: 2 Sep 2020 16:48

Tgt Ion:178 Resp: 2471937

Ion Ratio Lower Upper

178 100

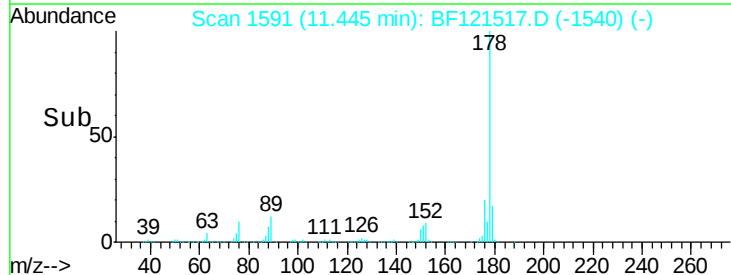
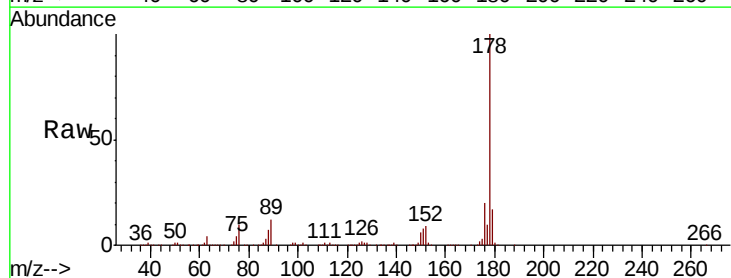
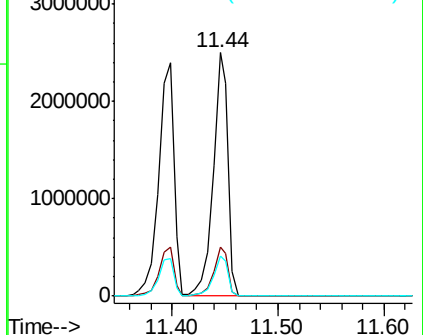
176 20.4 16.2 24.2

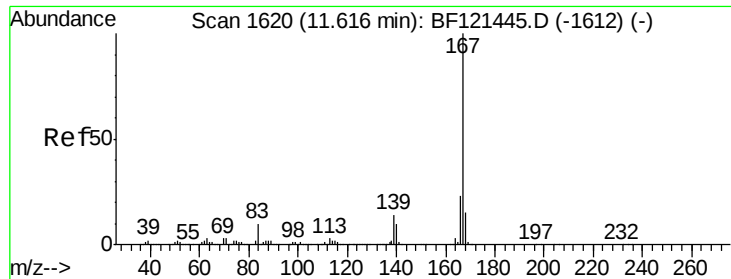
179 16.7 13.4 20.0

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





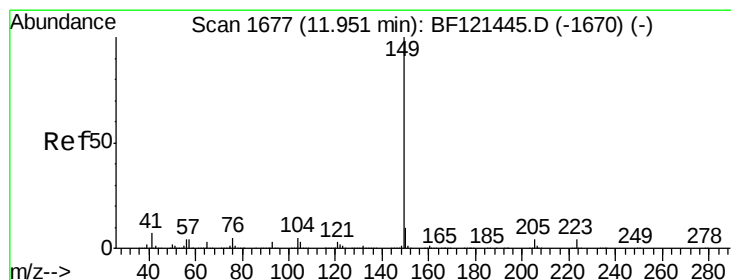
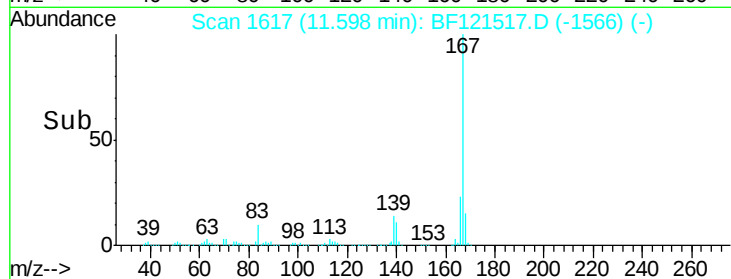
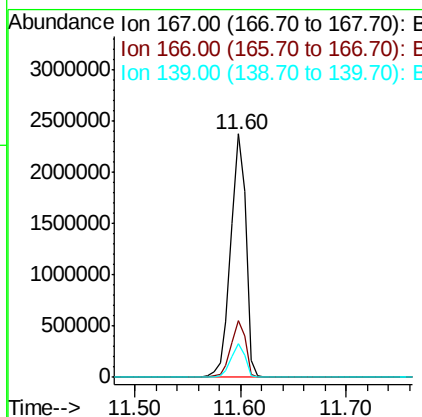
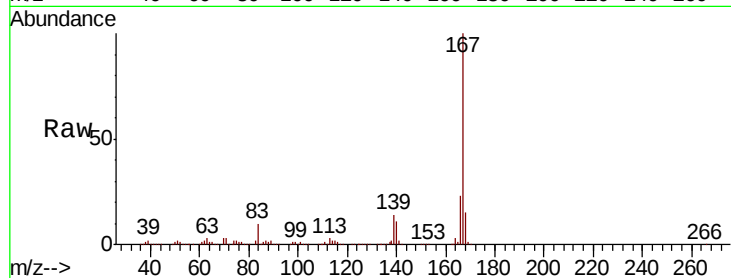
#73
 Carbazole
 Concen: 36.988 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB131374BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.2	27.4
139	13.8	11.0	16.4

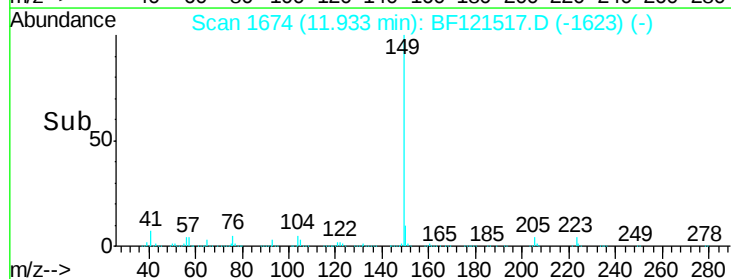
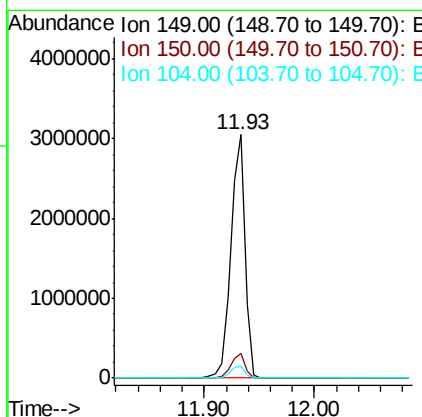
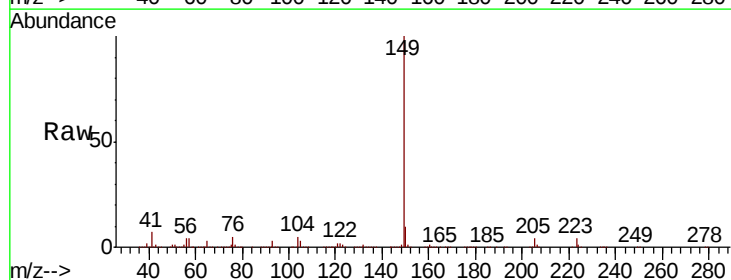
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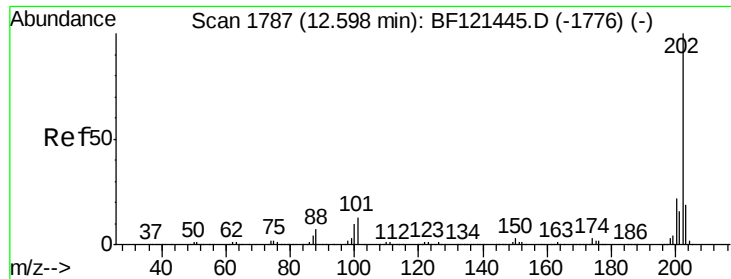
mohammad
 9/3/2020 1:48:03 PM



#74
 Di-n-butylphthalate
 Concen: 38.891 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.0	12.0
104	5.0	4.0	6.0





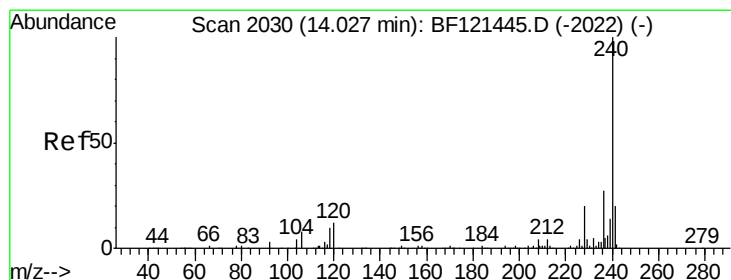
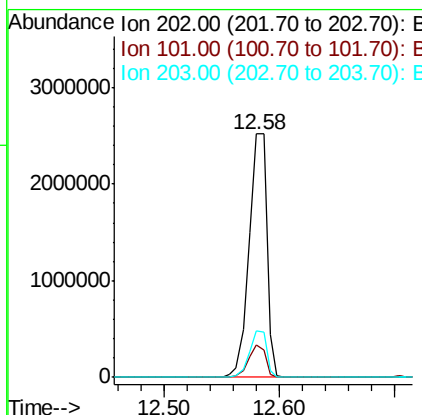
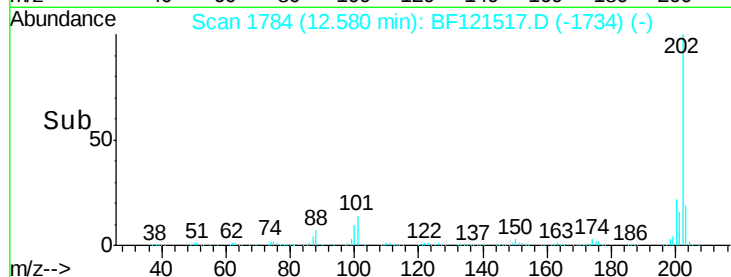
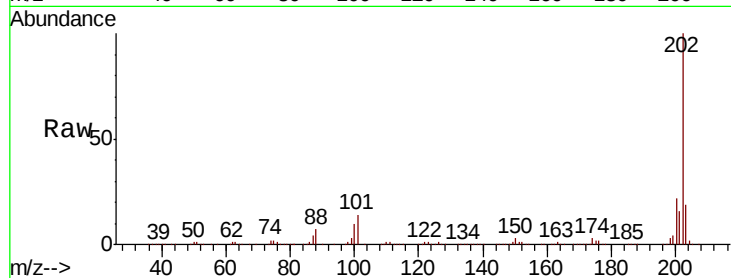
#75
 Fluoranthene
 Concen: 37.484 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB131374BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	31.6
203	19.3	0.0	38.5

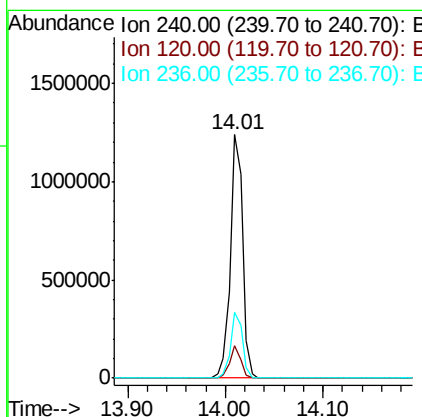
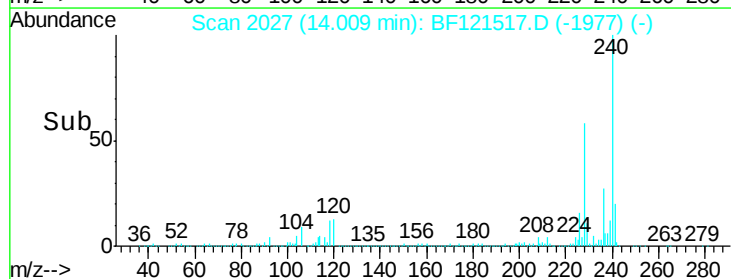
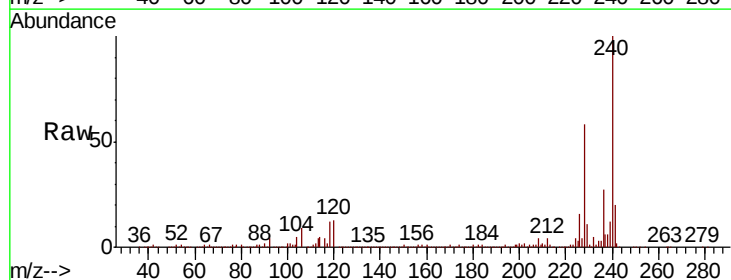
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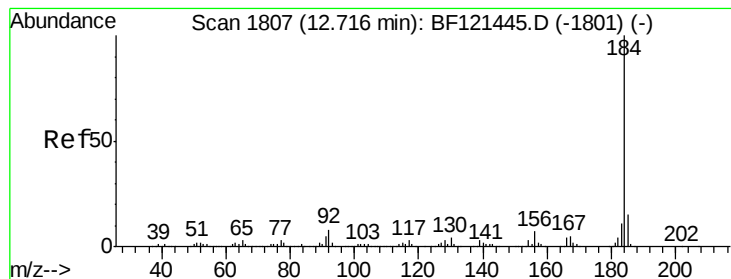
mohammad
 9/3/2020 1:48:03 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.4	8.0	12.0#
236	26.8	21.4	32.2





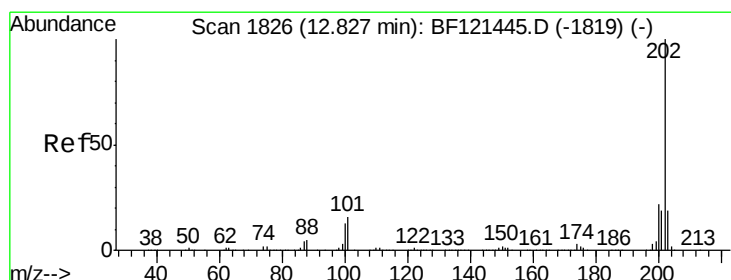
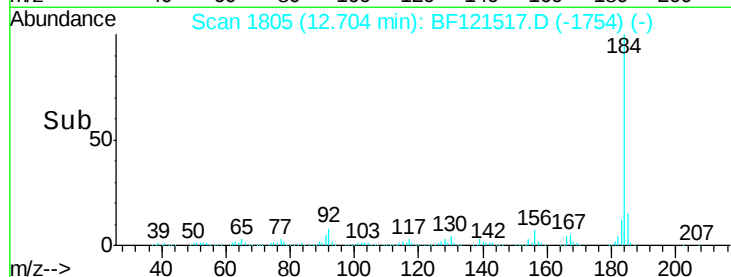
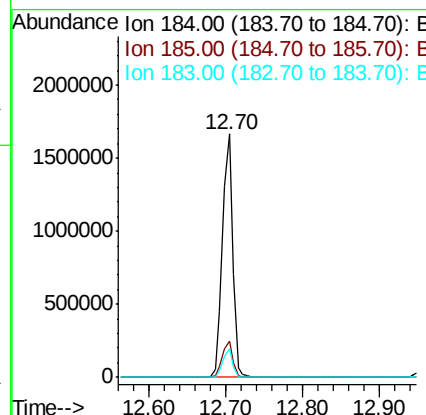
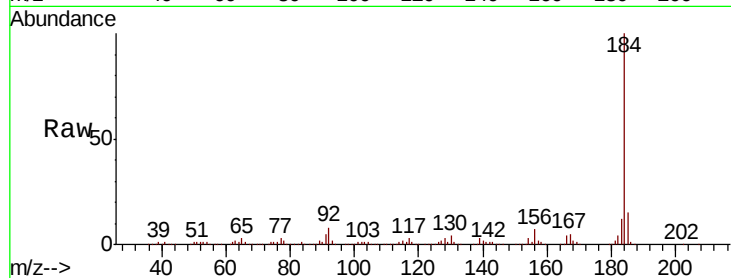
#77
Benzidine
Concen: 64.503 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Instrument :
BNA_F
ClientSampleId :
PB131374BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.5	17.3
183	11.6	9.0	13.6

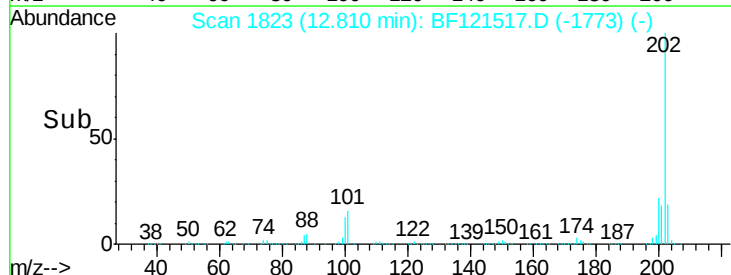
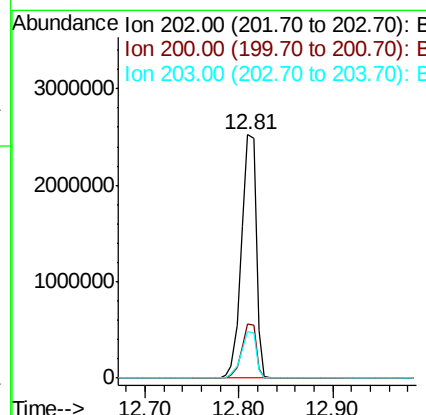
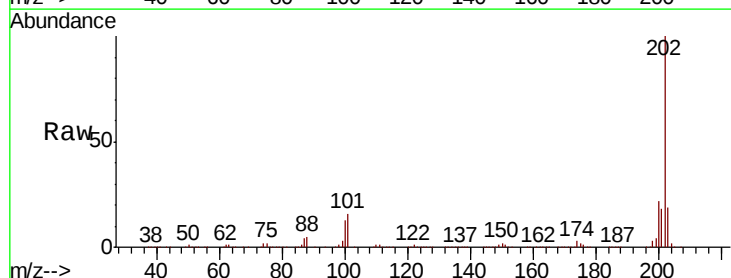
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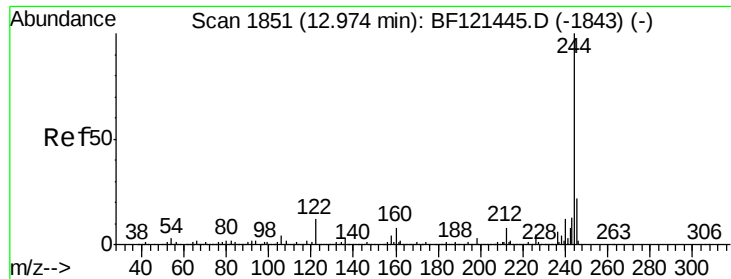
mohammad
9/3/2020 1:48:03 PM



#78
Pyrene
Concen: 35.687 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	19.2	15.0	22.4





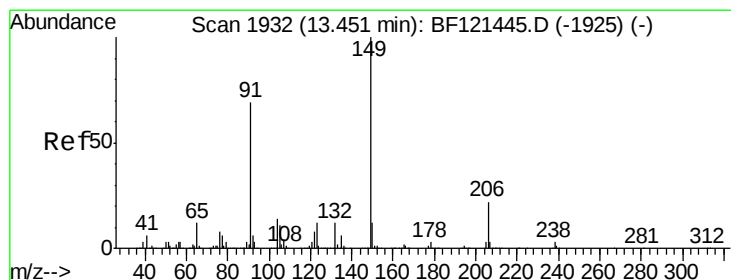
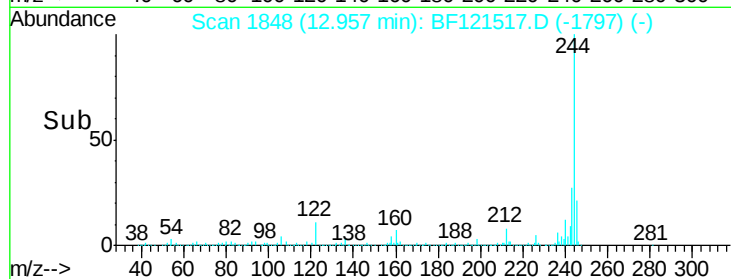
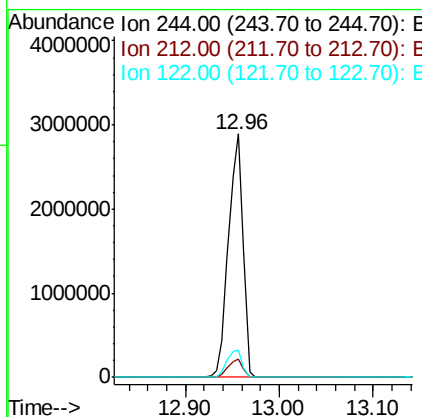
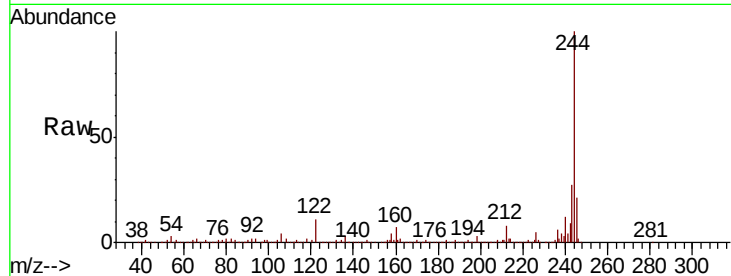
#79
 Terphenyl-d14
 Concen: 60.657 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB131374BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	11.4	9.3	13.9

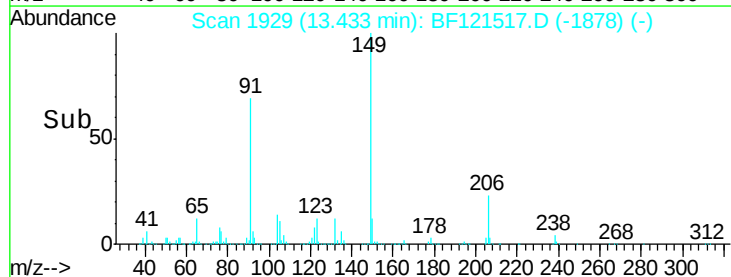
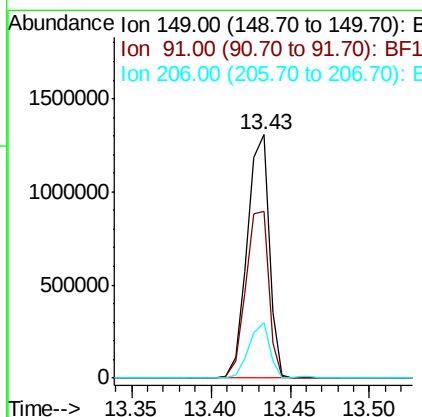
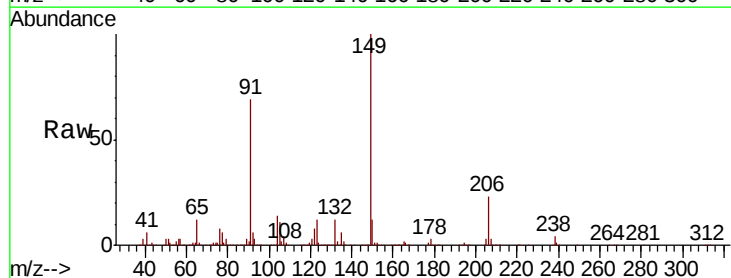
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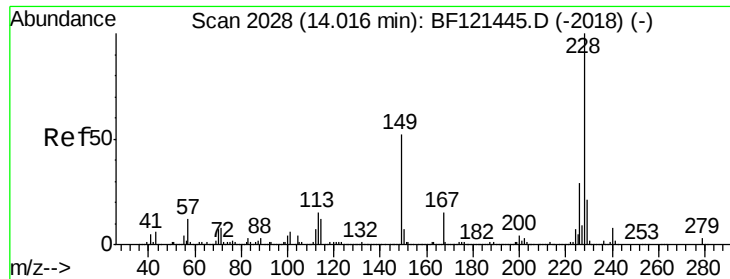
mohammad
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#80
 Butylbenzylphthalate
 Concen: 42.207 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.7	54.9	82.3
206	22.7	18.0	27.0





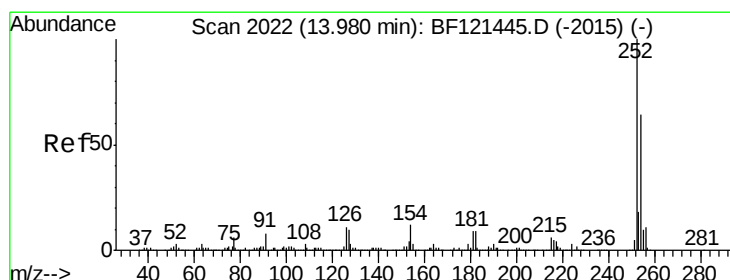
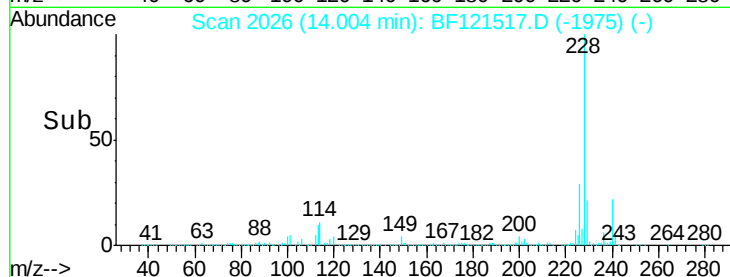
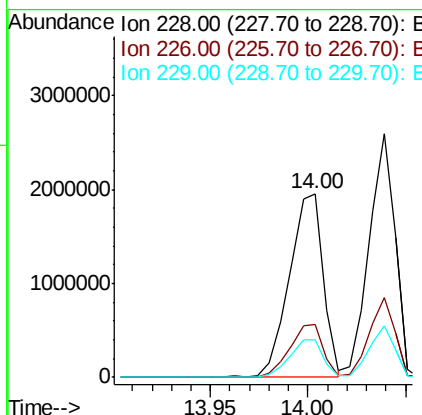
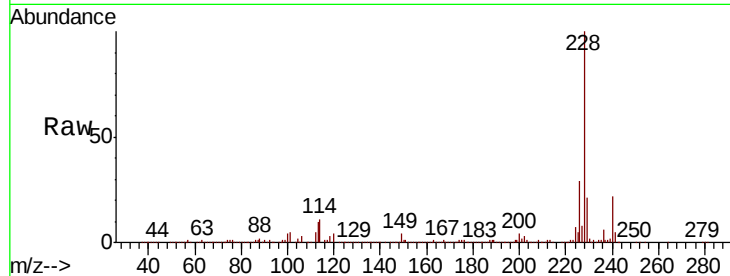
#81
Benzo(a)anthracene
Concen: 35.418 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Instrument :
BNA_F
ClientSampleId :
PB131374BS

Tot Ion:228 Resp: 2342555
Ion Ratio Lower Upper
228 100
226 28.9 23.3 34.9
229 20.5 16.4 24.6

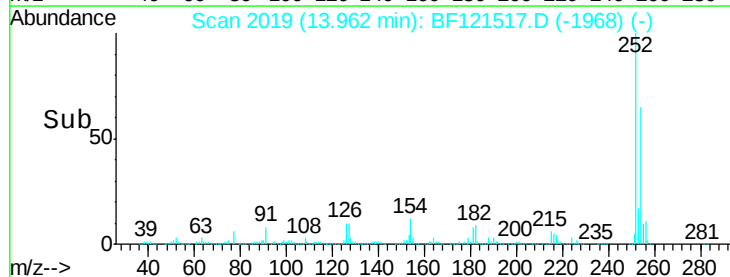
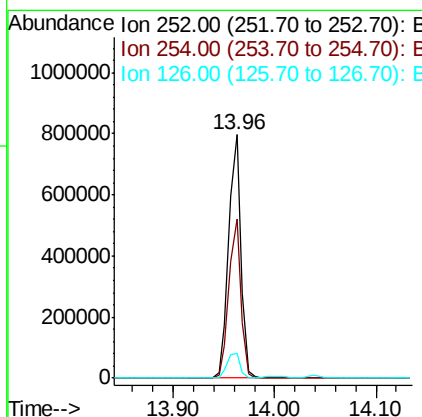
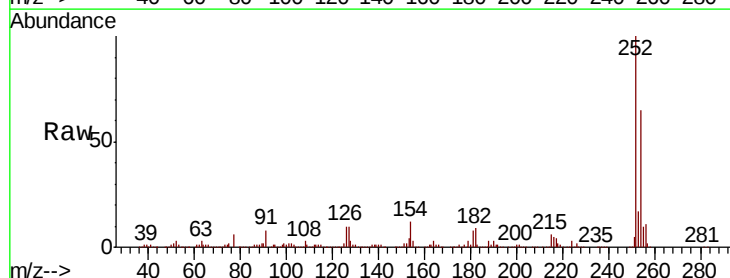
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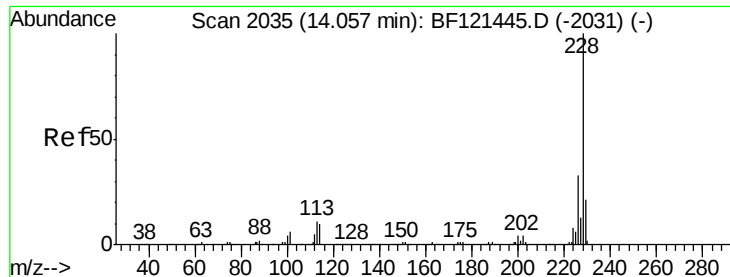
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 27.649 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion:252 Resp: 669816
Ion Ratio Lower Upper
252 100
254 65.5 50.8 76.2
126 10.4 9.3 13.9





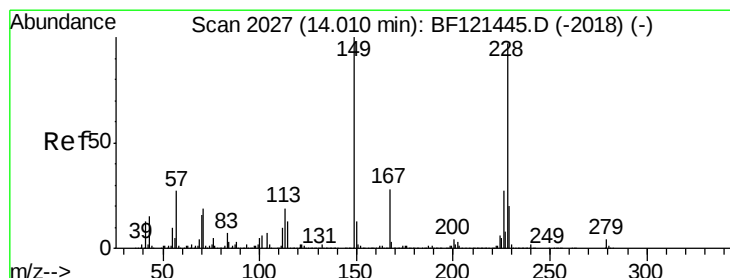
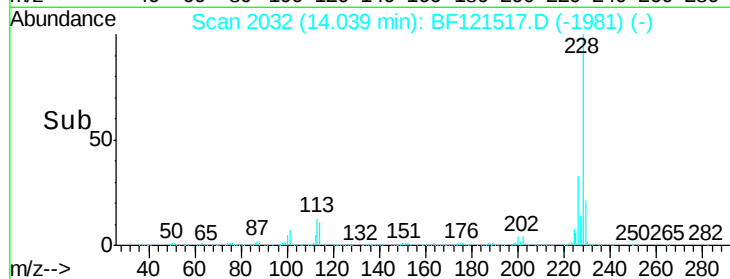
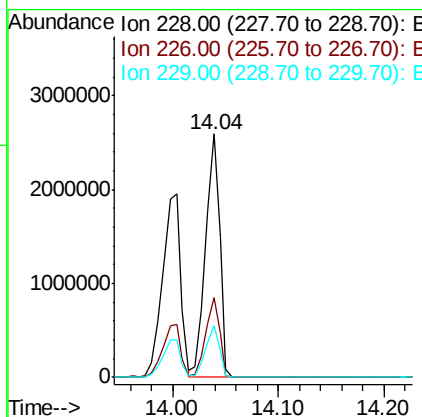
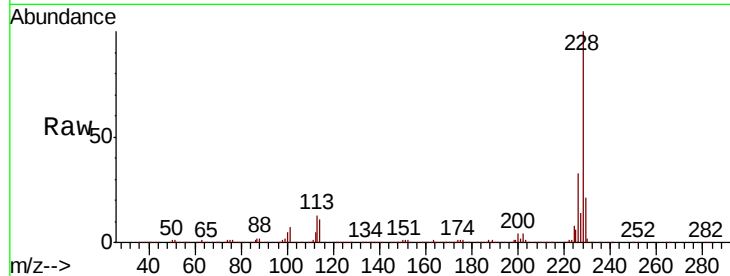
#83
 Chrvsene
 Concen: 36.311 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB131374BS

Tot Ion:228 Resp: 2402703
 Ion Ratio Lower Upper
 228 100
 226 32.9 26.5 39.7
 229 21.3 17.1 25.7

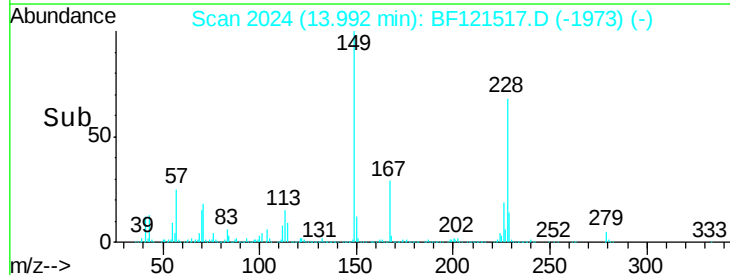
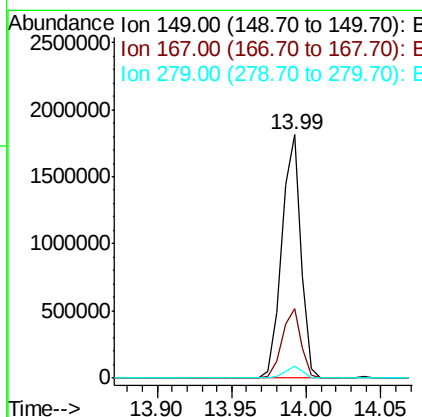
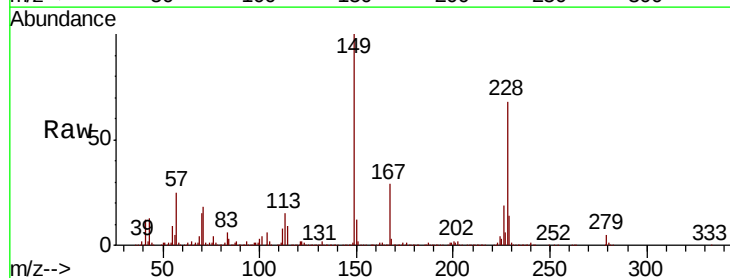
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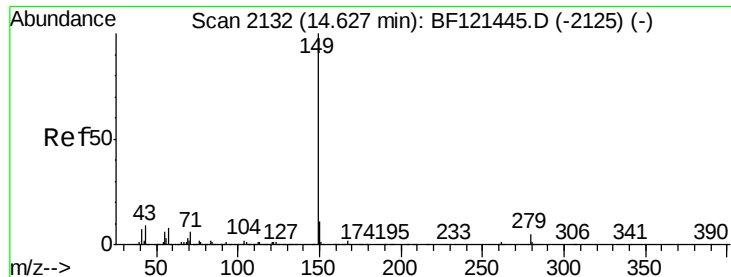
mohammad
 9/3/2020 1:48:03 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.591 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Tgt Ion:149 Resp: 1639794
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.9 34.3
 279 5.0 4.0 6.0





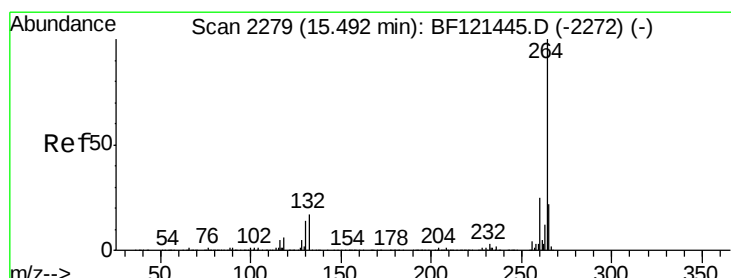
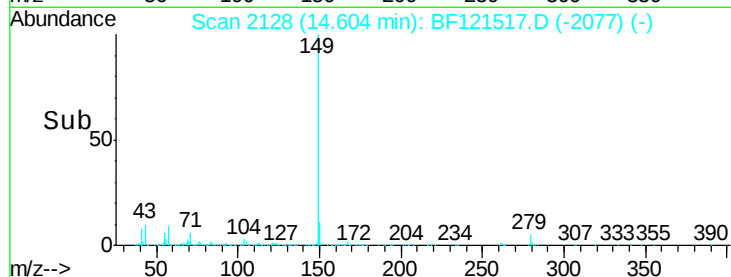
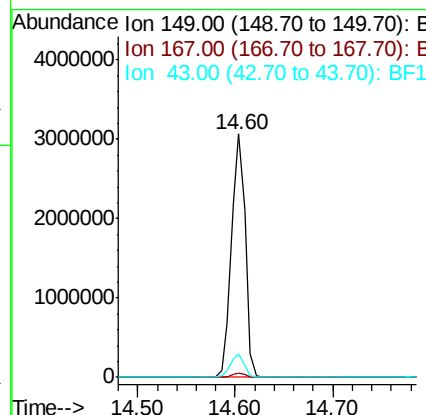
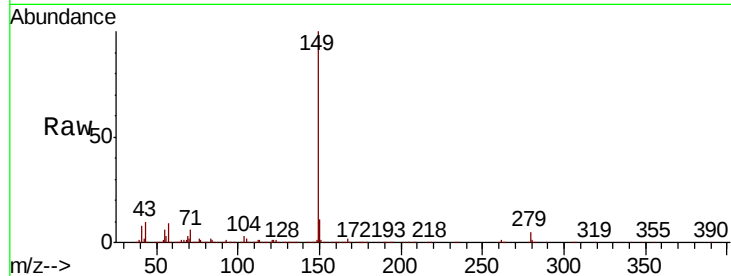
#85
Di-n-octyl phthalate
Concen: 46.021 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Instrument :
BNA_F
ClientSampleId :
PB131374BS

Tot Ion:149 Resp: 3002749
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.6 7.8 11.6

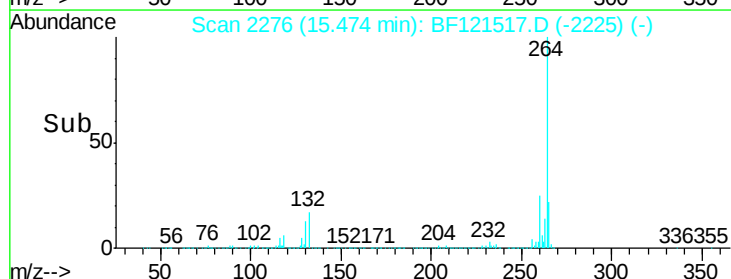
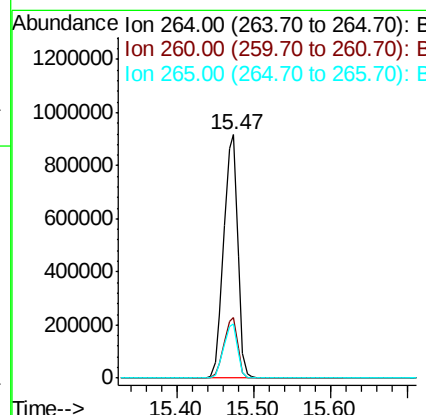
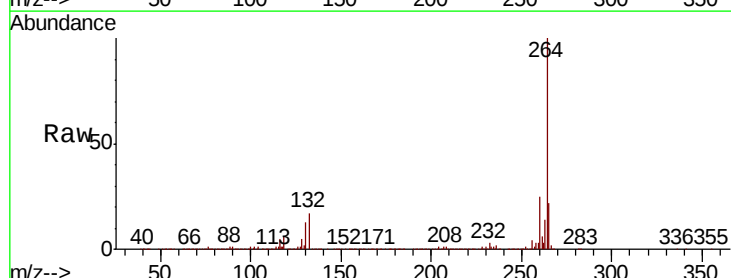
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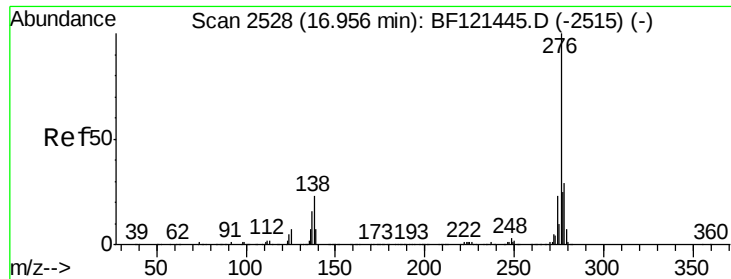
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion:264 Resp: 1149444
Ion Ratio Lower Upper
264 100
260 24.8 19.7 29.5
265 22.3 17.4 26.2





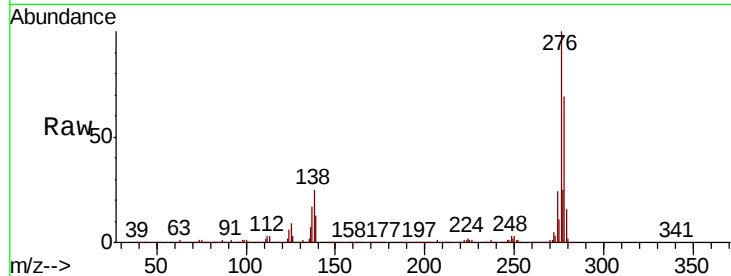
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.069 ng
 RT: 16.94 min Scan# 2525
 Delta R.T. 0.01 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

Instrument :
 BNA_F
 ClientSampleId :
 PB131374BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.7	31.1
277	25.3	20.4	30.6

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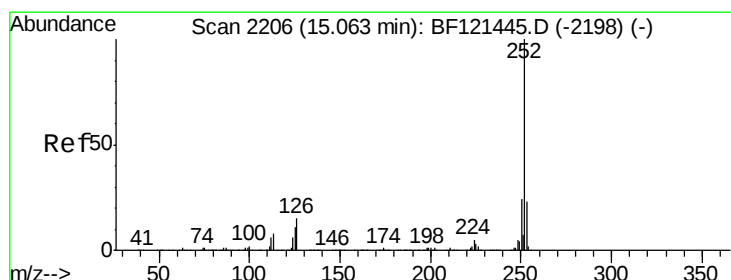
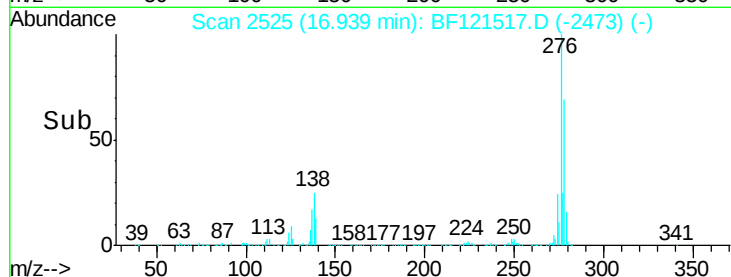
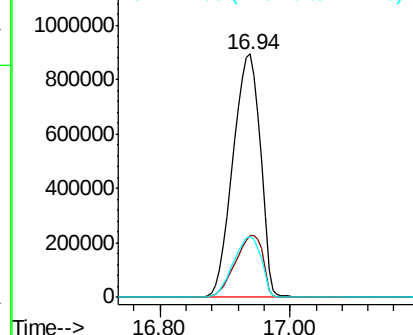


Abundance

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



#88
 Benzo(b)fluoranthene
 Concen: 36.031 ng
 RT: 15.05 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BF121517.D
 Acq: 2 Sep 2020 16:48

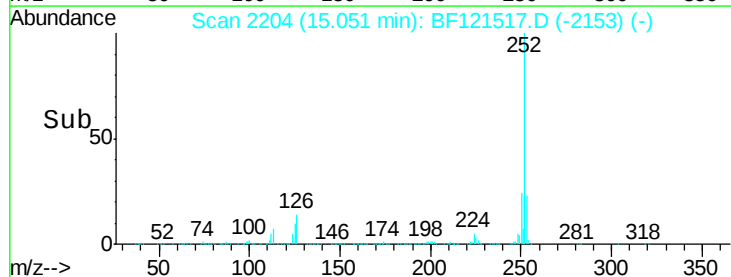
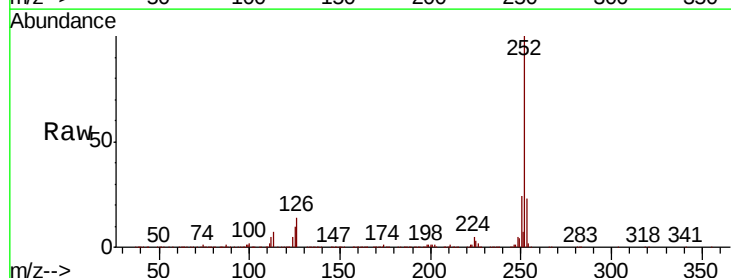
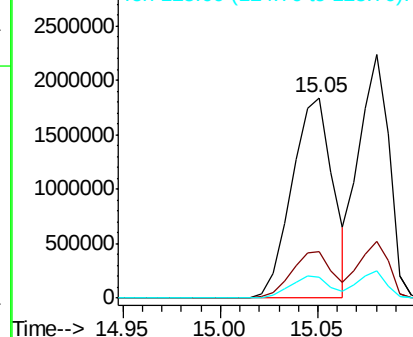
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.3	27.5
125	10.2	8.2	12.2

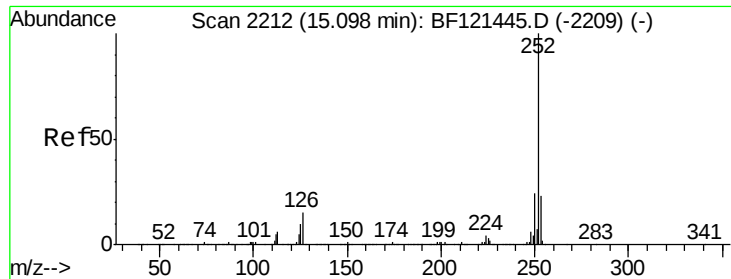
Abundance

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





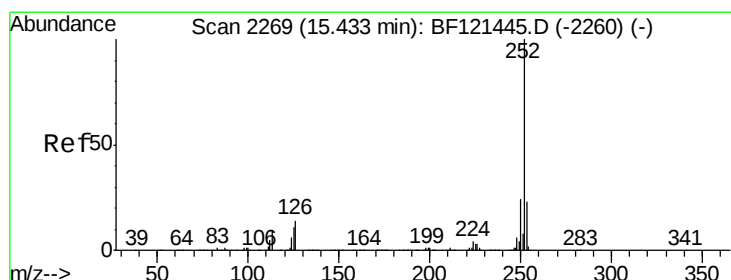
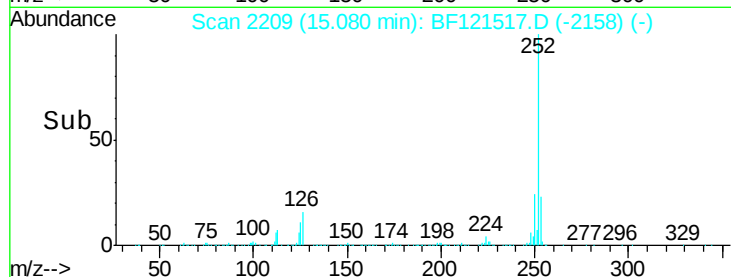
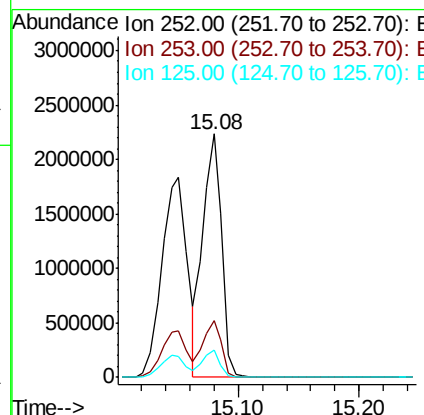
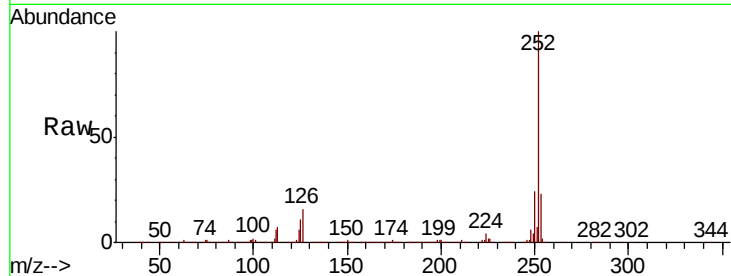
#89
Benzo(k)fluoranthene
Concen: 34.545 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Instrument :
BNA_F
ClientSampleId :
PB131374BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.3	27.5
125	11.2	8.6	13.0

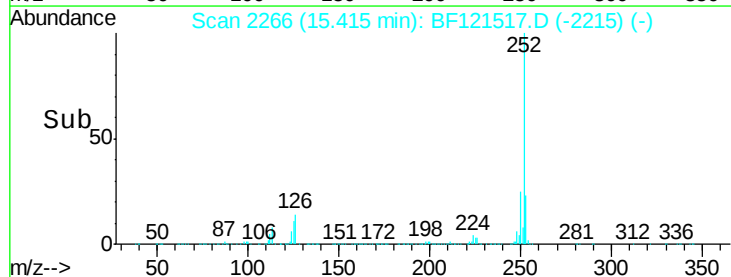
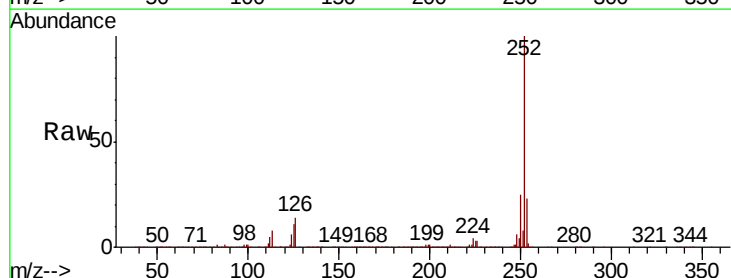
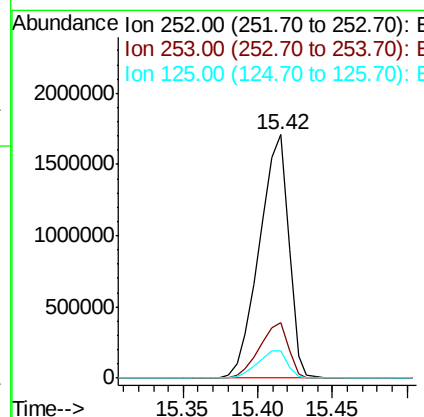
Manual Integrations
APPROVED

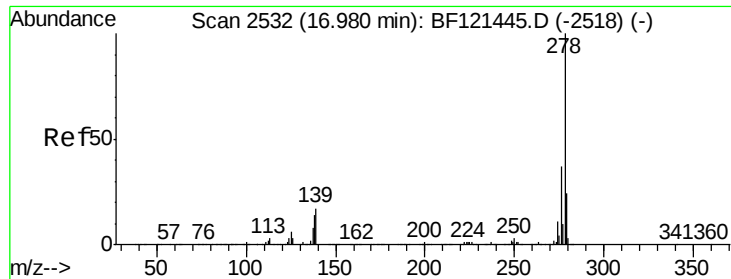
mohammad
9/3/2020 1:48:03 PM



#90
Benzo(a)pyrene
Concen: 34.399 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	11.3	8.8	13.2





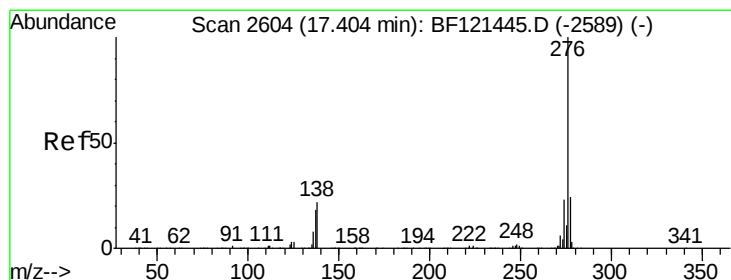
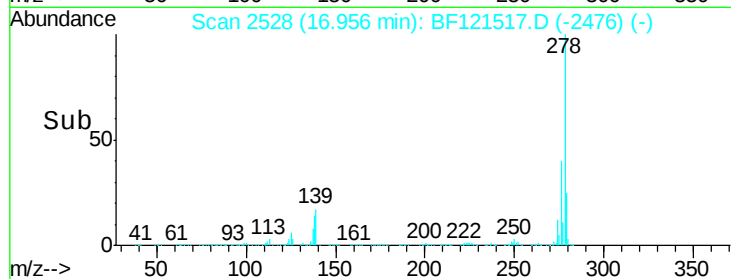
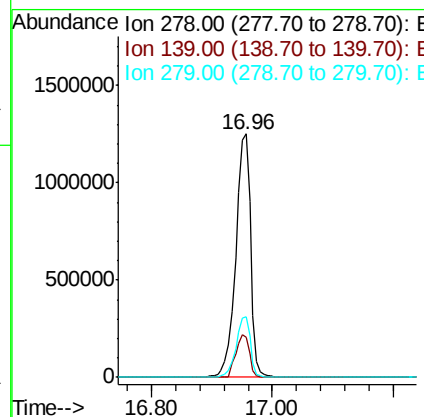
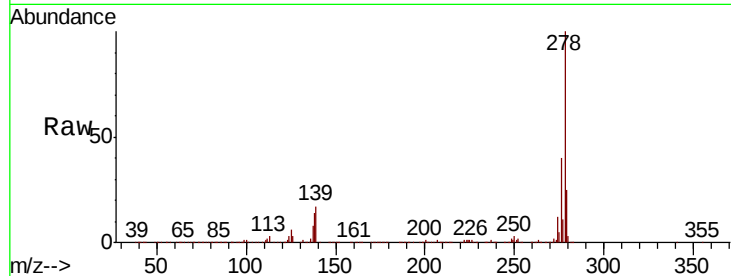
#91
Dibenzo(a,h)anthracene
Concen: 37.137 ng
RT: 16.96 min Scan# 2528
Delta R.T. 0.01 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Instrument :
BNA_F
ClientSampleId :
PB131374BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.0	21.0
279	24.9	19.5	29.3

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 38.132 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.00 min
Lab File: BF121517.D
Acq: 2 Sep 2020 16:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.3	28.9
138	22.5	17.8	26.6

