

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
 Data File : BF119715.D
 Acq On : 3 Apr 2020 13:26
 Operator : MA/SJ
 Sample : PB127977BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127977BS

Manual Integrations
 APPROVED

mohammad
 4/6/2020 1:38:42 PM

Quant Time: Apr 03 14:21:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 11:59:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	213012	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	833128	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	423756	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	817550	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	616078	20.00	ng	-0.02
87) Perylene-d12	15.43	264	617762	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	1531762	114.47	ng	0.01
7) Phenol-d6	6.44	99	1969498	115.22	ng	0.00
23) Nitrobenzene-d5	7.37	82	1188826	77.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	569126	130.18	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	2252090	78.73	ng	-0.01
79) Terphenyl-d14	12.93	244	2611946	83.06	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.63	88	206710	31.278	ng	96
3) Pyridine	3.35	79	572174	31.427	ng	90
4) n-Nitrosodimethylamine	3.30	42	304213	34.263	ng	90
6) Aniline	6.46	93	715017	30.309	ng	99
8) 2-Chlorophenol	6.59	128	621060	44.192	ng	100
9) Benzaldehyde	6.35	77	345507	31.863	ng	99
10) Phenol	6.45	94	785552	43.070	ng	98
11) bis(2-Chloroethyl)ether	6.54	93	590671	40.492	ng	99
12) 1,3-Dichlorobenzene	6.75	146	620624	40.802	ng	99
13) 1,4-Dichlorobenzene	6.82	146	631891	41.533	ng	99
14) 1,2-Dichlorobenzene	6.97	146	587549	41.316	ng	99
15) Benzyl Alcohol	6.95	79	504637	39.247	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1020987	34.700	ng	99
17) 2-Methylphenol	7.06	107	506694	39.350	ng	98
18) Hexachloroethane	7.32	117	232836	41.760	ng	96
19) n-Nitroso-di-n-propylamine	7.22	70	408914	39.689	ng	95
20) 3+4-Methylphenols	7.22	107	611498	38.750	ng	# 76
22) Acetophenone	7.22	105	792290	39.799	ng	# 90
24) Nitrobenzene	7.39	77	636363	38.844	ng	99
25) Isophorone	7.63	82	1148669	36.939	ng	99
26) 2-Nitrophenol	7.70	139	331827	51.443	ng	92
27) 2,4-Dimethylphenol	7.75	122	530122	39.746	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	737070	40.084	ng	99
29) 2,4-Dichlorophenol	7.95	162	508974	41.531	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	542898	40.057	ng	97
31) Naphthalene	8.12	128	1741710	40.624	ng	99
32) Benzoic acid	7.87	122	423548	49.366	ng	91
33) 4-Chloroaniline	8.16	127	446389	22.722	ng	98
34) Hexachlorobutadiene	8.23	225	301380	39.744	ng	99
35) Caprolactam	8.53	113	164786m	41.085	ng	
36) 4-Chloro-3-methylphenol	8.65	107	554049	41.364	ng	98
37) 2-Methylnaphthalene	8.80	142	1181210	41.980	ng	99
38) 1-Methylnaphthalene	8.90	142	1129276	42.402	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	496067	39.939	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	601011	85.114	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	376126	42.316	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	405925	40.767	nq	98
46) 1,1'-Biphenyl	9.27	154	1417391	41.068	nq	98
47) 2-Chloronaphthalene	9.30	162	1095073	40.507	nq	98
48) 2-Nitroaniline	9.39	65	396155	42.455	nq	91
49) Acenaphthylene	9.72	152	1741266	41.016	nq	98
50) Dimethylphthalate	9.57	163	1260170	41.867	nq	100
51) 2,6-Dinitrotoluene	9.63	165	290878	45.086	nq	99
52) Acenaphthene	9.89	154	1212594m	45.817	nq	
53) 3-Nitroaniline	9.80	138	221161	27.153	nq	97
54) 2,4-Dinitrophenol	9.91	184	344414	119.430	nq	96
55) Dibenzofuran	10.06	168	1574452	41.492	nq	99
56) 4-Nitrophenol	9.97	139	530999	82.640	nq	93
57) 2,4-Dinitrotoluene	10.04	165	390165	48.006	nq	91
58) Fluorene	10.40	166	1204715	42.933	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	336719	45.241	nq	98
60) Diethylphthalate	10.27	149	1288740	42.186	nq	100
61) 4-Chlorophenyl-phenylether	10.39	204	567597	41.364	nq	98
62) 4-Nitroaniline	10.42	138	326401	41.789	nq	95
63) Azobenzene	10.55	77	1243883	40.434	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	221862	64.717	nq	89
66) n-Nitrosodiphenylamine	10.51	169	1118399	41.671	nq	100
67) 4-Bromophenyl-phenylether	10.88	248	374622	40.235	nq	99
68) Hexachlorobenzene	10.95	284	413401	43.381	nq	# 89
69) Atrazine	11.04	200	335953	45.659	nq	99
70) Pentachlorophenol	11.15	266	475704	85.135	nq	99
71) Phenanthrene	11.36	178	1791914	42.270	nq	99
72) Anthracene	11.42	178	1824031	42.336	nq	99
73) Carbazole	11.57	167	1734691	40.677	nq	98
74) Di-n-butylphthalate	11.90	149	1998737	43.813	nq	100
75) Fluoranthene	12.55	202	1931820	42.107	nq	100
77) Benzidine	12.67	184	962192	36.904	nq	99
78) Pyrene	12.78	202	1988049	39.320	nq	99
80) Butylbenzylphthalate	13.40	149	870621	42.574	nq	97
81) Benzo(a)anthracene	13.97	228	1624302	40.544	nq	100
82) 3,3'-Dichlorobenzidine	13.93	252	463823	29.363	nq	99
83) Chrysene	14.01	228	1653785	39.998	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1095642	44.945	nq	99
85) Di-n-octyl phthalate	14.57	149	2007276	46.819	nq	97
86) Indeno(1,2,3-cd)pyrene	16.88	276	1580663	40.592	nq	99
88) Benzo(b)fluoranthene	15.02	252	1753340	42.488	nq	100
89) Benzo(k)fluoranthene	15.04	252	1577583	40.148	nq	100
90) Benzo(a)pyrene	15.37	252	1511875	40.314	nq	99
91) Dibenzo(a,h)anthracene	16.90	278	1331798	40.601	nq	100
92) Benzo(g,h,i)perylene	17.32	276	1305155	39.606	nq	97

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

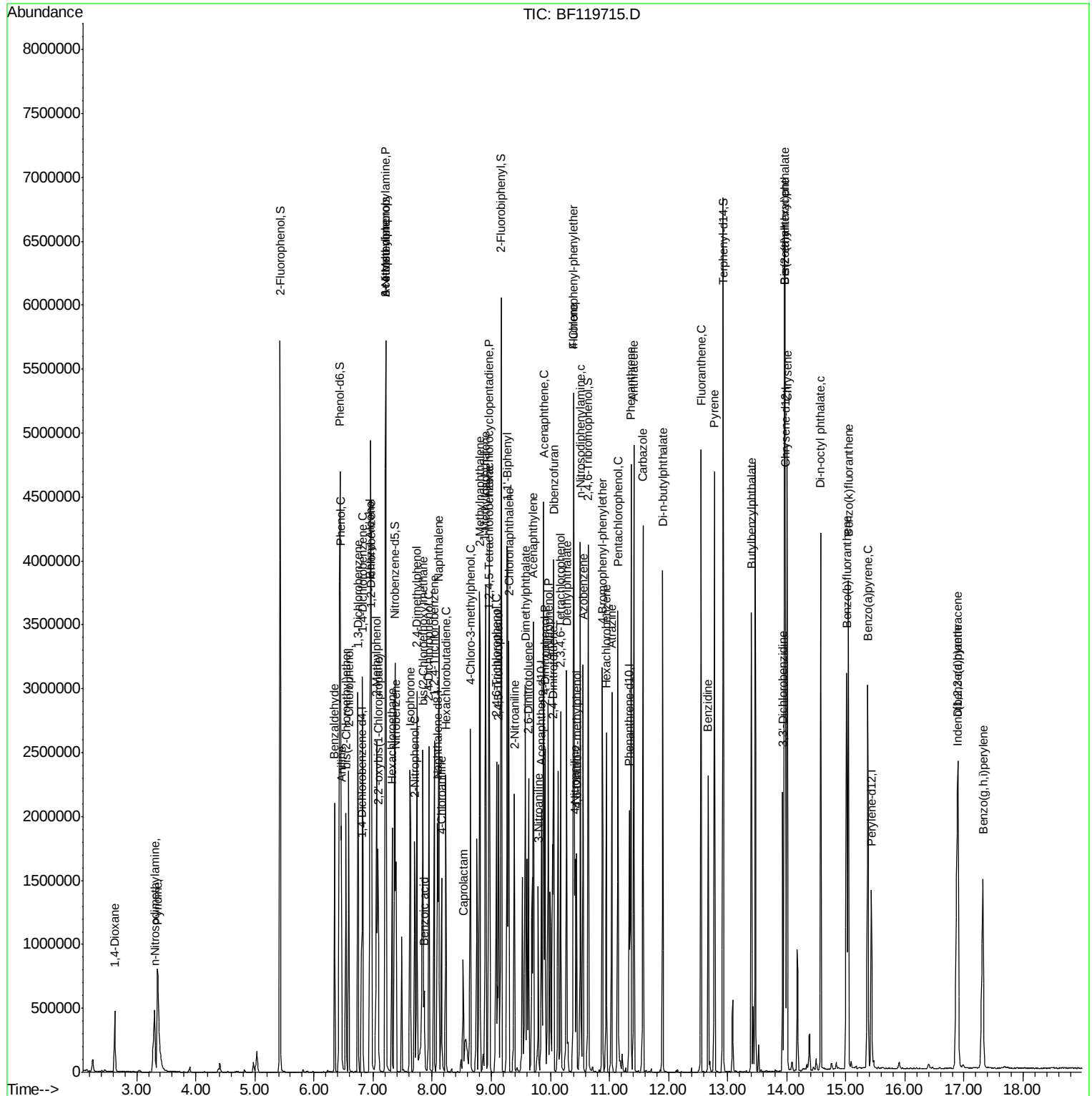
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040320\
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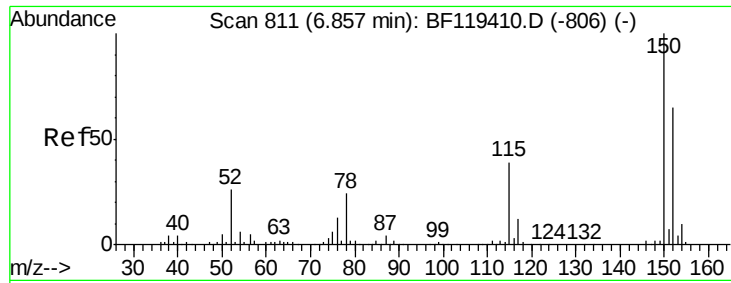
Instrument :
BNA_F
ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA_F

ClientSampleId :

PB127977BS

Tot Ion:152 Resp: 213012

Ion Ratio Lower Upper

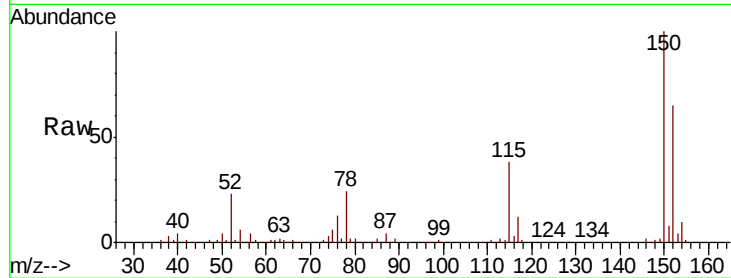
152 100

150 154.5 124.5 186.7

115 59.2 49.6 74.4

Manual Integrations
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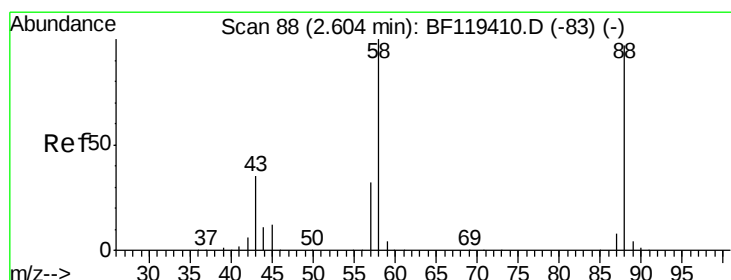
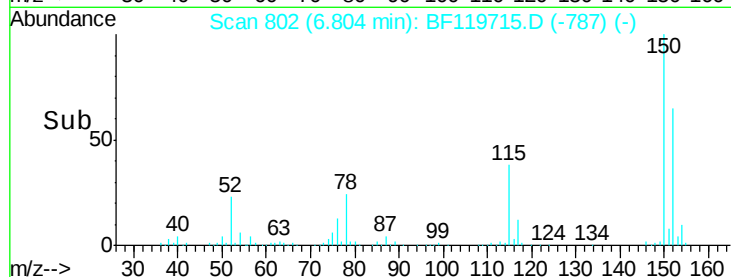
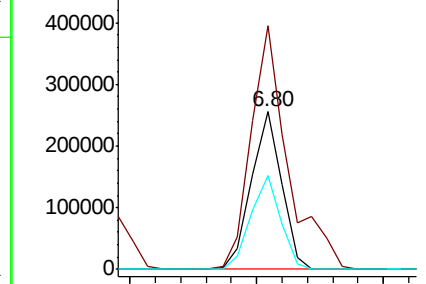
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.278 ng

RT: 2.63 min Scan# 92

Delta R.T. 0.11 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

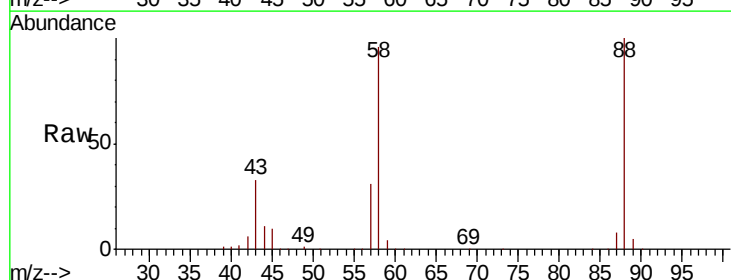
Tgt Ion: 88 Resp: 206710

Ion Ratio Lower Upper

88 100

58 97.1 80.6 121.0

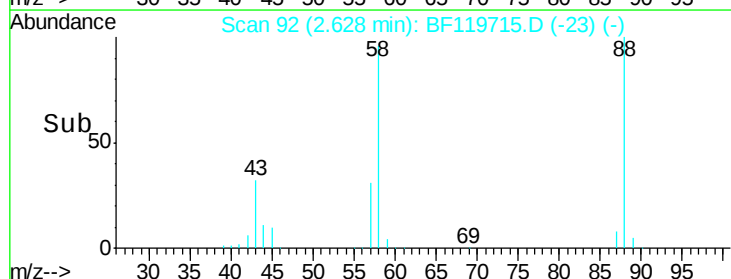
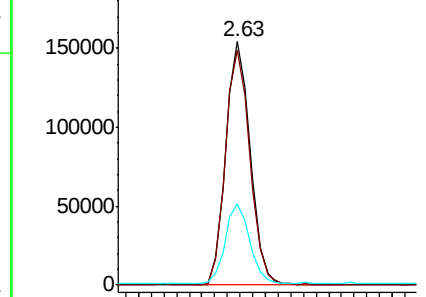
43 32.1 27.5 41.3

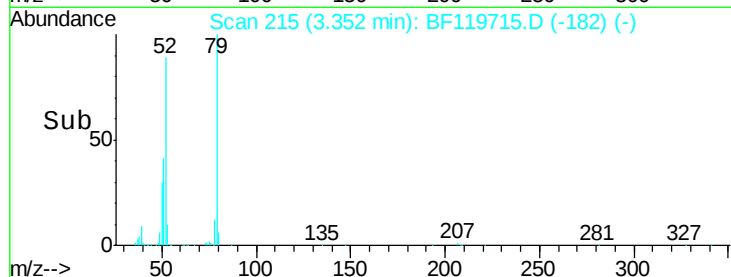
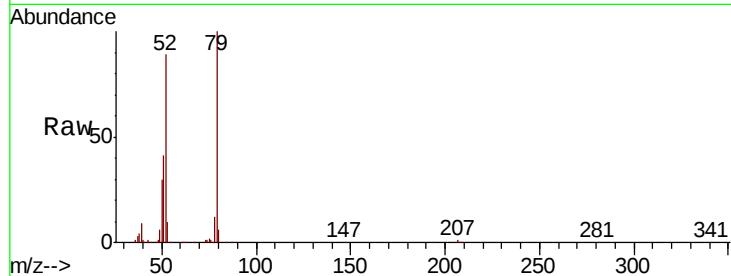
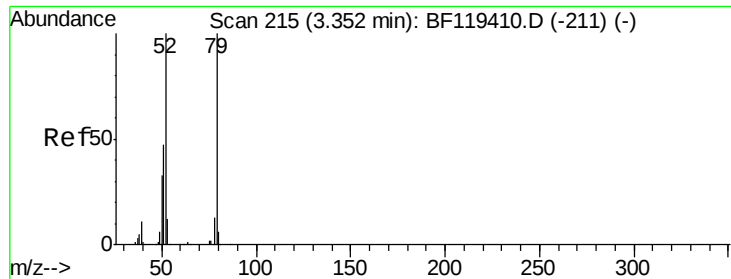


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





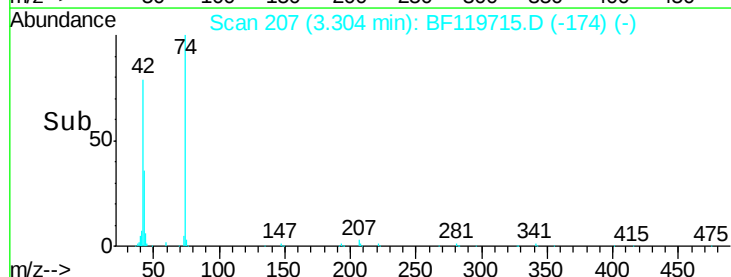
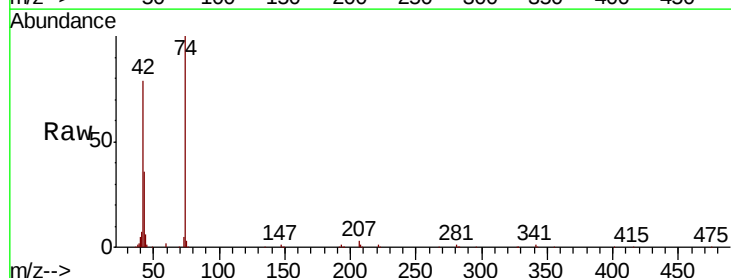
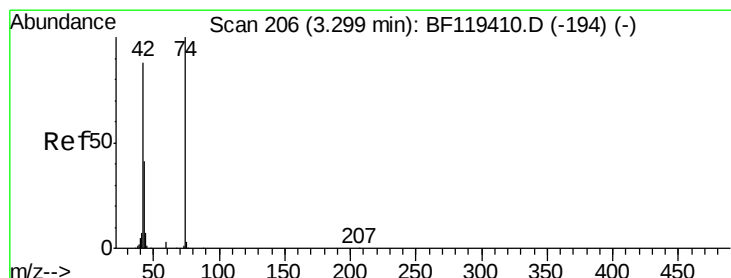
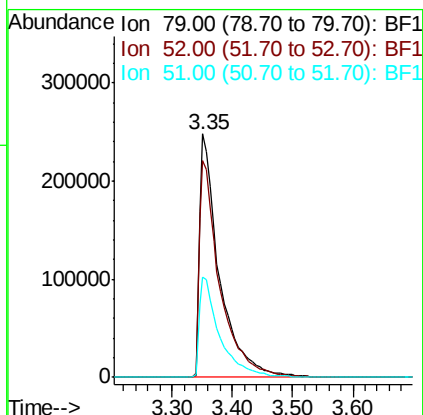
#3
 Pvridine
 Concen: 31.427 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.09 min
 Lab File: BF119715.D
 Acq: 3 Apr 2020 13:26

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	88.9	80.2	120.2
51	51	41.3	37.7	56.5

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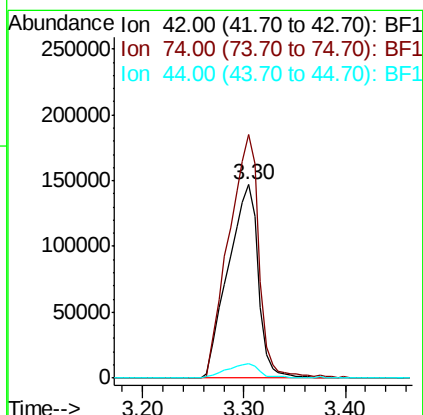
Manual Integrations
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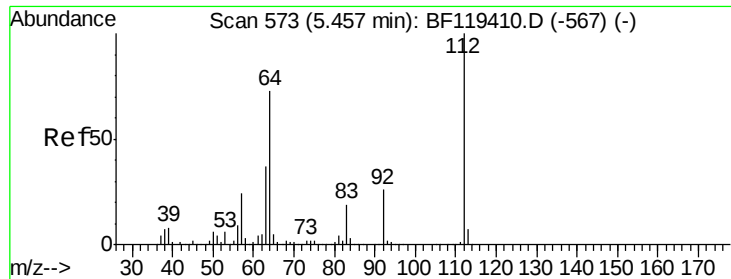
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#4
 n-Nitrosodimethylamine
 Concen: 34.263 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.09 min
 Lab File: BF119715.D
 Acq: 3 Apr 2020 13:26

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	126.0	91.5	137.3
44	44	7.6	6.2	9.4





#5

2-Fluorophenol

Concen: 114.473 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA_F

ClientSampleId :

PB127977BS

Tot Ion:112 Resp: 1531762

Ion Ratio Lower Upper

112 100

64 69.7 56.7 85.1

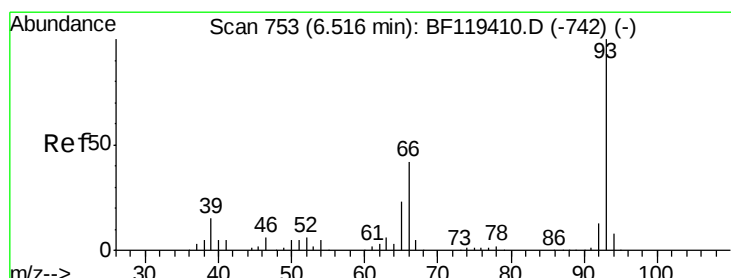
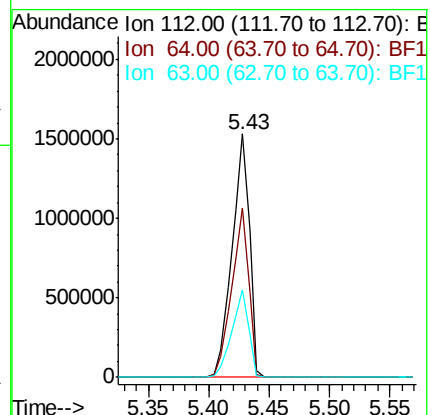
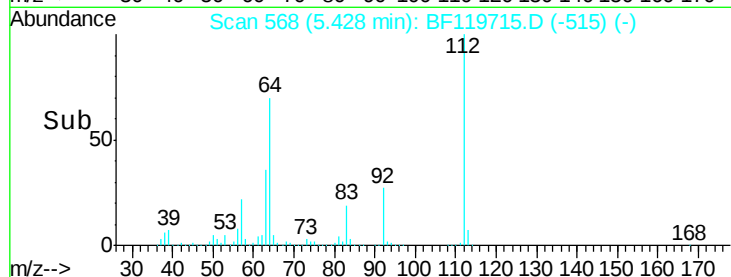
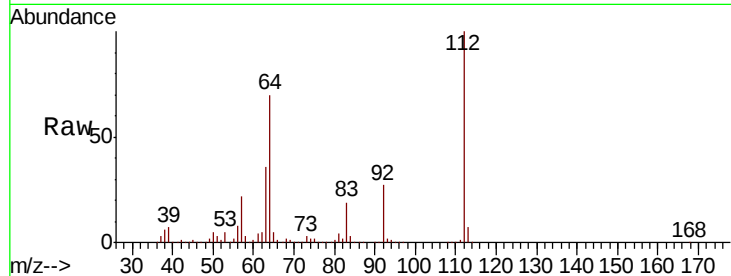
63 35.9 29.5 44.3

Manual Integrations

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#6

Aniline

Concen: 30.309 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

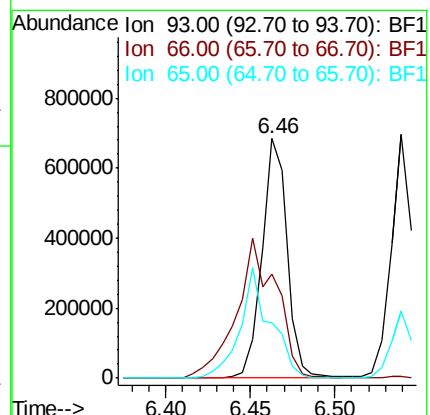
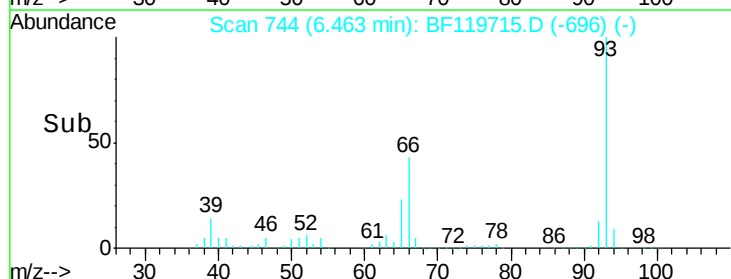
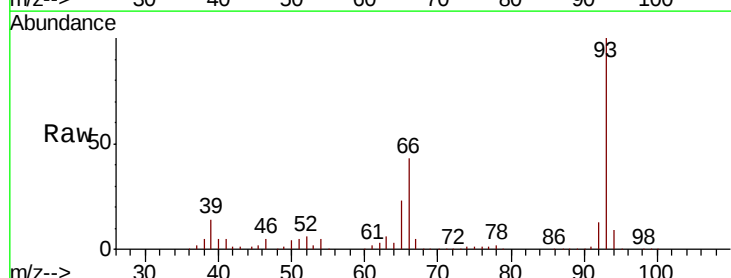
Tgt Ion: 93 Resp: 715017

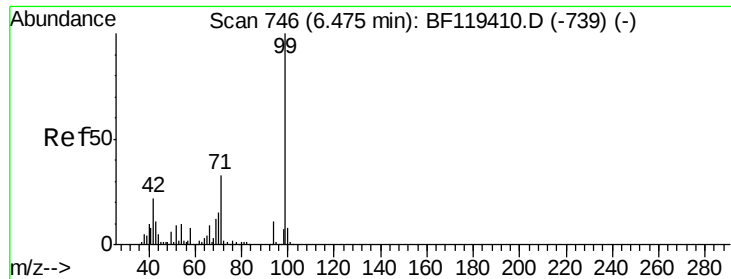
Ion Ratio Lower Upper

93 100

66 43.3 34.9 52.3

65 22.9 18.6 27.8





#7

Phenol-d6

Concen: 115.221 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

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Tot Ion: 99 Resp: 1969498

Ion Ratio Lower Upper

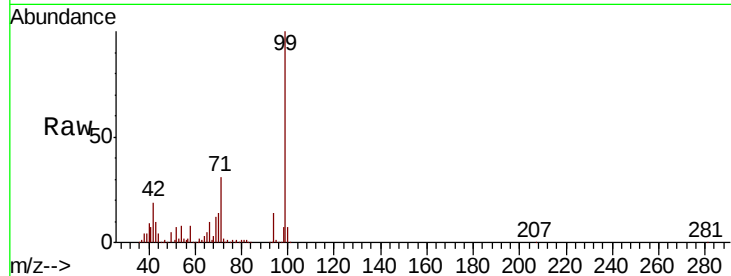
99 100

42 18.7 16.6 24.8

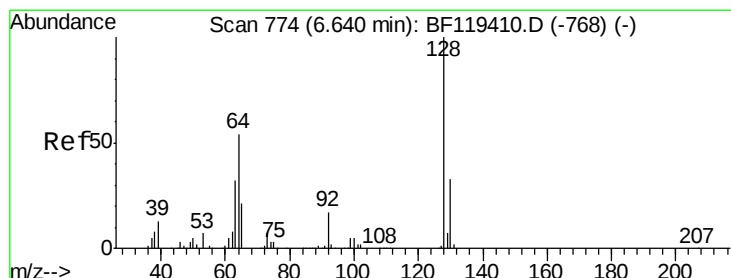
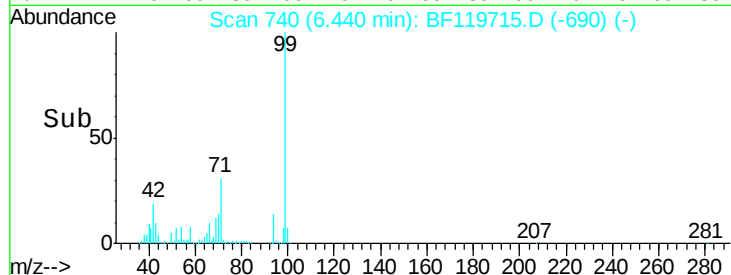
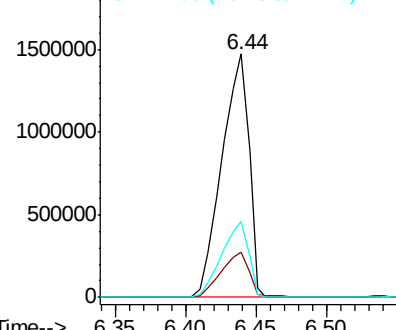
71 31.4 26.4 39.6

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Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000 Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.192 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

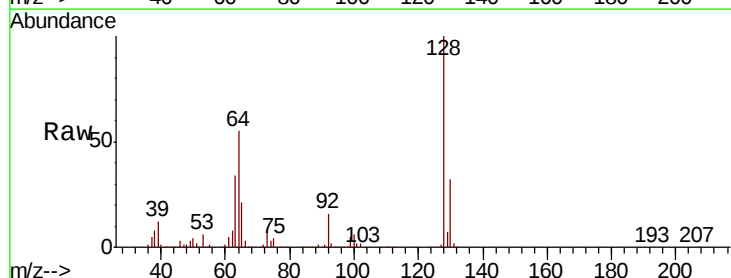
Tgt Ion:128 Resp: 621060

Ion Ratio Lower Upper

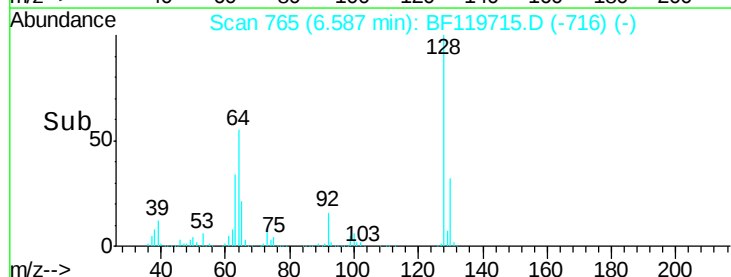
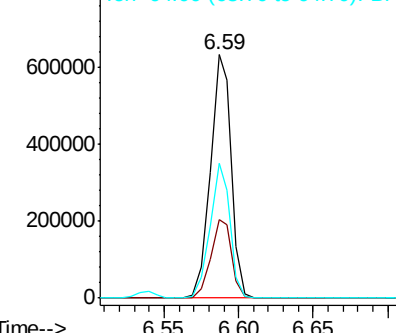
128 100

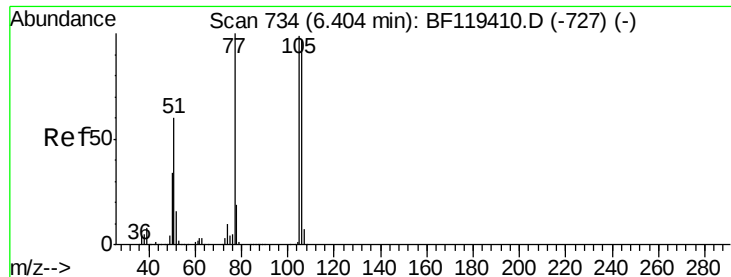
130 32.3 12.6 52.6

64 55.4 35.3 75.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 31.863 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA_F

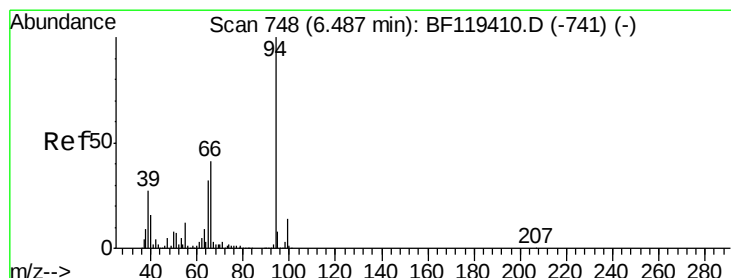
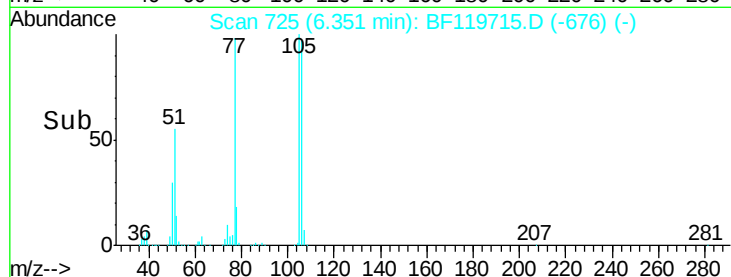
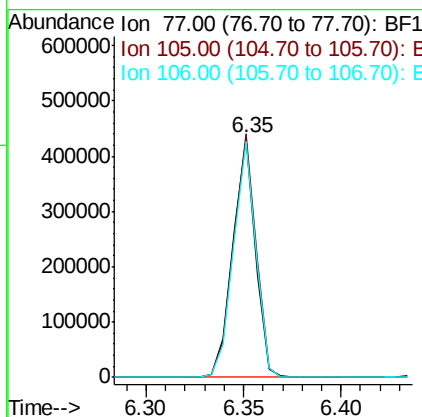
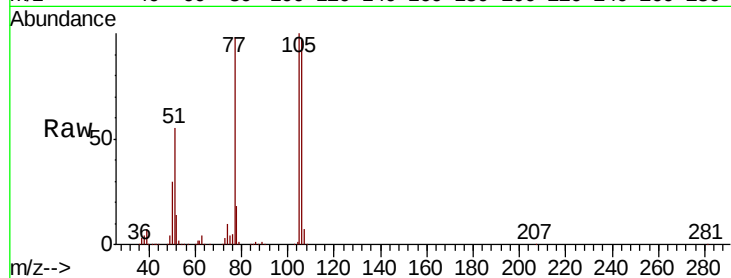
ClientSampleId :

PB127977BS

Tot Ion:	77	Resp:	345507
Ion	Ratio	Lower	Upper
77	100		
105	102.1	80.9	120.9
106	99.0	77.9	117.9

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#10

Phenol

Concen: 43.070 ng

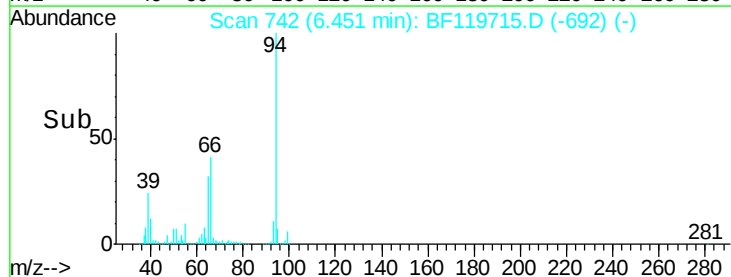
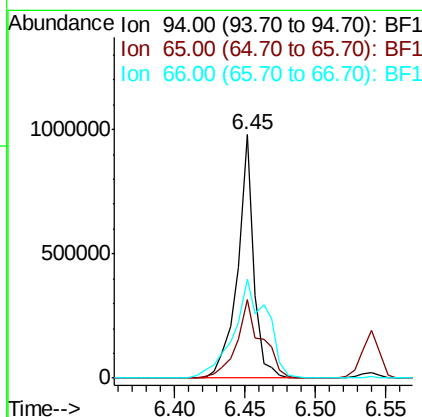
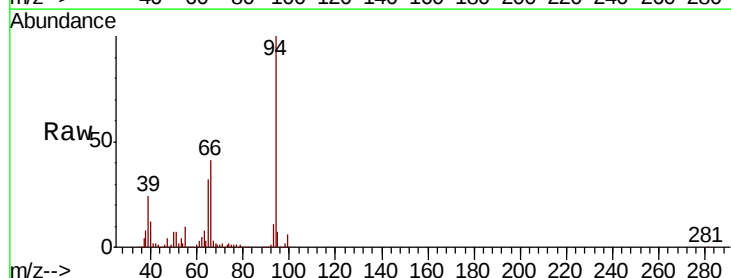
RT: 6.45 min Scan# 742

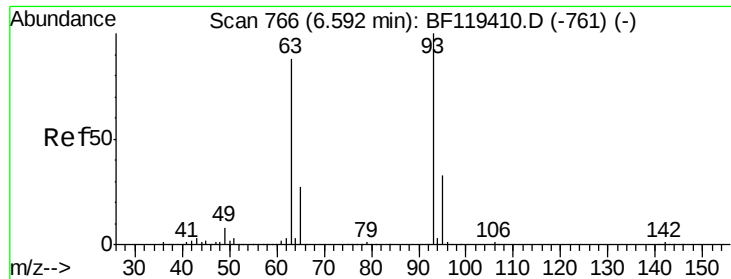
Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Tgt Ion:	94	Resp:	785552
Ion	Ratio	Lower	Upper
94	100		
65	32.3	13.2	53.2
66	40.8	22.3	62.3





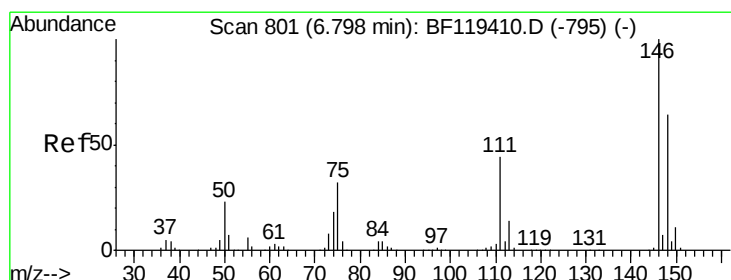
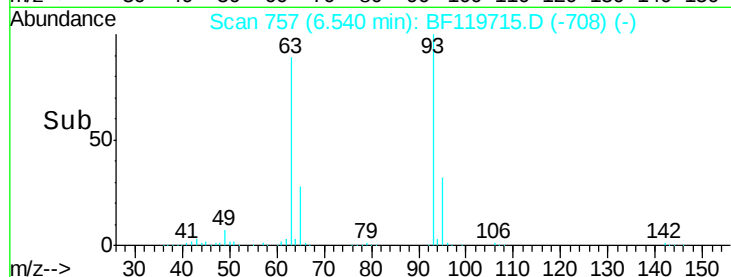
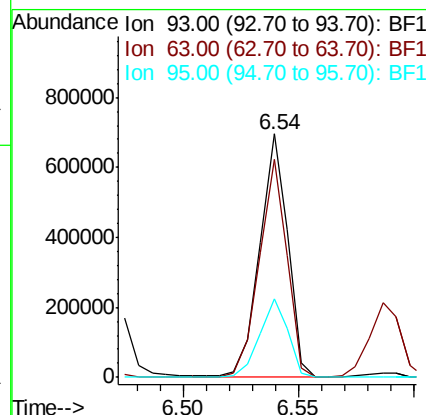
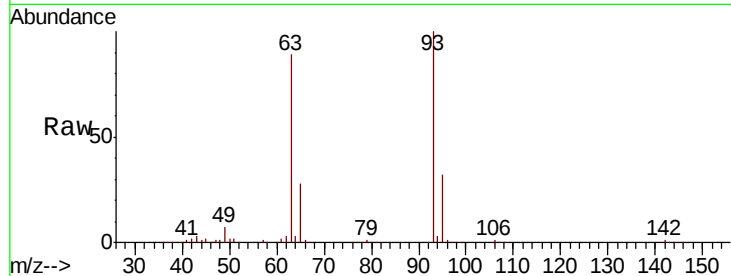
#11
bis(2-Chloroethyl)ether
Concen: 40.492 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.3	70.2	110.2
95	32.3	13.4	53.4

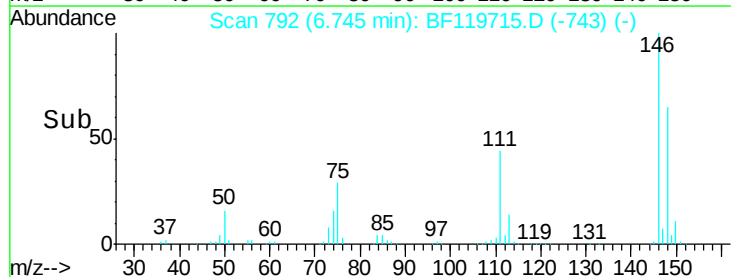
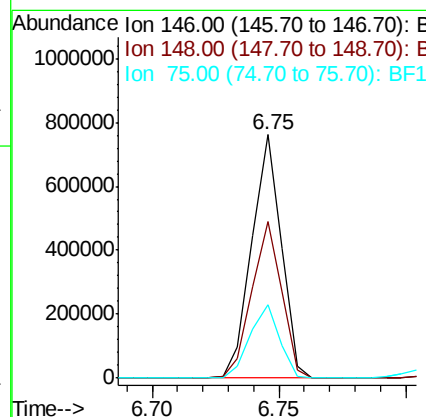
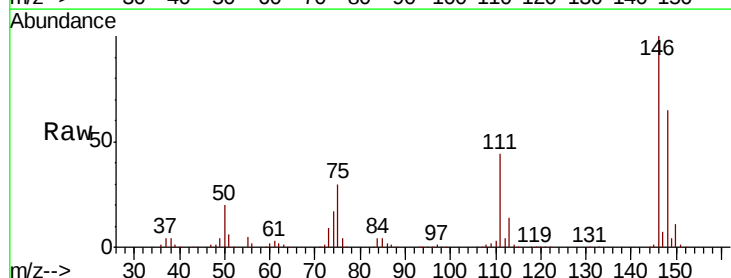
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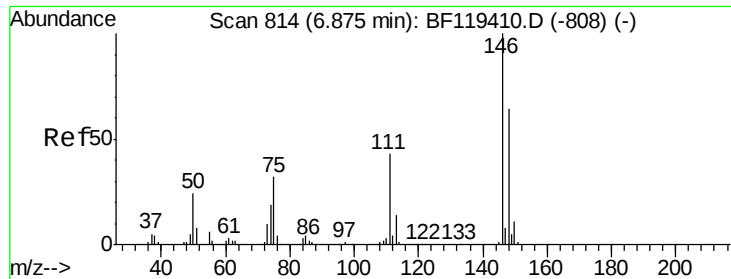
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#12
1,3-Dichlorobenzene
Concen: 40.802 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.2	78.4
75	30.1	23.0	34.4





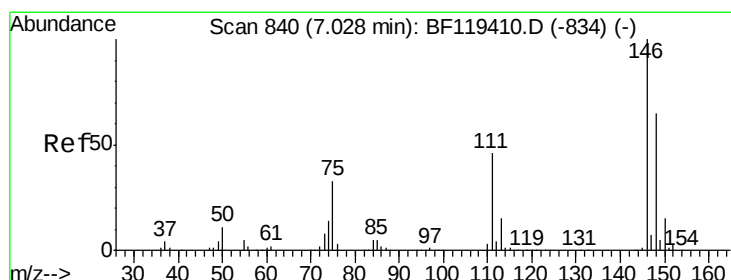
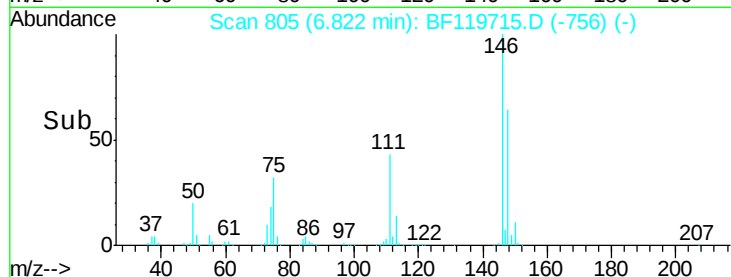
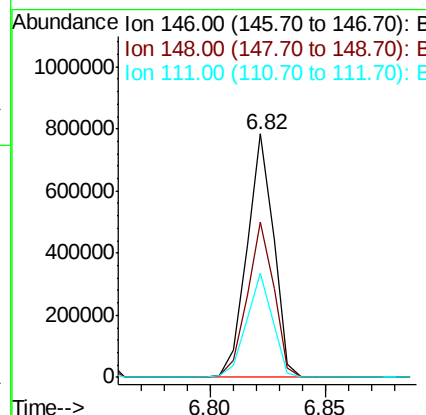
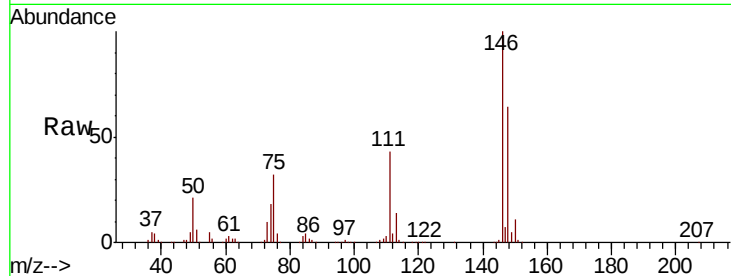
#13
 1,4-Dichlorobenzene
 Concen: 41.533 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF119715.D
 Acq: 3 Apr 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB127977BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.5	77.3
111	42.9	33.3	49.9

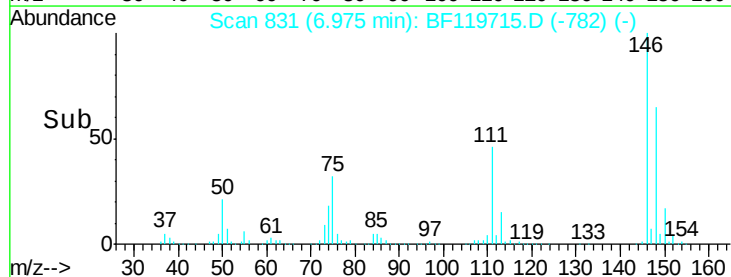
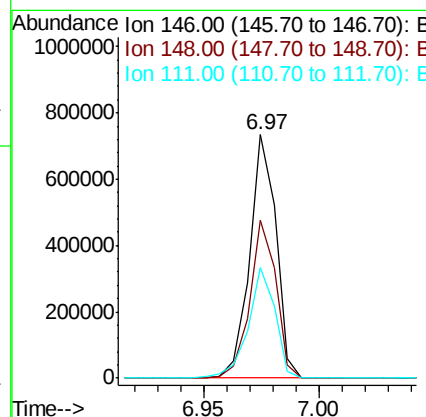
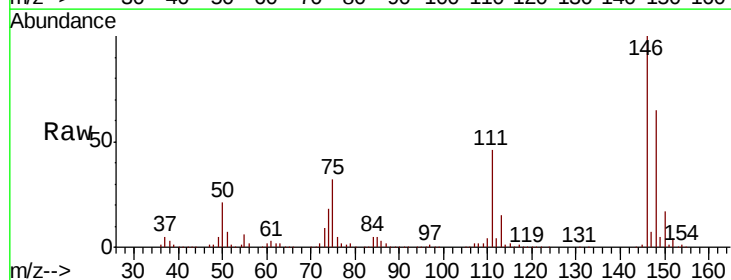
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#14
 1,2-Dichlorobenzene
 Concen: 41.316 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF119715.D
 Acq: 3 Apr 2020 13:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
111	45.5	36.1	54.1





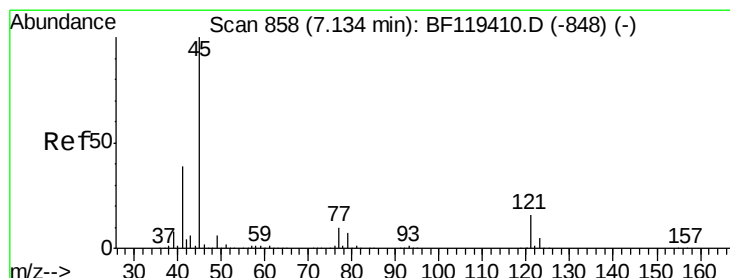
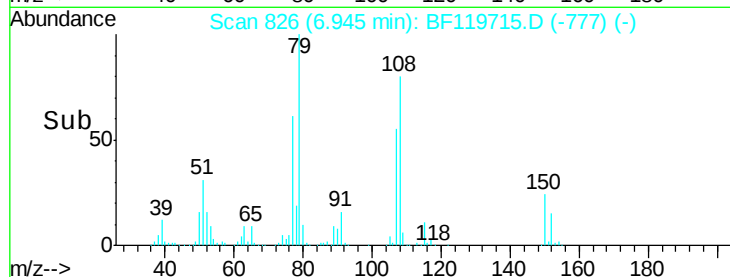
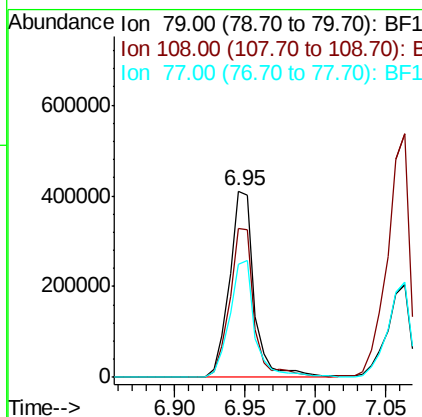
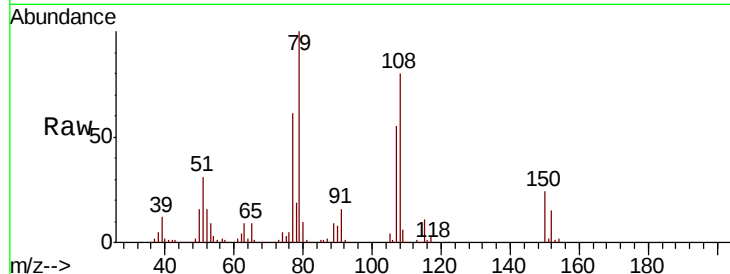
#15
Benzyl Alcohol
Concen: 39.247 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.0	60.6	90.8
77	60.9	50.2	75.2

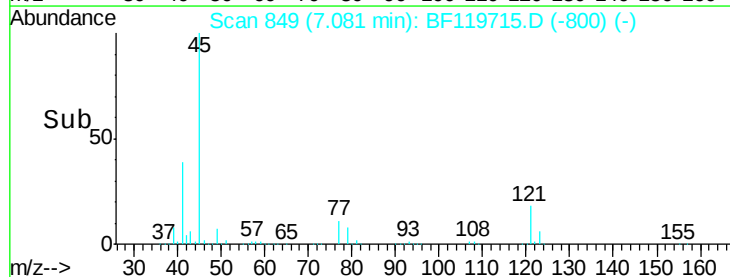
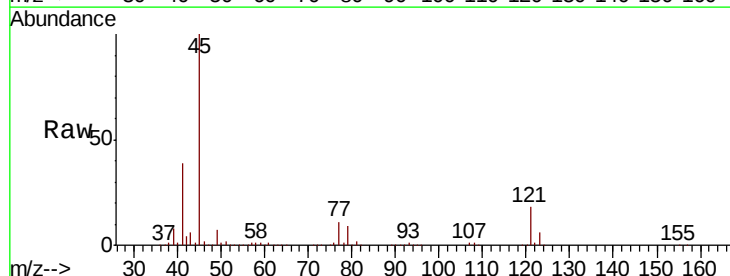
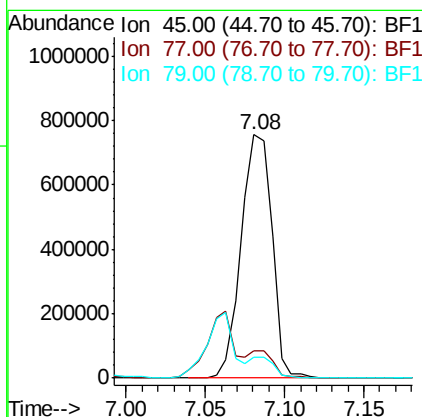
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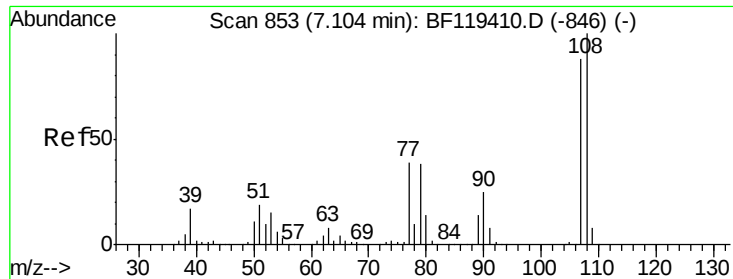
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.700 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	30.7
79	8.6	0.0	28.2





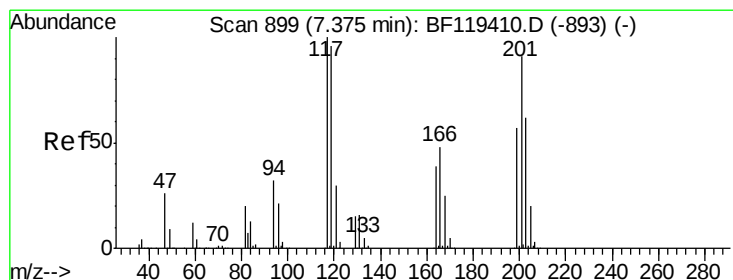
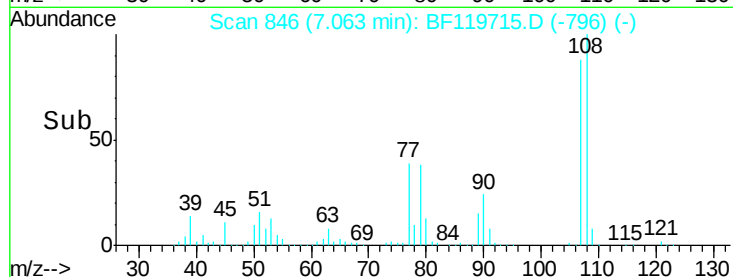
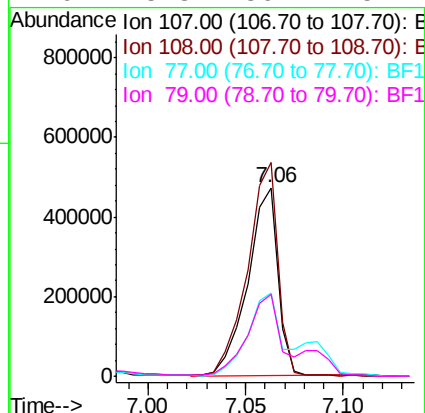
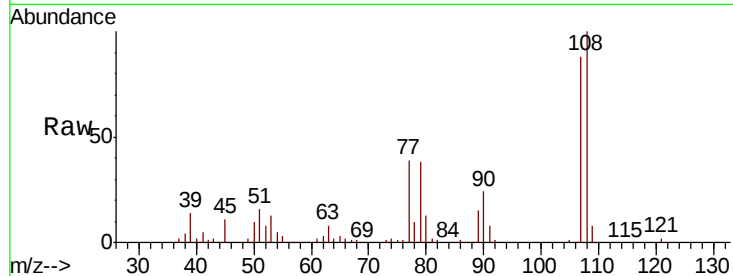
#17
2-Methylphenol
Concen: 39.350 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	92.2	138.4	
77	44.2	36.6	54.8	
79	43.3	36.2	54.4	

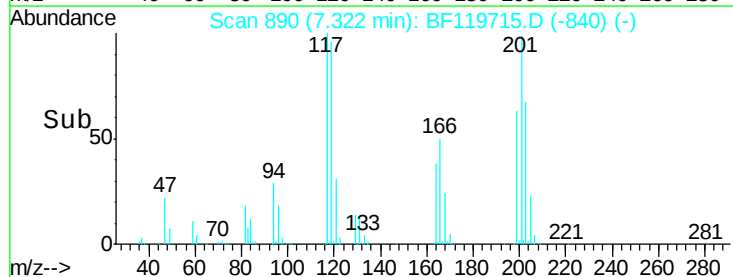
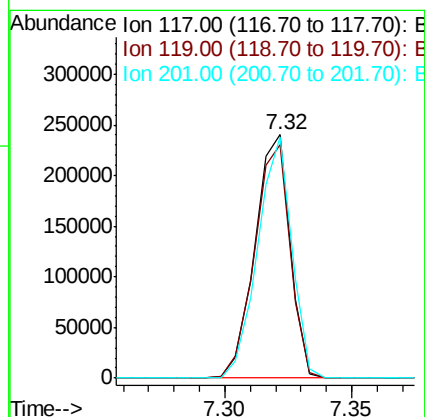
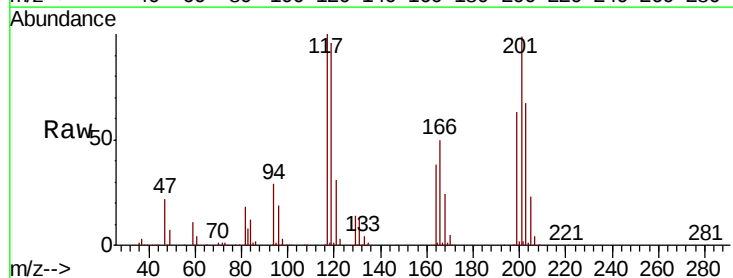
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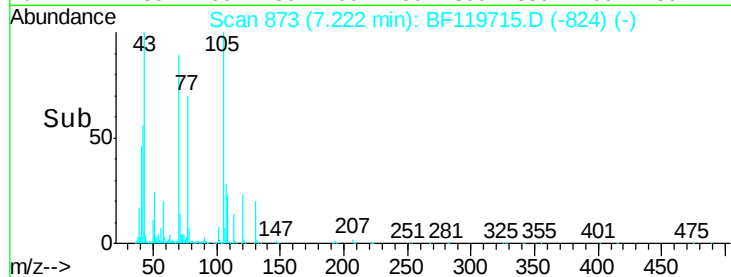
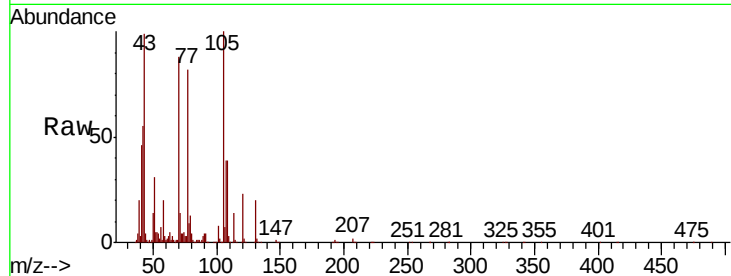
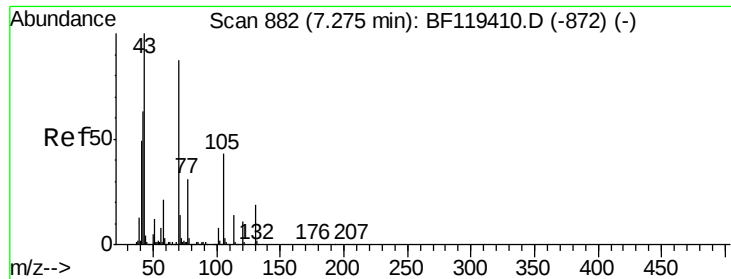
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#18
Hexachloroethane
Concen: 41.760 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	76.1	114.1	
201	99.1	73.0	109.6	





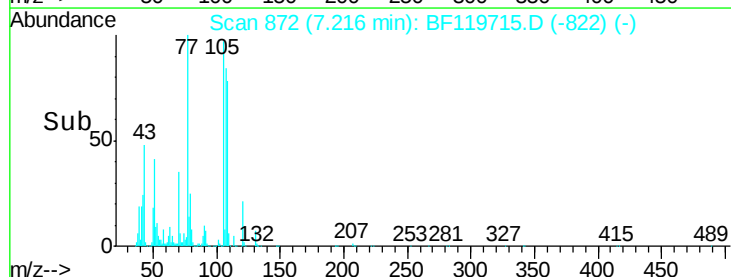
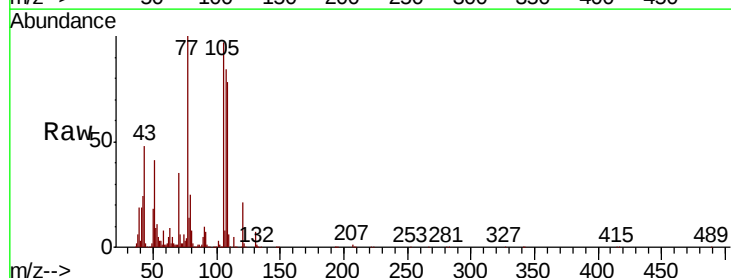
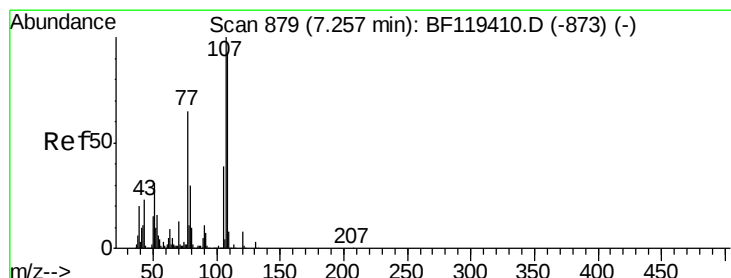
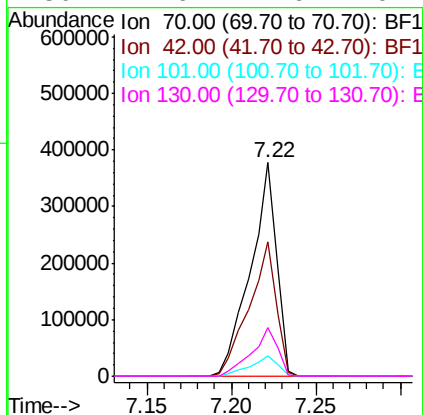
#19
n-Nitroso-di-n-propylamine
Concen: 39.689 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

Manual Integrations
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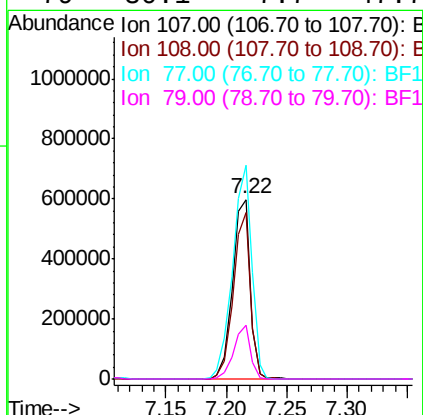
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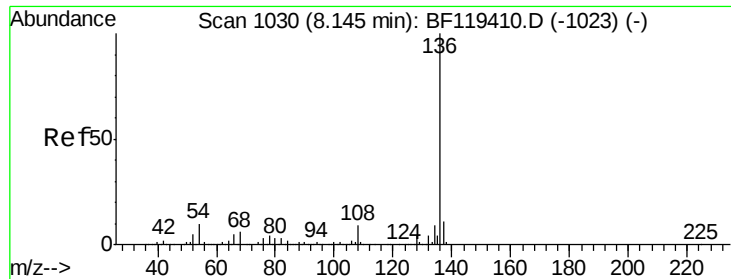
Tot Ion	70	Resp	408914
Ion Ratio	Lower	Upper	
70	100		
42	63.0	54.5	81.7
101	9.5	7.6	11.4
130	22.6	17.6	26.4



#20
3+4-Methylphenols
Concen: 38.750 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion	107	Resp	611498
Ion Ratio	Lower	Upper	
107	100		
108	92.8	67.9	107.9
77	118.8	52.9	92.9#
79	30.1	7.7	47.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA_F

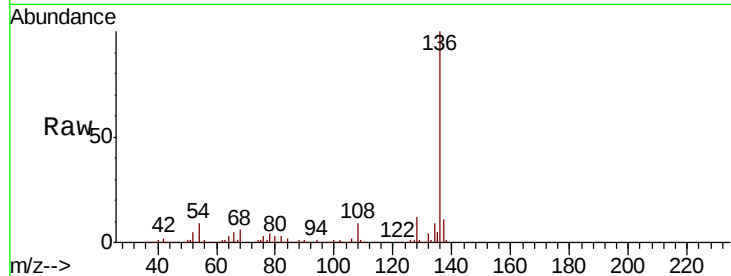
ClientSampleId :

PB127977BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	833128		
137	10.9	8.7	13.1	
54	9.3	9.1	13.7	
68	5.7	4.6	6.8	

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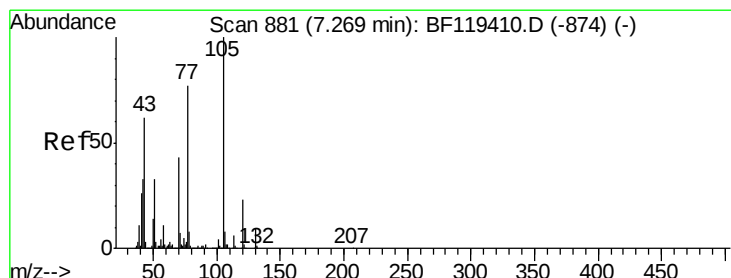
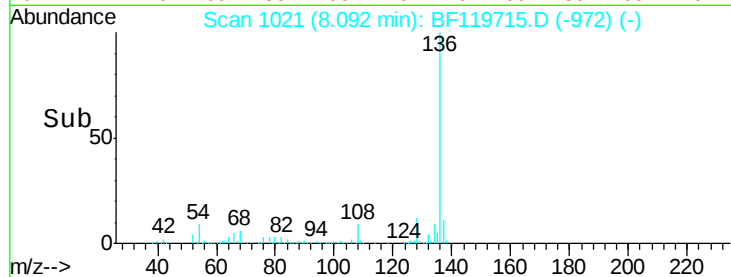
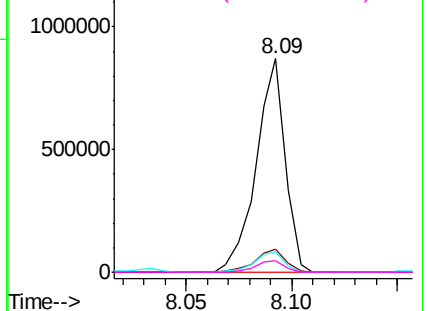


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.799 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

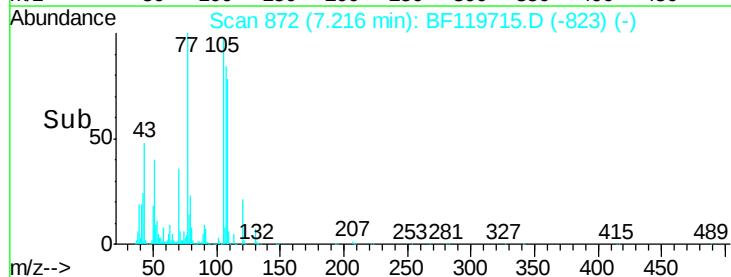
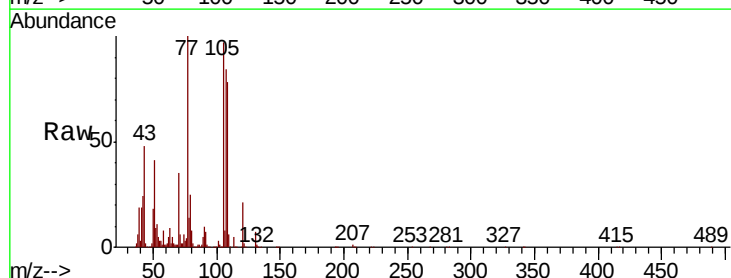
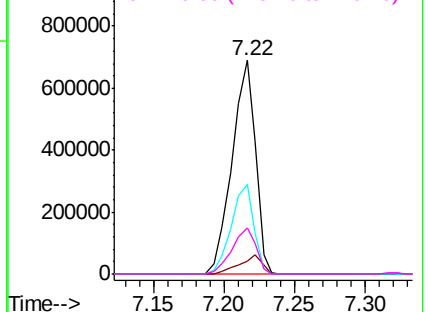
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	792290		
71	6.1	5.7	8.5	
51	41.9	26.2	39.4	
120	21.4	18.3	27.5	

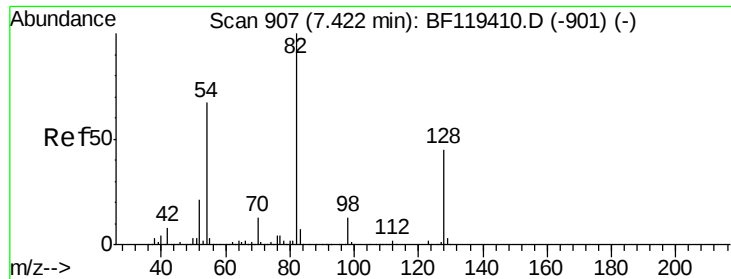
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





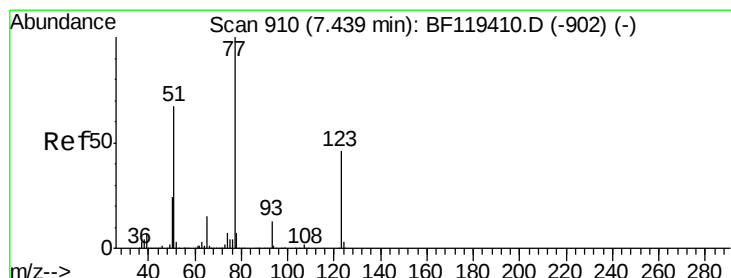
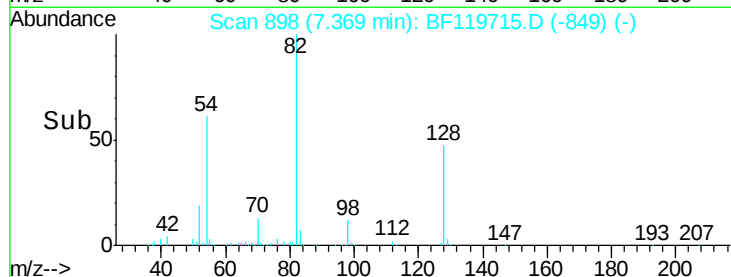
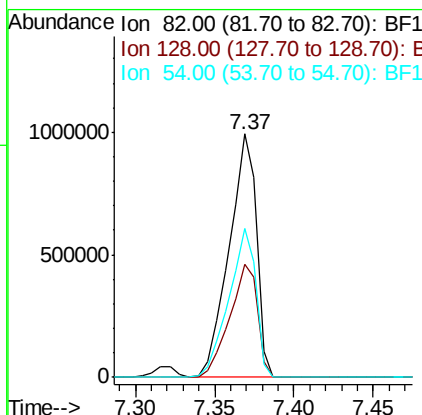
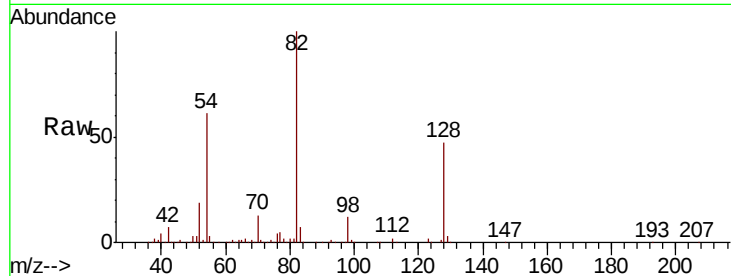
#23
 Nitrobenzene-d5
 Concen: 77.551 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF119715.D
 Acq: 3 Apr 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB127977BS

Tot Ion	82	Resp	1188826
Ion Ratio	100	Lower	Upper
128	46.6	36.3	54.5
54	61.0	50.6	75.8

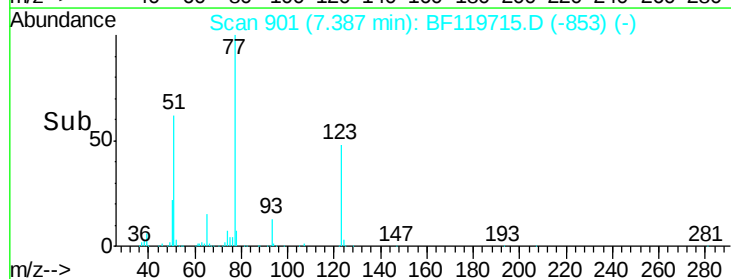
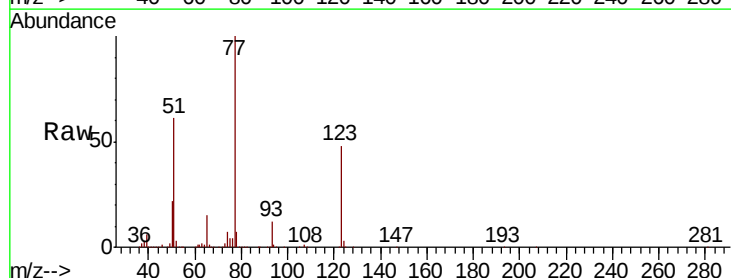
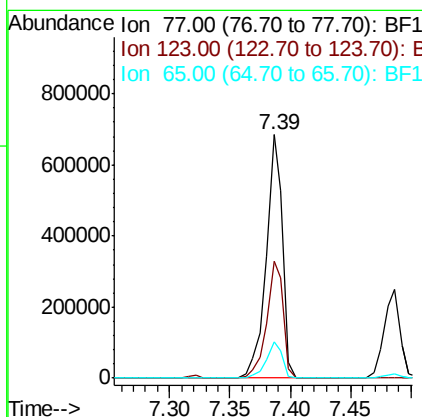
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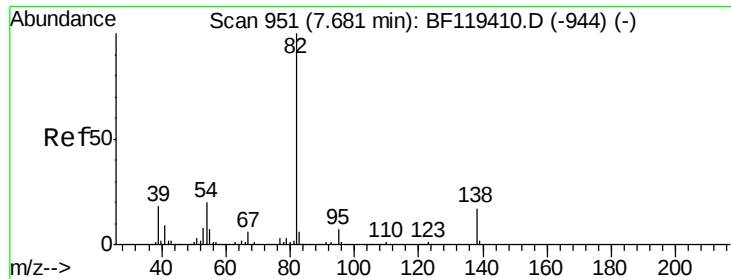
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#24
 Nitrobenzene
 Concen: 38.844 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.02 min
 Lab File: BF119715.D
 Acq: 3 Apr 2020 13:26

Tgt Ion	77	Resp	636363
Ion Ratio	100	Lower	Upper
123	47.8	38.0	57.0
65	15.2	12.6	18.8





#25

Isophorone

Concen: 36.939 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA_F

ClientSampleId :

PB127977BS

Tot Ion: 82 Resp: 1148669

Ion Ratio Lower Upper

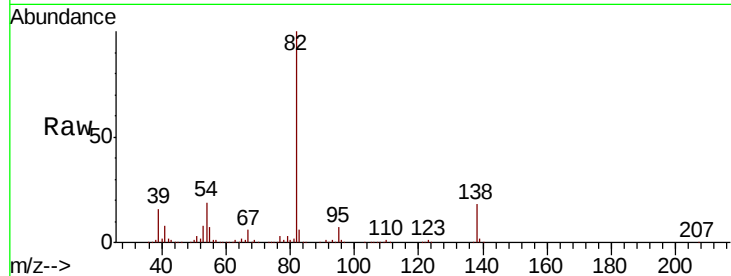
82 100

95 6.8 5.8 8.6

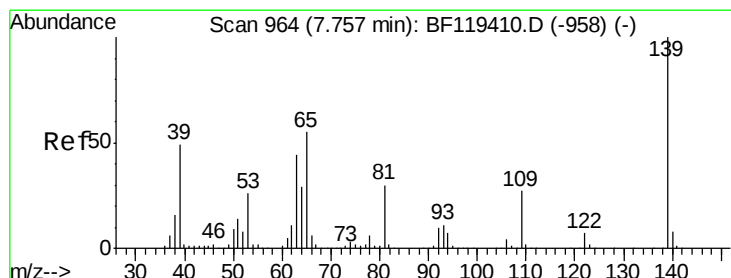
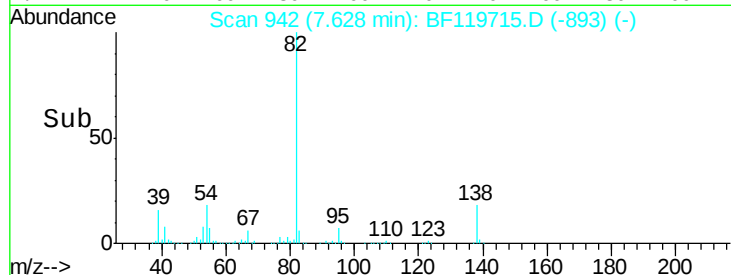
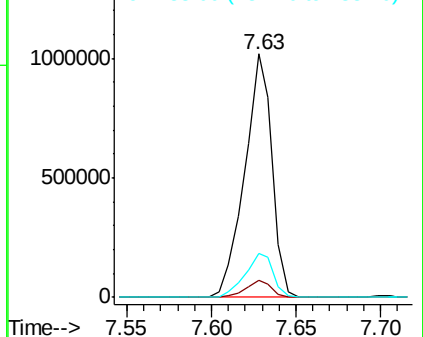
138 17.9 14.6 21.8

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



#26

2-Nitrophenol

Concen: 51.443 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

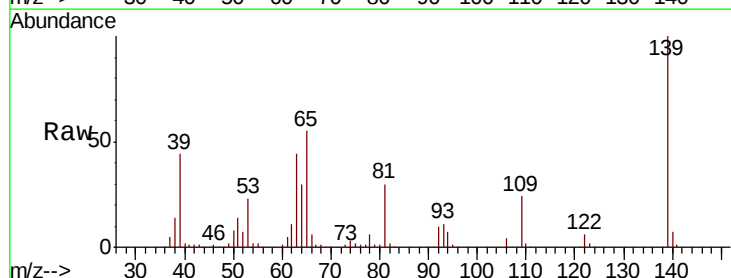
Tgt Ion: 139 Resp: 331827

Ion Ratio Lower Upper

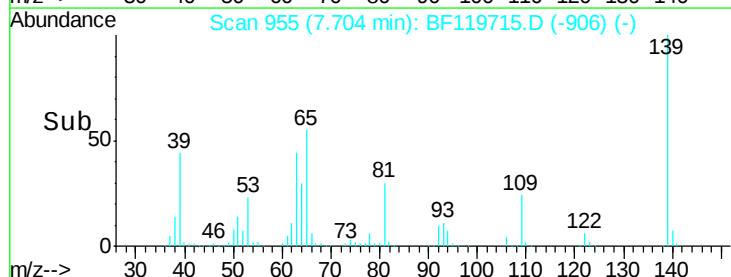
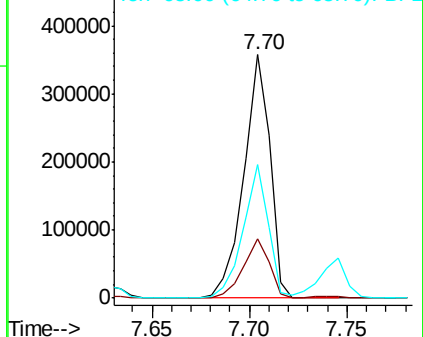
139 100

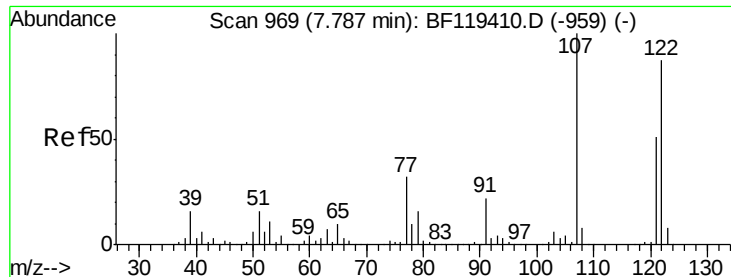
109 24.5 22.1 33.1

65 54.9 49.2 73.8



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





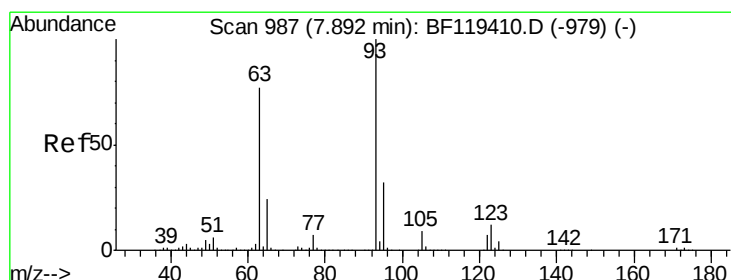
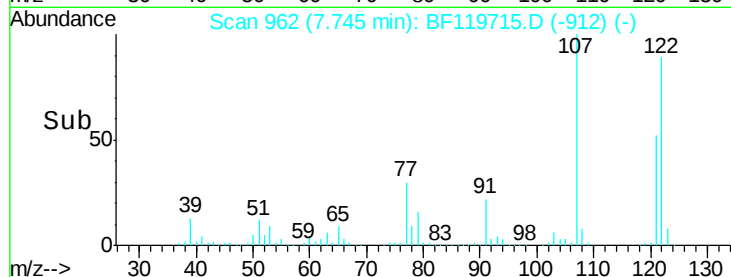
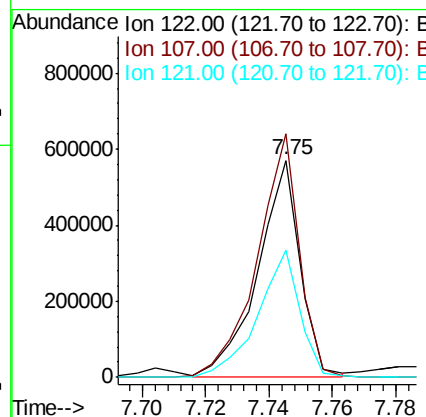
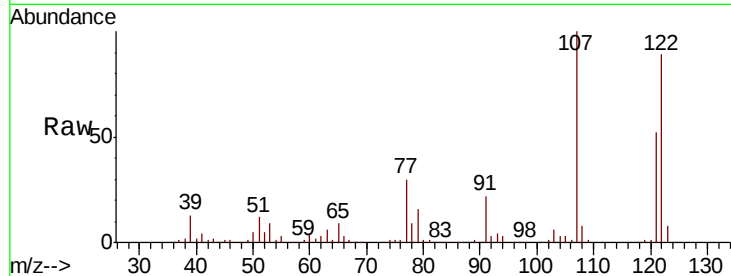
#27
2,4-Dimethylphenol
Concen: 39.746 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.2	89.0	133.6
121	58.9	46.7	70.1

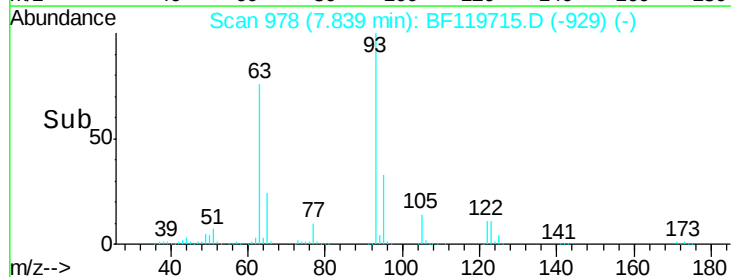
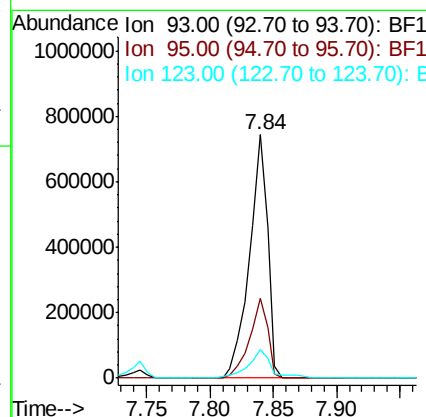
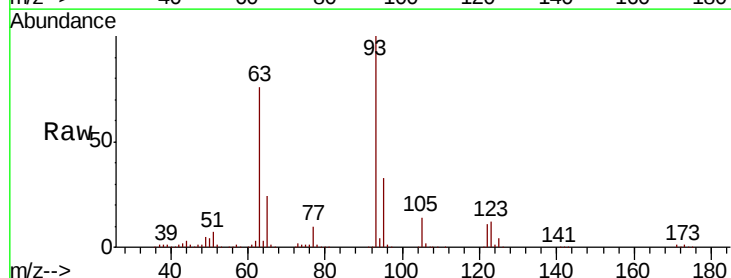
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#28
bis(2-Chloroethoxy)methane
Concen: 40.084 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.3	39.5
123	11.5	9.7	14.5





#29

2,4-Dichlorophenol

Concen: 41.531 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA_F

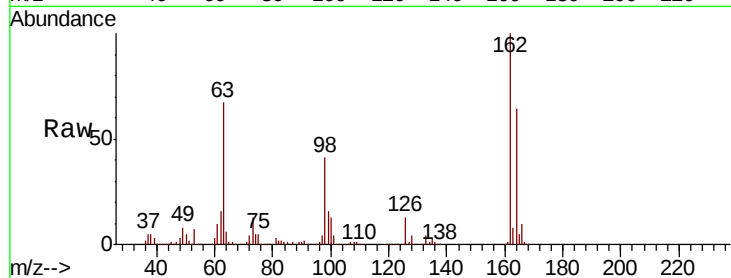
ClientSampleId :

PB127977BS

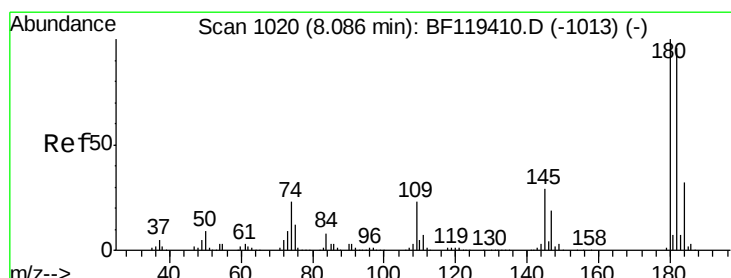
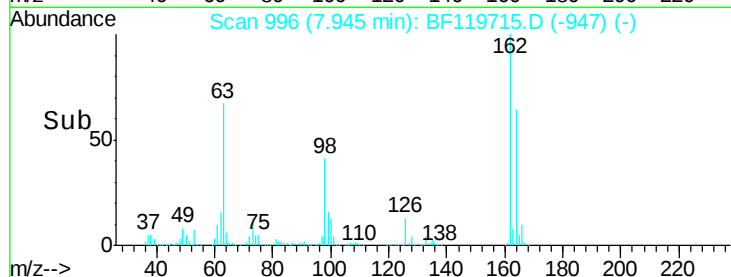
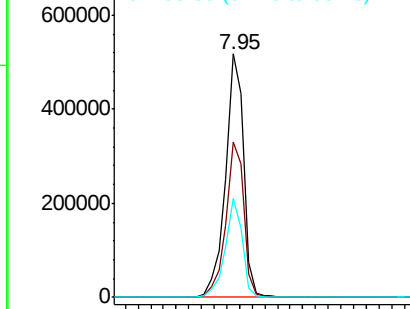
Tot Ion:	162	Resp:	508974
Ion Ratio	Lower	Upper	
162	100		
164	63.6	44.7	84.7
98	40.6	20.7	60.7

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 40.057 ng

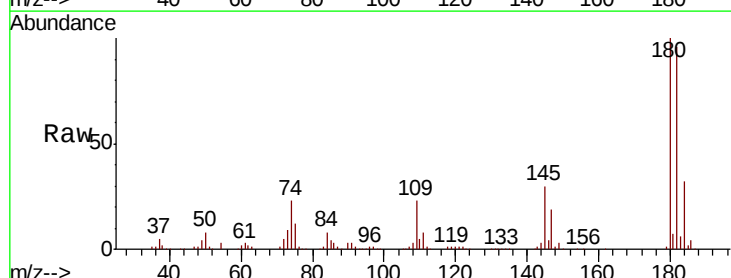
RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

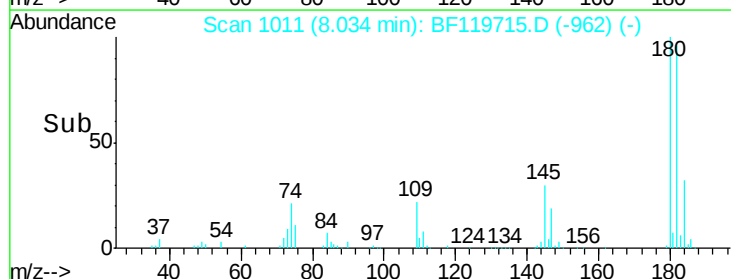
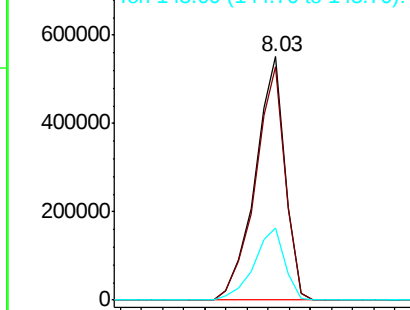
Lab File: BF119715.D

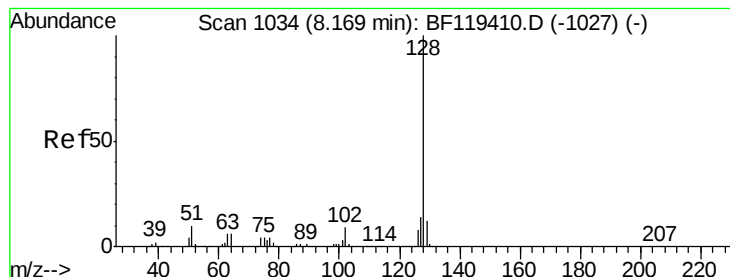
Acq: 3 Apr 2020 13:26

Tgt Ion:	180	Resp:	542898
Ion Ratio	Lower	Upper	
180	100		
182	96.1	74.7	112.1
145	29.6	24.5	36.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.624 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA_F

ClientSampleId :

PB127977BS

Tot Ion:128 Resp: 1741710

Ion Ratio Lower Upper

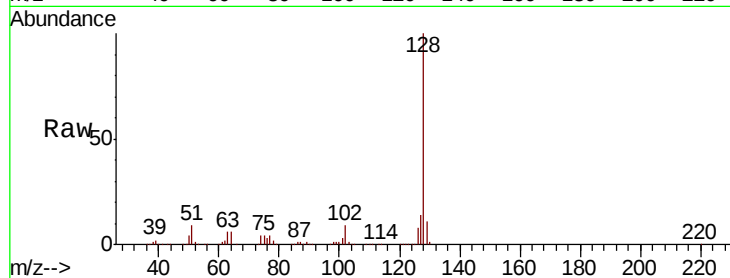
128 100

129 11.2 9.5 14.3

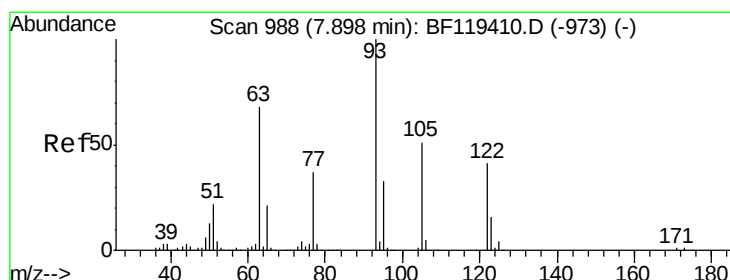
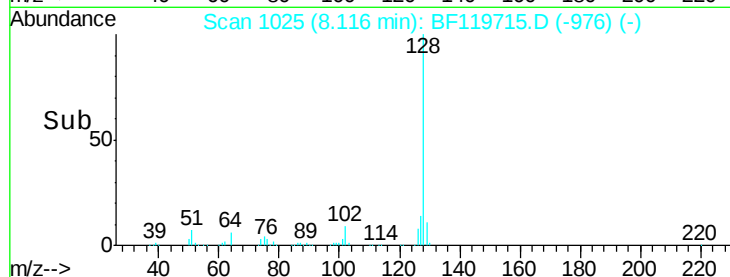
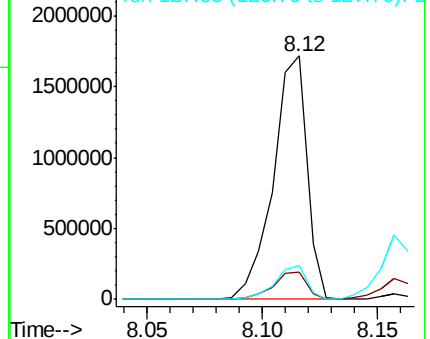
127 13.6 11.3 16.9

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



#32

Benzoic acid

Concen: 49.366 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

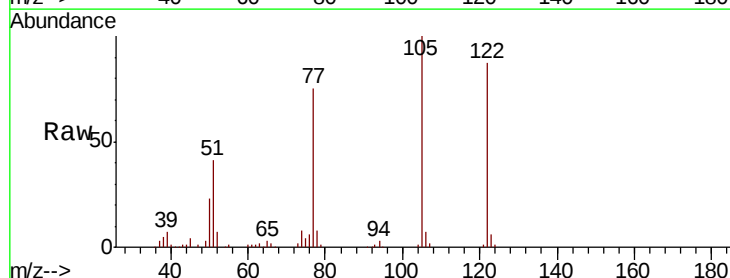
Tgt Ion:122 Resp: 423548

Ion Ratio Lower Upper

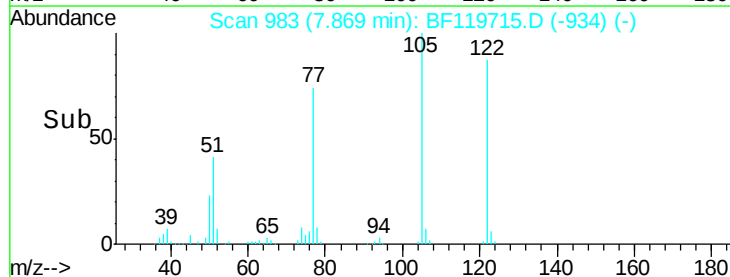
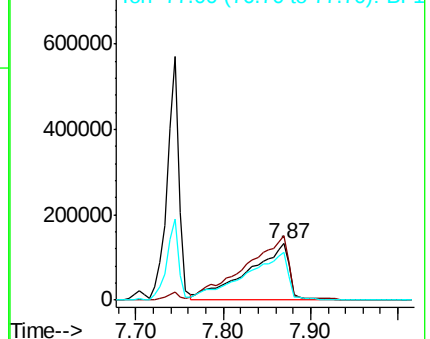
122 100

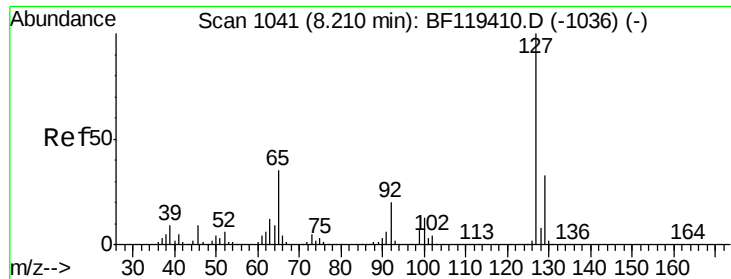
105 114.8 104.9 144.9

77 85.8 74.4 114.4



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





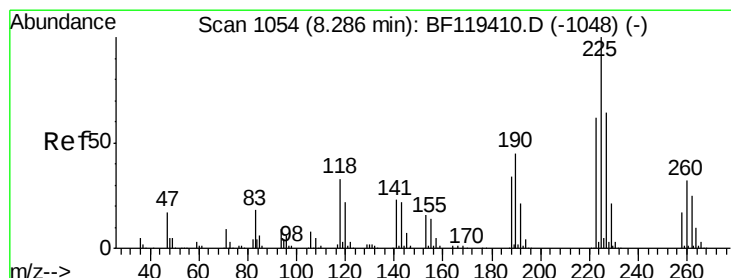
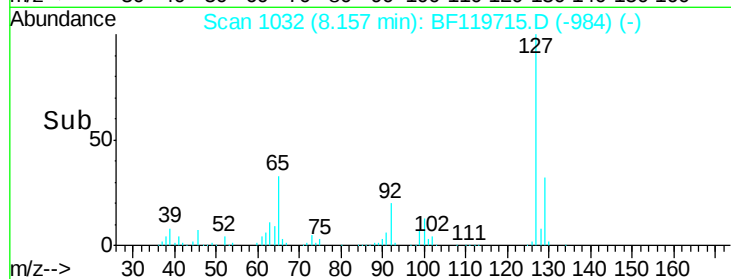
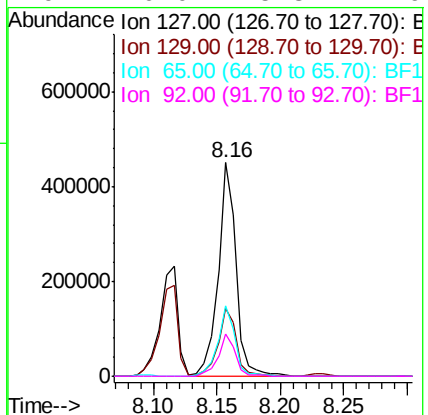
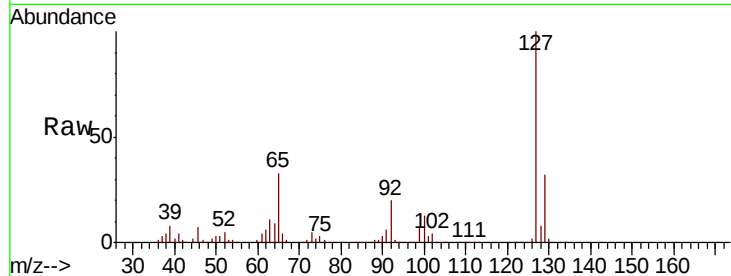
#33
4-Chloroaniline
Concen: 22.722 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		446389		
129	32.0	26.2	39.4		
65	33.1	27.4	41.0		
92	20.0	15.3	22.9		

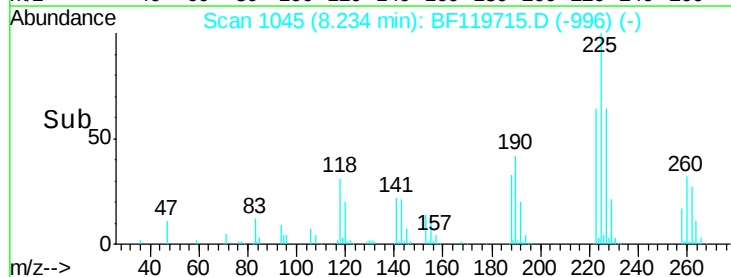
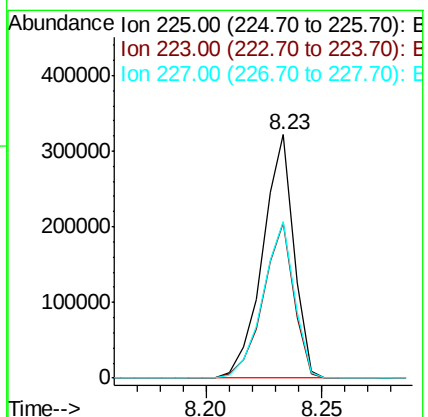
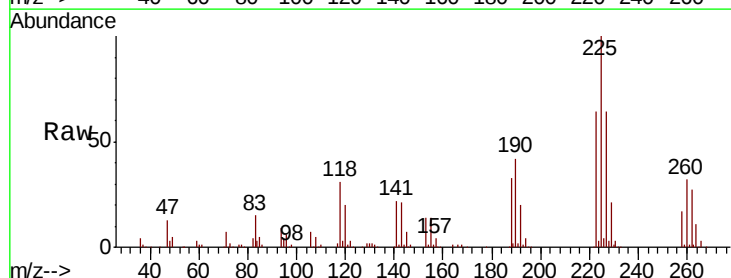
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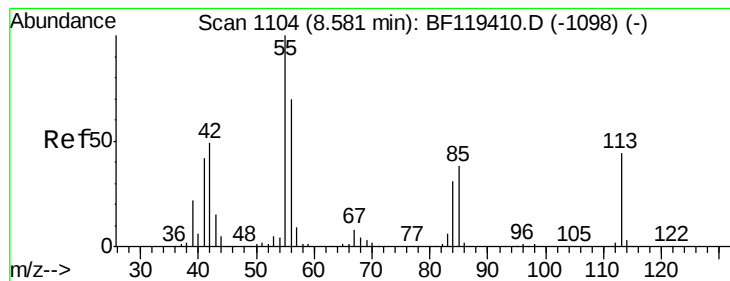
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#34
Hexachlorobutadiene
Concen: 39.744 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		301380		
223	63.8	51.0	76.6		
227	64.3	50.7	76.1		





#35

Caprolactam

Concen: 41.085 ng/mL

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA_F

ClientSampleID :

PB127977BS

Tot Ion:113 Resp: 164786

Ion Ratio Lower Upper

113 100

55 225.2 218.4 258.4

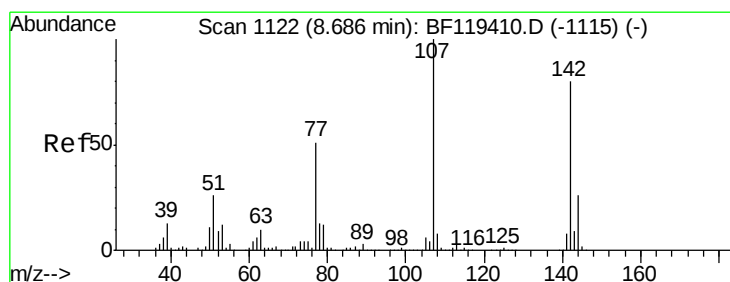
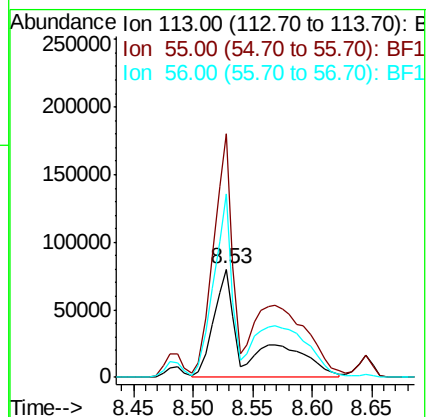
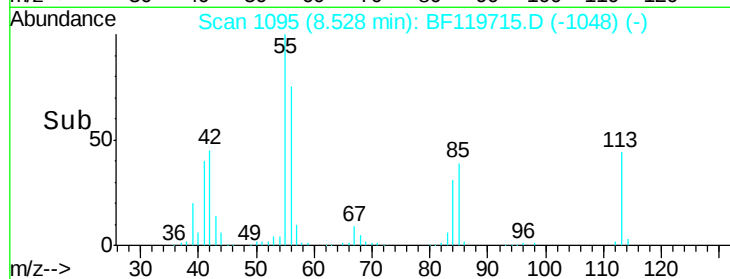
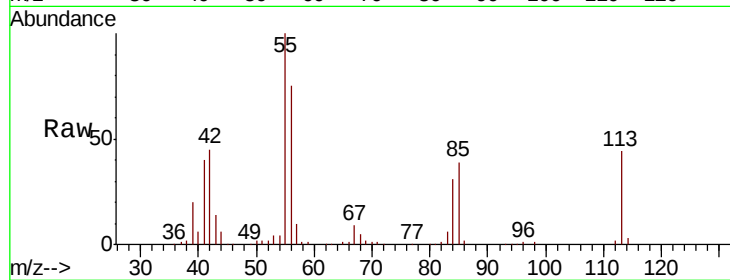
56 169.4 148.9 188.9

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#36

4-Chloro-3-methylphenol

Concen: 41.364 ng/mL

RT: 8.65 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

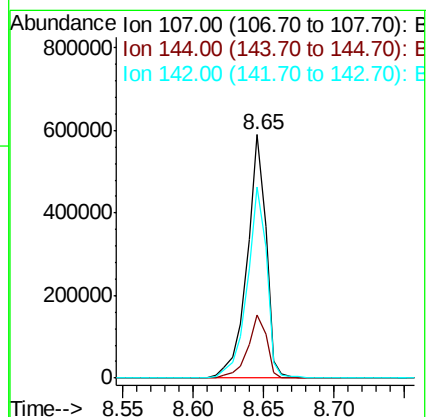
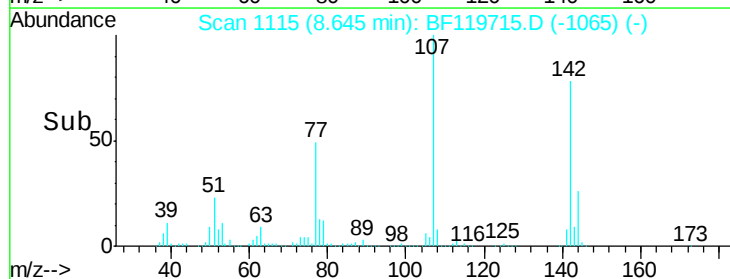
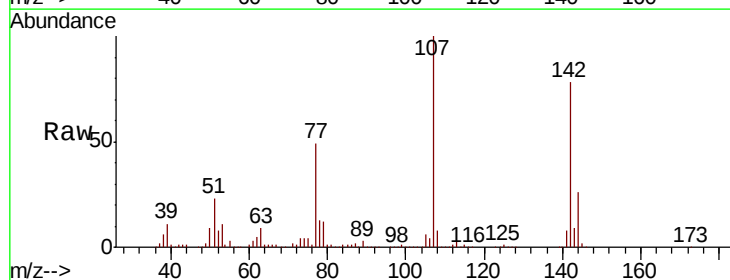
Tgt Ion:107 Resp: 554049

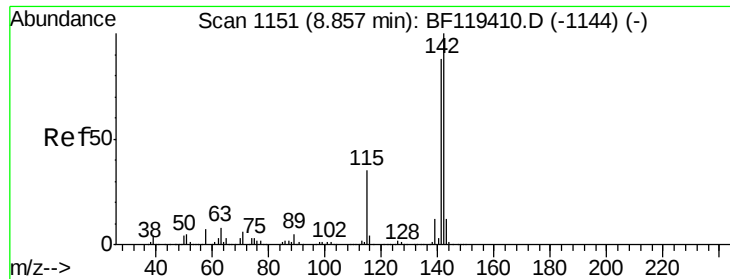
Ion Ratio Lower Upper

107 100

144 25.8 21.0 31.6

142 78.3 64.4 96.6





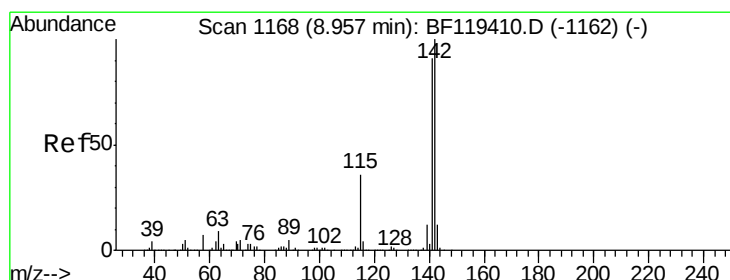
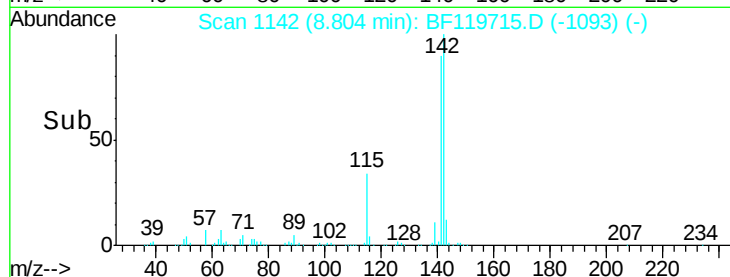
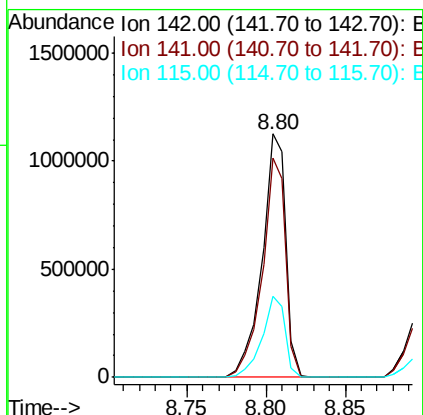
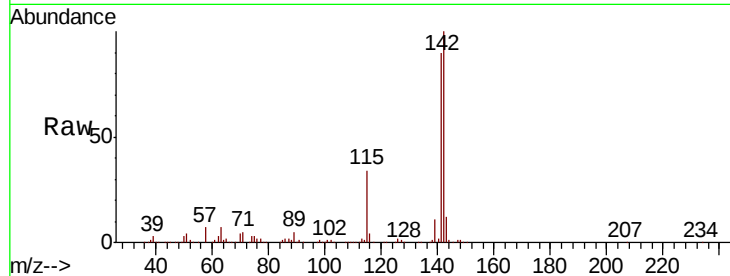
#37
2-Methylnaphthalene
Concen: 41.980 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.7	107.5
115	33.5	27.9	41.9

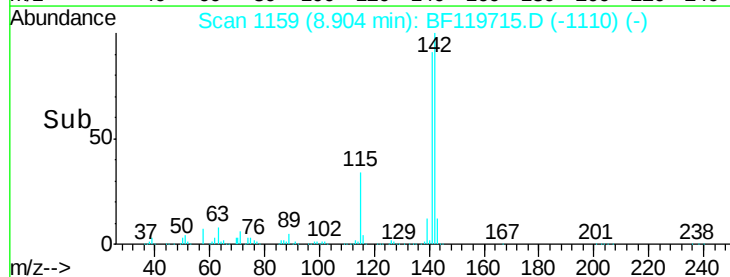
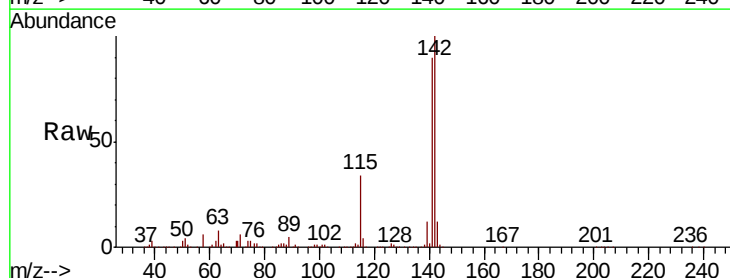
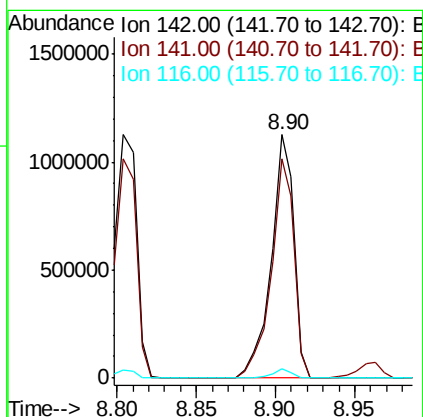
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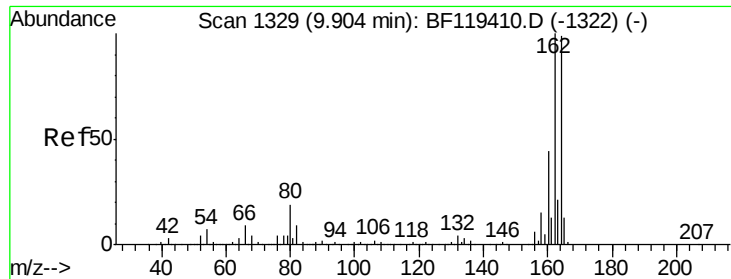
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#38
1-Methylnaphthalene
Concen: 42.402 ng
RT: 8.90 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.7	110.5
116	3.6	3.0	4.6





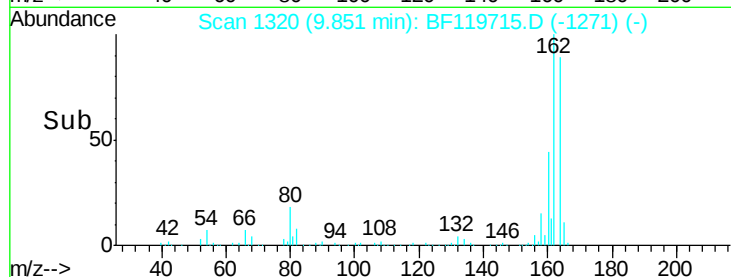
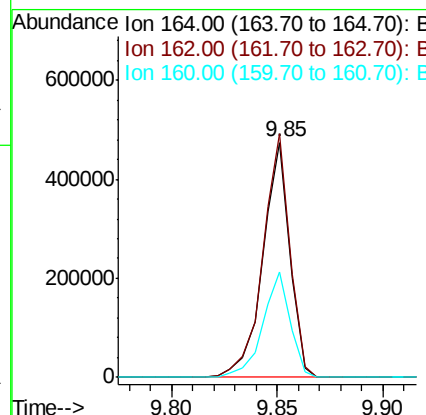
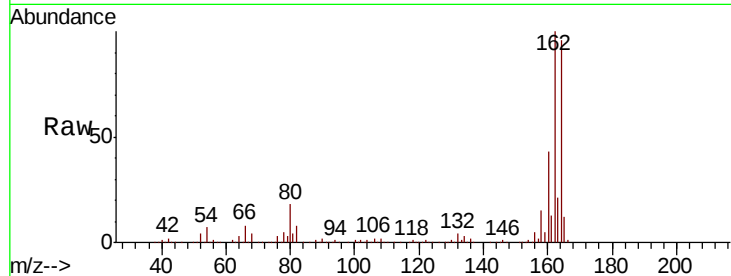
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.7	80.6	121.0	
160	45.1	35.7	53.5	

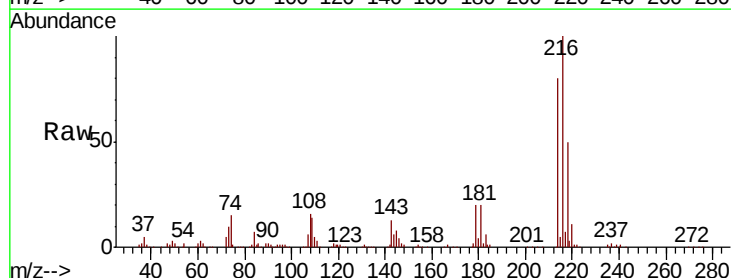
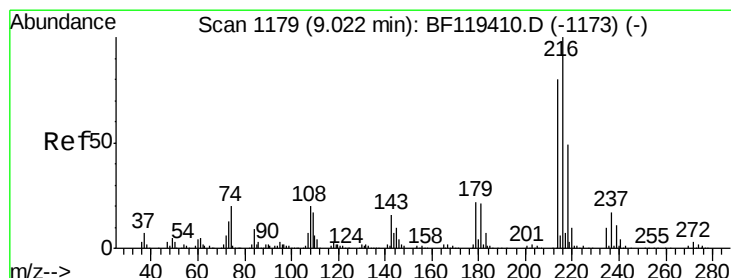
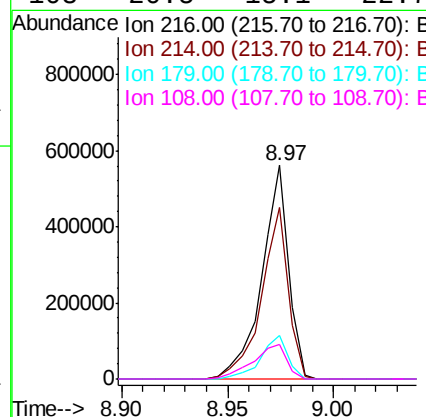
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.939 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	80.0	63.2	94.8	
179	21.0	17.1	25.7	
108	20.5	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 85.114 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA_F

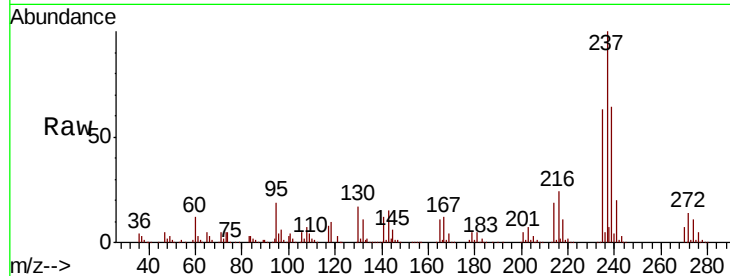
ClientSampleId :

PB127977BS

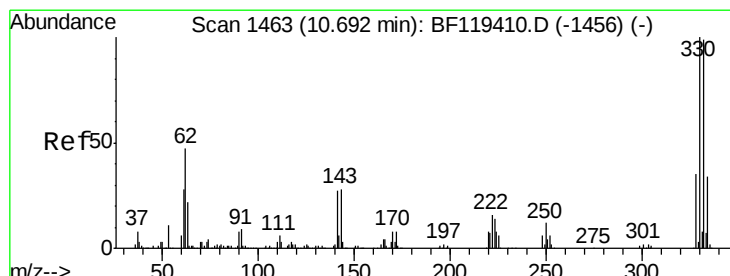
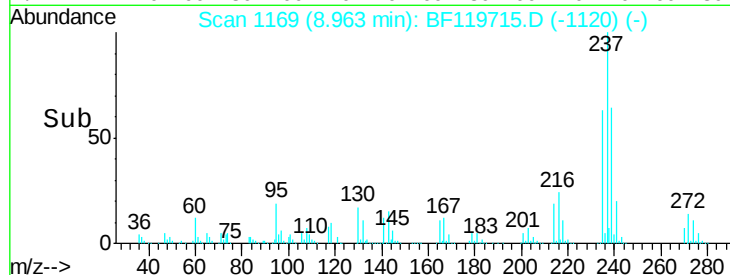
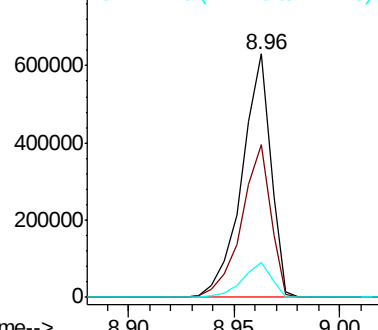
Tot Ion:	237	Resp:	601011
Ion Ratio		Lower	Upper
237	100		
235	62.5	43.2	83.2
272	14.3	0.0	34.1

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



#42

2,4,6-Tribromophenol

Concen: 130.183 ng

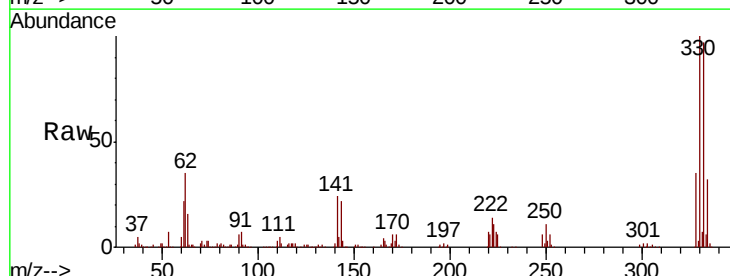
RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

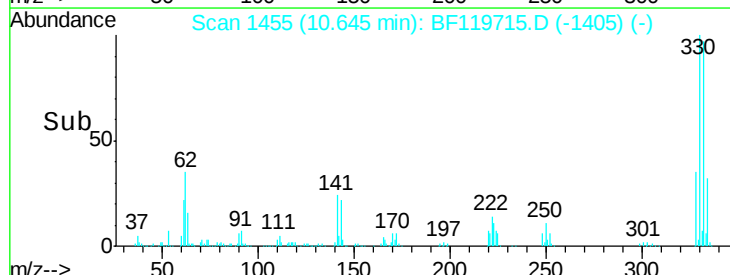
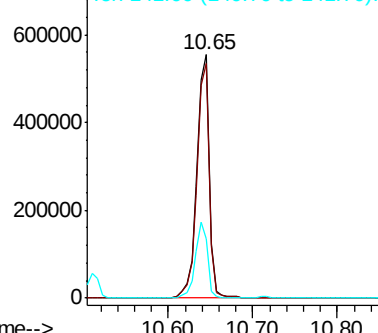
Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Tgt Ion:	330	Resp:	569126
Ion Ratio		Lower	Upper
330	100		
332	96.2	75.7	113.5
141	30.9	25.4	38.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





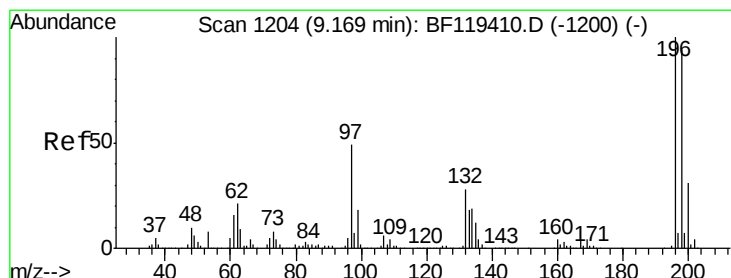
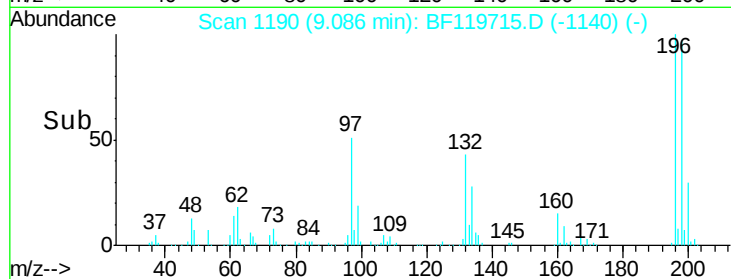
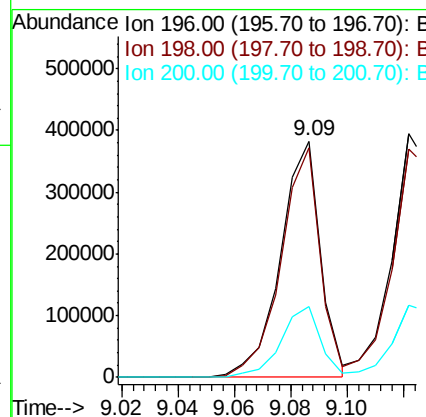
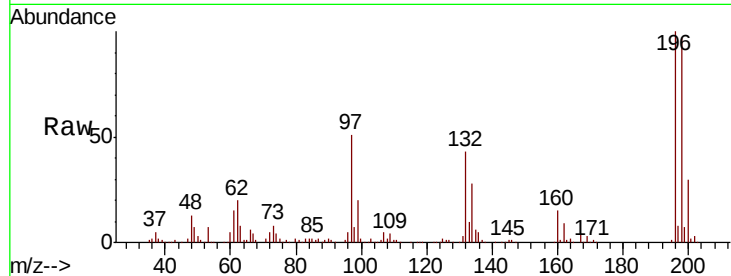
#43
 2,4,6-Trichlorophenol
 Concen: 42.316 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF119715.D
 Acq: 3 Apr 2020 13:26

Instrument :
 BNA_F
 ClientSampleID :
 PB127977BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	376126		
198	97.0	76.6	115.0	
200	30.0	24.6	36.8	

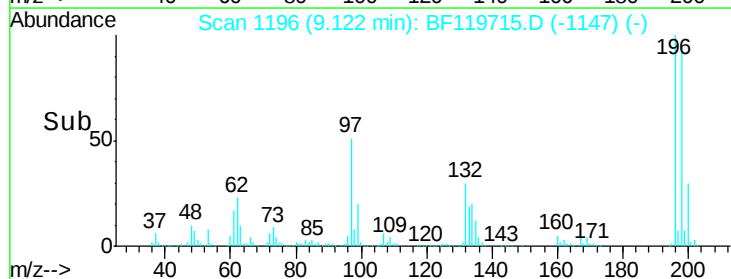
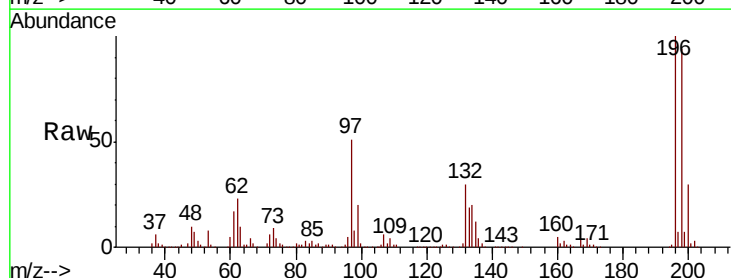
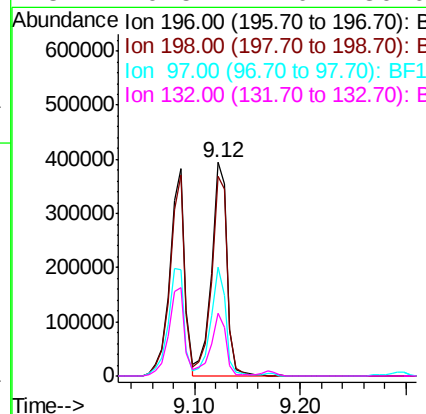
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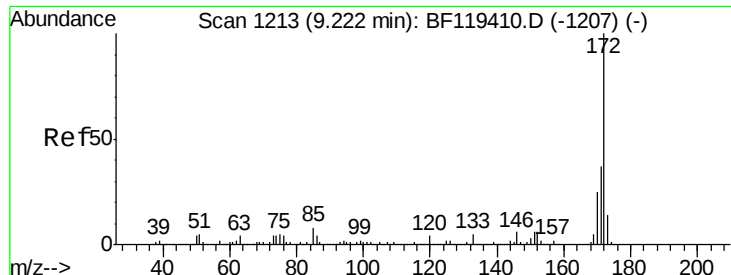
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#44
 2,4,5-Trichlorophenol
 Concen: 40.767 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119715.D
 Acq: 3 Apr 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	405925		
198	93.5	73.8	110.8	
97	51.1	42.6	63.8	
132	29.5	24.0	36.0	





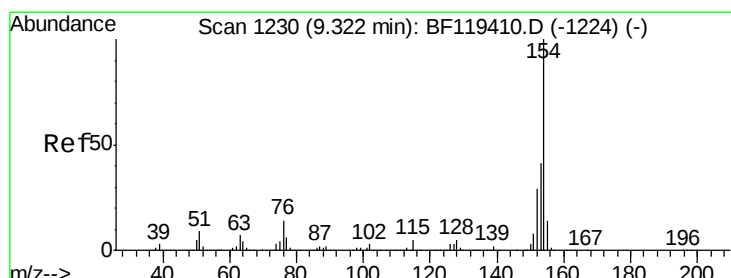
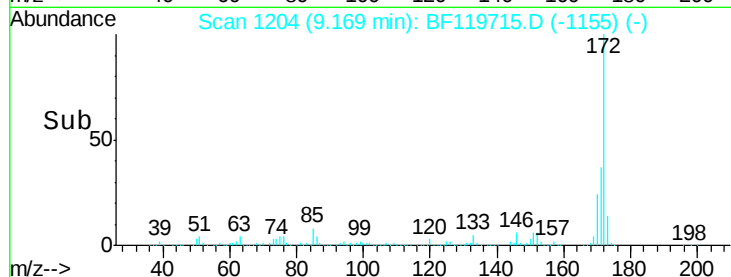
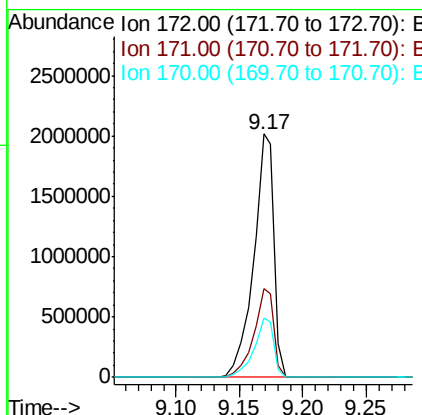
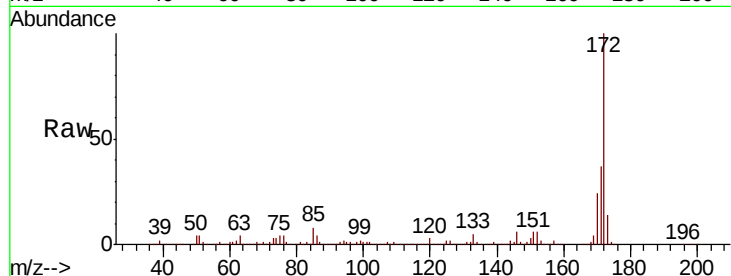
#45
2-Fluorobiphenyl
Concen: 78.734 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.4	20.2	30.2

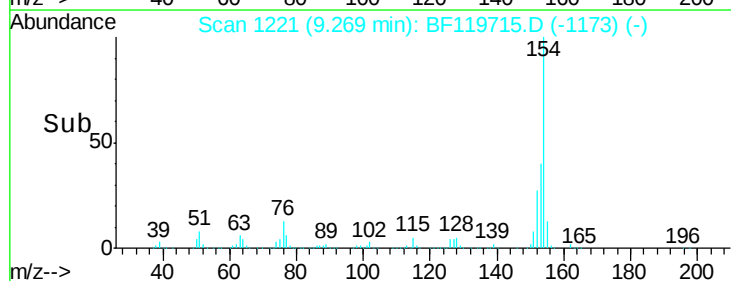
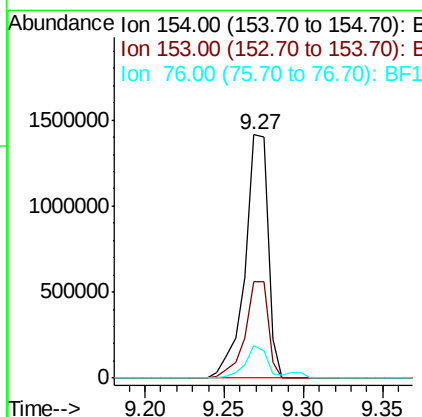
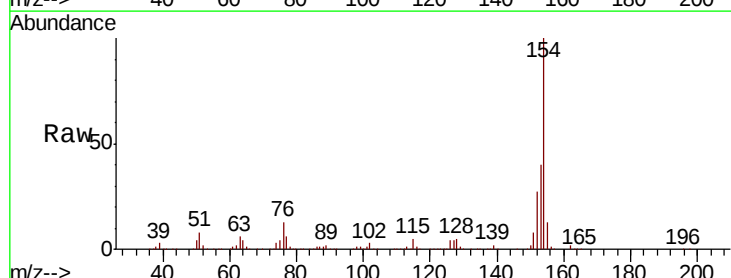
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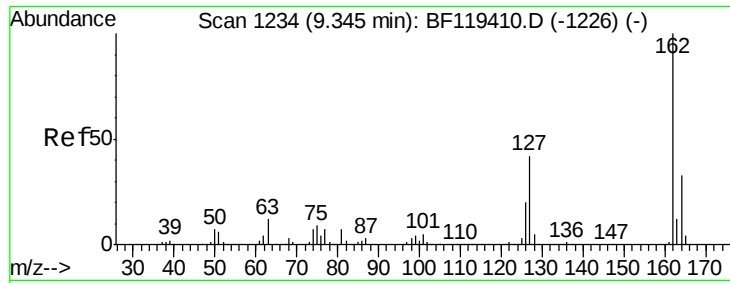
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#46
1,1'-Biphenyl
Concen: 41.068 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.02 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	21.4	61.4
76	13.2	0.0	33.0





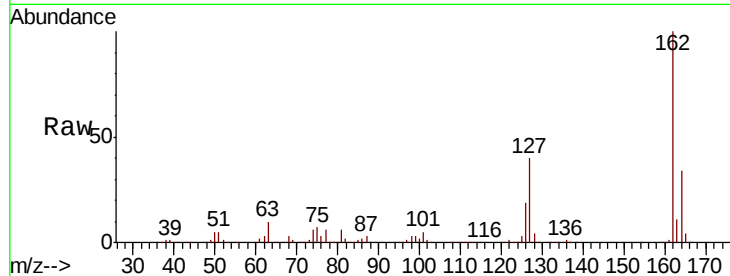
#47
2-Chloronaphthalene
Concen: 40.507 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

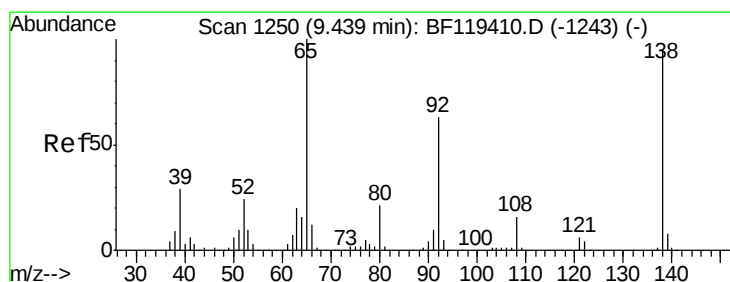
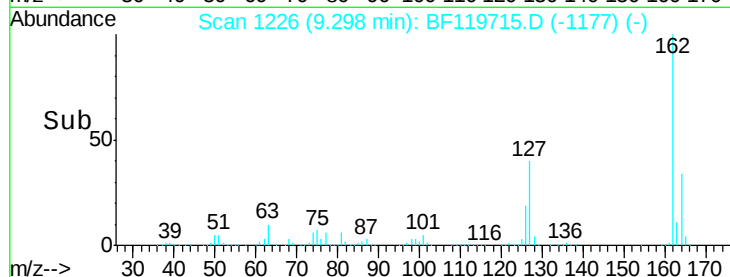
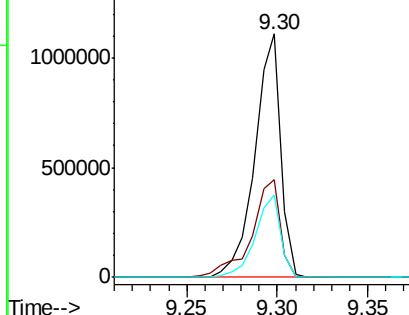
Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	40.0	33.7	50.5	
164	33.7	26.3	39.5	

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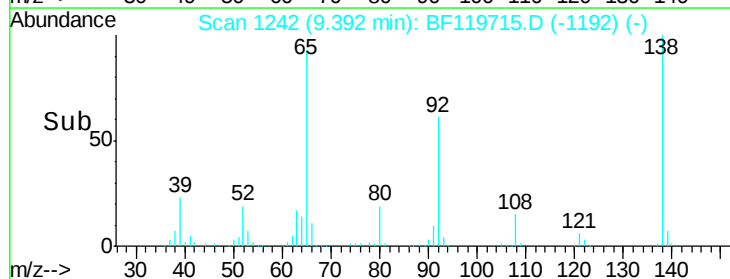
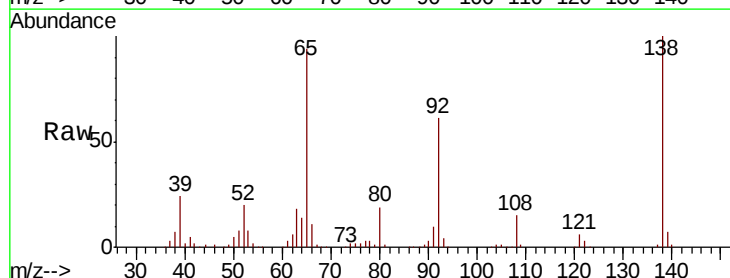
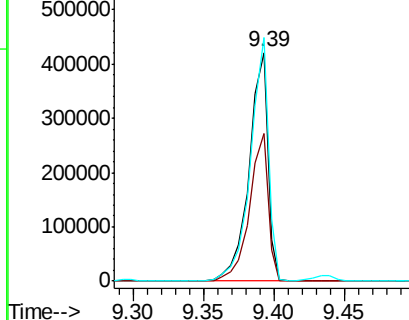
Abundance Ion 162.00 (161.70 to 162.70): E
1500000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

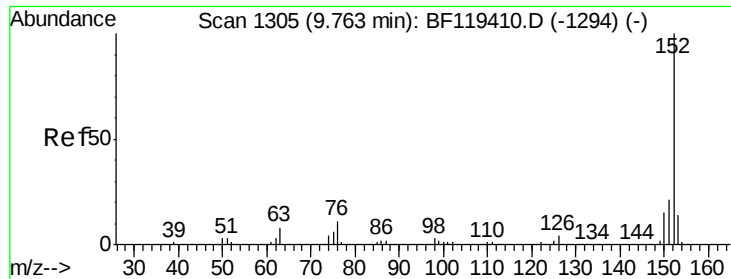


#48
2-Nitroaniline
Concen: 42.455 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	64.7	50.0	75.0	
138	106.6	75.0	112.4	

Abundance Ion 65.00 (64.70 to 65.70): BF1
600000 Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.016 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA_F

ClientSampleId :

PB127977BS

Tot Ion:152 Resp: 1741266

Ion Ratio Lower Upper

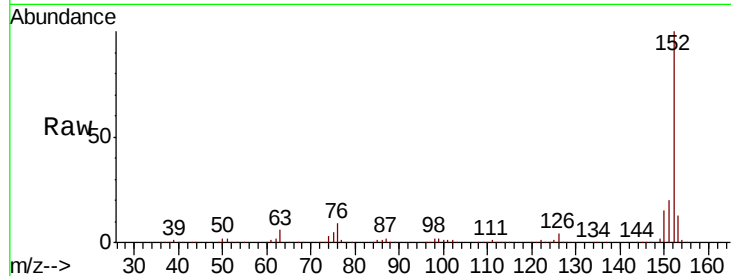
152 100

151 20.4 17.2 25.8

153 13.3 11.2 16.8

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

9.72

1500000

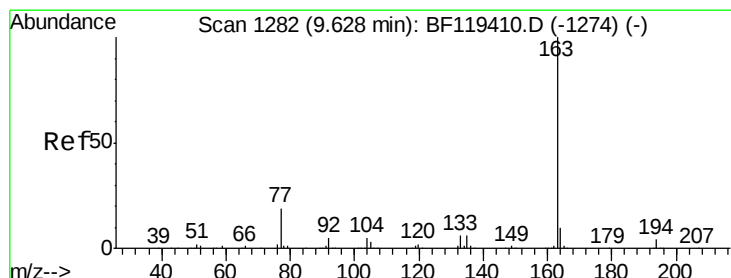
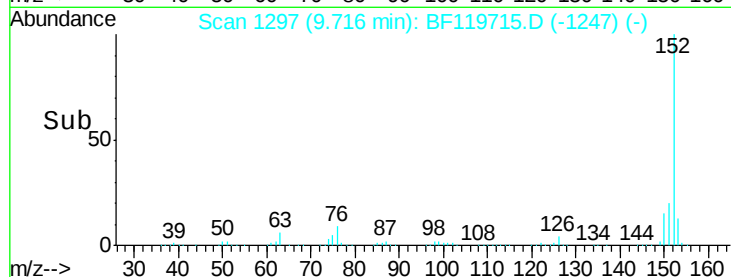
1000000

500000

0

9.65 9.70 9.75 9.80

Time-->



#50

Dimethylphthalate

Concen: 41.867 ng

RT: 9.57 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

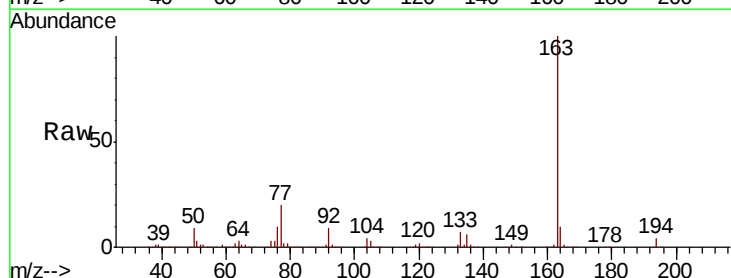
Tgt Ion:163 Resp: 1260170

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.3 8.2 12.2



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

9.57

1500000

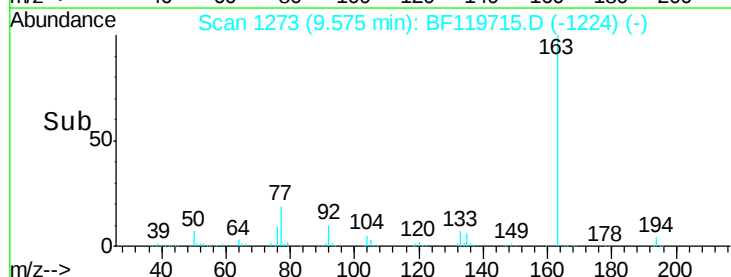
1000000

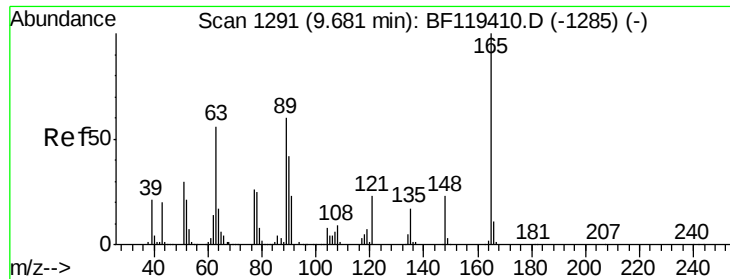
500000

0

9.50 9.55 9.60 9.65

Time-->





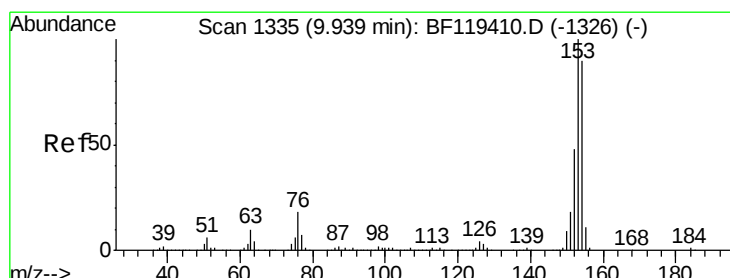
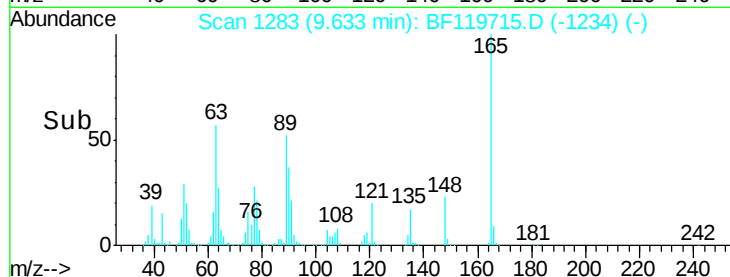
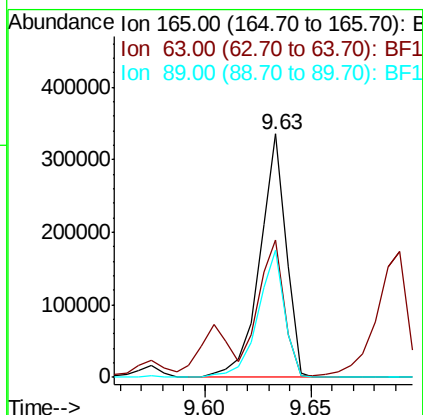
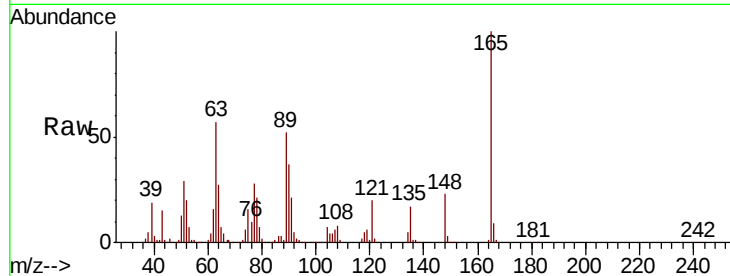
#51
2,6-Dinitrotoluene
Concen: 45.086 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	290878		
63	56.6	45.0	67.4	
89	52.4	41.5	62.3	

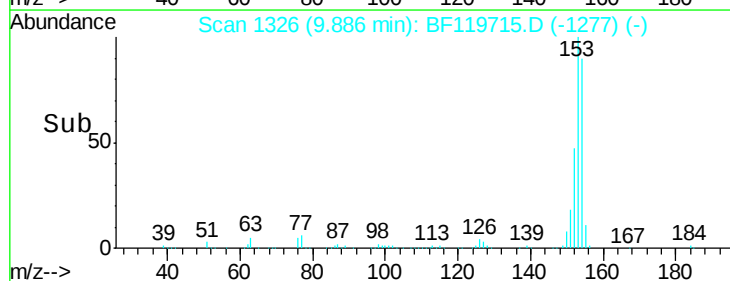
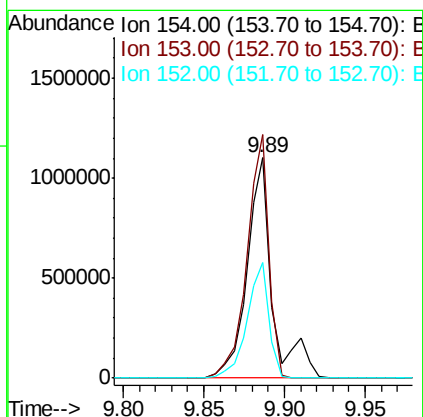
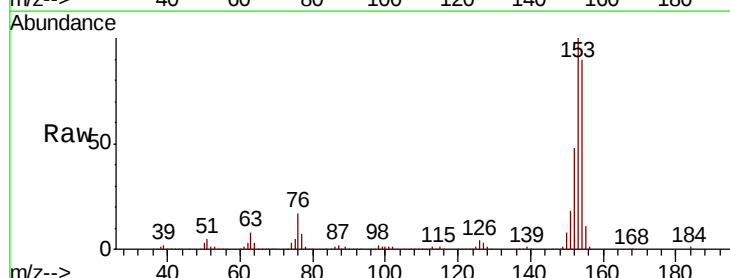
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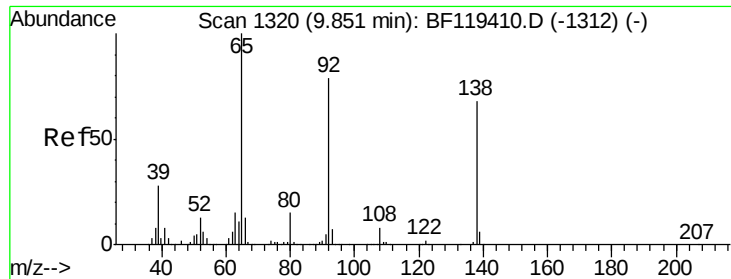
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#52
Acenaphthene
Concen: 45.817 ng m
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1212594		
153	110.7	88.1	132.1	
152	52.8	43.0	64.4	





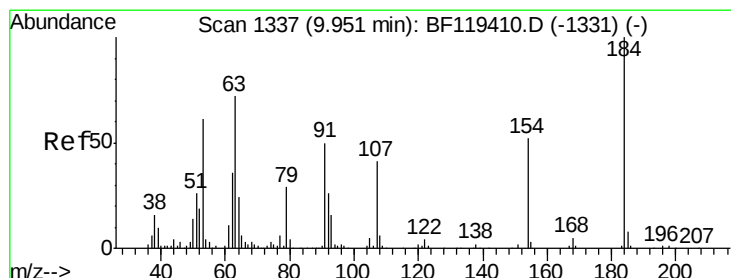
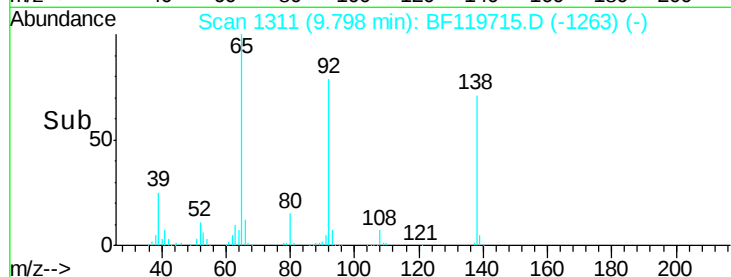
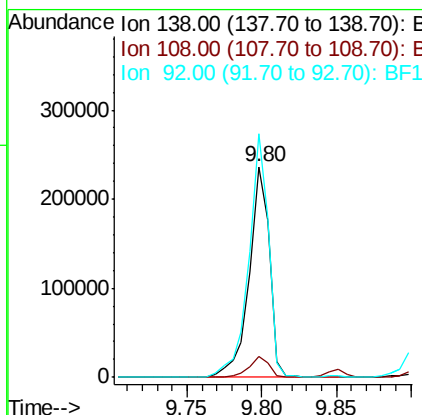
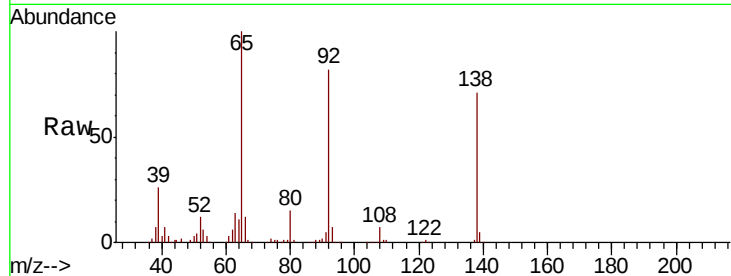
#53
3-Nitroaniline
Concen: 27.153 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	221161		
108	10.1	8.6	13.0	
92	115.7	95.4	143.0	

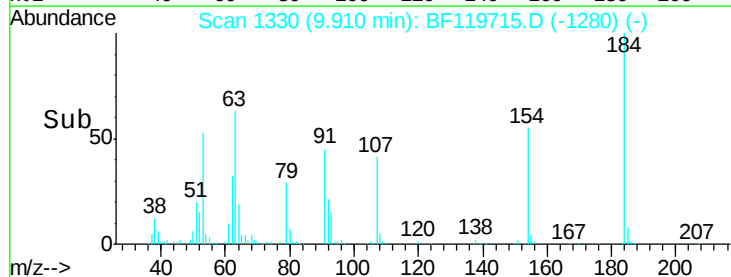
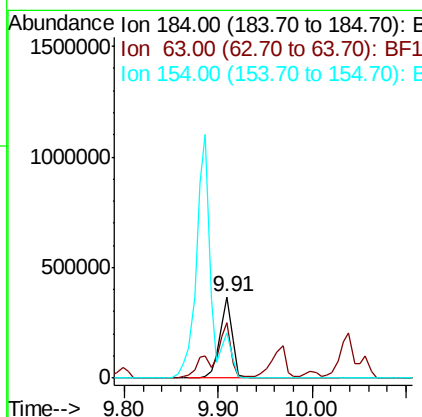
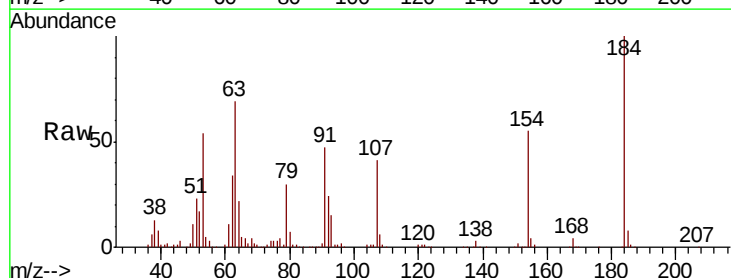
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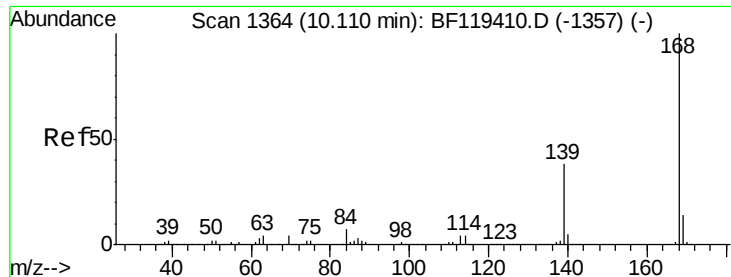
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#54
2,4-Dinitrophenol
Concen: 119.430 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	344414		
63	68.5	50.2	75.4	
154	55.0	44.5	66.7	





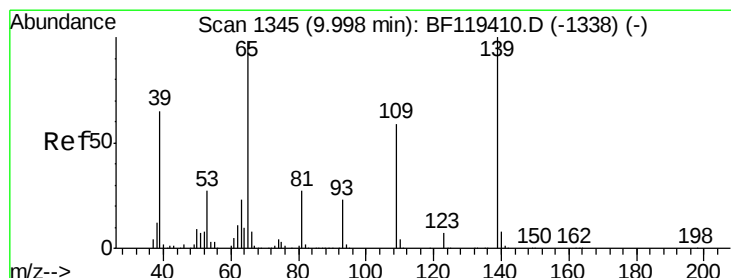
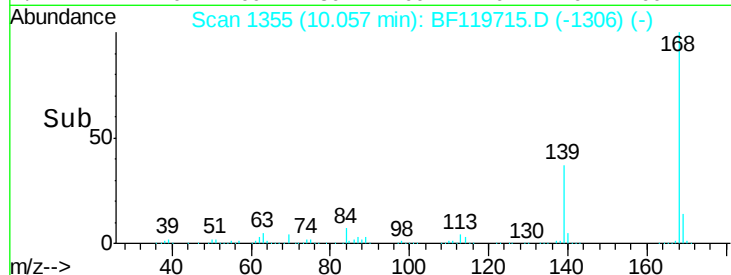
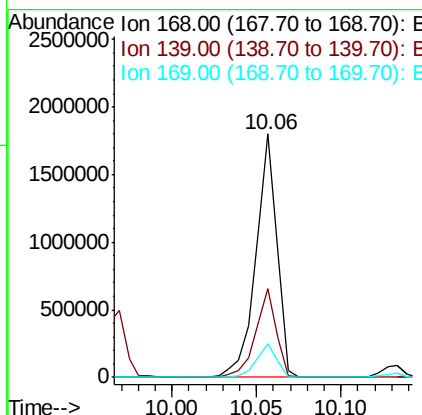
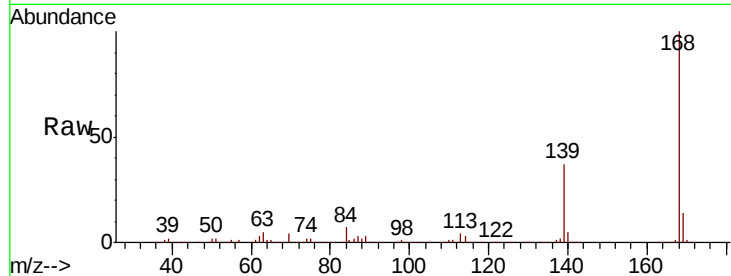
#55
Dibenzenofuran
Concen: 41.492 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.1	45.1
169	13.6	11.0	16.6

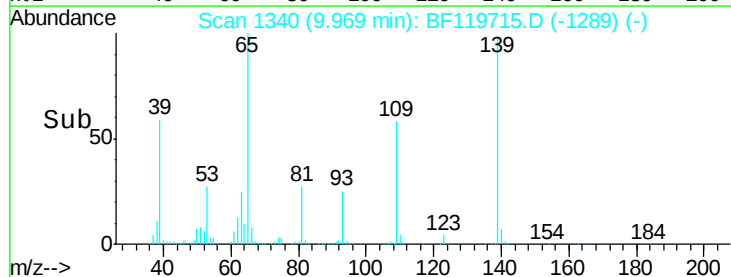
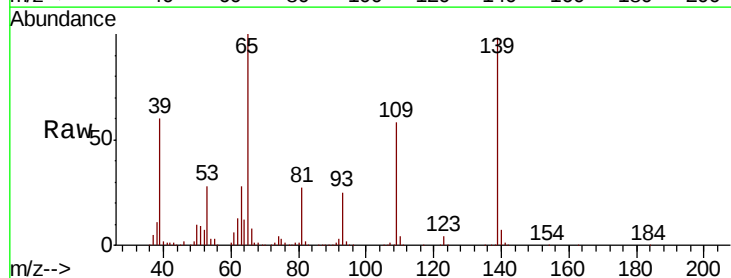
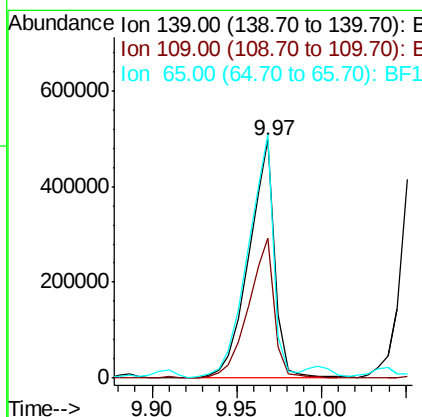
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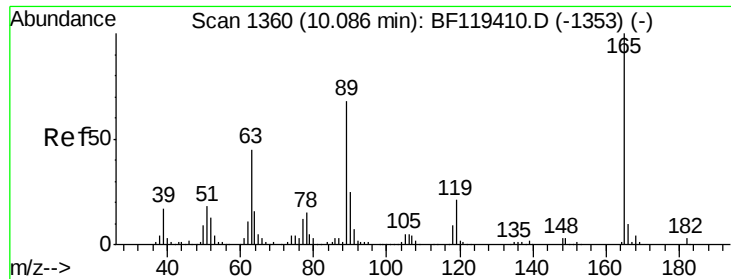
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#56
4-Nitrophenol
Concen: 82.640 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	58.9	43.3	83.3
65	102.2	91.0	131.0





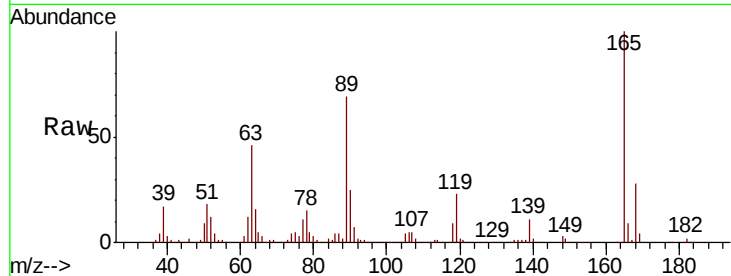
#57
2,4-Dinitrotoluene
Concen: 48.006 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

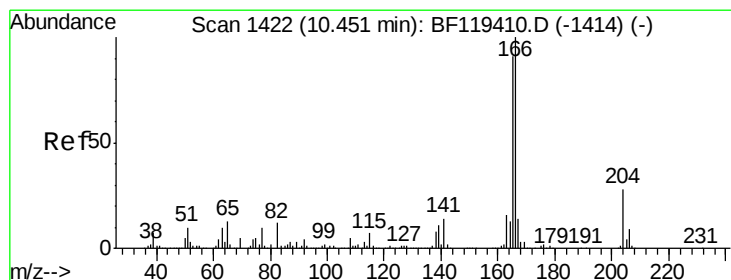
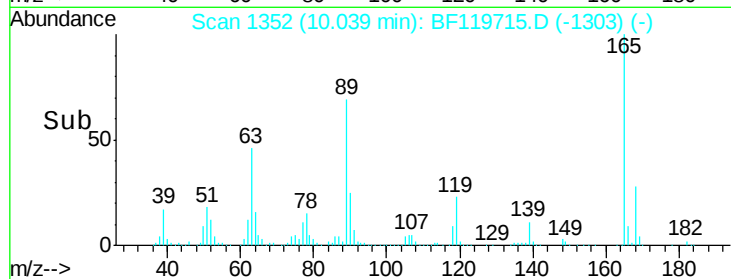
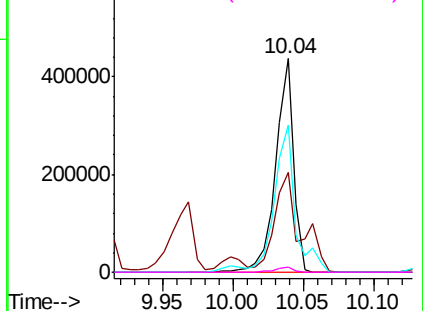
Tot Ion	Ratio	Resp	Lower	Upper
165	100	390165		
63	46.5	42.6	64.0	
89	68.9	61.0	91.4	
182	2.4	2.2	3.2	

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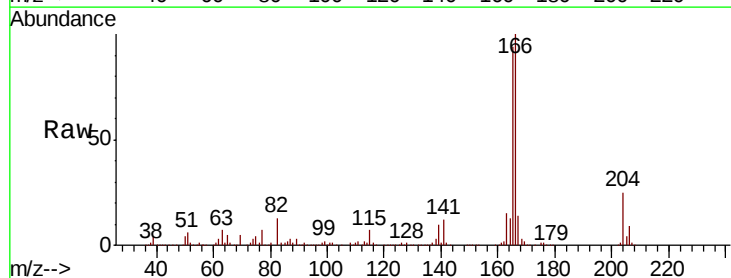


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

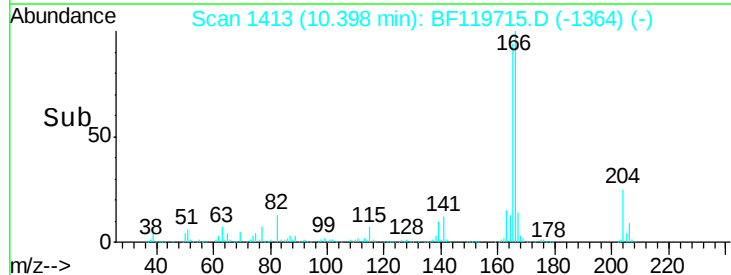
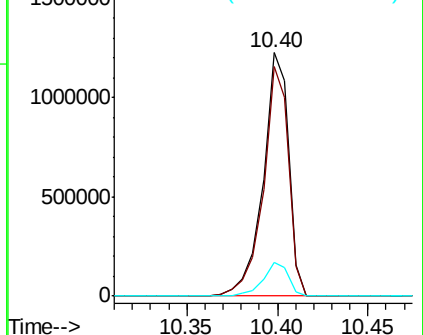


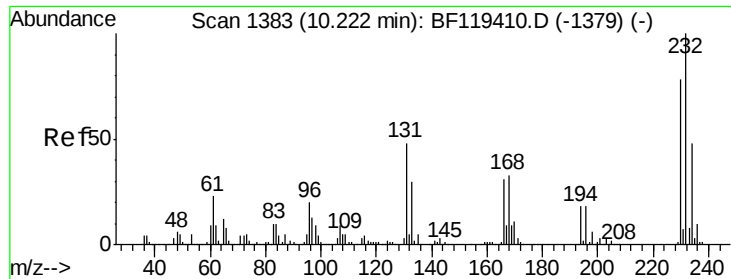
#58
Fluorene
Concen: 42.933 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1204715		
165	94.1	75.4	113.2	
167	14.0	11.2	16.8	



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: 45.241 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA_F

ClientSampleId :

PB127977BS

Tot Ion:232 Resp: 336719

Ion Ratio Lower Upper

232 100

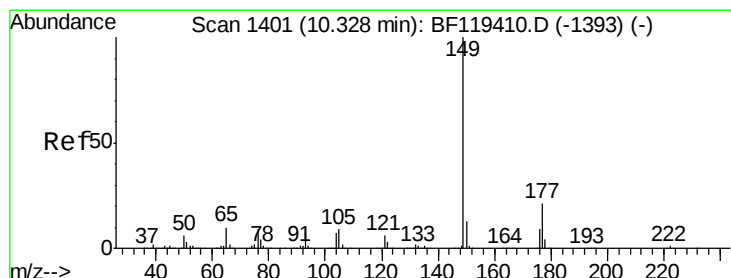
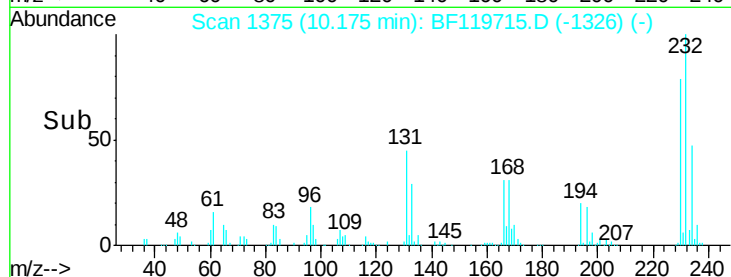
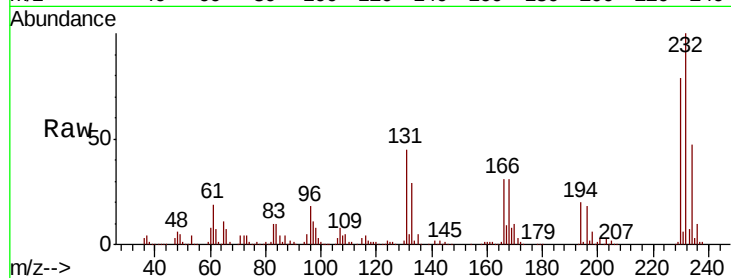
131 44.7 37.5 56.3

130 2.0 1.8 2.6

166 30.5 24.6 36.8

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#60

Diethylphthalate

Concen: 42.186 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

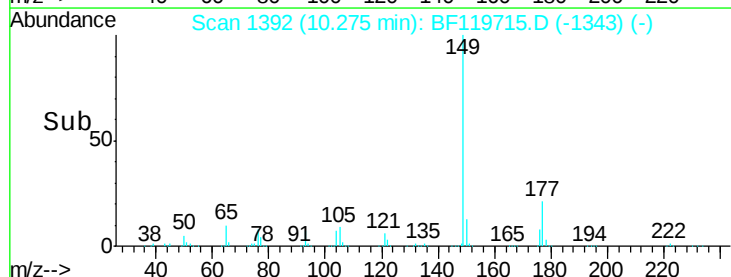
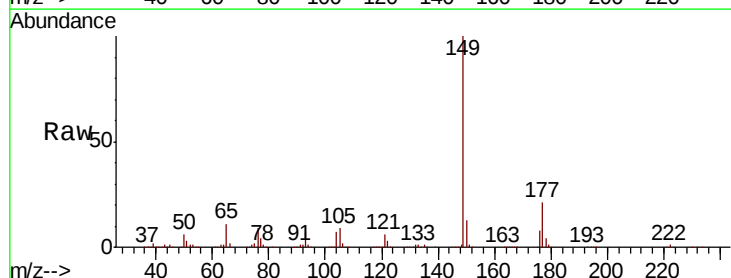
Tgt Ion:149 Resp: 1288740

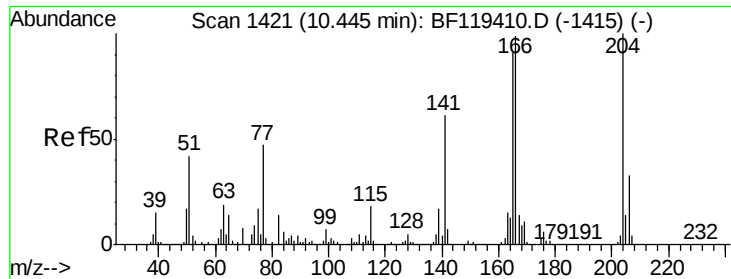
Ion Ratio Lower Upper

149 100

177 21.2 17.0 25.6

150 12.7 10.1 15.1





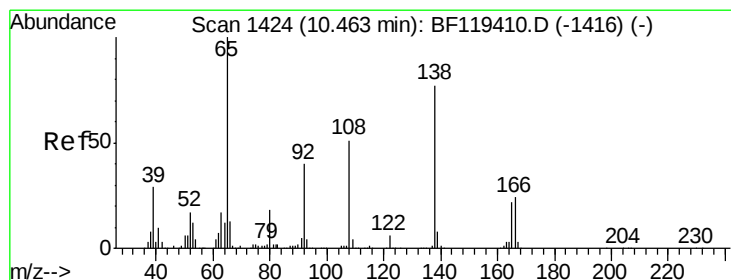
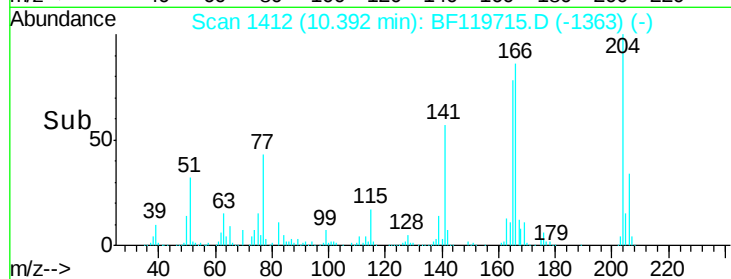
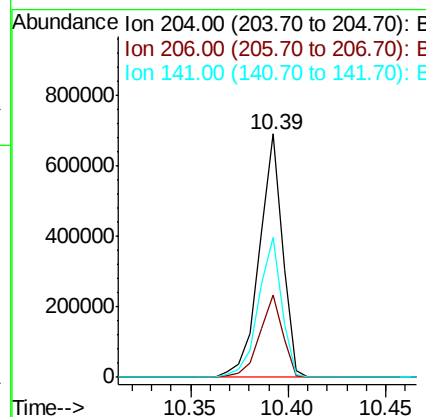
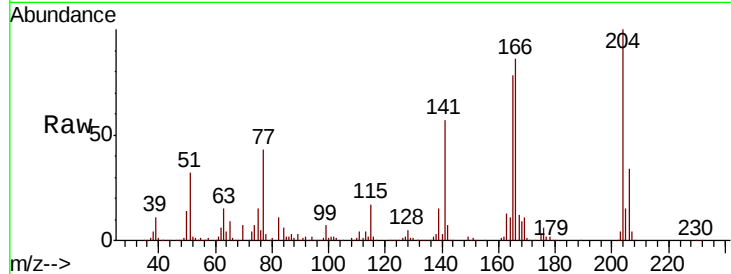
#61
 4-Chlorophenyl-phenylether
 Concen: 41.364 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: BF119715.D
 Acq: 3 Apr 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB127977BS

Tot Ion:	204	Resp:	567597
Ion Ratio	Lower	Upper	
204	100		
206	34.0	26.7	40.1
141	57.4	47.3	70.9

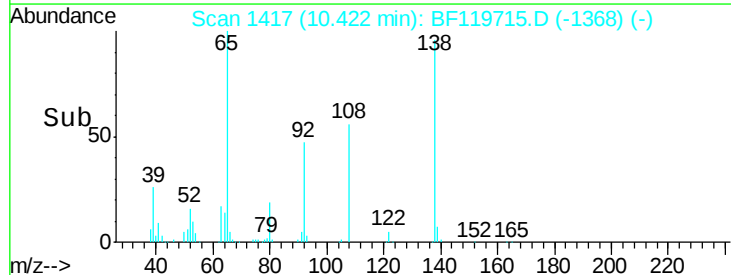
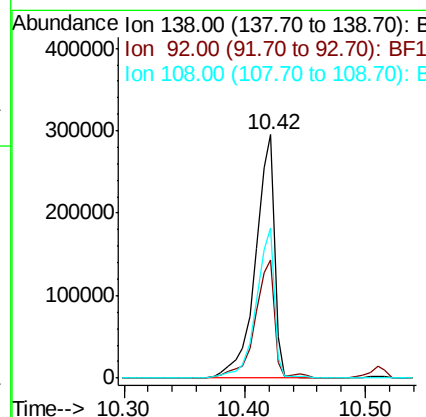
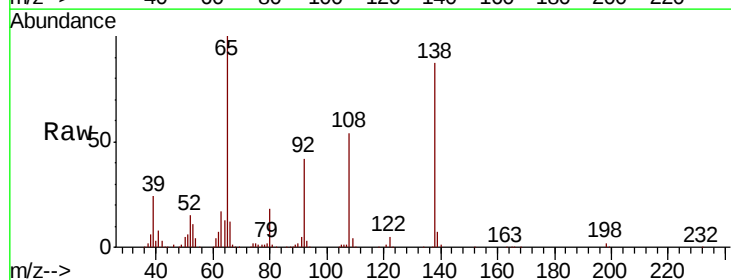
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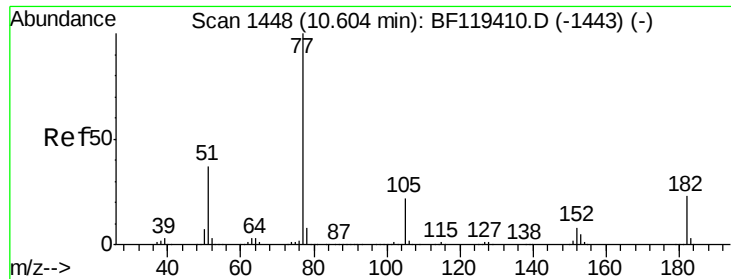
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#62
 4-Nitroaniline
 Concen: 41.789 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF119715.D
 Acq: 3 Apr 2020 13:26

Tgt Ion:	138	Resp:	326401
Ion Ratio	Lower	Upper	
138	100		
92	48.7	31.5	71.5
108	61.5	45.8	85.8





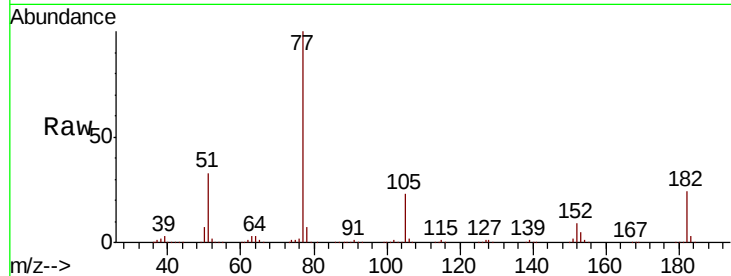
#63
Azobenzene
Concen: 40.434 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

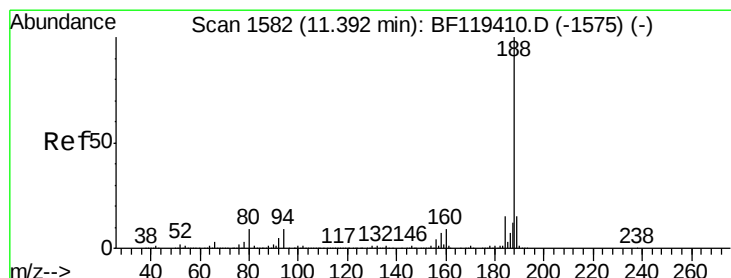
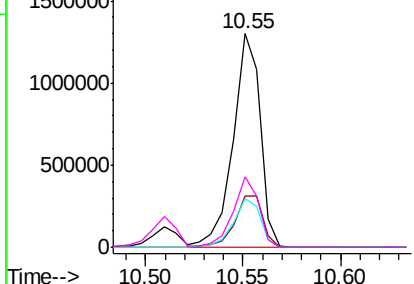
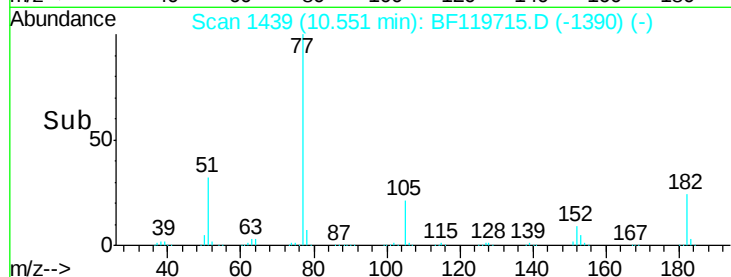
Tot Ion	Ratio	Lower	Upper
77	100		
182	23.9	4.4	44.4
105	22.8	2.6	42.6
51	32.7	15.1	55.1

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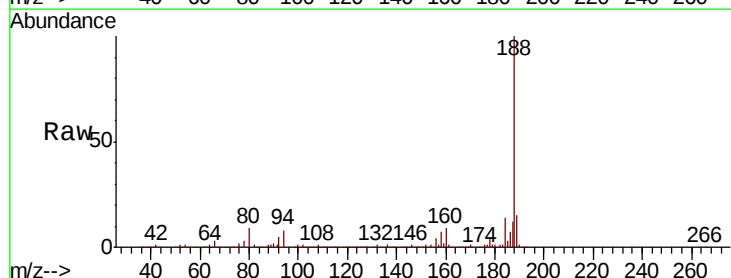


Abundance Ion 77.00 (76.70 to 77.70): BF1
2000000
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

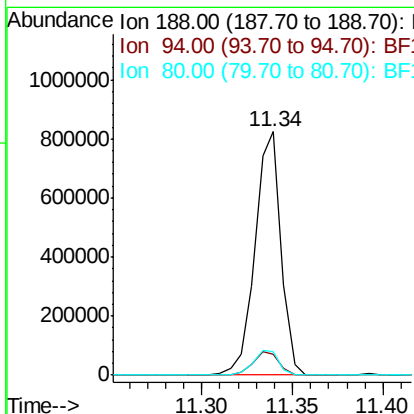
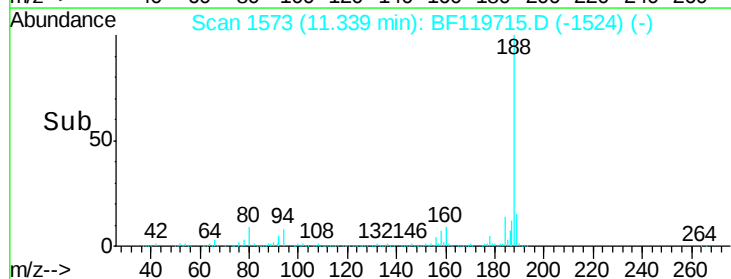


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.5	11.3
80	9.5	9.0	13.4



Abundance Ion 188.00 (187.70 to 188.70): BF1
1000000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





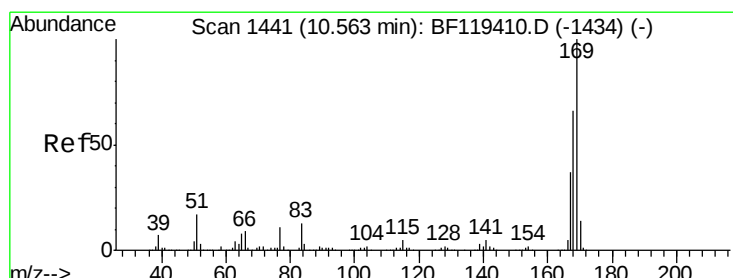
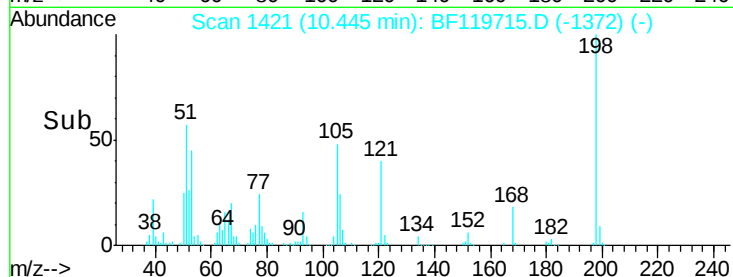
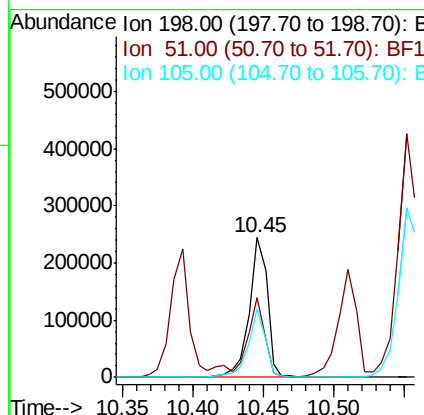
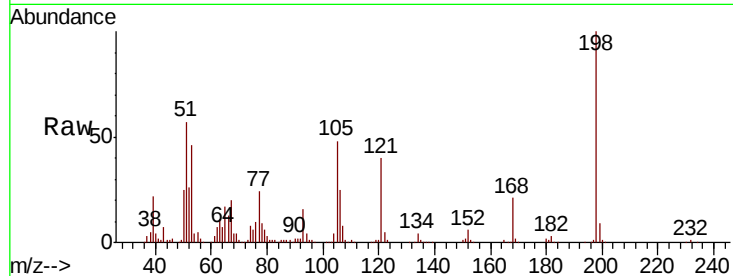
#65
4,6-Dinitro-2-methylphenol
Concen: 64.717 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampled :
PB127977BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	221862		
51	57.4	29.0	69.0	
105	48.5	22.2	62.2	

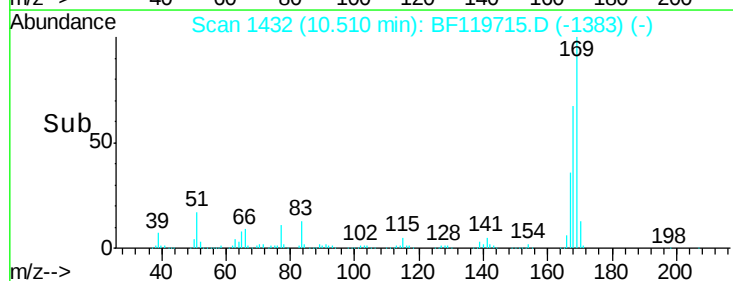
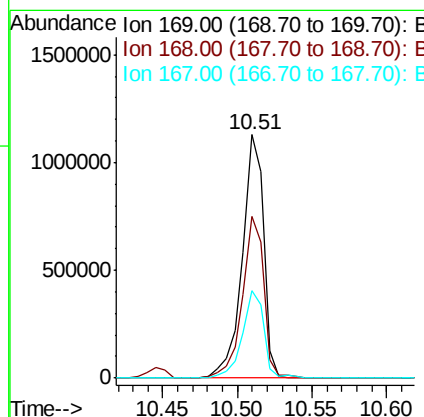
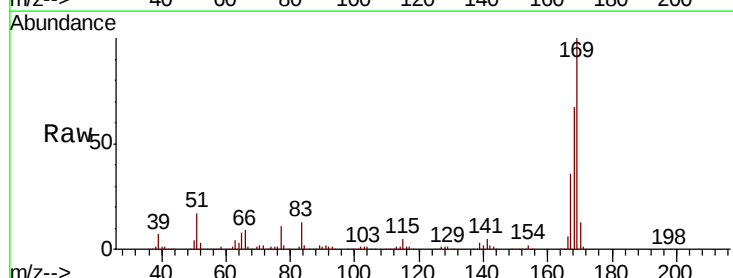
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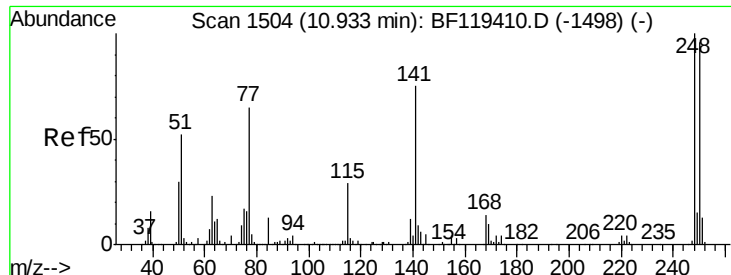
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 41.671 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1118399		
168	66.7	53.2	79.8	
167	36.1	29.1	43.7	





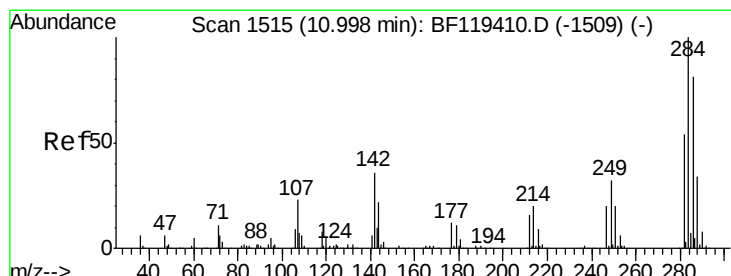
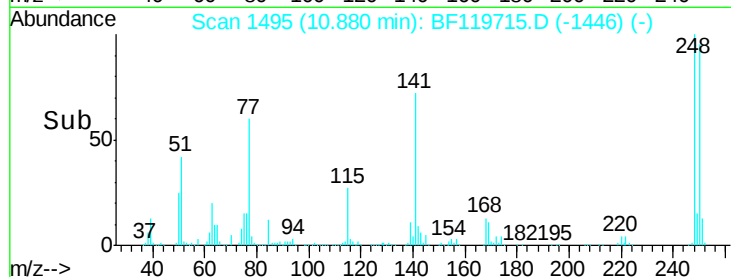
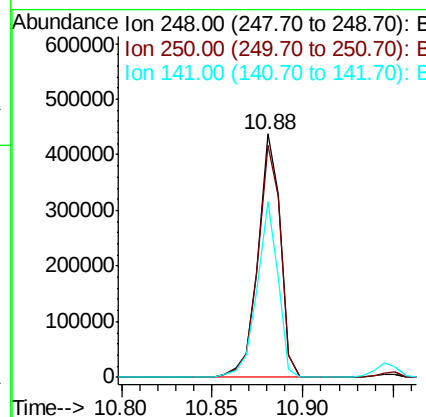
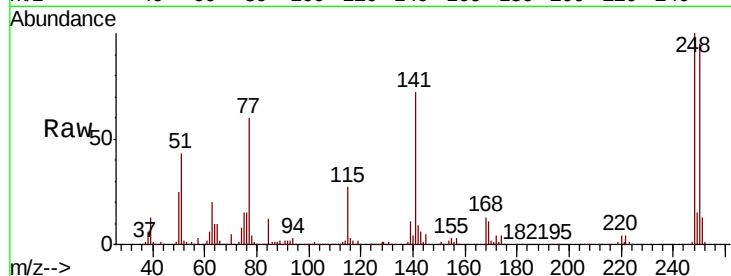
#67
4-Bromophenyl-phenylether
Concen: 40.235 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.3	77.3	115.9
141	72.1	58.6	87.8

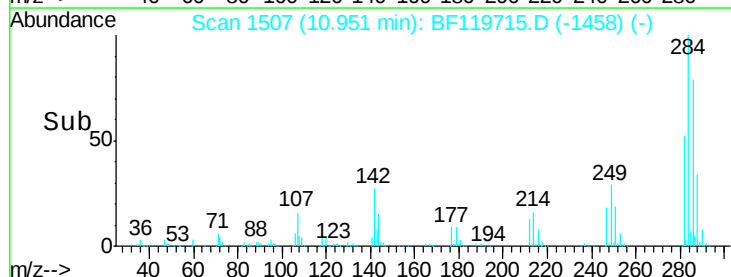
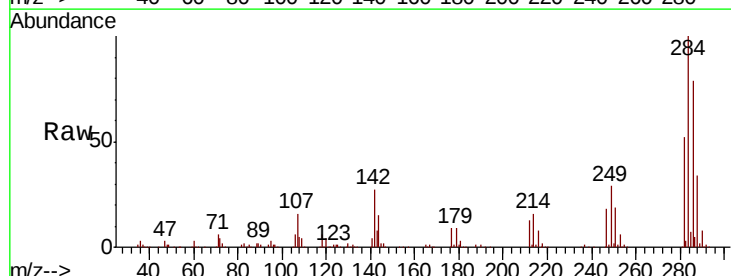
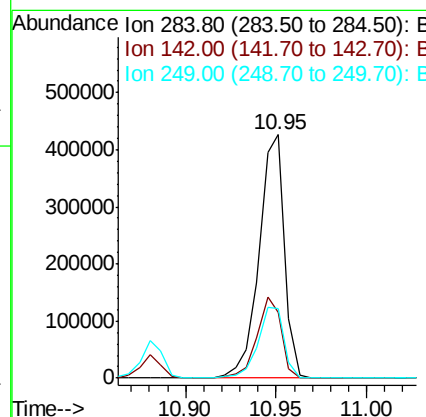
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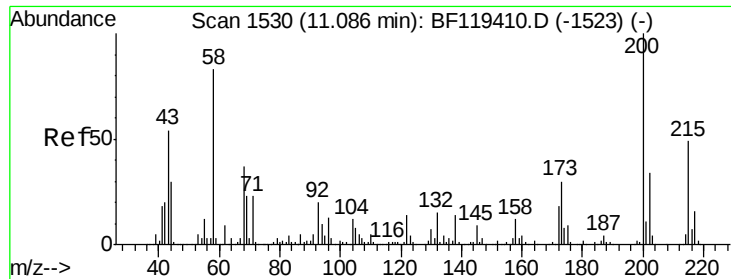
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#68
Hexachlorobenzene
Concen: 43.381 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.0	29.2	43.8#
249	28.6	25.1	37.7





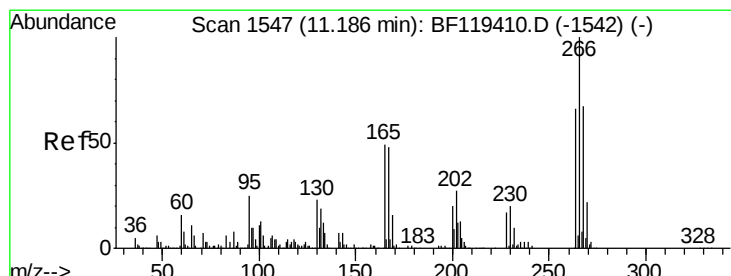
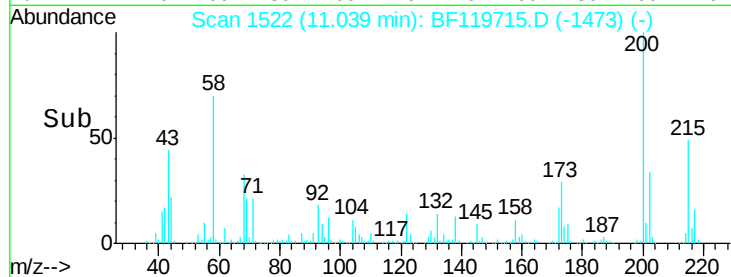
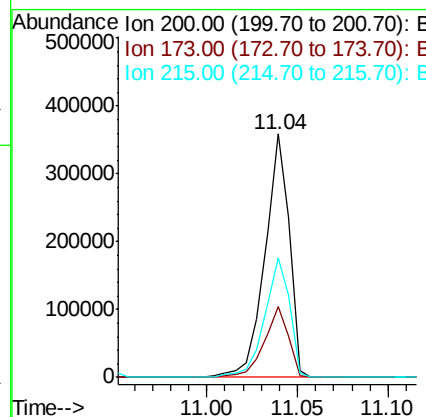
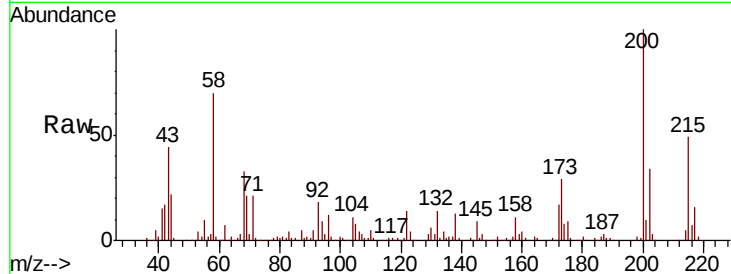
#69
Atrazine
Concen: 45.659 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.3	9.3	49.3
215	48.9	29.5	69.5

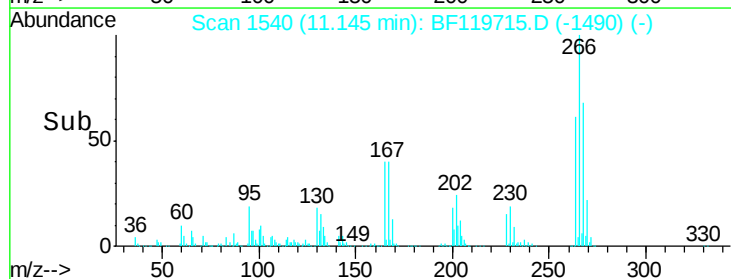
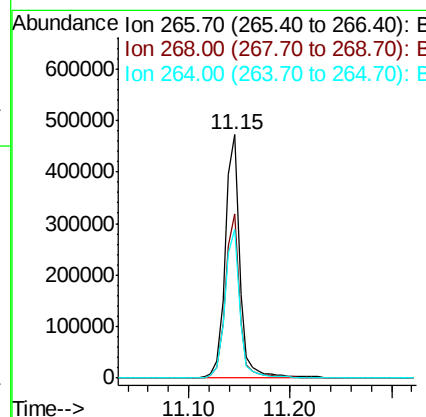
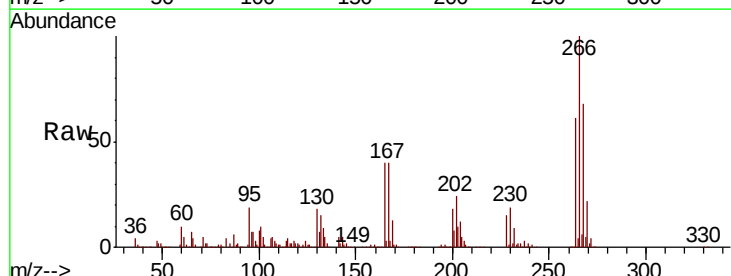
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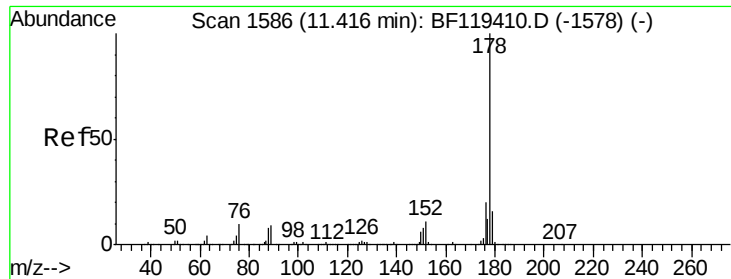
mohammad
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#70
Pentachlorophenol
Concen: 85.135 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.6	53.3	79.9
264	61.2	49.0	73.4





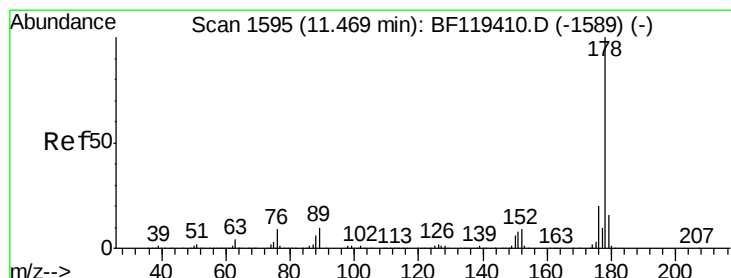
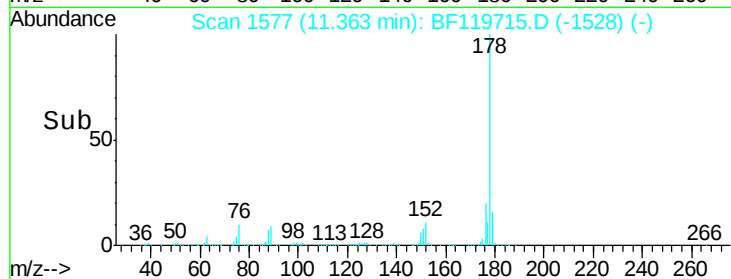
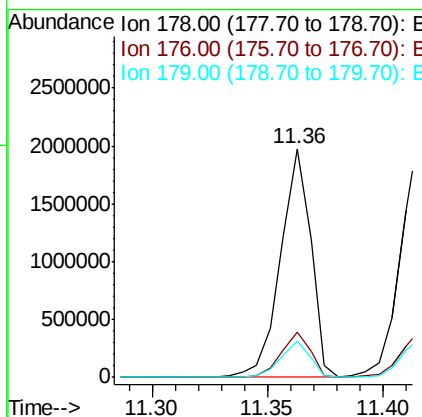
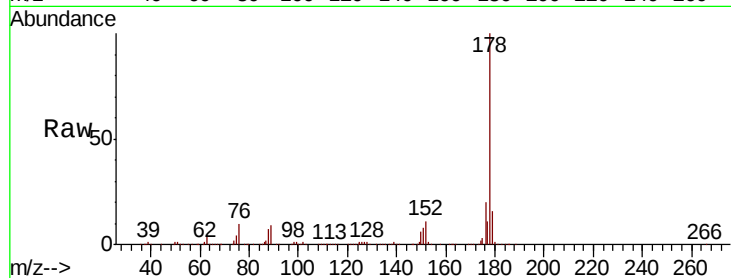
#71
Phenanthrene
Concen: 42.270 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

Tot Ion:178 Resp: 1791914
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.4
179 15.7 13.2 19.8

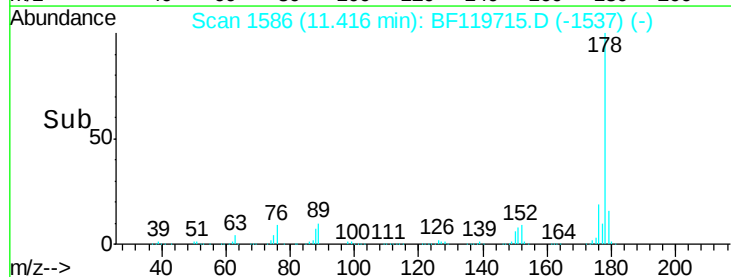
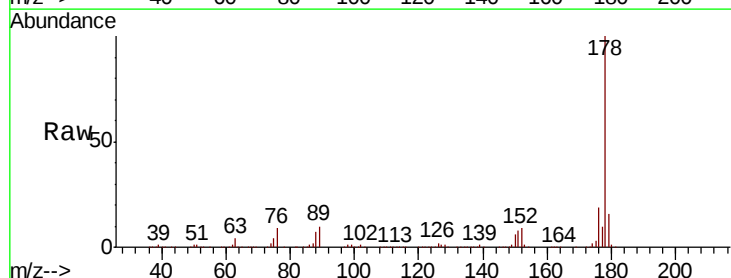
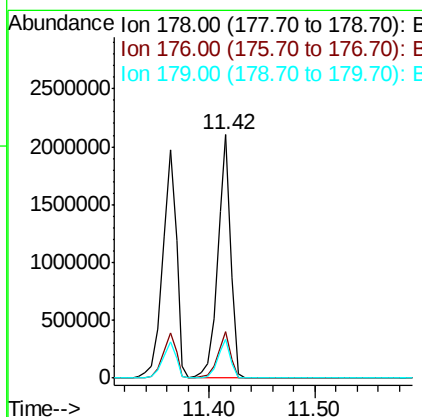
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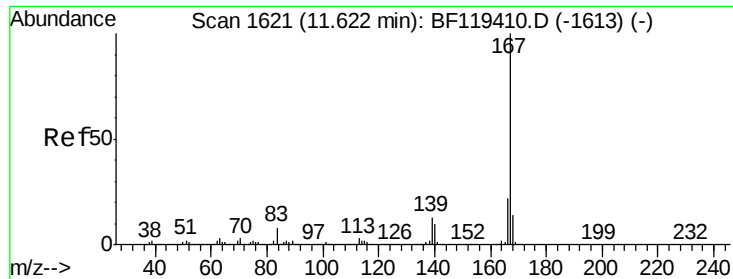
mohammad
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#72
Anthracene
Concen: 42.336 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion:178 Resp: 1824031
Ion Ratio Lower Upper
178 100
176 19.2 16.1 24.1
179 15.9 13.0 19.4





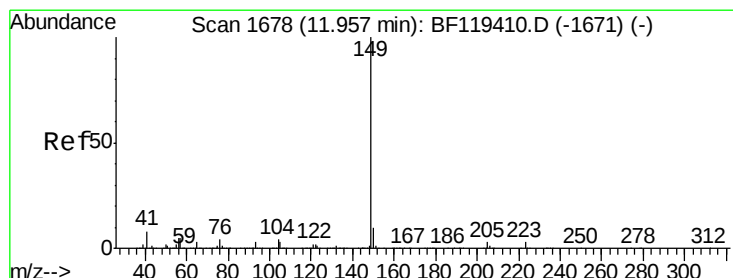
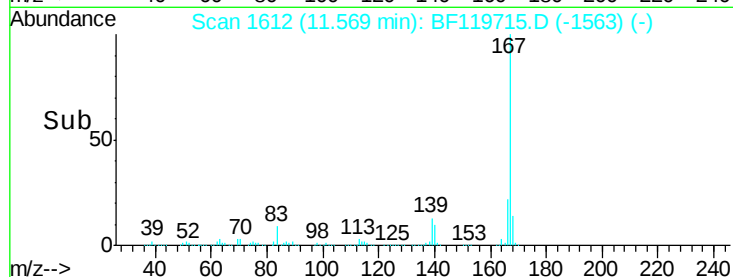
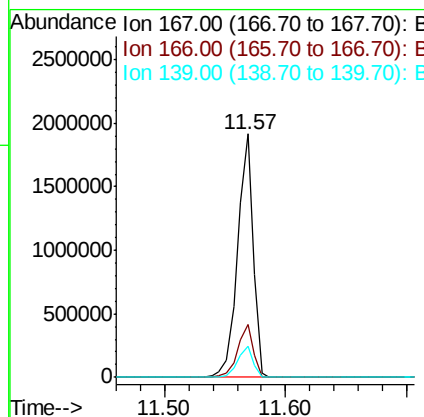
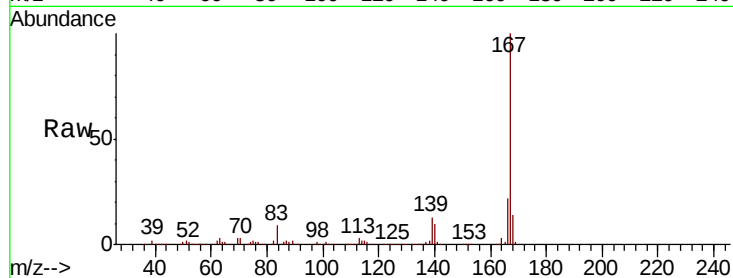
#73
 Carbazole
 Concen: 40.677 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF119715.D
 Acq: 3 Apr 2020 13:26

Instrument :
 BNA_F
 ClientSampleId :
 PB127977BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.2	27.4
139	12.8	10.7	16.1

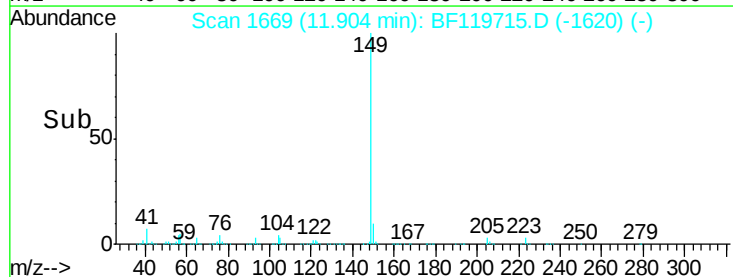
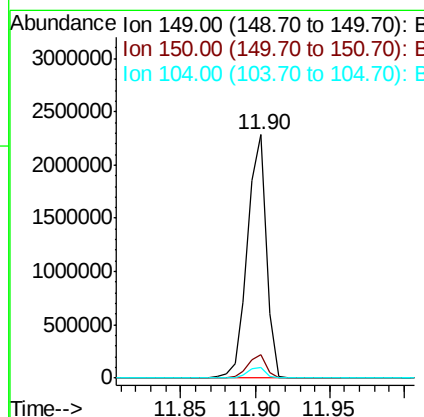
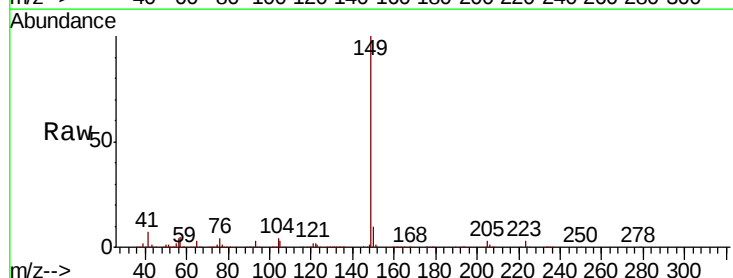
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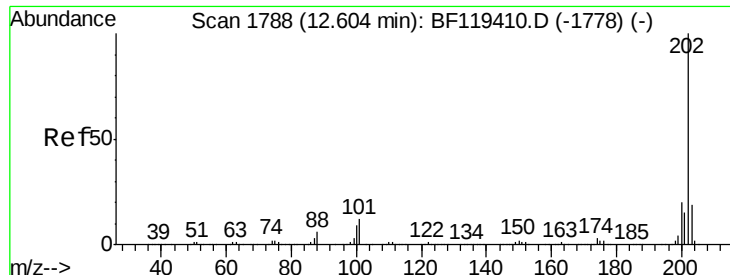
mohammad
 4/6/2020 1:38:42 PM



#74
 Di-n-butylphthalate
 Concen: 43.813 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BF119715.D
 Acq: 3 Apr 2020 13:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.8
104	4.4	3.6	5.4





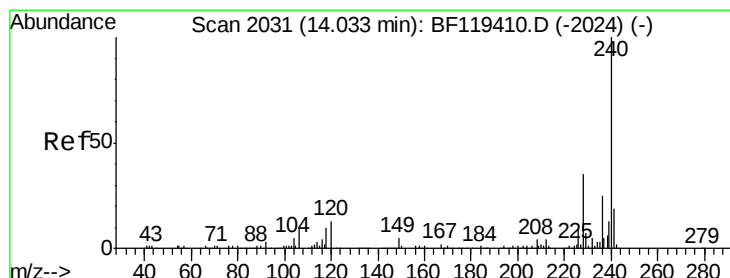
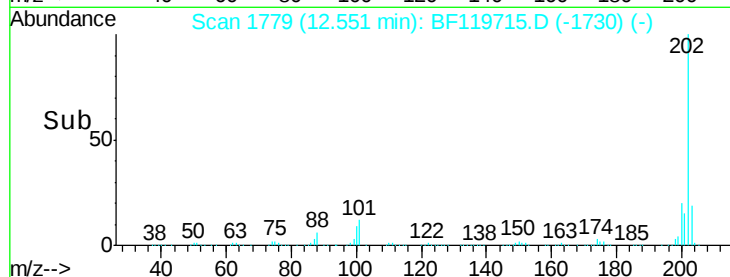
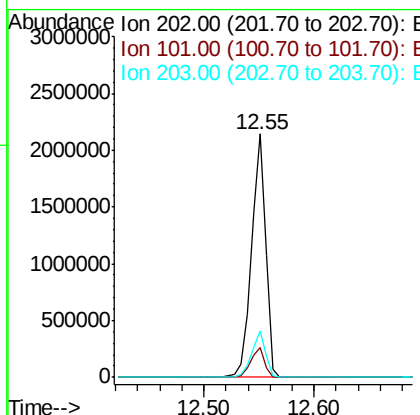
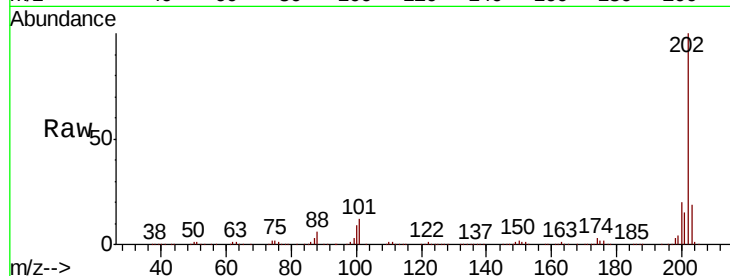
#75
Fluoranthene
Concen: 42.107 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1931820		
101	12.2	0.0	32.2	
203	18.9	0.0	38.8	

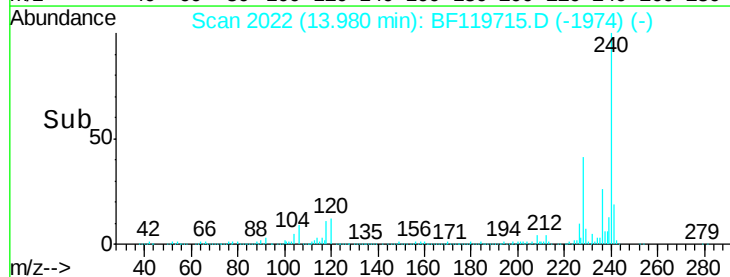
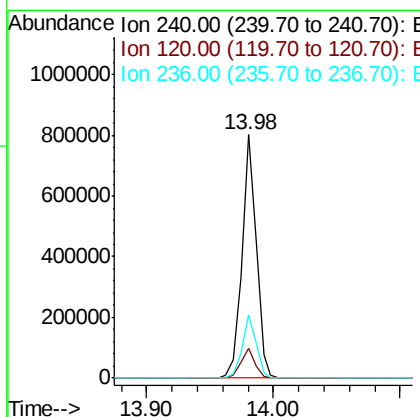
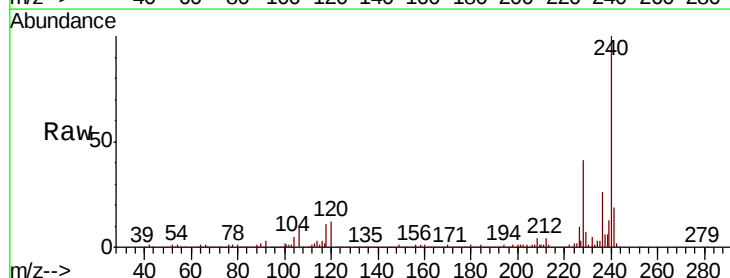
Manual Integrations
APPROVED

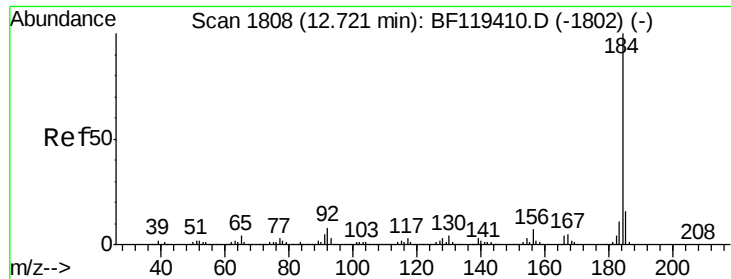
mohammad
4/6/2020 1:38:42 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	616078		
120	12.1	10.6	15.8	
236	26.1	20.2	30.2	





#77

Benzidine

Concen: 36.904 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA_F

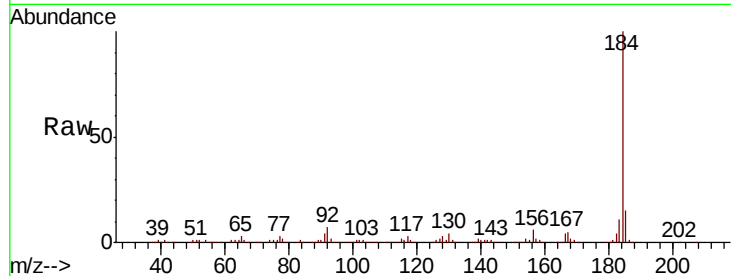
ClientSampleId :

PB127977BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.3	18.5
183	11.1	9.0	13.6

Manual Integrations
APPROVED

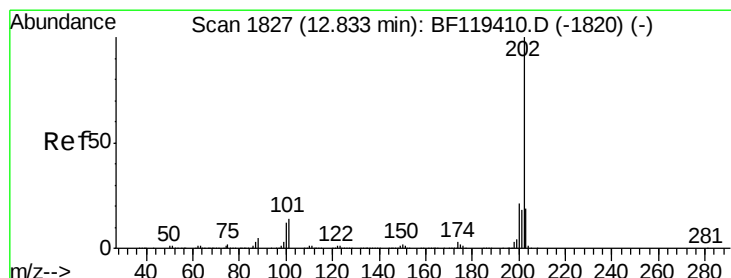
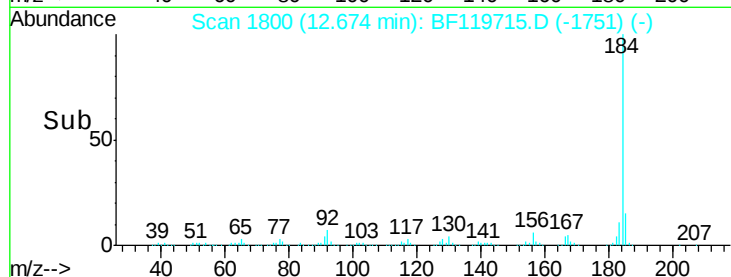
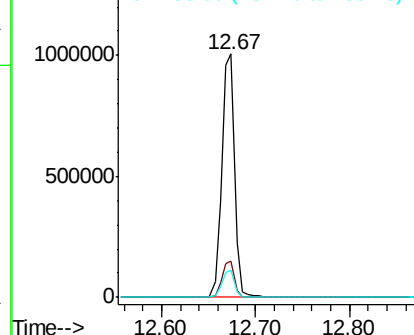
mohammad
4/6/2020 1:38:42 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.320 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF119715.D

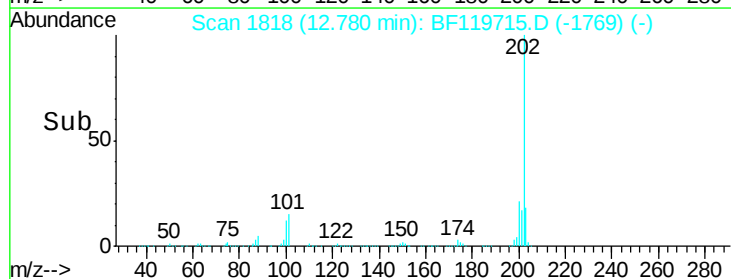
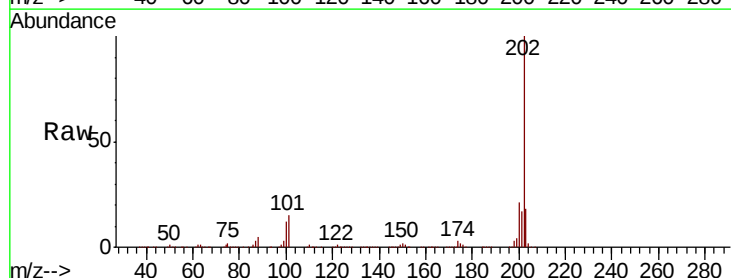
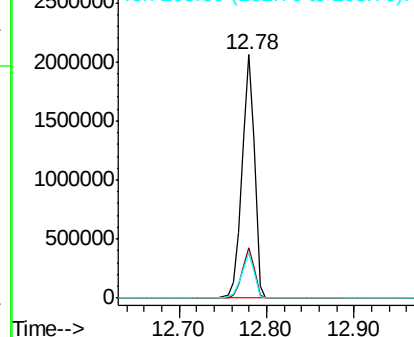
Acq: 3 Apr 2020 13:26

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.8	25.2
203	18.3	15.1	22.7

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.063 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA_F

ClientSampleId :

PB127977BS

Tot Ion:244 Resp: 2611946

Ion Ratio Lower Upper

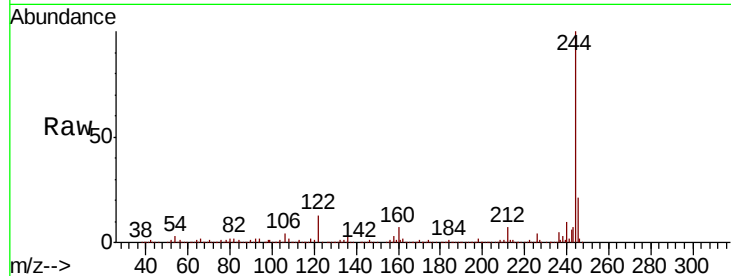
244 100

212 6.8 5.8 8.8

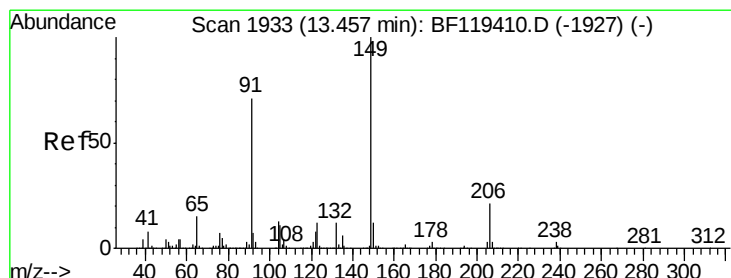
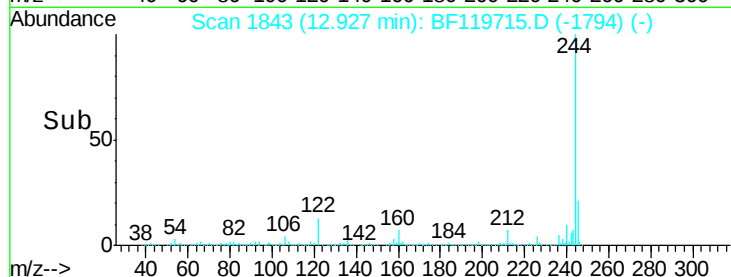
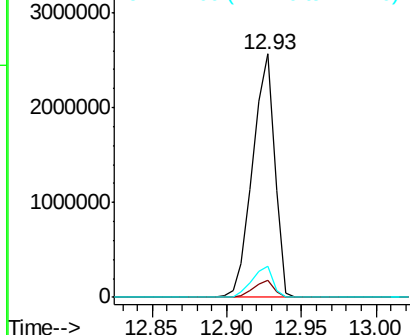
122 12.7 10.3 15.5

Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.574 ng

RT: 13.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

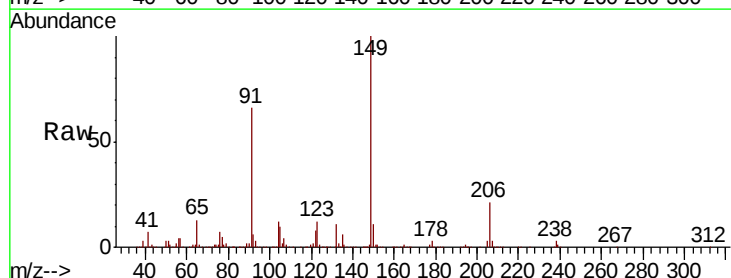
Tgt Ion:149 Resp: 870621

Ion Ratio Lower Upper

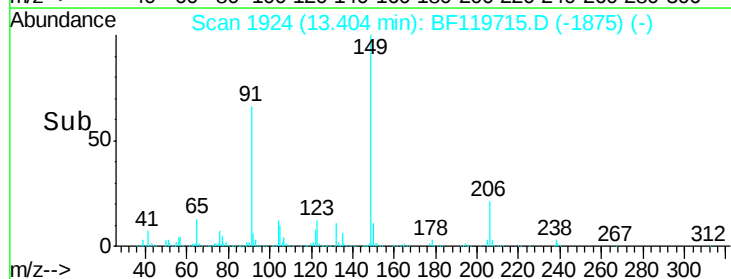
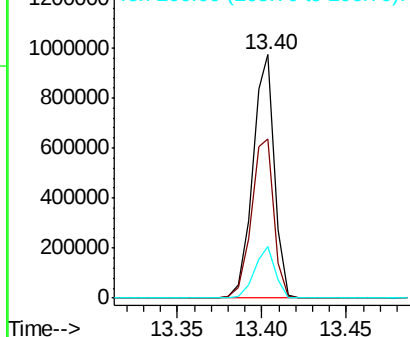
149 100

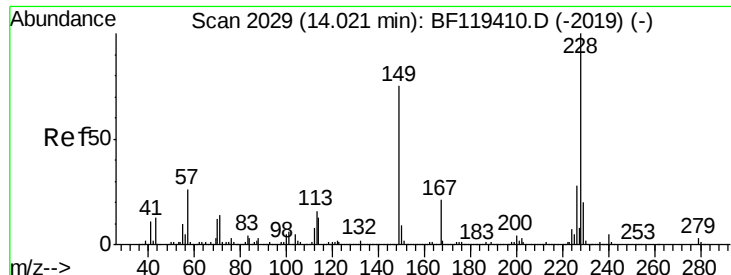
91 65.6 54.7 82.1

206 21.1 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





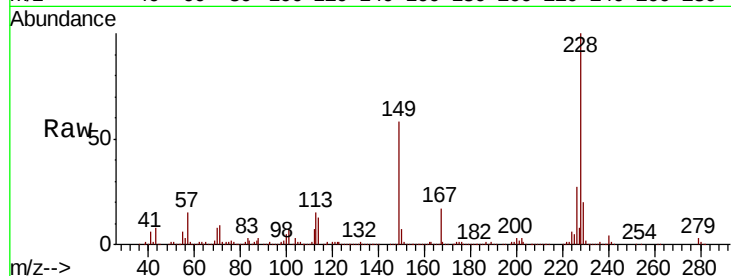
#81
Benzo(a)anthracene
Concen: 40.544 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	20.2	16.2	24.4

Manual Integrations
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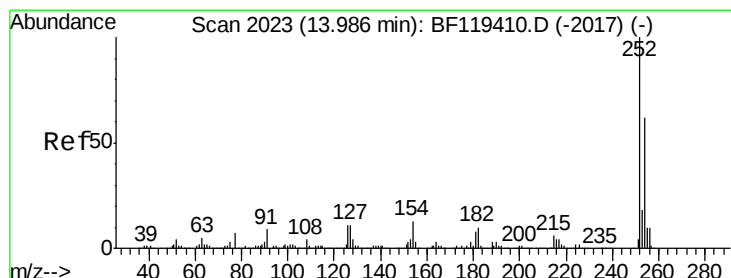
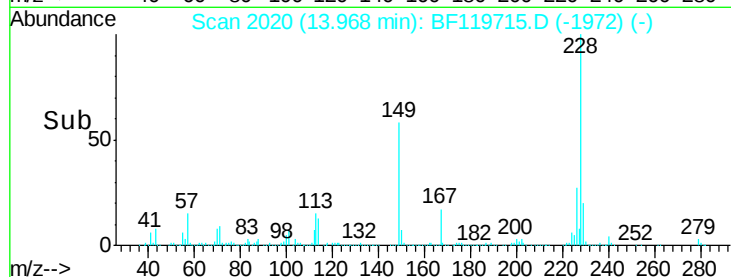
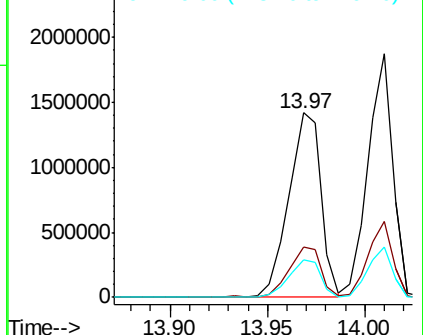


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 29.363 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

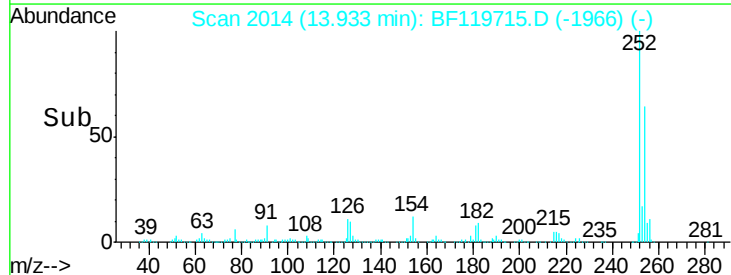
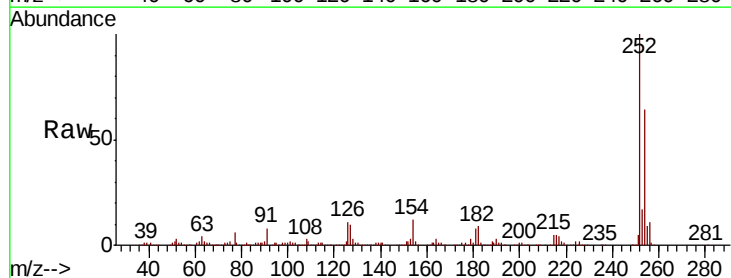
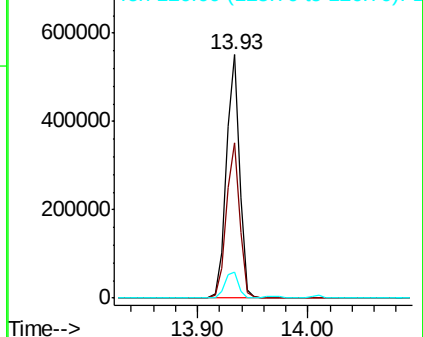
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.2	76.8
126	10.7	9.6	14.4

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





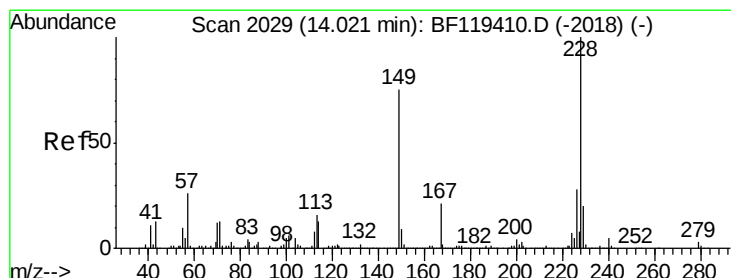
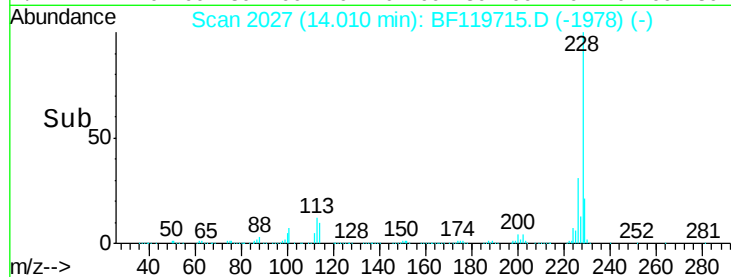
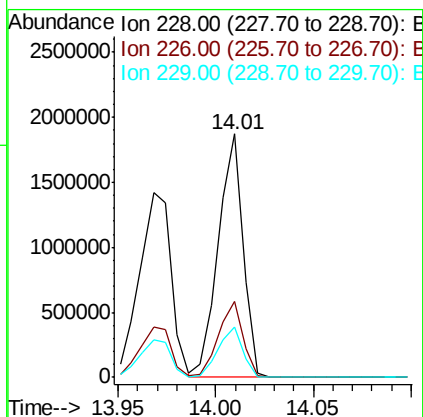
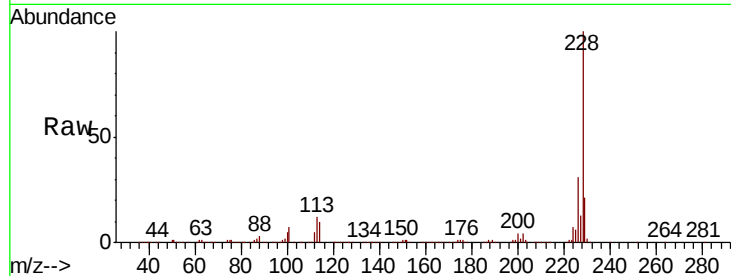
#83
Chrysene
Concen: 39.998 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

Tot Ion:228 Resp: 1653785
Ion Ratio Lower Upper
228 100
226 31.2 25.4 38.0
229 20.7 16.6 24.8

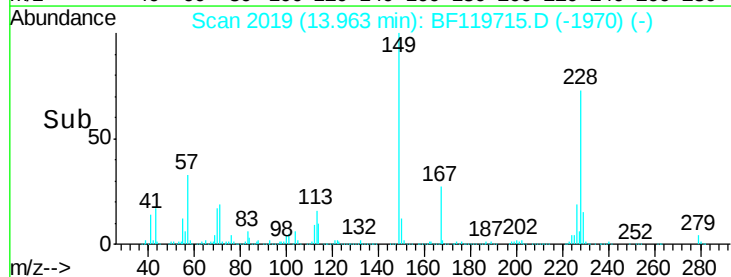
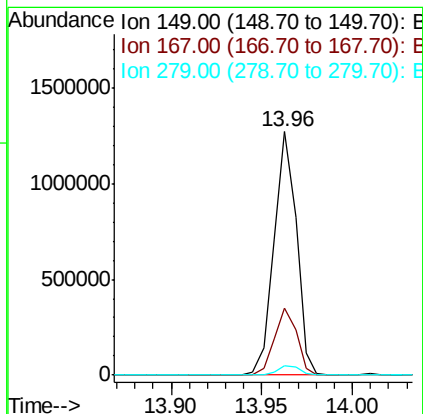
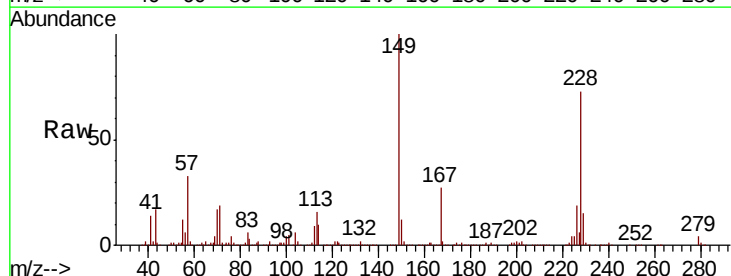
Manual Integrations
APPROVED

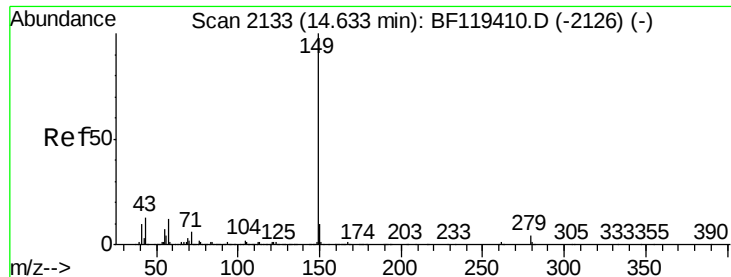
mohammad
4/6/2020 1:38:42 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.945 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion:149 Resp: 1095642
Ion Ratio Lower Upper
149 100
167 27.3 21.3 31.9
279 3.6 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 46.819 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.02 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA_F

ClientSampleId :

PB127977BS

Tot Ion:149 Resp: 2007276

Ion Ratio Lower Upper

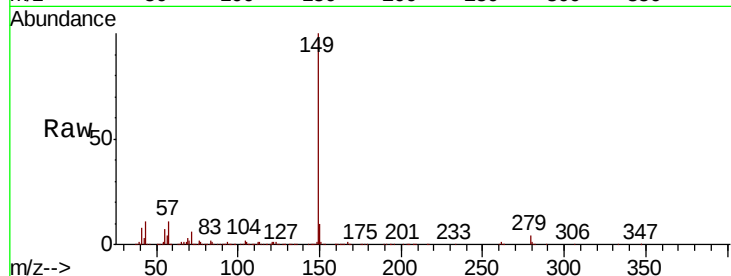
149 100

167 1.5 1.2 1.8

43 10.4 9.3 13.9

Manual Integrations
APPROVED

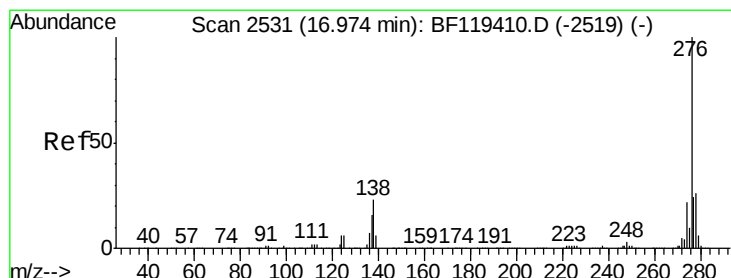
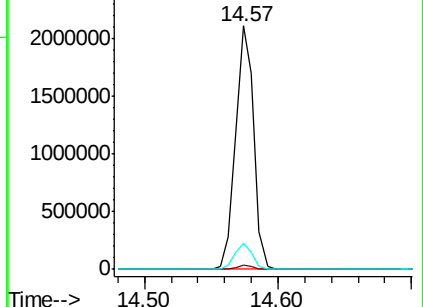
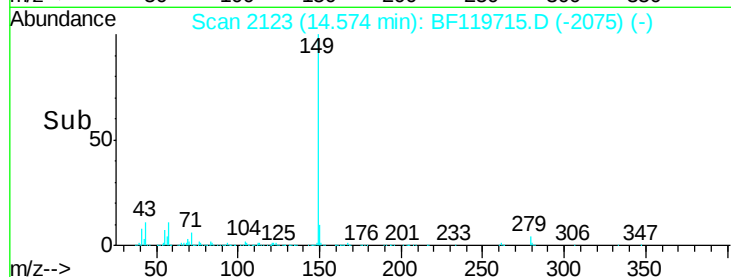
mohammad
4/6/2020 1:38:42 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.592 ng

RT: 16.88 min Scan# 2515

Delta R.T. -0.04 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

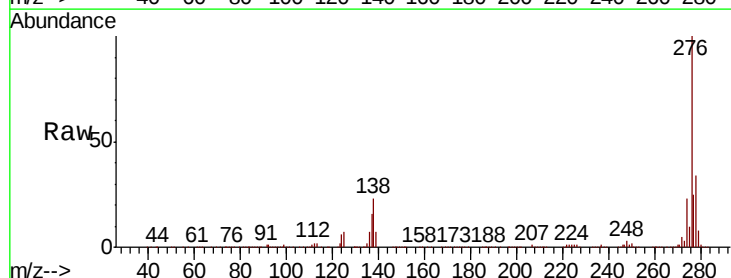
Tgt Ion:276 Resp: 1580663

Ion Ratio Lower Upper

276 100

138 25.5 19.6 29.4

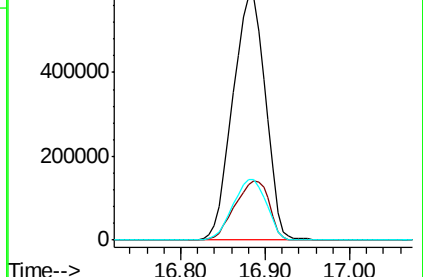
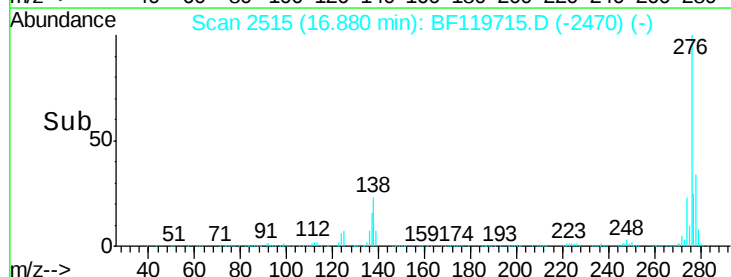
277 25.3 20.0 30.0

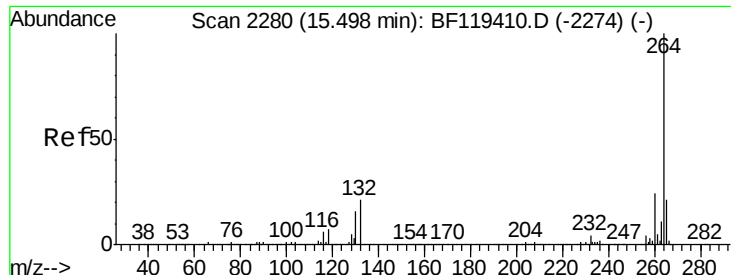


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





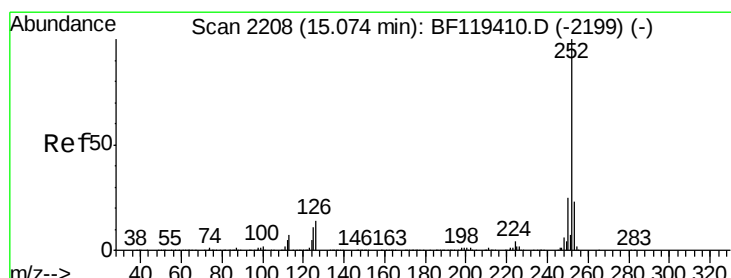
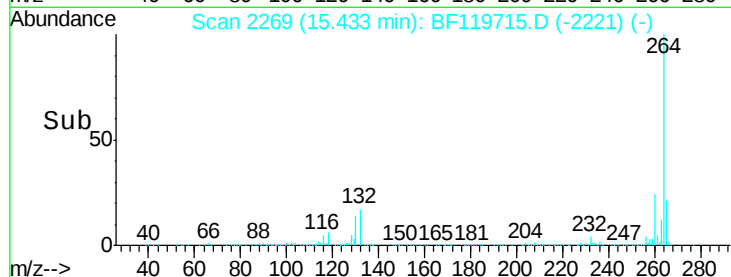
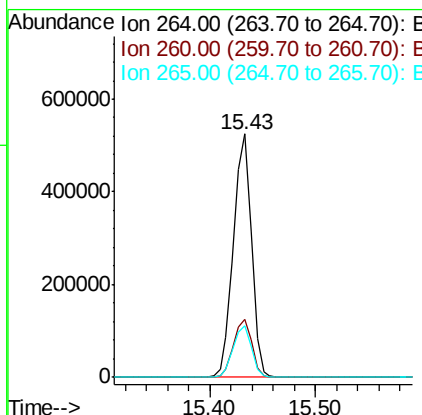
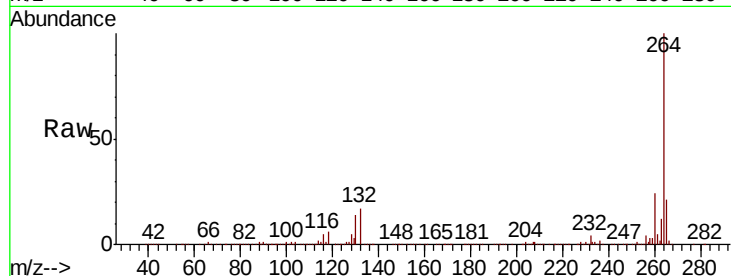
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.0	17.7	26.5

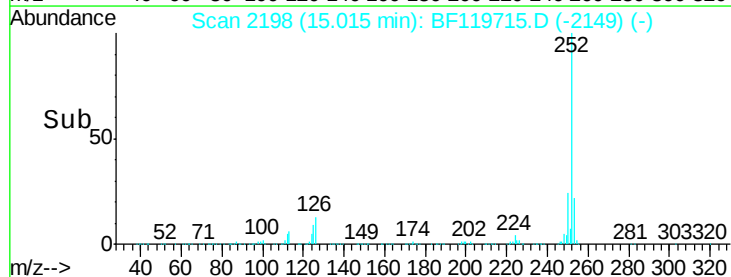
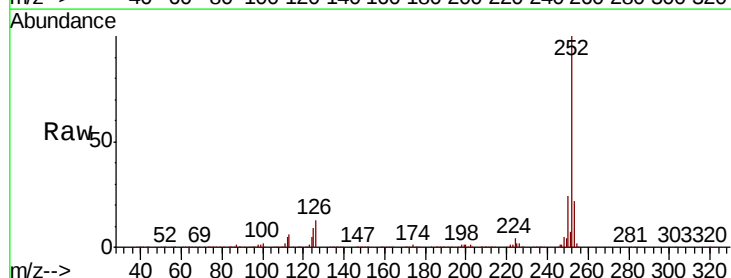
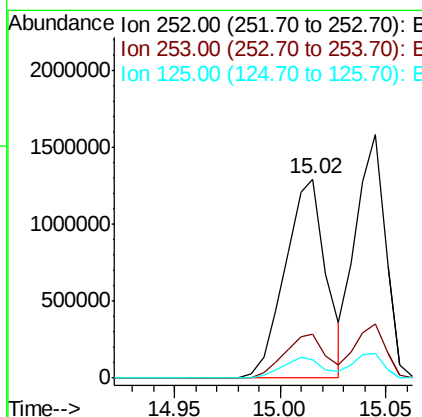
Manual Integrations
APPROVED

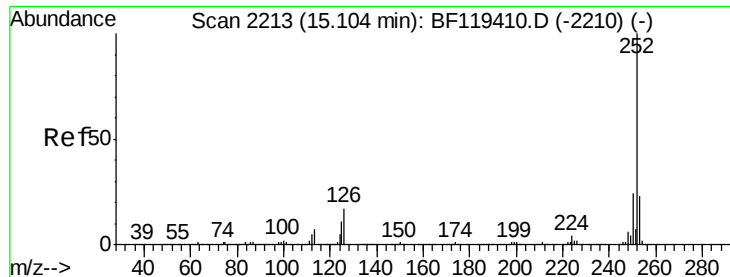
mohammad
4/6/2020 1:38:42 PM



#88
Benzo(b)fluoranthene
Concen: 42.488 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	9.5	7.9	11.9





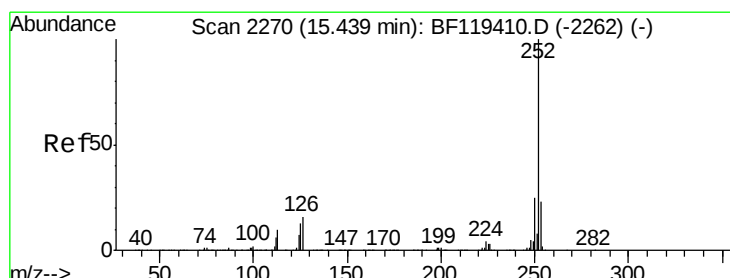
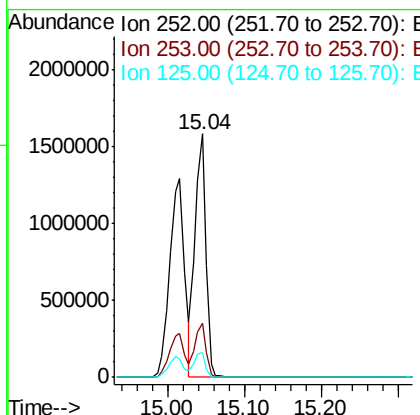
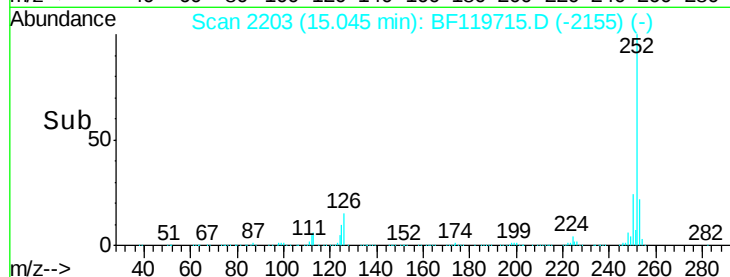
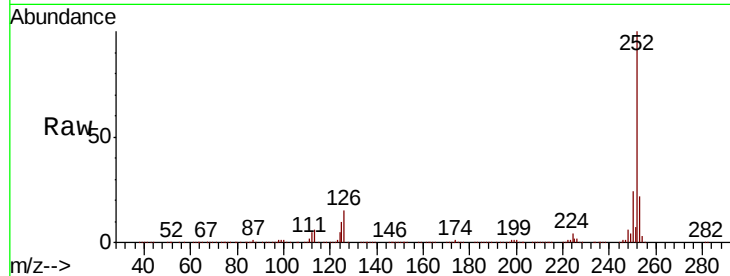
#89
Benzo(k)fluoranthene
Concen: 40.148 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Instrument :
BNA_F
ClientSampleId :
PB127977BS

Tot Ion:252 Resp: 1577583
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.2 8.4 12.6

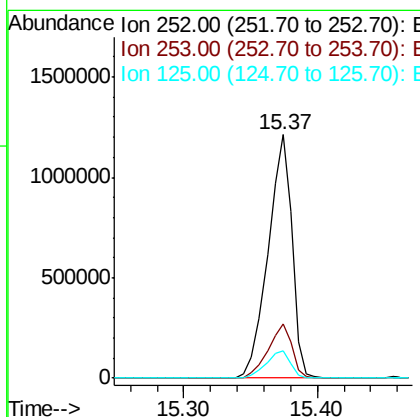
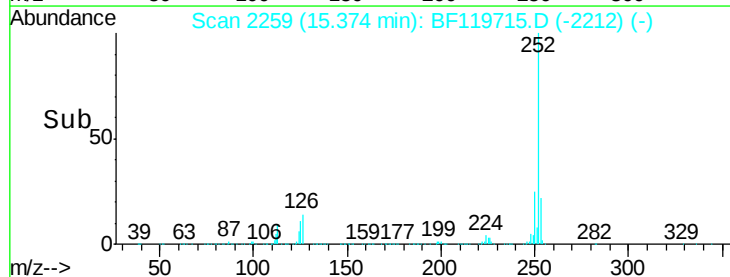
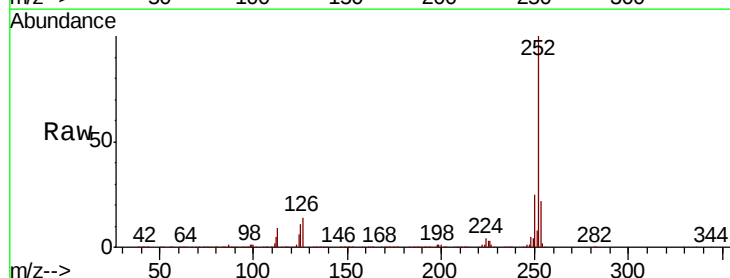
Manual Integrations
APPROVED

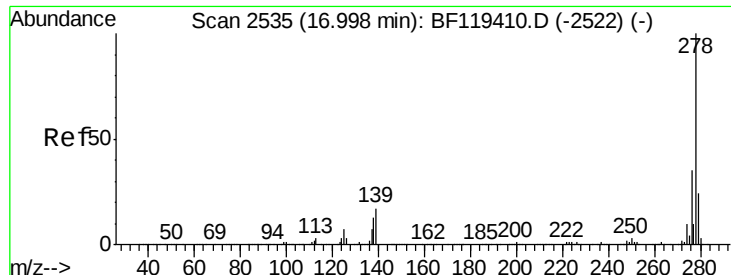
mohammad
4/6/2020 1:38:42 PM



#90
Benzo(a)pyrene
Concen: 40.314 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BF119715.D
Acq: 3 Apr 2020 13:26

Tgt Ion:252 Resp: 1511875
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 11.2 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 40.601 ng

RT: 16.90 min Scan# 2519

Delta R.T. -0.03 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

Instrument :

BNA_F

ClientSampleId :

PB127977BS

Tot Ion:278 Resp: 1331798

Ion Ratio Lower Upper

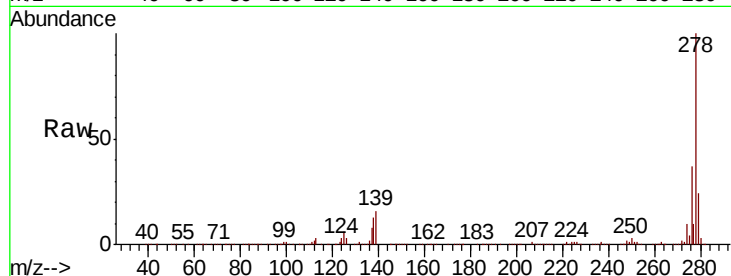
278 100

139 15.5 12.6 19.0

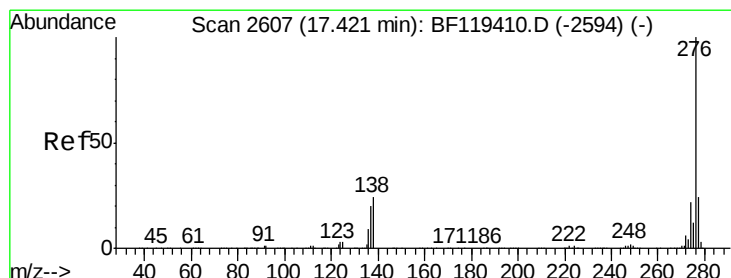
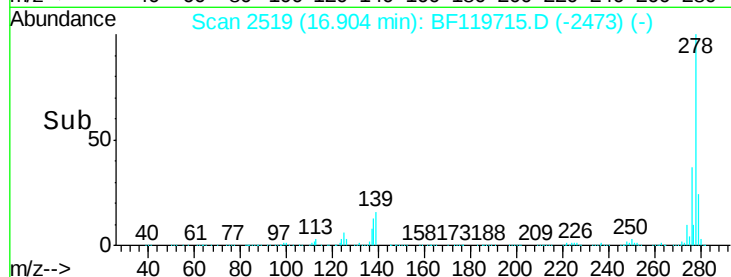
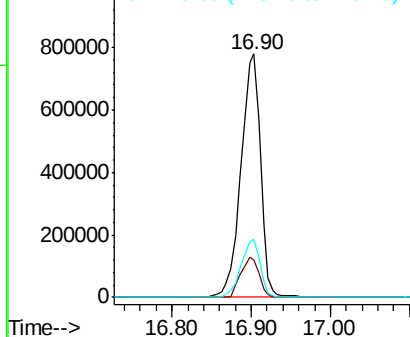
279 23.7 19.0 28.6

Manual Integrations
APPROVED

mohammad
4/6/2020 1:38:42 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.606 ng

RT: 17.32 min Scan# 2590

Delta R.T. -0.04 min

Lab File: BF119715.D

Acq: 3 Apr 2020 13:26

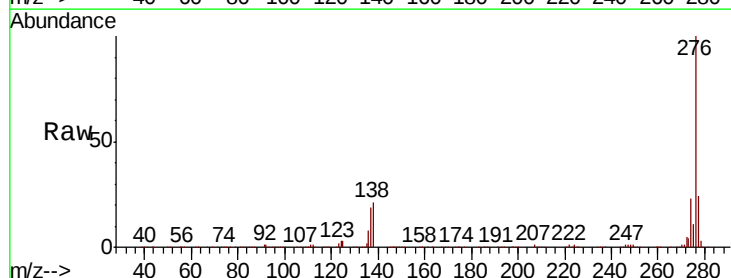
Tgt Ion:276 Resp: 1305155

Ion Ratio Lower Upper

276 100

277 24.1 18.4 27.6

138 20.9 15.4 23.0



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

