

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119497.D
 Acq On : 24 Mar 2020 20:47
 Operator : CG/JU
 Sample : PB127731BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Manual Integrations
 APPROVED

mohammad
 3/25/2020 12:29:42 PM

Quant Time: Mar 25 00:27:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	299828	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1153509	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	612613	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	1194013	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	859389	20.00	ng	-0.01
87) Perylene-d12	15.49	264	730328	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	2028174	107.68	ng	0.00
7) Phenol-d6	6.47	99	2605044	108.27	ng	0.00
23) Nitrobenzene-d5	7.41	82	1641595	77.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	787955	124.67	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3123860	75.54	ng	-0.01
79) Terphenyl-d14	12.97	244	3658574	83.41	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.68	88	282192	30.336	ng	98
3) Pyridine	3.42	79	788789	30.779	ng	99
4) n-Nitrosodimethylamine	3.36	42	432340	34.595	ng	95
6) Aniline	6.50	93	924128	27.830	ng	99
8) 2-Chlorophenol	6.63	128	838697	42.398	ng	99
9) Benzaldehyde	6.39	77	545786	35.759	ng	98
10) Phenol	6.48	94	1028135m	40.048	ng	
11) bis(2-Chloroethyl)ether	6.57	93	793647	38.653	ng	97
12) 1,3-Dichlorobenzene	6.79	146	837407	39.113	ng	98
13) 1,4-Dichlorobenzene	6.86	146	847951	39.596	ng	98
14) 1,2-Dichlorobenzene	7.02	146	793285	39.631	ng	99
15) Benzyl Alcohol	6.98	79	720773	39.826	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1536300	37.095	ng	99
17) 2-Methylphenol	7.09	107	680494	37.546	ng	98
18) Hexachloroethane	7.36	117	323725	41.250	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	583266	40.220	ng	98
20) 3+4-Methylphenols	7.25	107	830421m	37.386	ng	
22) Acetophenone	7.25	105	1085795	39.394	ng	# 88
24) Nitrobenzene	7.43	77	872044	38.446	ng	96
25) Isophorone	7.67	82	1613884	37.485	ng	97
26) 2-Nitrophenol	7.75	139	436543	48.880	ng	98
27) 2,4-Dimethylphenol	7.78	122	752857	40.768	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1030287	40.468	ng	99
29) 2,4-Dichlorophenol	7.99	162	701319	41.332	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	738298	39.344	ng	99
31) Naphthalene	8.15	128	2347949	39.554	ng	99
32) Benzoic acid	7.90	122	583966	49.160	ng	99
33) 4-Chloroaniline	8.20	127	467478	17.187	ng	96
34) Hexachlorobutadiene	8.27	225	430037	40.959	ng	98
35) Caprolactam	8.57	113	225386m	40.586	ng	
36) 4-Chloro-3-methylphenol	8.68	107	760005	40.981	ng	99
37) 2-Methylnaphthalene	8.85	142	1604857	41.195	ng	99
38) 1-Methylnaphthalene	8.95	142	1529169	41.470	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	689724	38.412	ng	99

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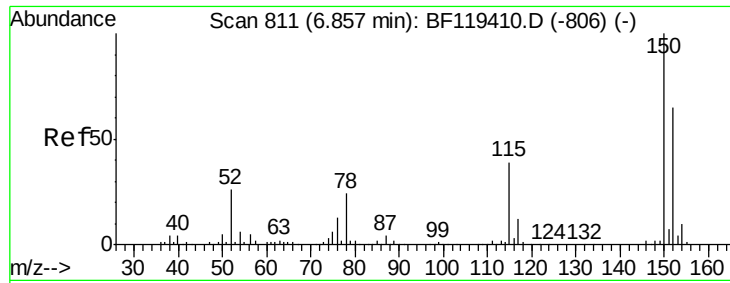
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	849667	83.233	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	534609	41.604	nq	99
44) 2,4,5-Trichlorophenol	9.16	196	540344	37.537	nq	96
46) 1,1'-Biphenyl	9.31	154	1948127	39.045	nq	98
47) 2-Chloronaphthalene	9.33	162	1514838	38.760	nq	99
48) 2-Nitroaniline	9.43	65	550230	40.788	nq	99
49) Acenaphthylene	9.75	152	2358116	38.422	nq	99
50) Dimethylphthalate	9.62	163	1762919	40.514	nq	100
51) 2,6-Dinitrotoluene	9.67	165	405120	43.435	nq	97
52) Acenaphthene	9.92	154	1630961	42.627	nq	99
53) 3-Nitroaniline	9.84	138	265649	22.560	nq	95
54) 2,4-Dinitrophenol	9.95	184	376598	92.104	nq	96
55) Dibenzofuran	10.10	168	2145685	39.114	nq	99
56) 4-Nitrophenol	10.00	139	714498	76.918	nq	86
57) 2,4-Dinitrotoluene	10.07	165	537833	45.775	nq	89
58) Fluorene	10.44	166	1649305	40.657	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	471808	43.849	nq	99
60) Diethylphthalate	10.32	149	1849874	41.886	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	809506	40.807	nq	97
62) 4-Nitroaniline	10.46	138	425922	37.720	nq	99
63) Azobenzene	10.59	77	1767702	39.747	nq	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	256486	51.227	nq	89
66) n-Nitrosodiphenylamine	10.55	169	1527680	38.974	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	535600	39.387	nq	100
68) Hexachlorobenzene	10.99	284	568946	40.880	nq	97
69) Atrazine	11.08	200	487392	45.356	nq	98
70) Pentachlorophenol	11.18	266	637931	78.172	nq	98
71) Phenanthrene	11.40	178	2417082	39.040	nq	100
72) Anthracene	11.46	178	2474189	39.320	nq	100
73) Carbazole	11.61	167	2321664	37.276	nq	99
74) Di-n-butylphthalate	11.95	149	2946189	44.220	nq	99
75) Fluoranthene	12.59	202	2674334	39.913	nq	100
77) Benzidine	12.71	184	1375839	37.829	nq	98
78) Pyrene	12.82	202	2688670	38.121	nq	99
80) Butylbenzylphthalate	13.44	149	1332637	46.717	nq	98
81) Benzo(a)anthracene	14.01	228	2074269	37.117	nq	99
82) 3,3'-Dichlorobenzidine	13.97	252	589479	26.752	nq	98
83) Chrysene	14.05	228	2174660	37.705	nq	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1735809	51.045	nq	100
85) Di-n-octyl phthalate	14.62	149	3067579	51.293	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1892055	34.832	nq	98
88) Benzo(b)fluoranthene	15.06	252	2029698	41.604	nq	98
89) Benzo(k)fluoranthene	15.09	252	1906525	41.041	nq	99
90) Benzo(a)pyrene	15.43	252	1724149	38.888	nq	98
91) Dibenzo(a,h)anthracene	16.97	278	1577943	40.691	nq	99
92) Benzo(g,h,i)perylene	17.40	276	1549948	39.784	nq	97

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



#1

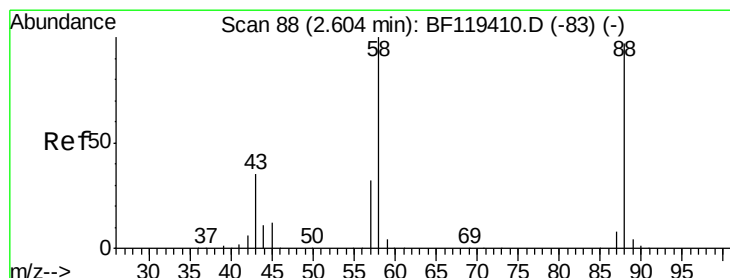
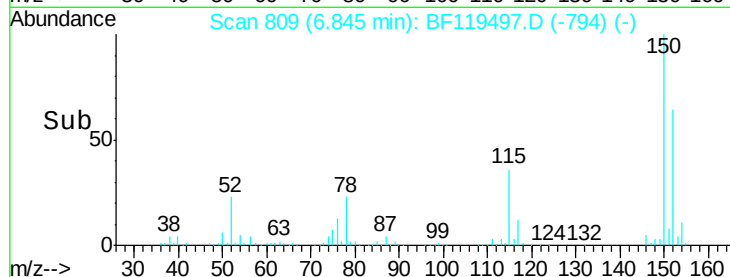
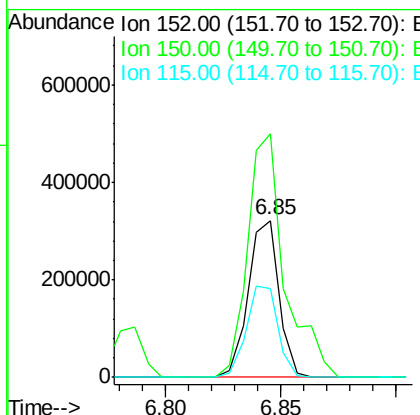
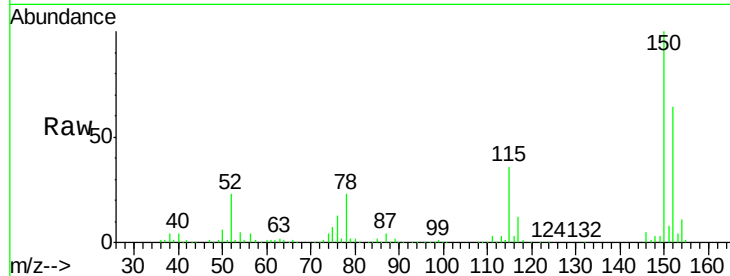
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.9	185.9
115	56.3	47.8	71.6

Manual Integrations
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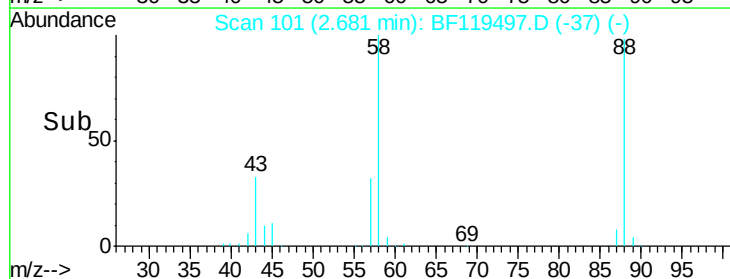
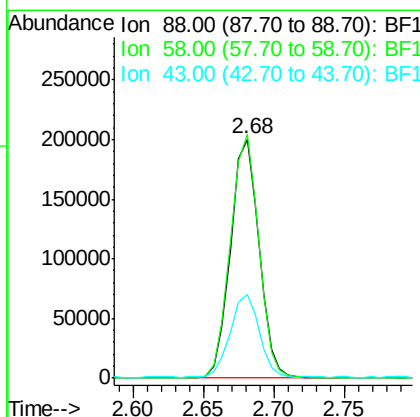
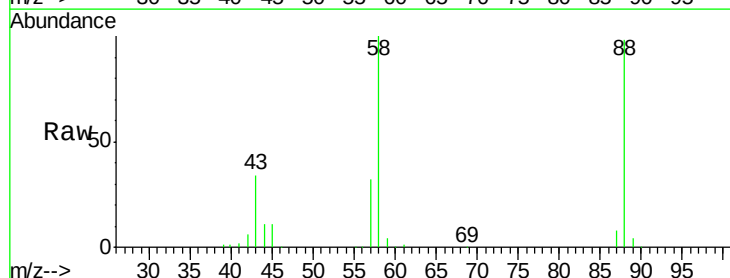
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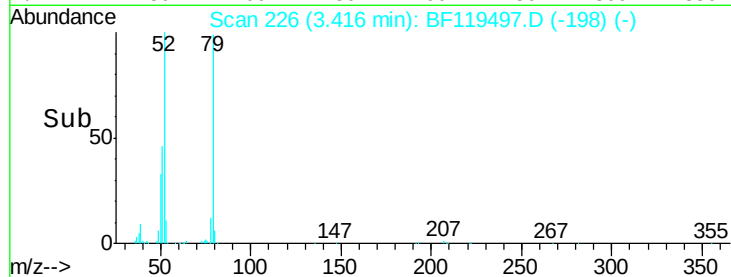
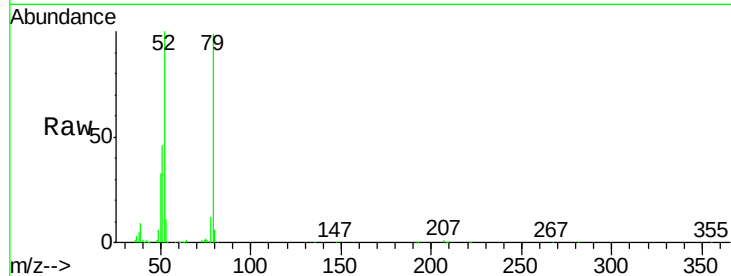
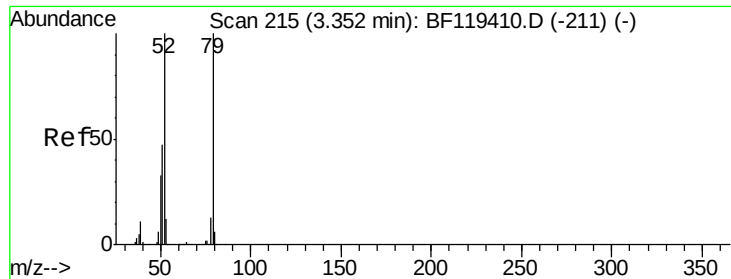


#2

1,4-Dioxane
Concen: 30.336 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.08 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	101.8	79.4	119.2
43	35.2	28.4	42.6





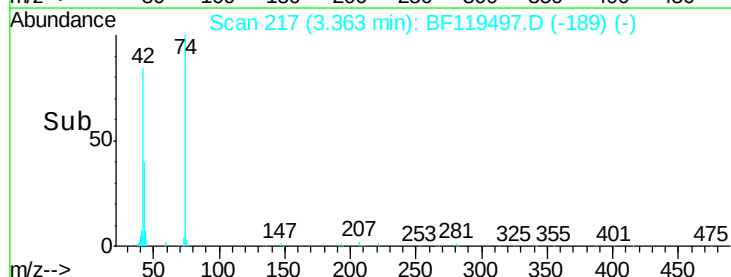
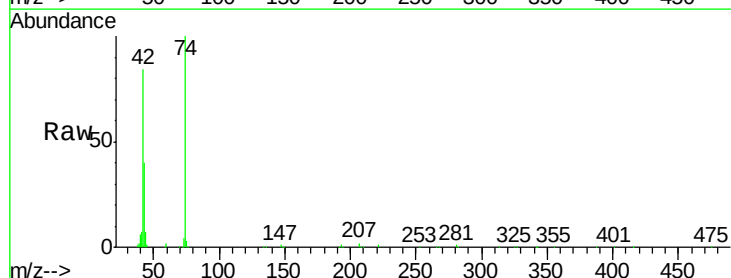
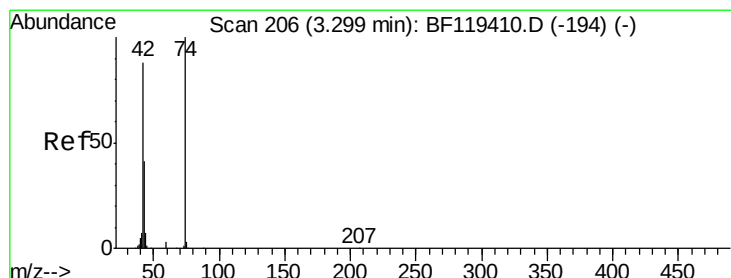
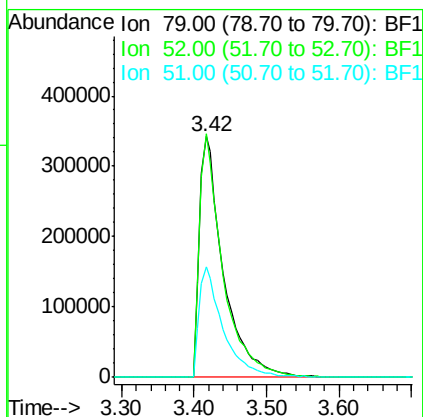
#3
Pvridine
Concen: 30.779 ng
RT: 3.42 min Scan# 226
Delta R.T. 0.06 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	101.1	80.0	120.0	
51	51	46.1	37.9	56.9	

Instrument :
BNA_F
ClientSampleId :
PB127731BS

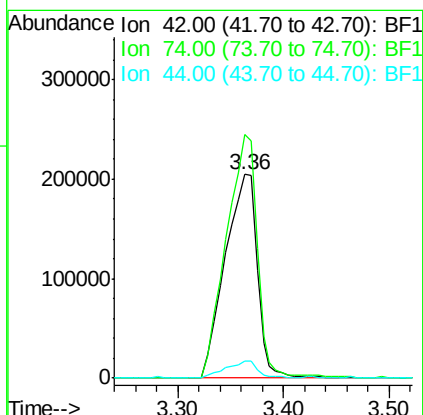
Manual Integrations
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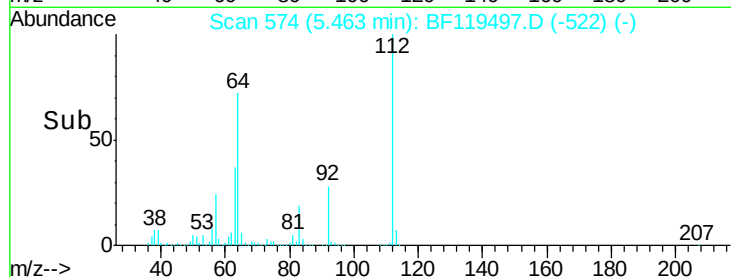
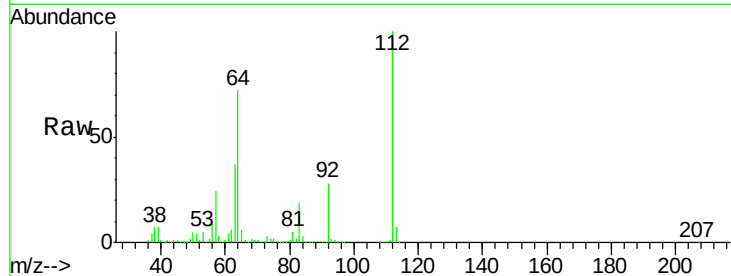
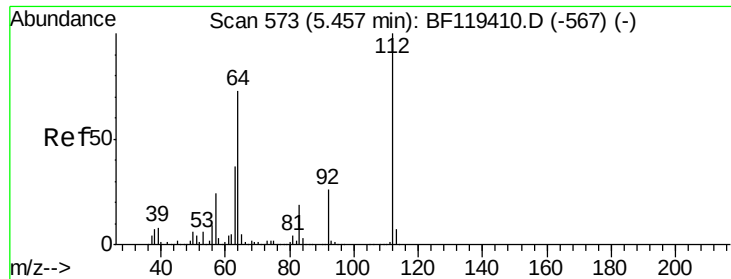
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#4
n-Nitrosodimethylamine
Concen: 34.595 ng
RT: 3.36 min Scan# 217
Delta R.T. 0.06 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	119.6	91.3	136.9	
44	44	8.2	7.1	10.7	





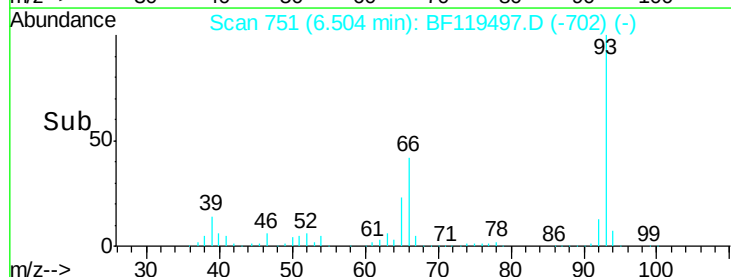
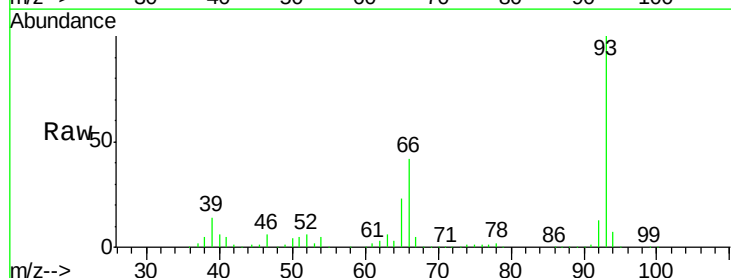
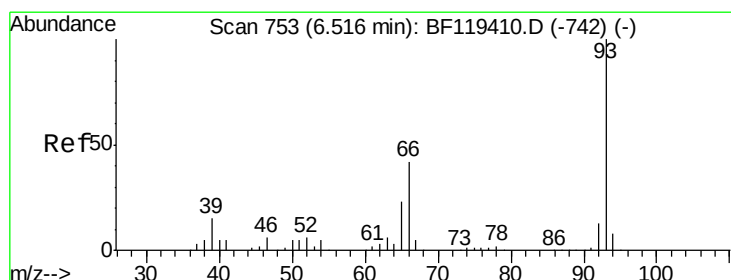
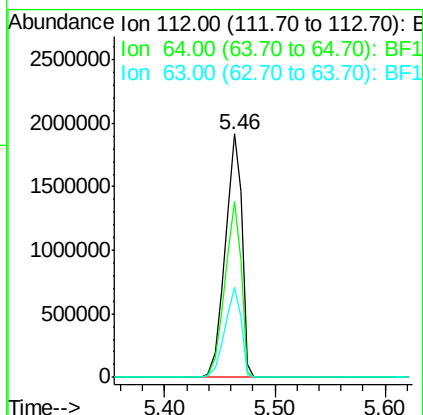
#5
2-Fluorophenol
Concen: 107.684 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tot Ion	Ratio	Lower	Upper
112	100		
64	72.2	58.1	87.1
63	37.1	29.7	44.5

Instrument :
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ClientSampleId :
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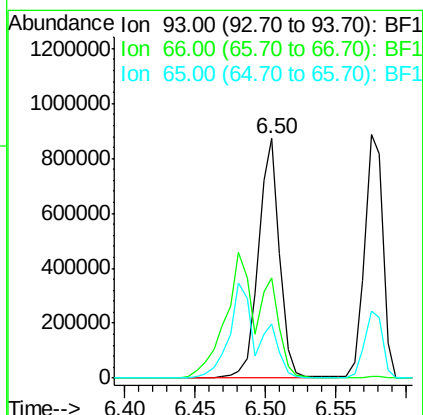
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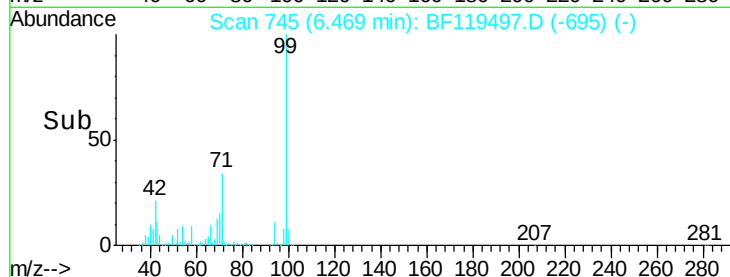
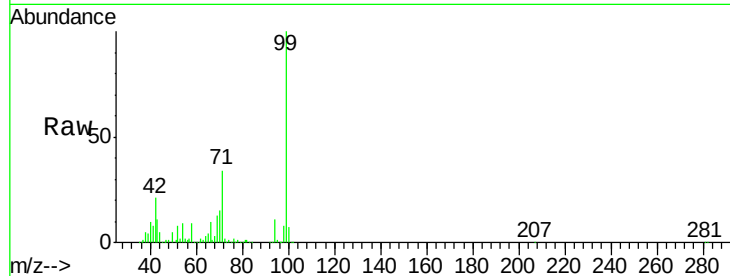
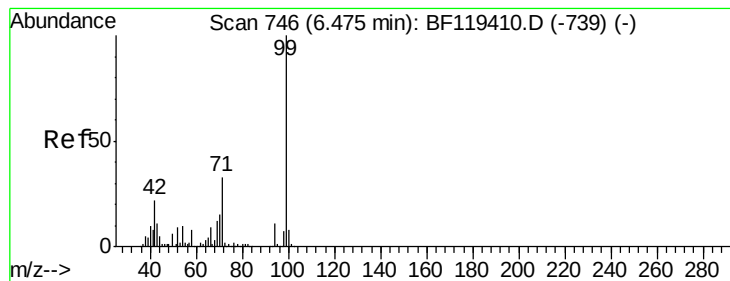
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#6
Aniline
Concen: 27.830 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.9	34.2	51.4
65	22.8	18.2	27.4





#7

Phenol-d6

Concen: 108.274 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Tot Ion: 99 Resp: 2605044

Ion	Ratio	Lower	Upper
99	100		
42	21.1	17.8	26.6
71	34.1	26.0	39.0

Instrument :

BNA_F

ClientSampleId :

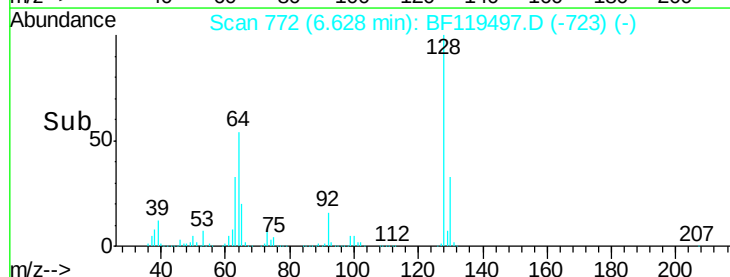
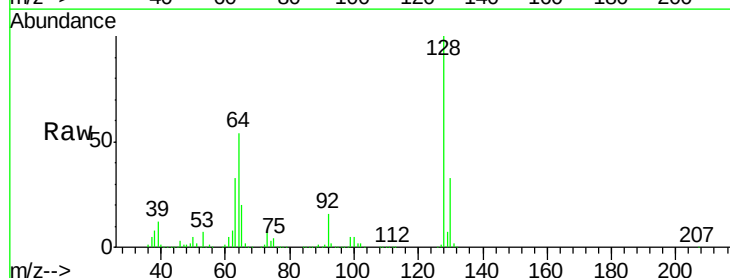
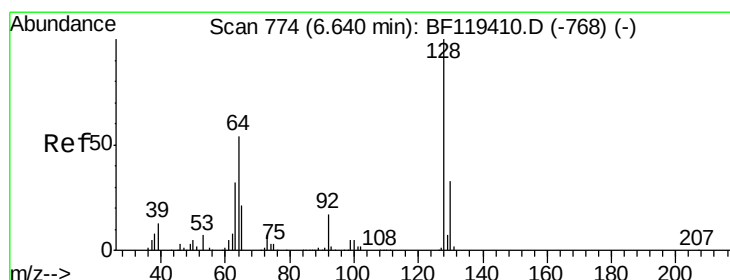
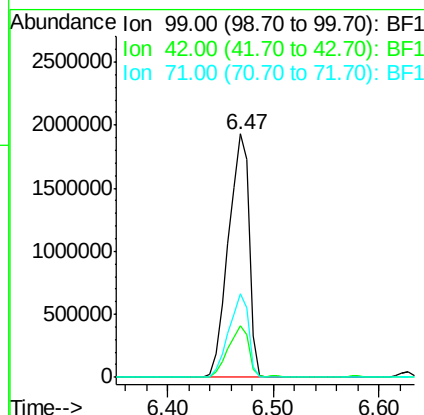
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#8

2-Chlorophenol

Concen: 42.398 ng

RT: 6.63 min Scan# 772

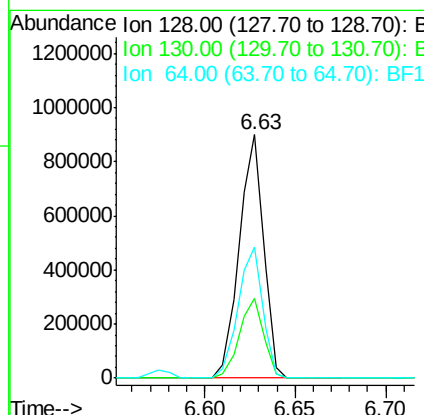
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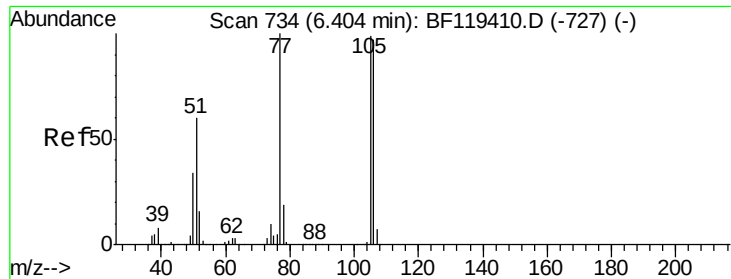
Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Tgt Ion: 128 Resp: 838697

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.0	53.0
64	53.8	35.1	75.1





#9

Benzaldehyde

Concen: 35.759 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

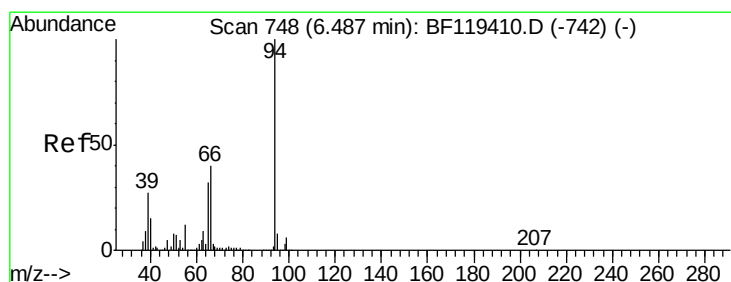
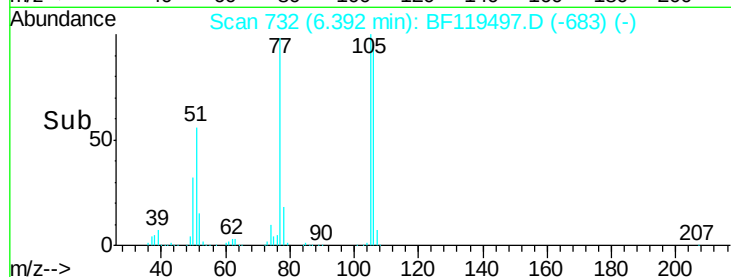
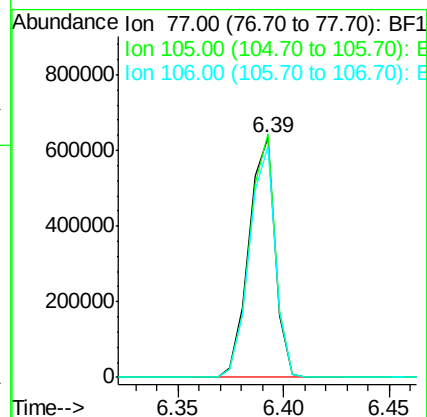
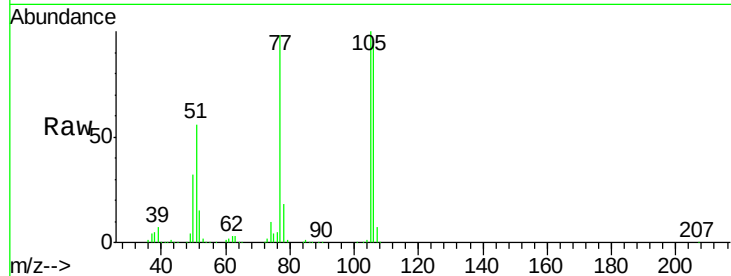
ClientSampleId :

PB127731BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.6	78.6	118.6
106	96.6	76.5	116.5

Manual Integrations
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#10

Phenol

Concen: 40.048 ng m

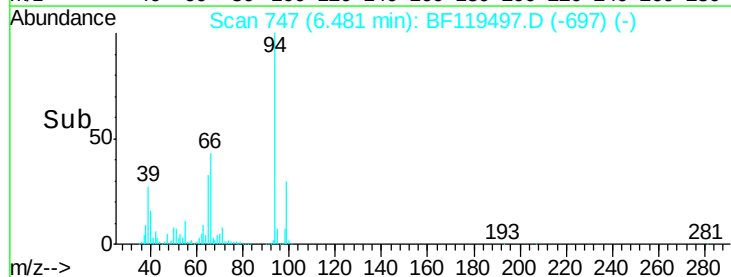
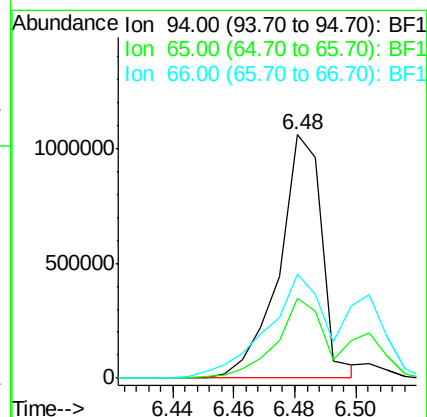
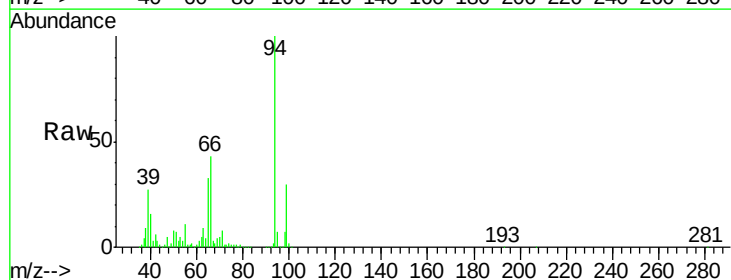
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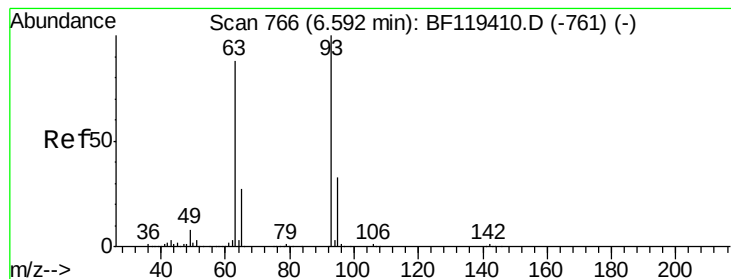
Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.7	12.0	52.0
66	43.0	20.6	60.6





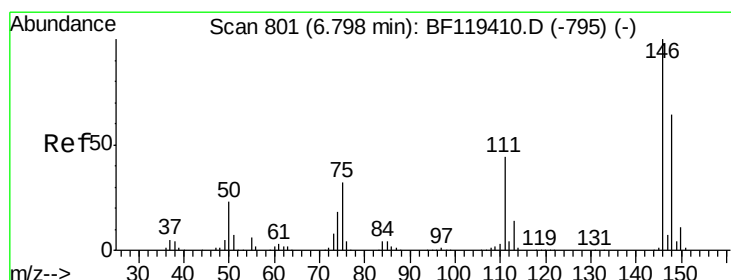
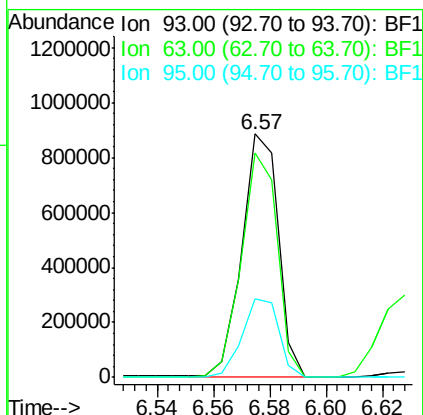
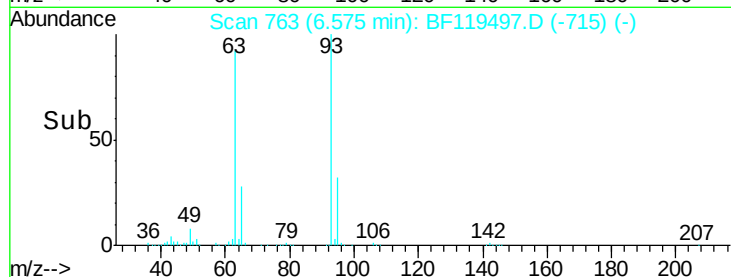
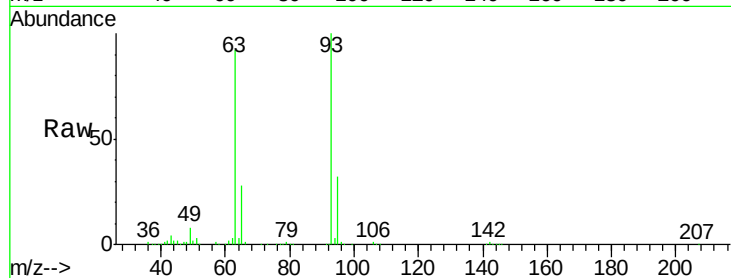
#11
bis(2-Chloroethyl)ether
Concen: 38.653 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.02 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	92.2	68.4	108.4
95	32.4	13.4	53.4

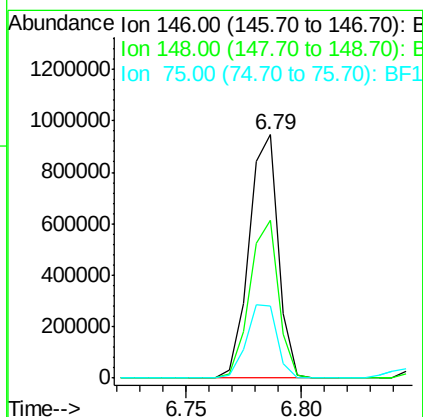
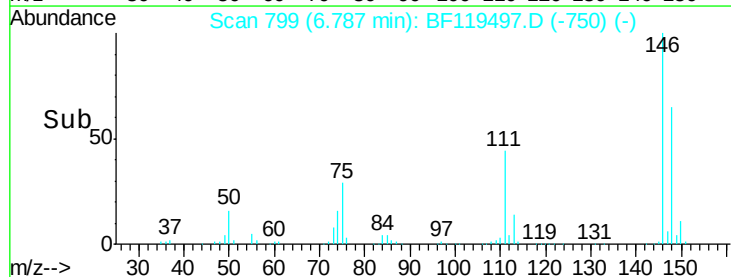
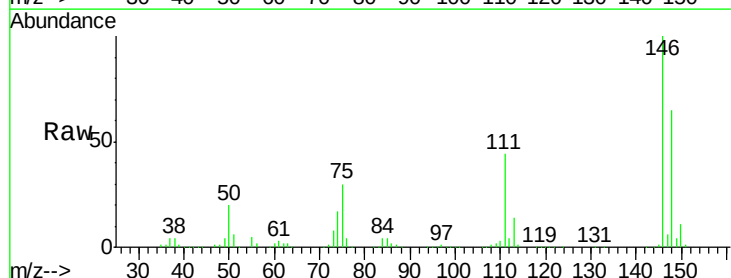
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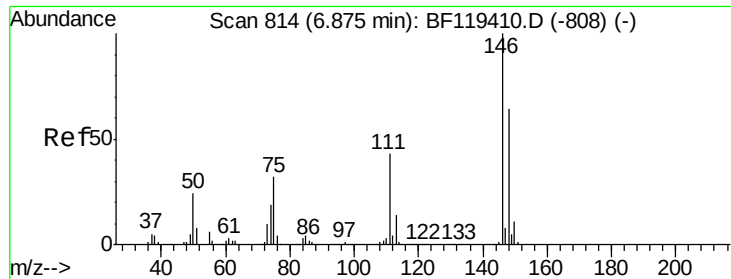
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.113 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.0
75	29.7	25.8	38.8





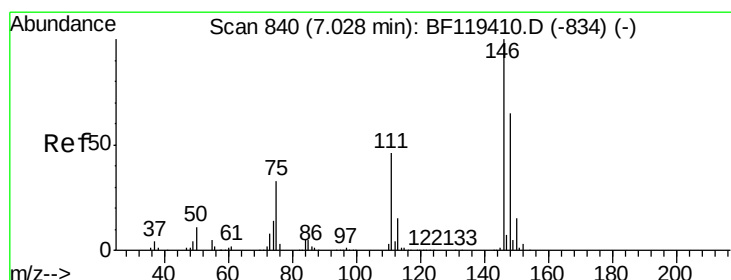
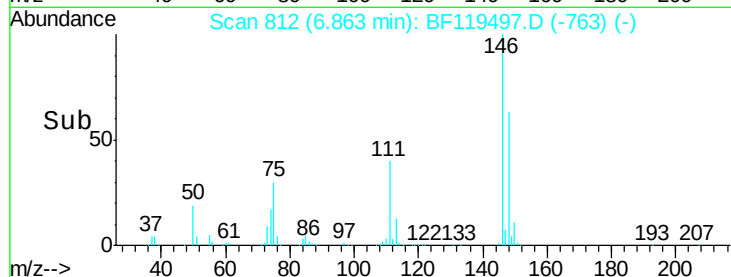
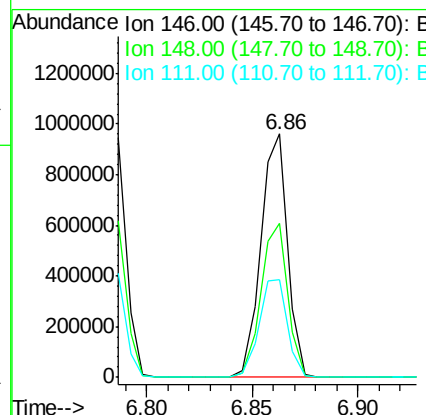
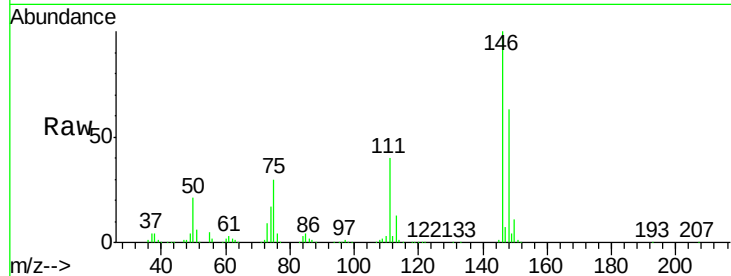
#13
 1,4-Dichlorobenzene
 Concen: 39.596 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.9	76.3
111	40.4	34.6	52.0

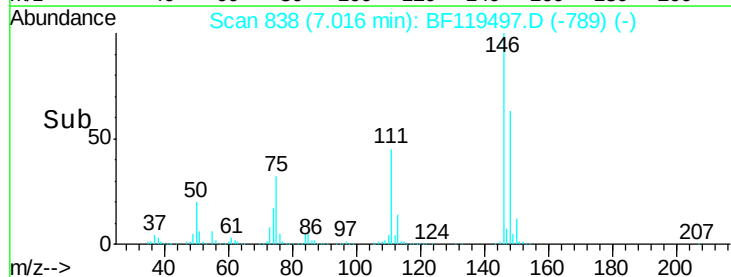
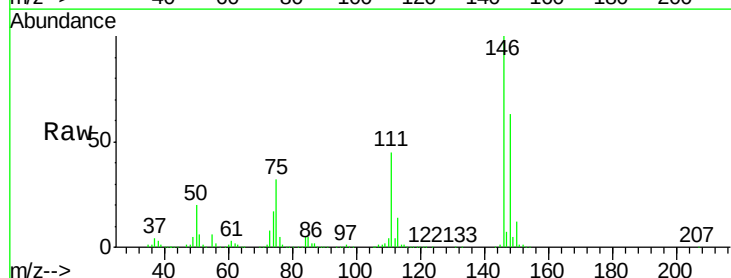
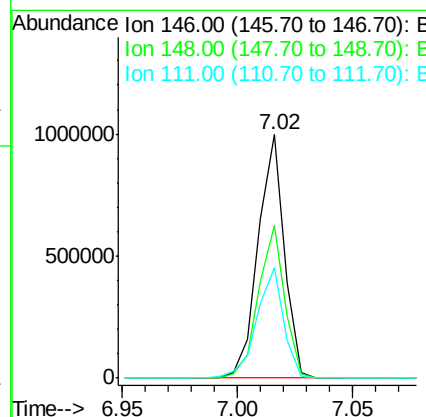
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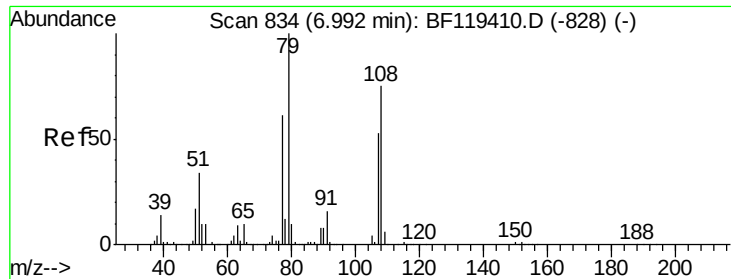
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#14
 1,2-Dichlorobenzene
 Concen: 39.631 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.7	77.5
111	45.4	36.4	54.6





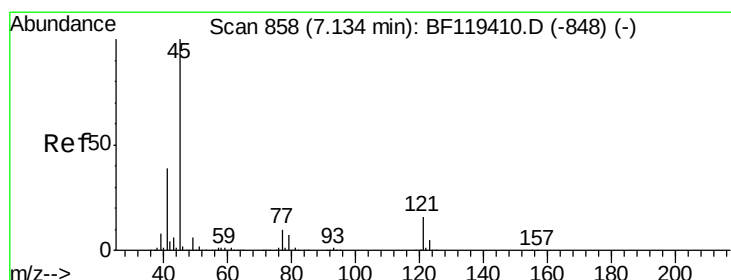
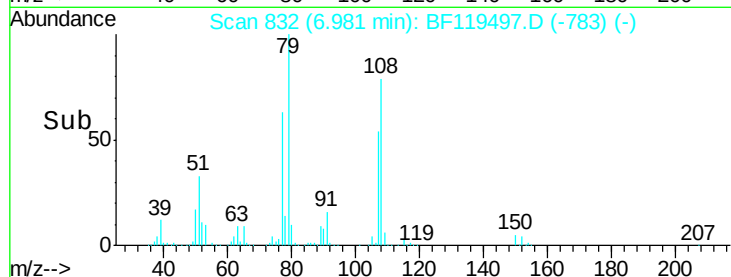
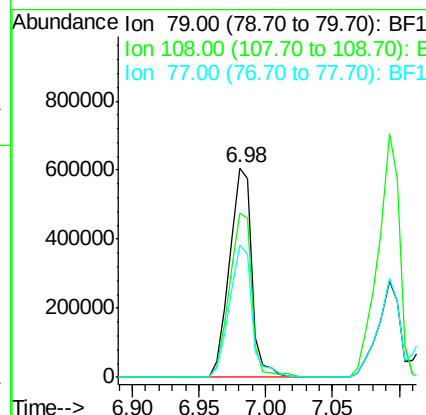
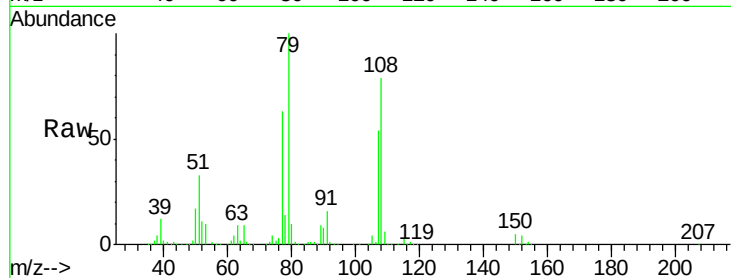
#15
Benzyl Alcohol
Concen: 39.826 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.5	60.4	90.6
77	63.1	49.0	73.4

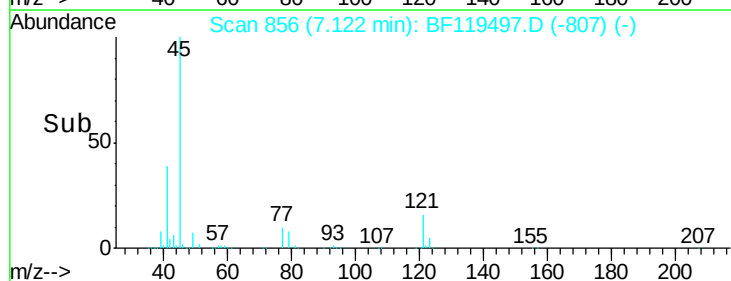
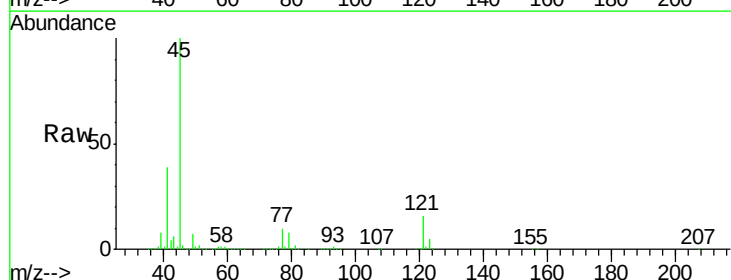
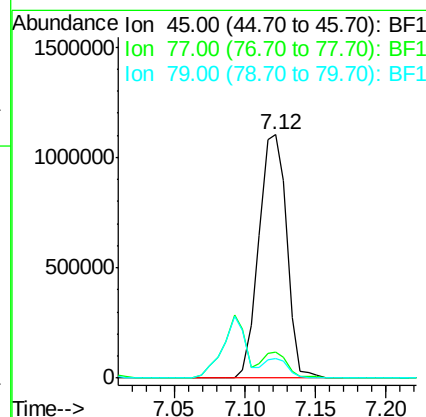
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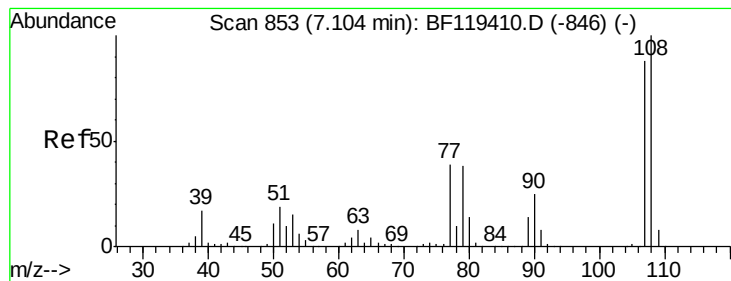
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.095 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.5	0.0	30.1
79	8.0	0.0	27.4





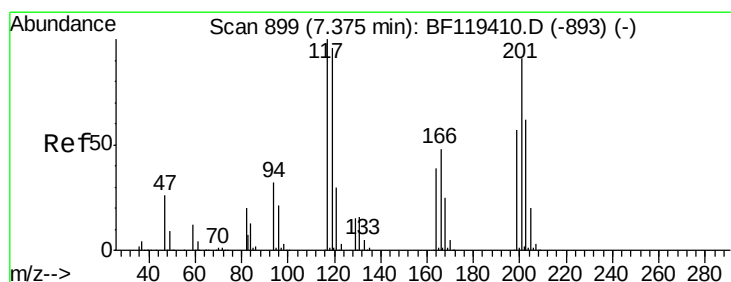
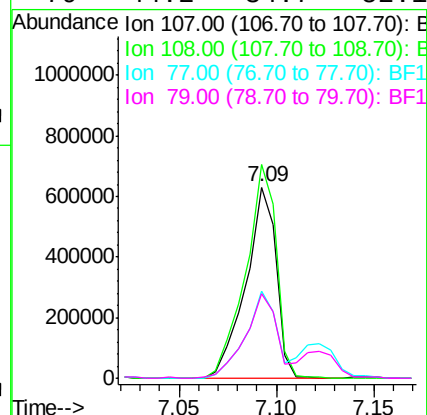
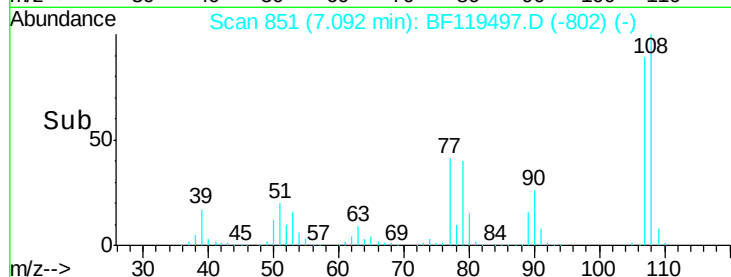
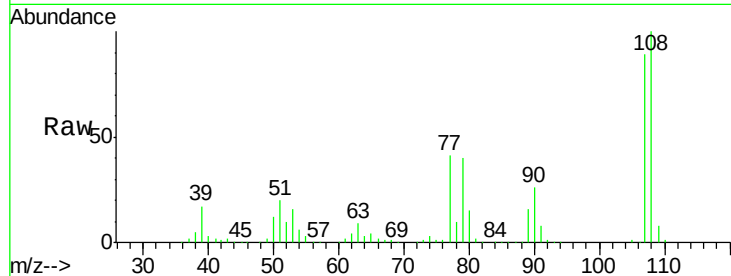
#17
2-Methylphenol
Concen: 37.546 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.7	136.1
77	45.7	35.6	53.4
79	44.2	34.7	52.1

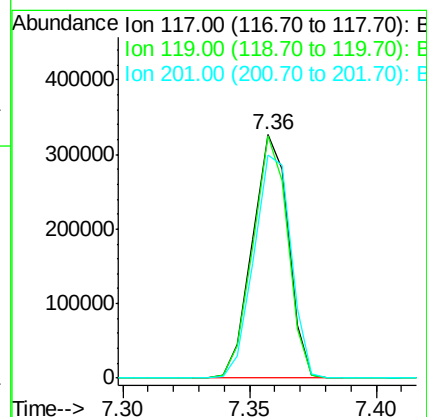
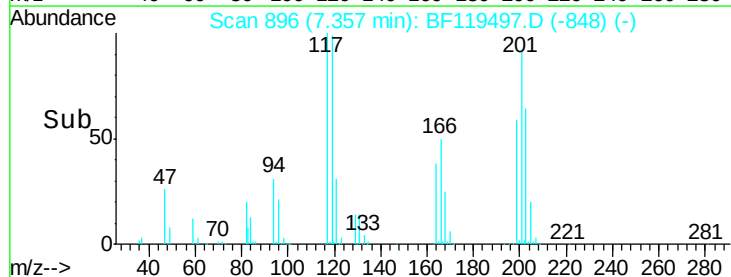
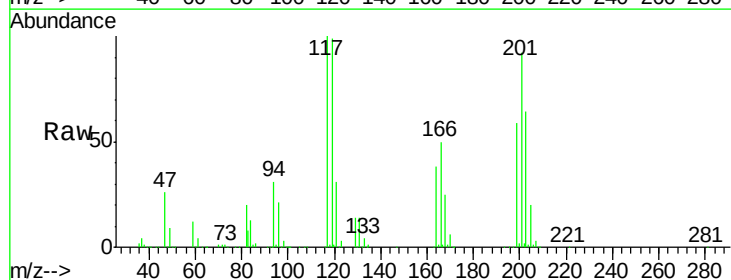
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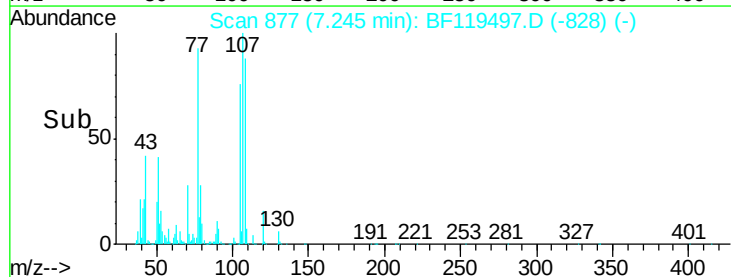
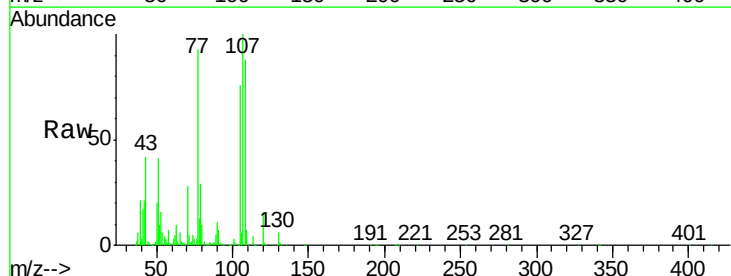
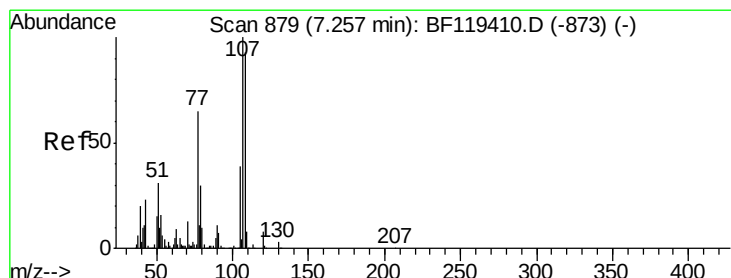
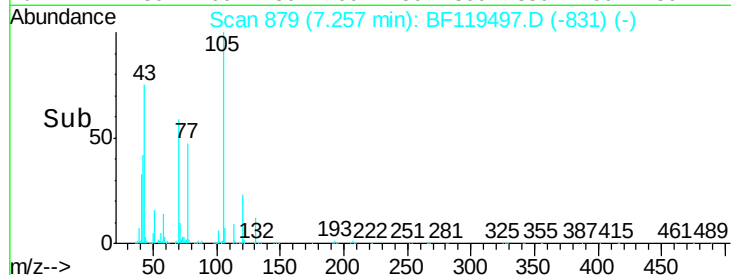
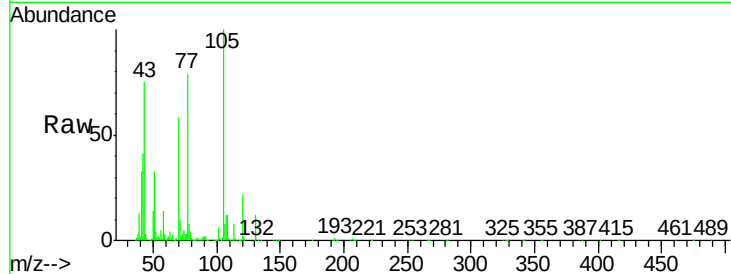
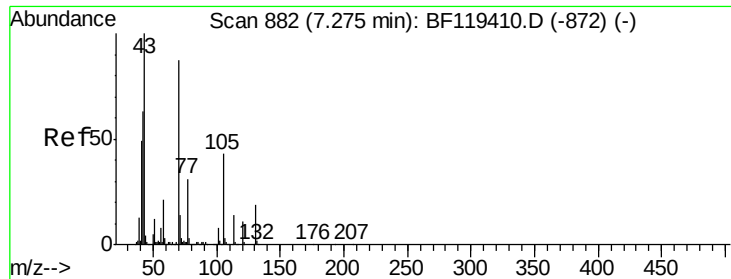
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#18
Hexachloroethane
Concen: 41.250 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

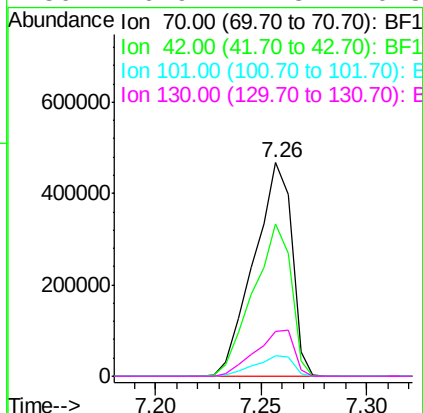
Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	76.8	115.2
201	91.8	72.5	108.7





#19
n-Nitroso-di-n-propylamine
Concen: 40.220 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.3	58.2	87.4
101	9.5	7.4	11.2
130	20.9	17.8	26.8



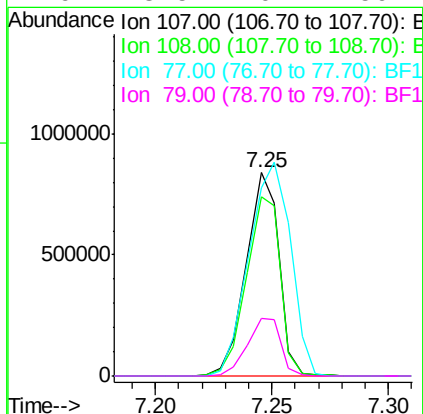
Instrument :
BNA_F
ClientSampleId :
PB127731BS

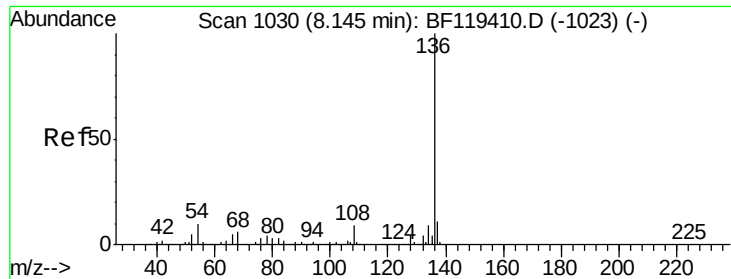
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#20
3+4-Methylphenols
Concen: 37.386 ng m
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	72.6	112.6
77	92.6	44.7	84.7#
79	28.5	10.2	50.2





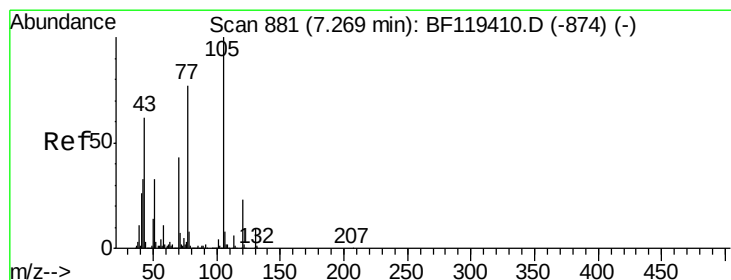
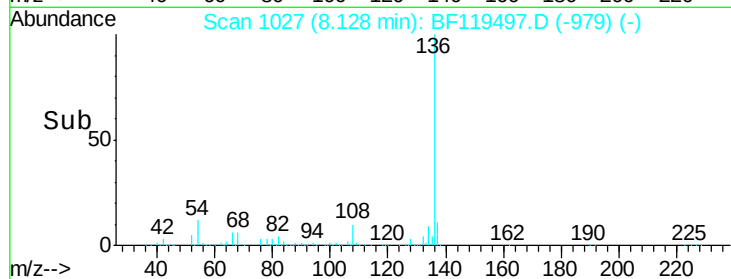
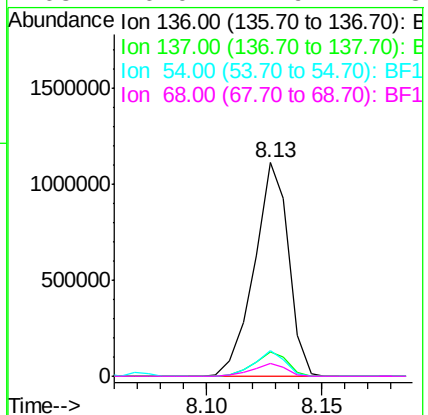
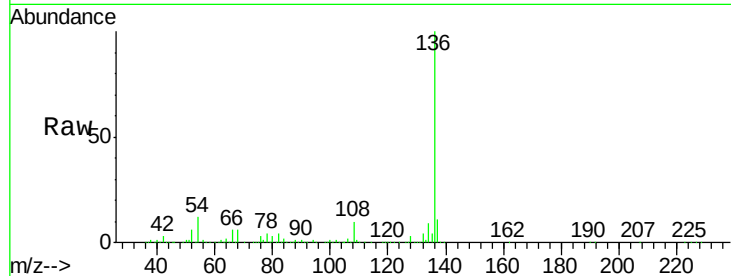
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	136	Resp	1153509
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	11.8	8.3	12.5
68	6.0	4.9	7.3

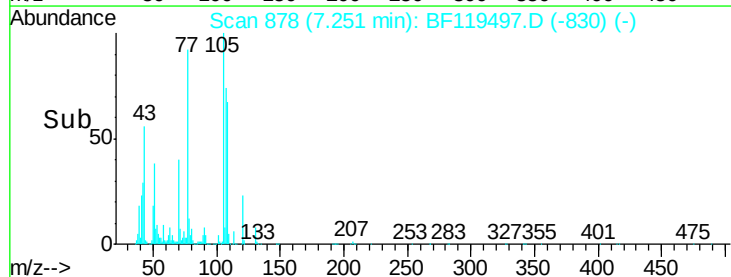
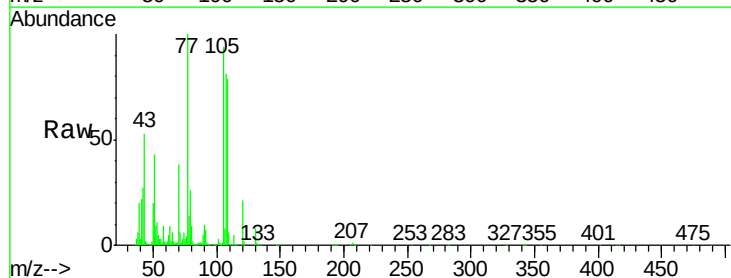
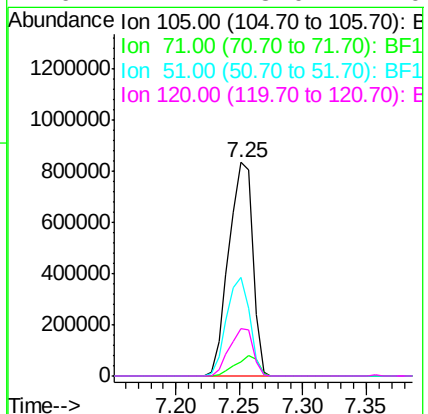
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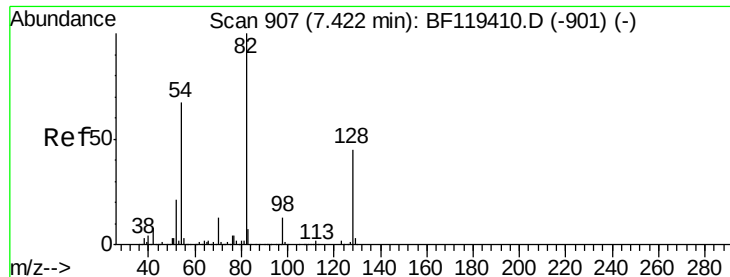
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#22
Acetophenone
Concen: 39.394 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	105	Resp	1085795
Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.8	8.6
51	45.9	26.8	40.2#
120	22.4	18.0	27.0





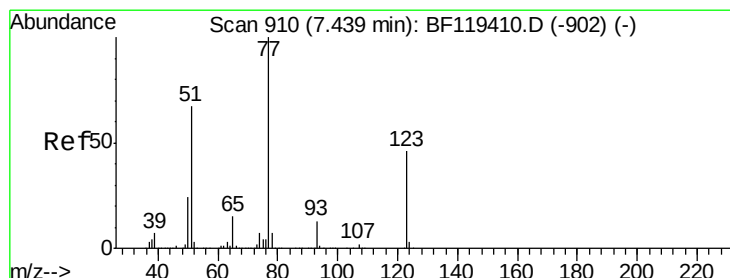
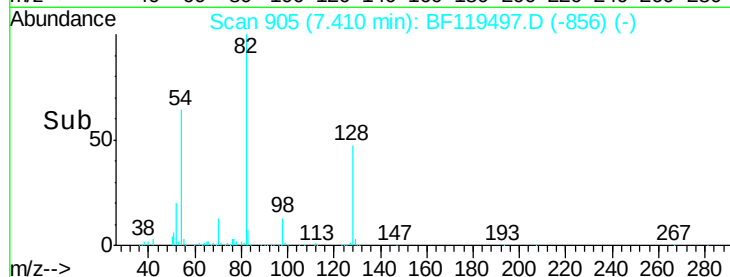
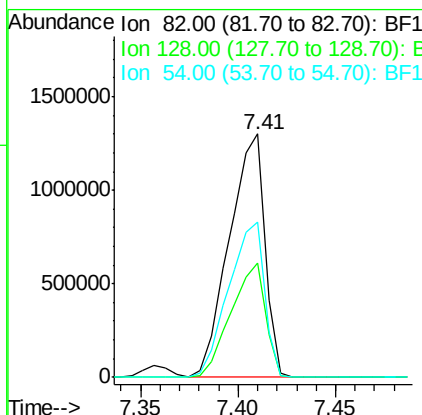
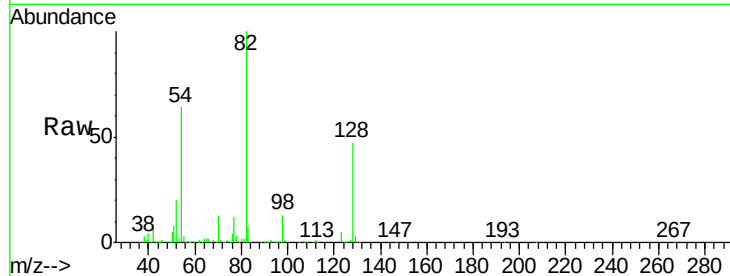
#23
 Nitrobenzene-d5
 Concen: 77.344 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Tot Ion: 82 Resp: 1641595
 Ion Ratio Lower Upper
 82 100
 128 46.9 35.8 53.8
 54 63.6 53.4 80.0

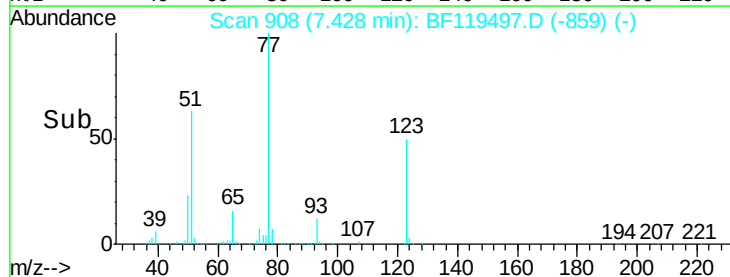
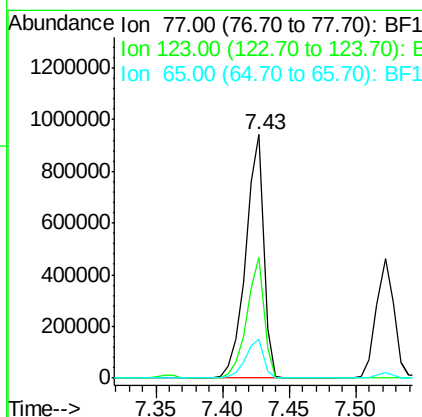
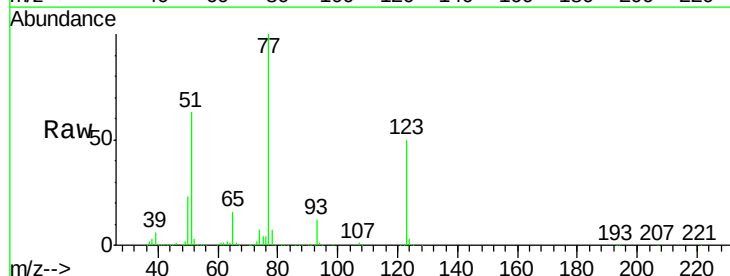
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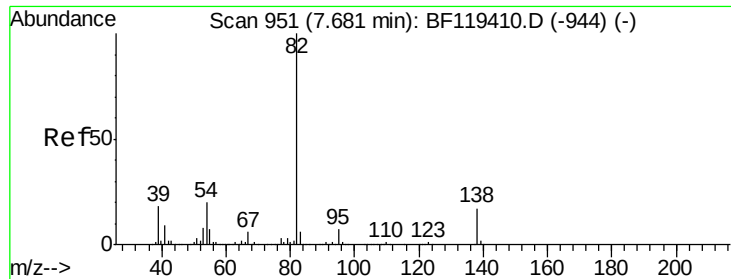
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#24
 Nitrobenzene
 Concen: 38.446 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Tgt Ion: 77 Resp: 872044
 Ion Ratio Lower Upper
 77 100
 123 49.7 36.9 55.3
 65 15.9 12.2 18.4





#25

Isophorone

Concen: 37.485 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

Tot Ion: 82 Resp: 1613884

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

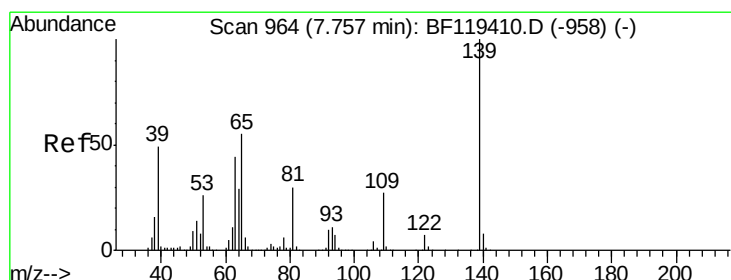
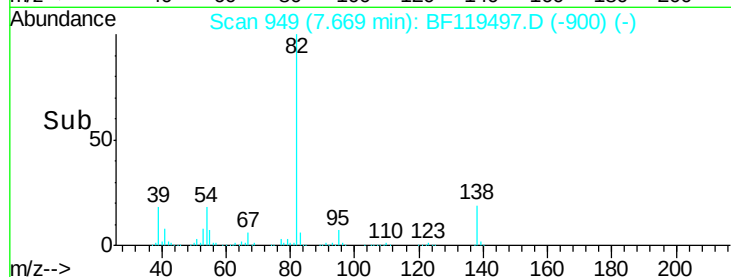
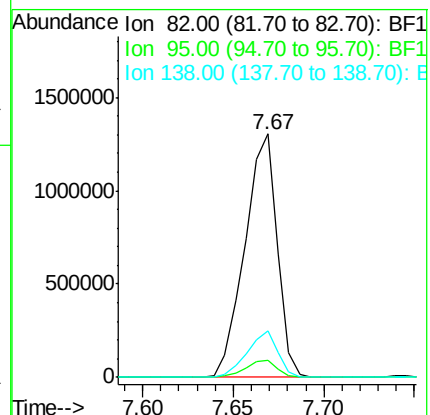
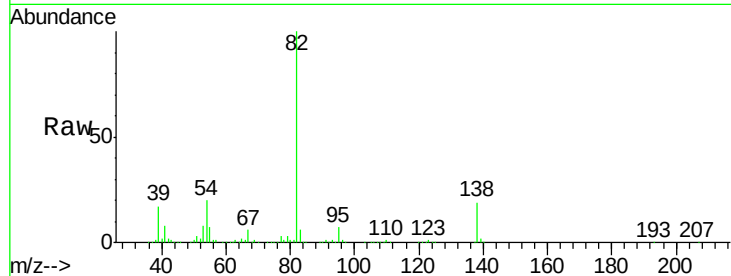
138 18.9 13.8 20.8

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#26

2-Nitrophenol

Concen: 48.880 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

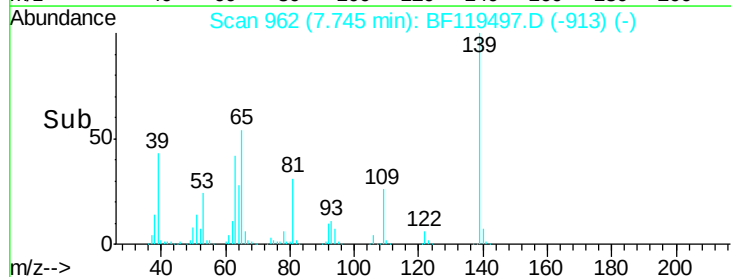
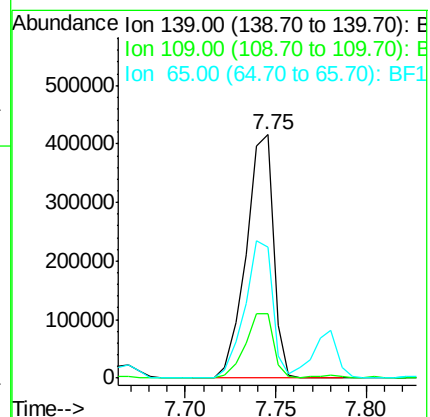
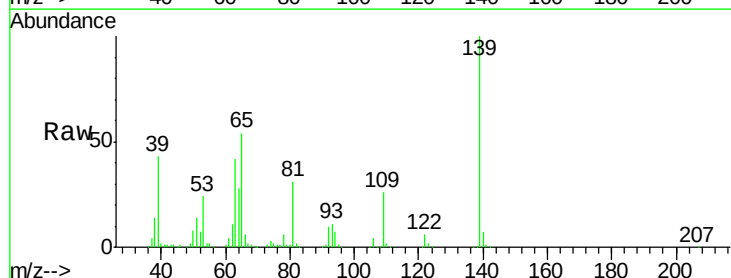
Tgt Ion: 139 Resp: 436543

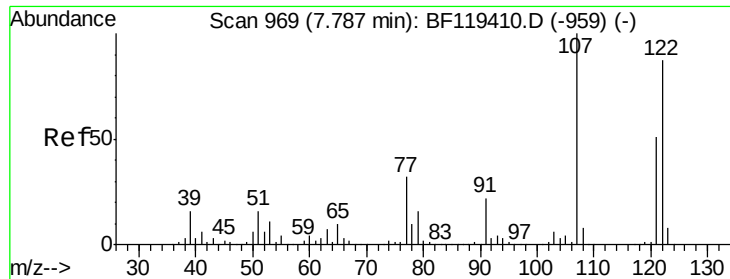
Ion Ratio Lower Upper

139 100

109 26.3 21.7 32.5

65 53.6 43.9 65.9





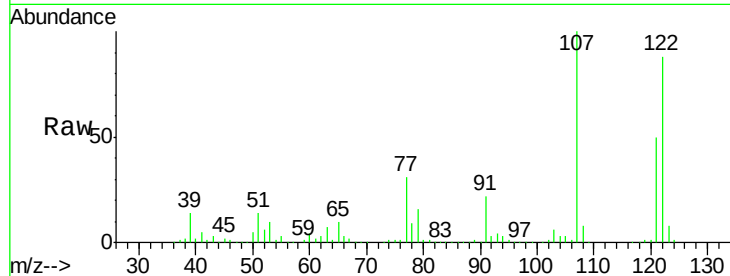
#27
2,4-Dimethylphenol
Concen: 40.768 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

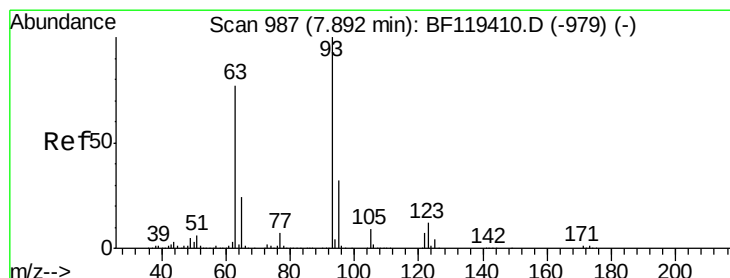
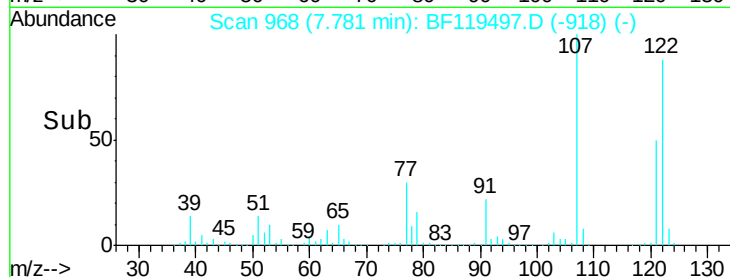
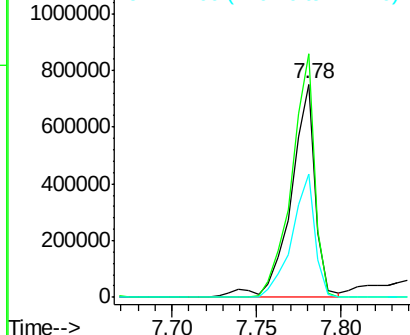
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	91.8	137.6
121	57.5	46.5	69.7

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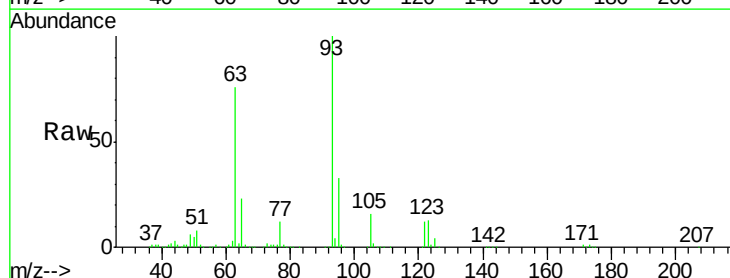


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

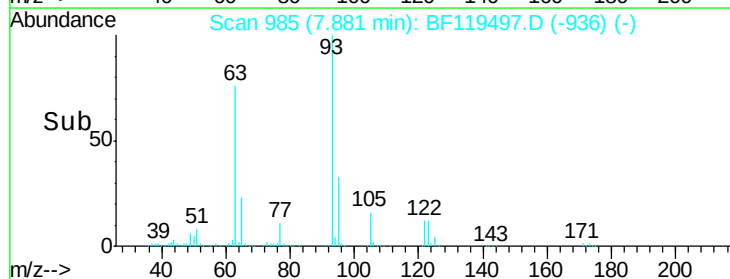
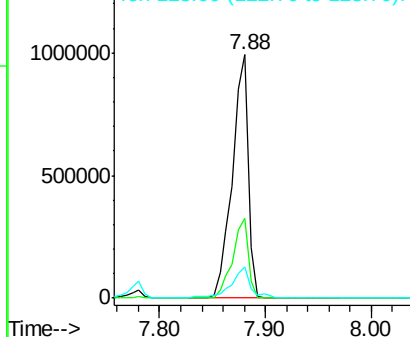


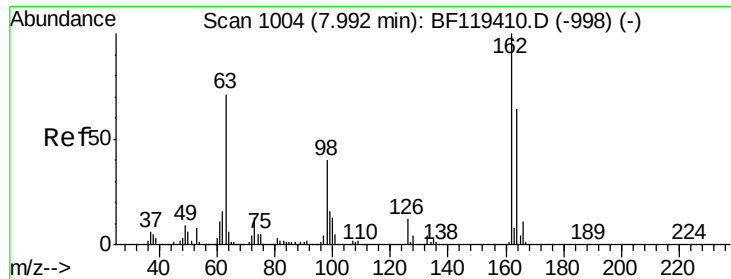
#28
bis(2-Chloroethoxy)methane
Concen: 40.468 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.0	39.0
123	12.6	9.7	14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





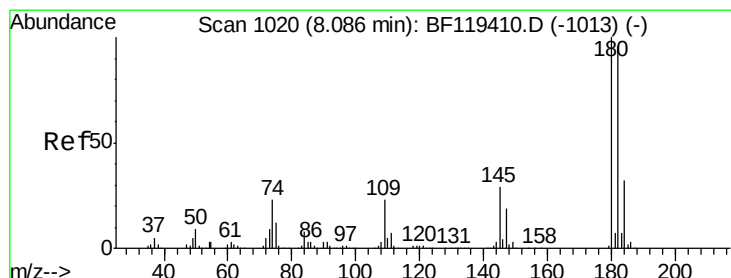
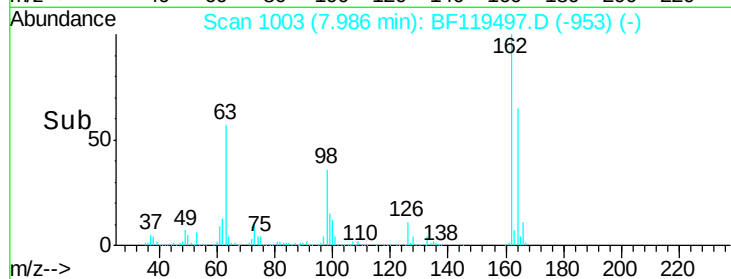
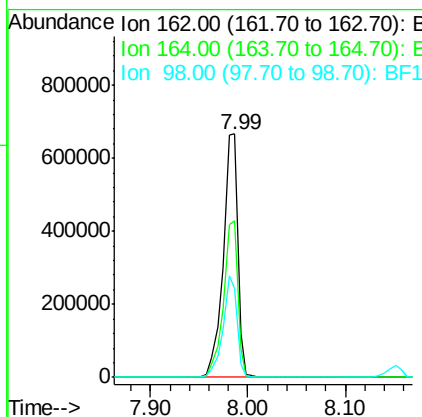
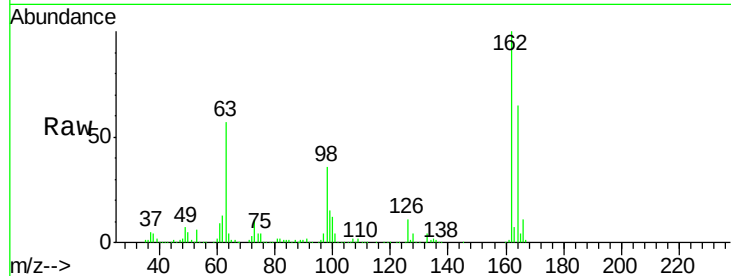
#29
2,4-Dichlorophenol
Concen: 41.332 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	701319		
164	64.5	43.6	83.6	
98	36.4	20.4	60.4	

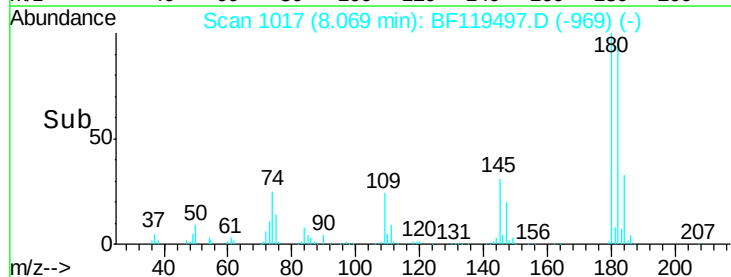
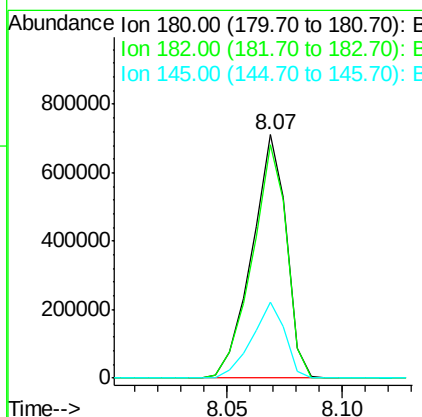
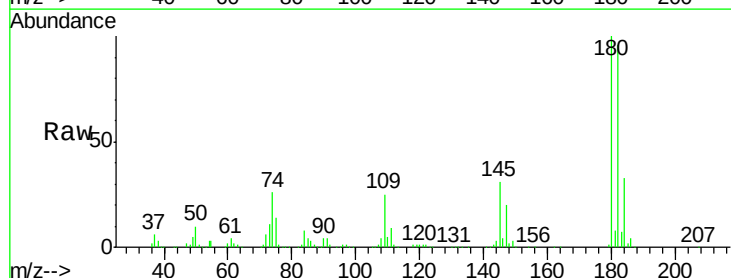
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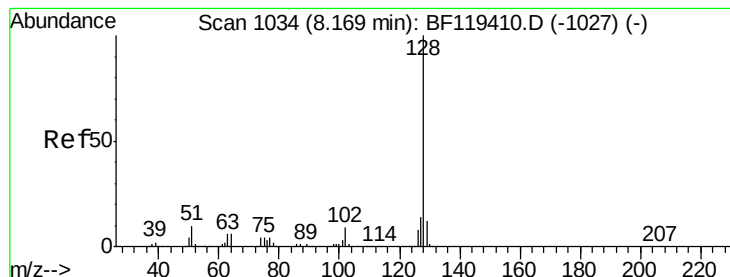
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#30
1,2,4-Trichlorobenzene
Concen: 39.344 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	738298		
182	96.0	76.6	115.0	
145	31.4	23.2	34.8	





#31

Naphthalene

Concen: 39.554 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

Tot Ion:128 Resp: 2347949

Ion Ratio Lower Upper

128 100

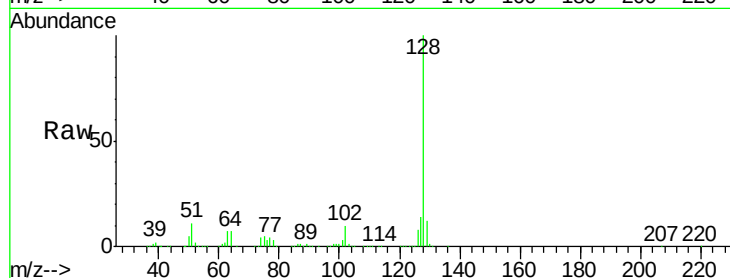
129 11.8 9.3 13.9

127 14.0 11.0 16.4

Manual Integrations
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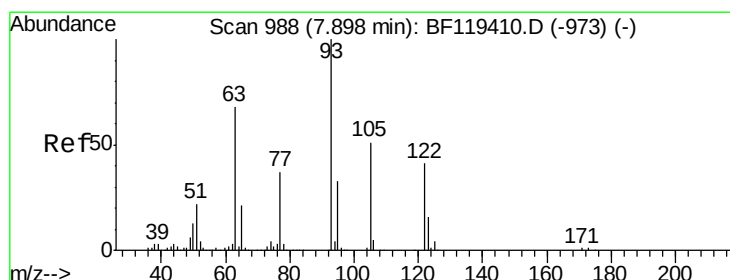
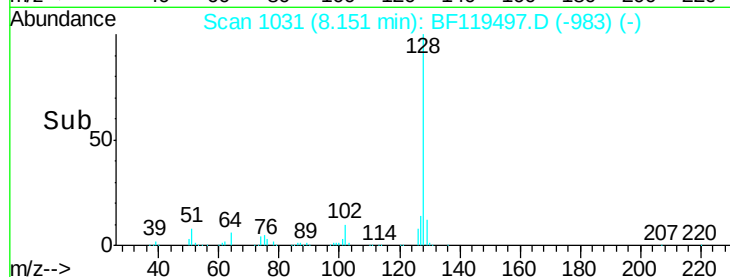
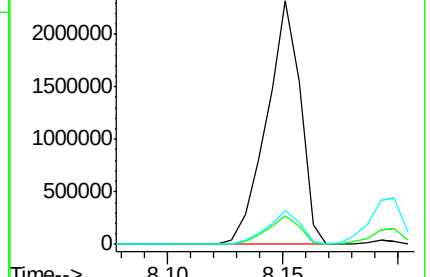
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.160 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

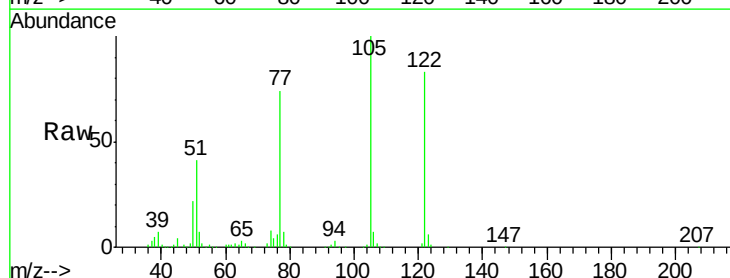
Tgt Ion:122 Resp: 583966

Ion Ratio Lower Upper

122 100

105 120.9 102.9 142.9

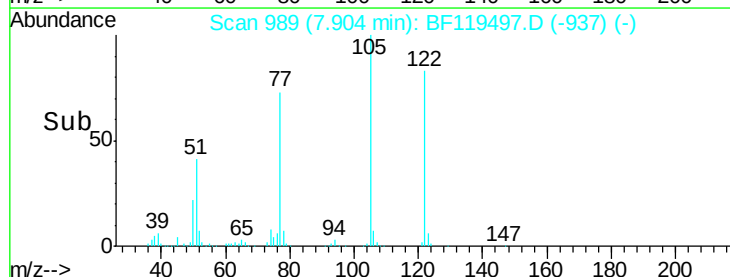
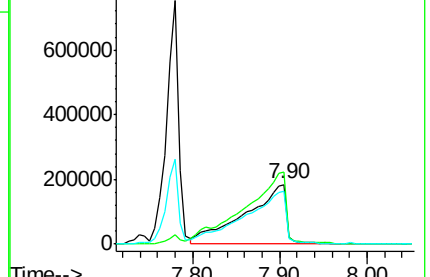
77 89.1 70.1 110.1

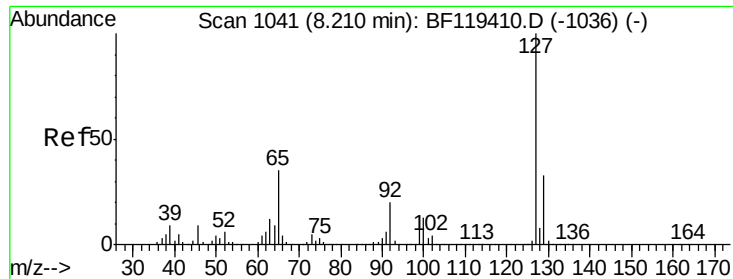


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





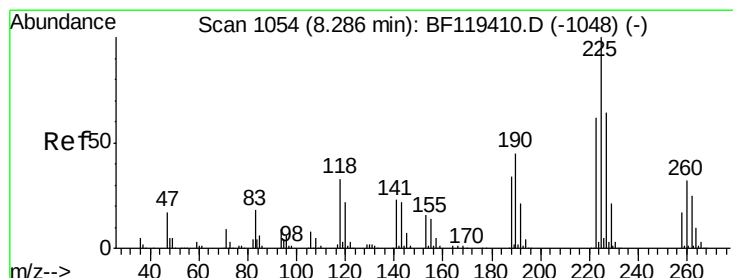
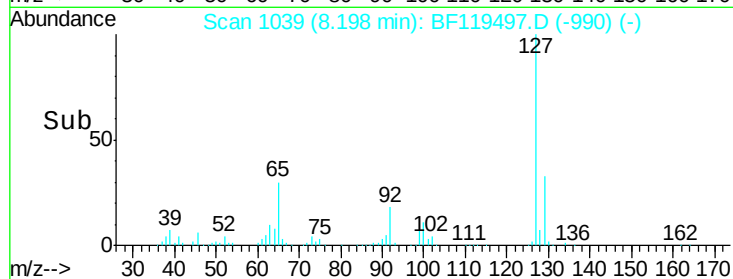
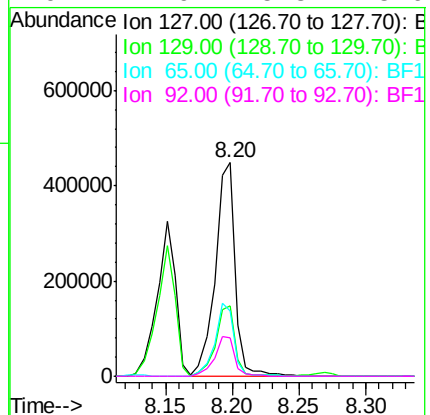
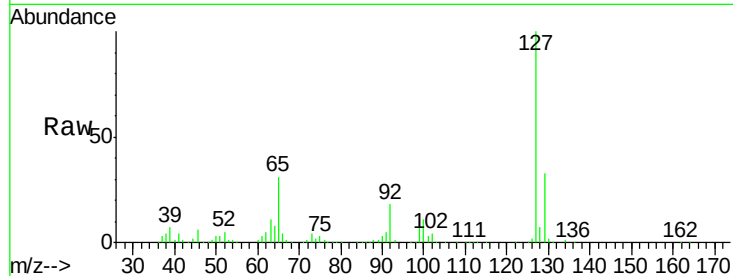
#33
4-Chloroaniline
Concen: 17.187 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		467478		
129	33.3	26.2	39.4		
65	30.7	27.7	41.5		
92	17.9	15.8	23.6		

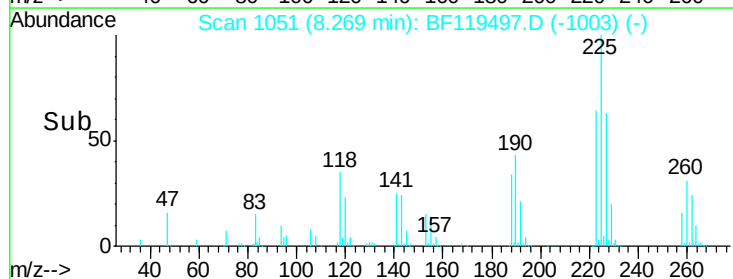
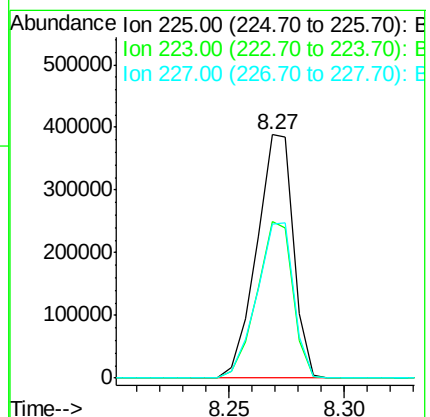
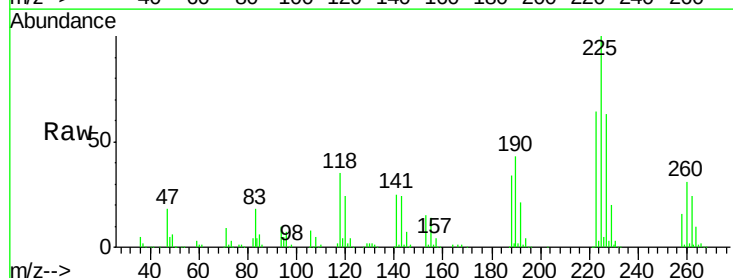
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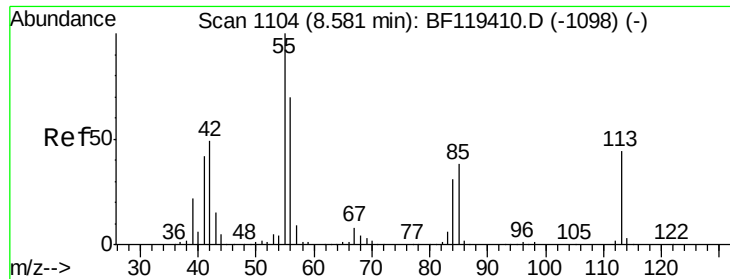
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#34
Hexachlorobutadiene
Concen: 40.959 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		430037		
223	64.3	49.2	73.8		
227	63.3	51.1	76.7		





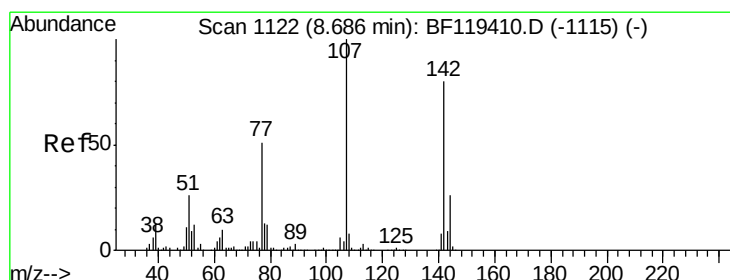
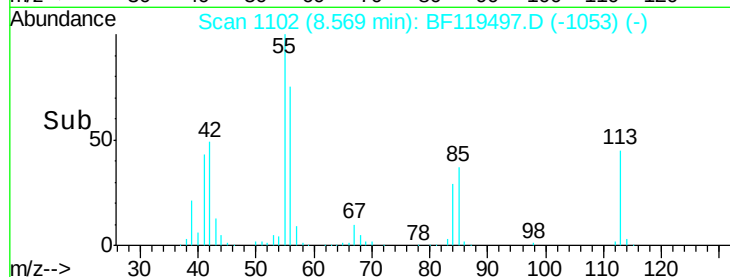
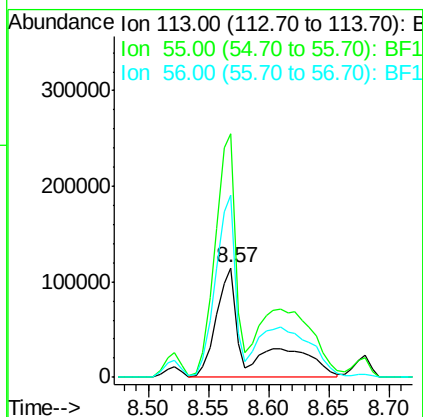
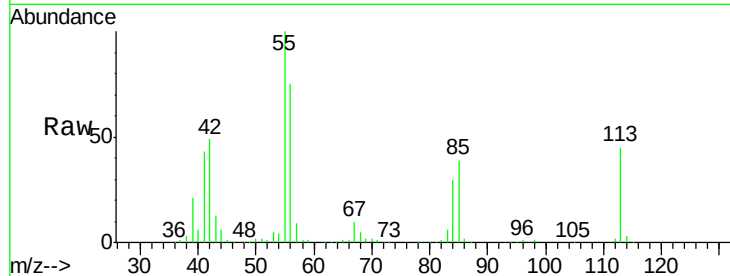
#35
Caprolactam
Concen: 40.586 ng/ml
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	222.4	208.4	248.4
56	166.2	138.9	178.9

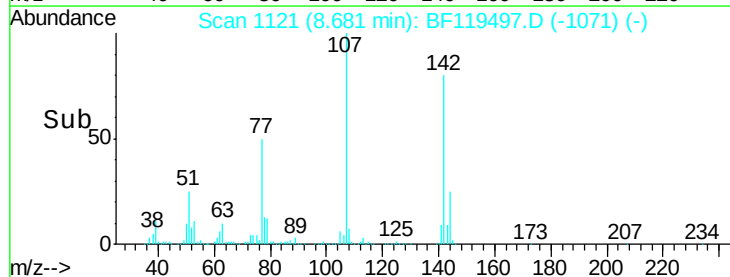
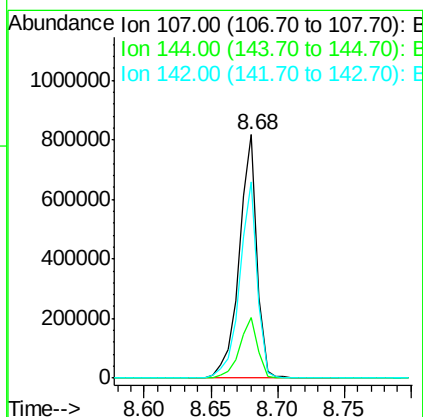
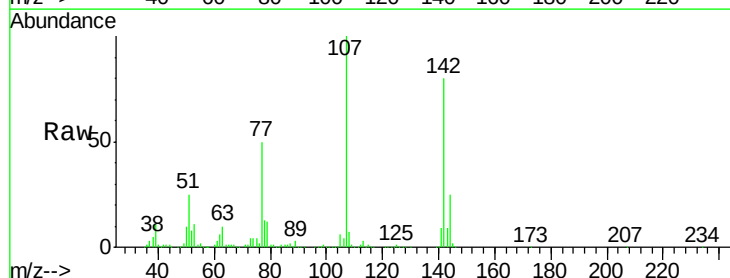
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APPROVED

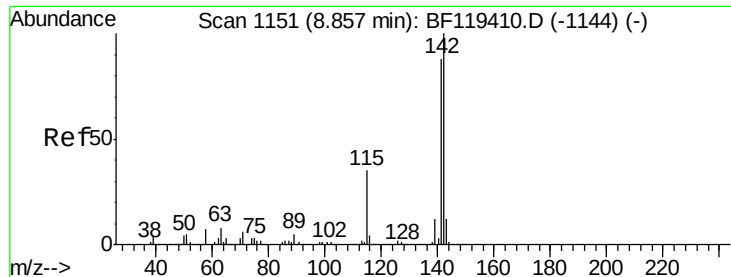
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#36
4-Chloro-3-methylphenol
Concen: 40.981 ng/ml
RT: 8.68 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.6	31.0
142	80.3	63.8	95.6





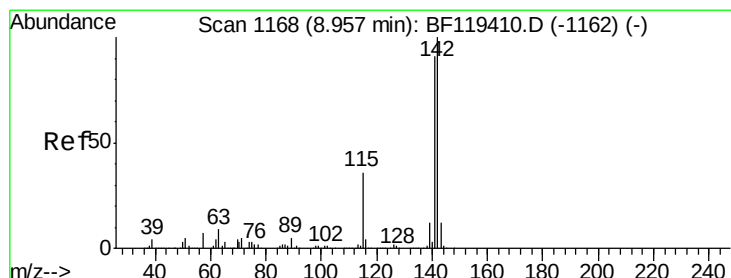
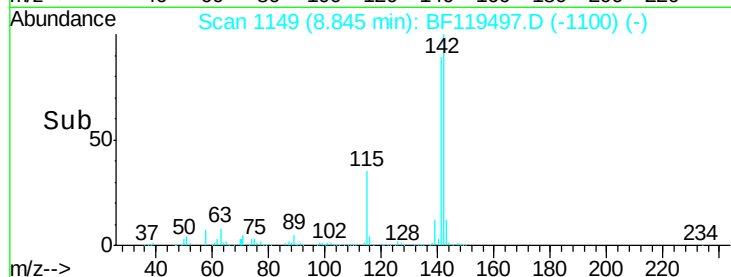
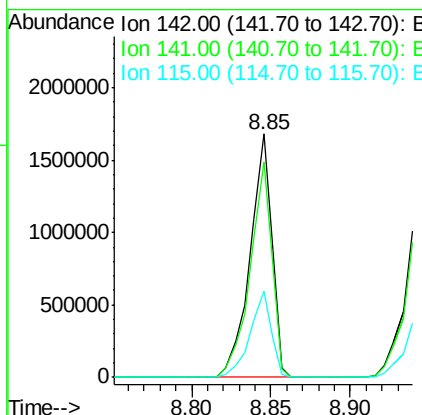
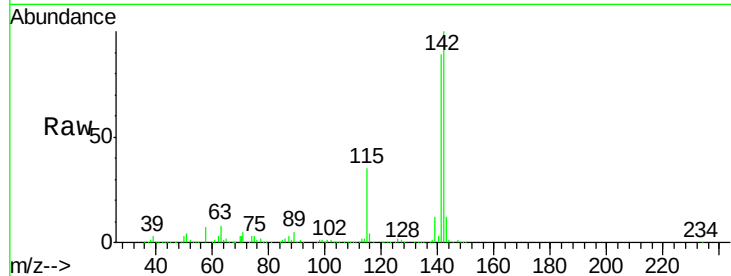
#37
2-Methylnaphthalene
Concen: 41.195 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.4	105.6
115	35.1	27.8	41.6

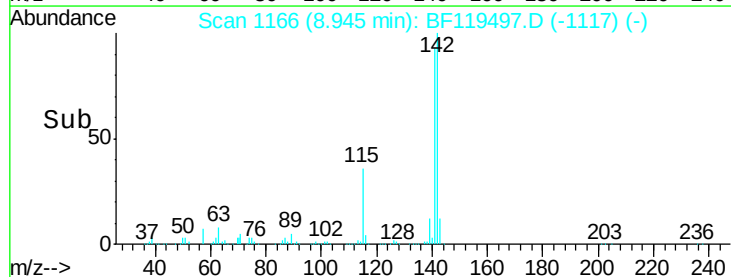
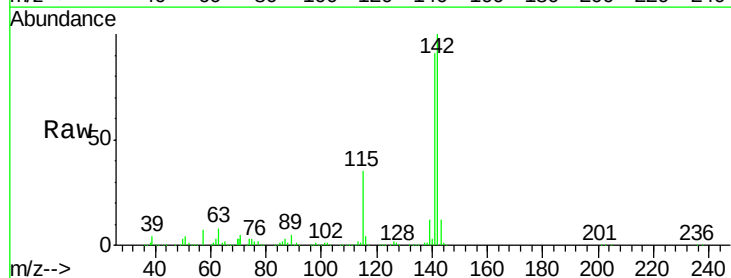
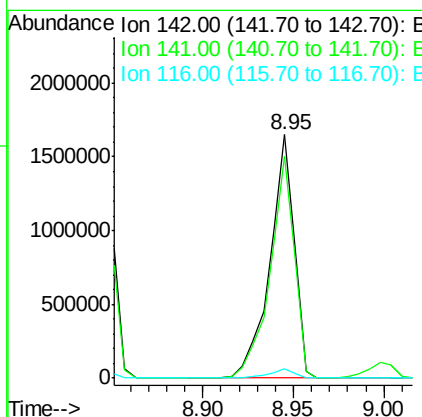
Manual Integrations
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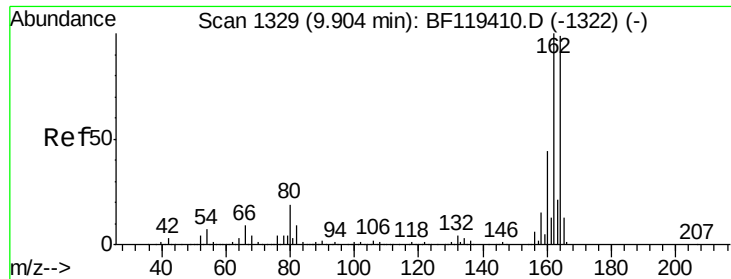
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#38
1-Methylnaphthalene
Concen: 41.470 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.1	109.7
116	3.8	3.0	4.6





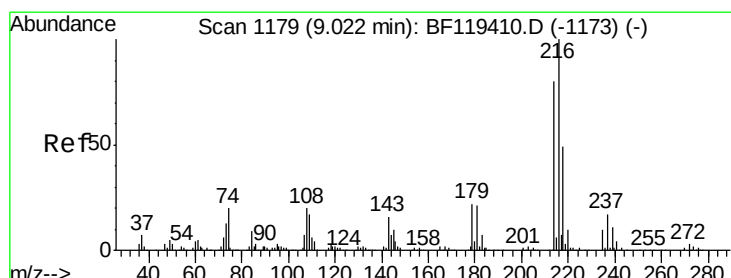
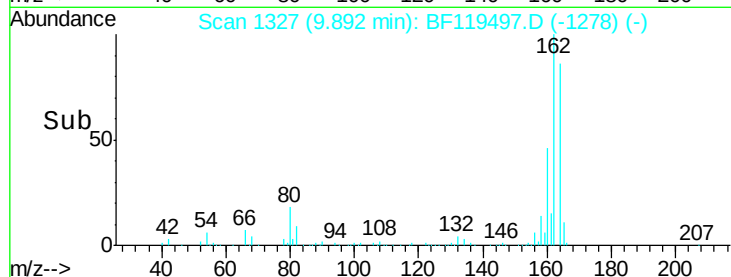
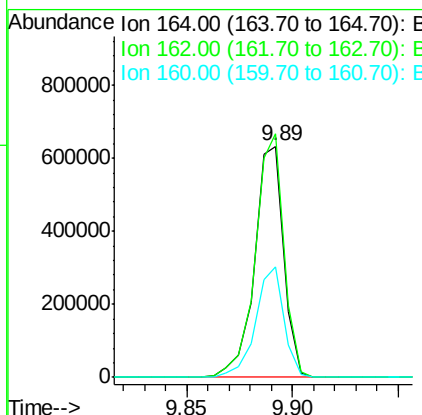
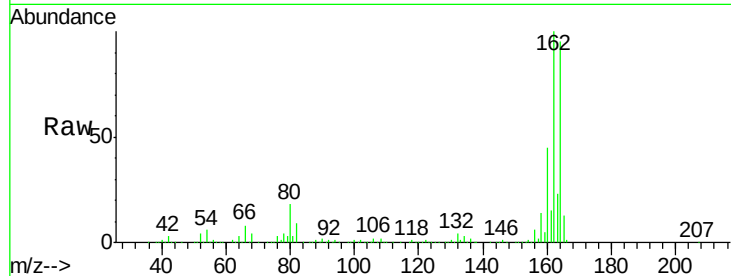
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.2	80.7	121.1	
160	47.7	35.5	53.3	

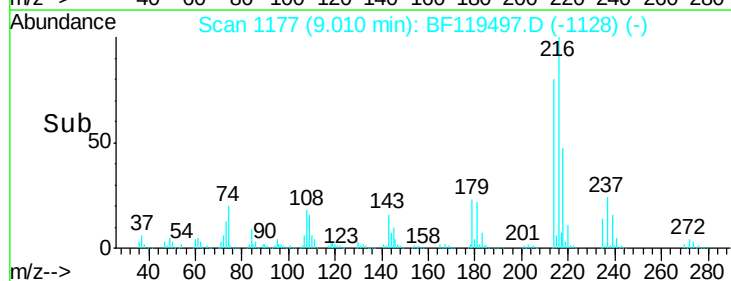
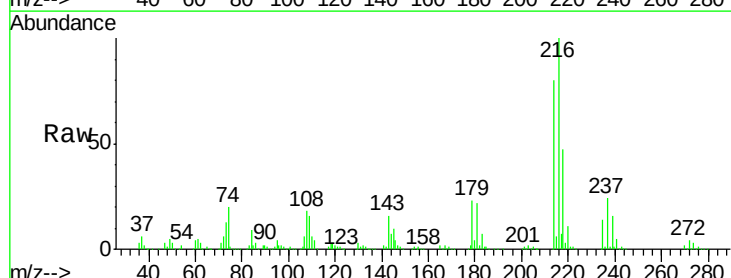
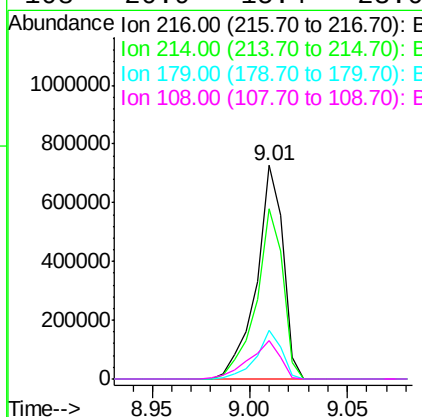
Manual Integrations
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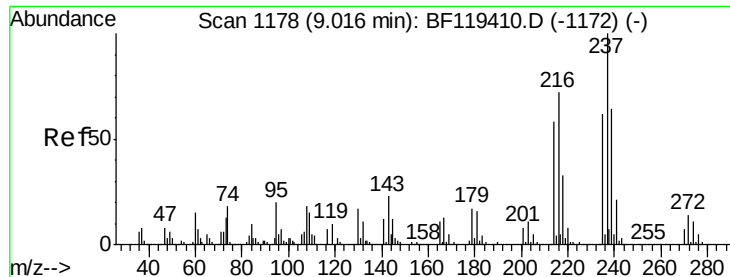
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.412 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.0	94.6	
179	21.5	17.0	25.4	
108	20.9	15.4	23.0	





#41

Hexachlorocyclopentadiene

Concen: 83.233 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

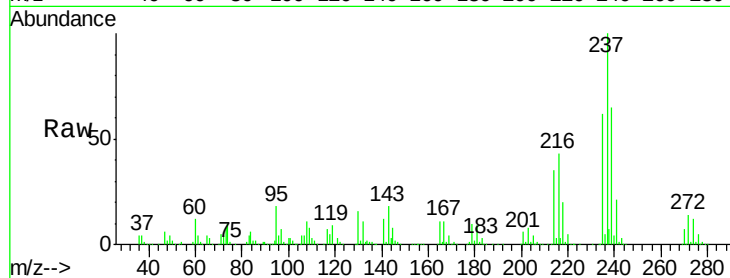
ClientSampleId :

PB127731BS

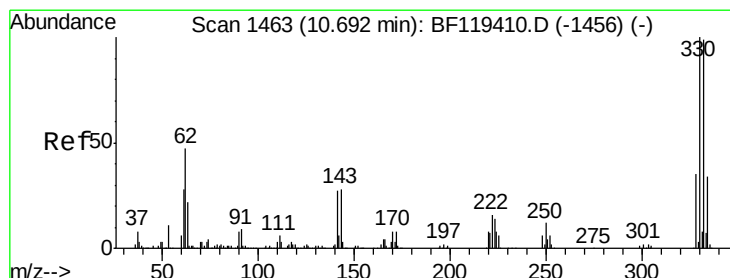
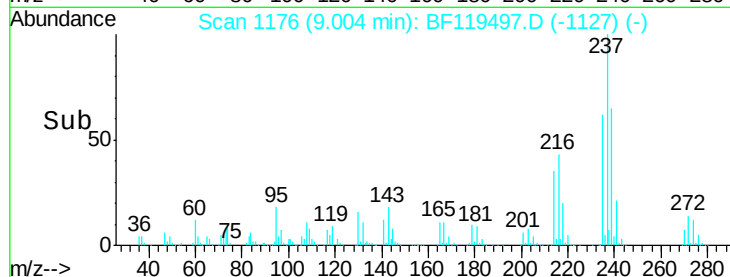
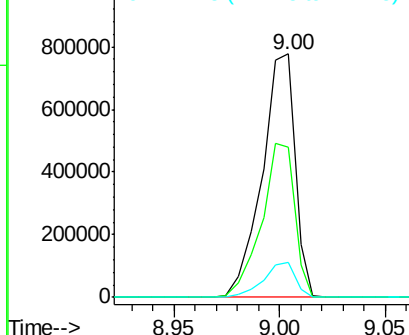
Tot Ion:	237	Resp:	849667
Ion Ratio		Lower	Upper
237	100		
235	61.8	42.5	82.5
272	14.4	0.0	34.3

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: 124.674 ng

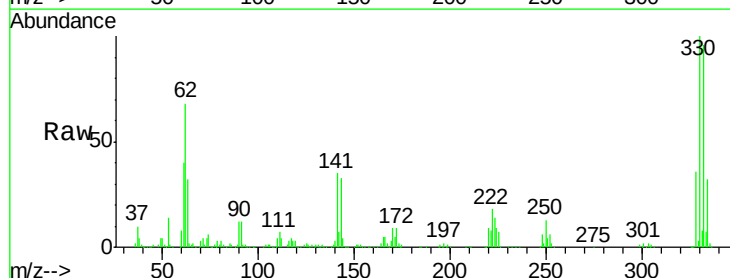
RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

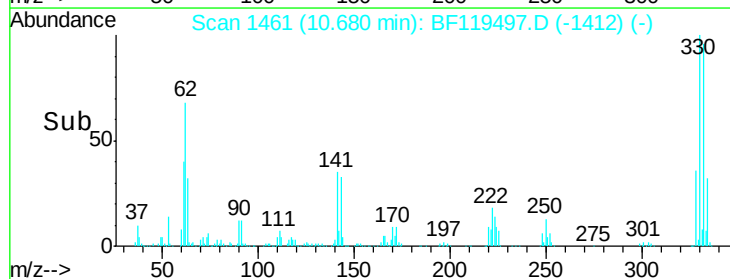
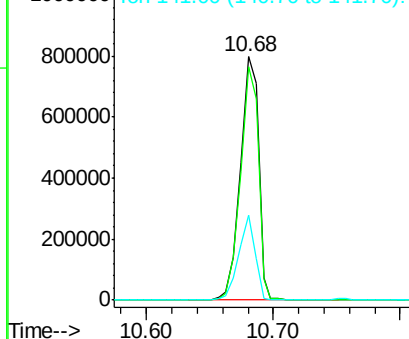
Lab File: BF119497.D

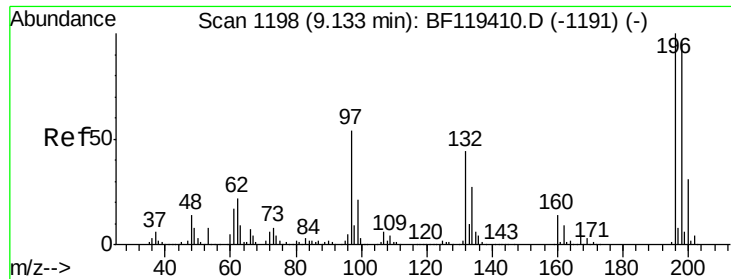
Acq: 24 Mar 2020 20:47

Tgt Ion:	330	Resp:	787955
Ion Ratio		Lower	Upper
330	100		
332	94.4	77.6	116.4
141	31.4	26.6	40.0



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





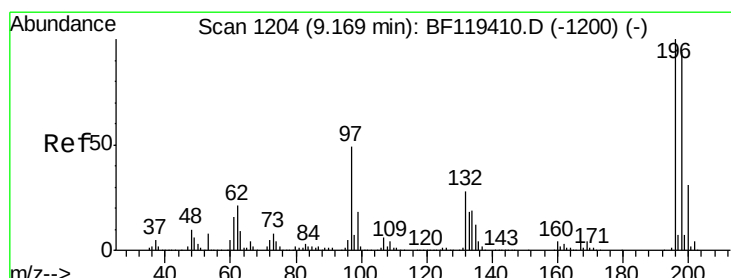
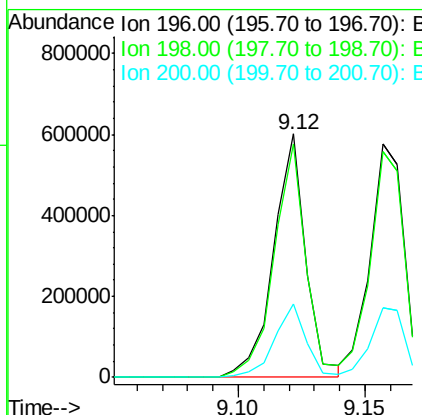
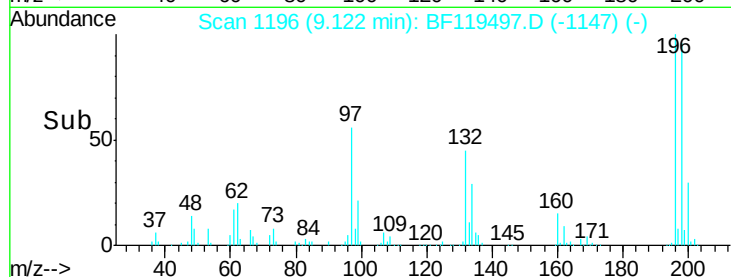
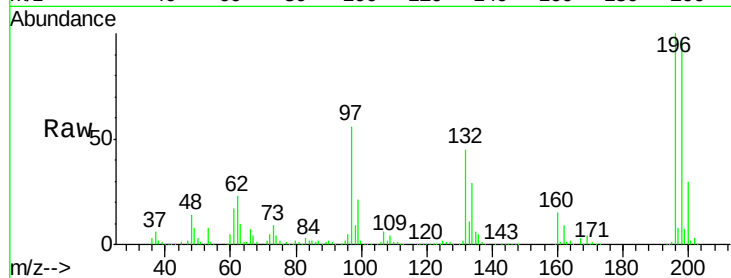
#43
 2,4,6-Trichlorophenol
 Concen: 41.604 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.8	77.0	115.4	
200	30.3	25.1	37.7	

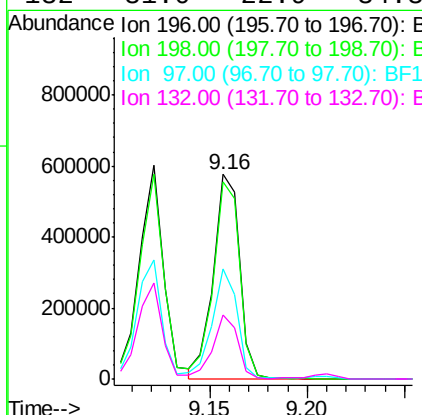
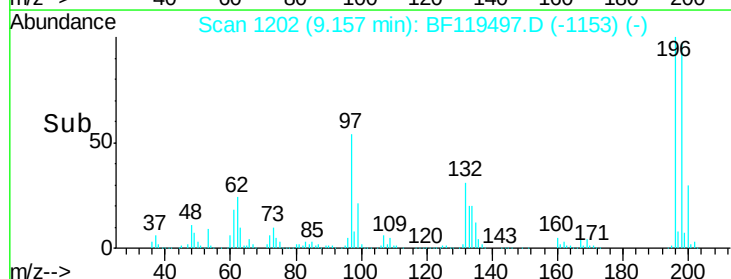
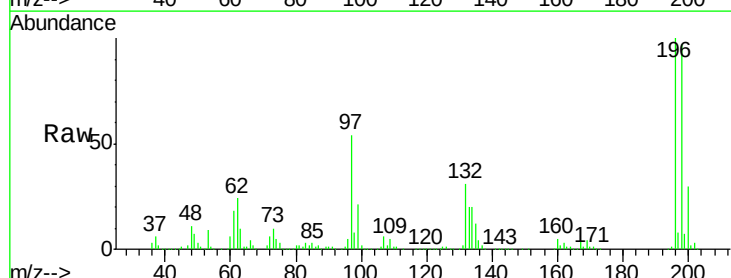
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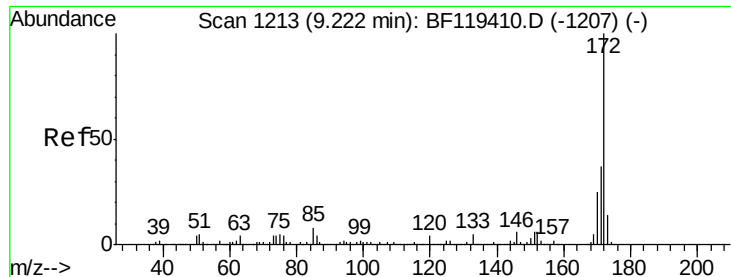
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 37.537 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.5	75.3	112.9	
97	54.0	39.0	58.4	
132	31.0	22.9	34.3	





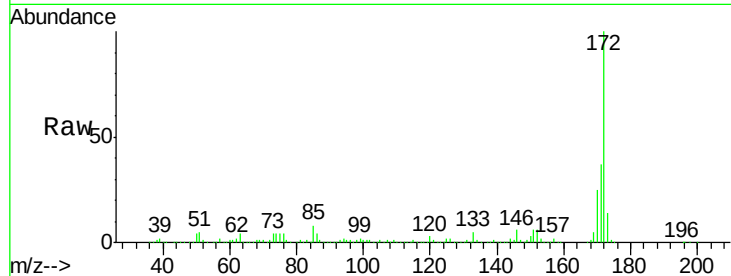
#45
2-Fluorobiphenyl
Concen: 75.544 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.9	44.9
170	25.3	20.1	30.1

Manual Integrations
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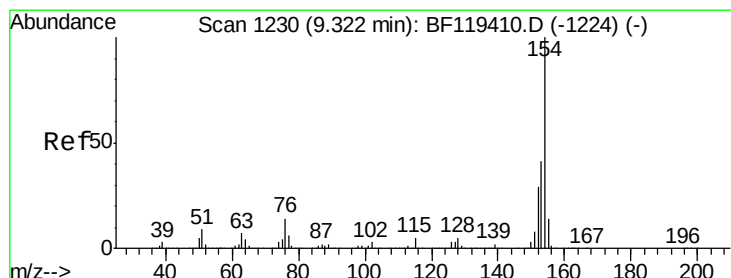
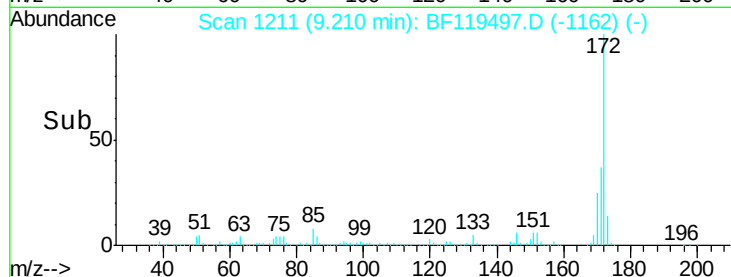
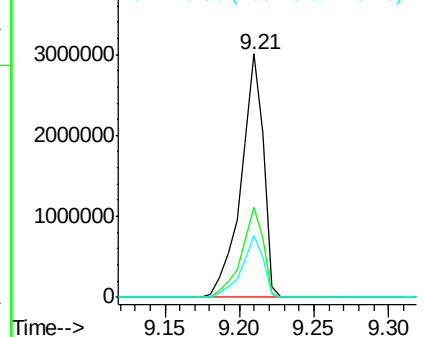


Abundance

Ion 172.00 (171.70 to 172.70): E

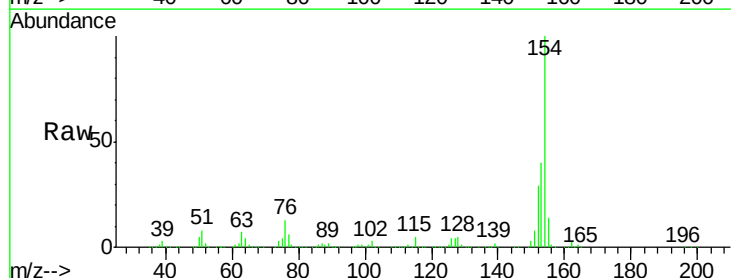
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.045 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.4	61.4
76	12.8	0.0	33.6

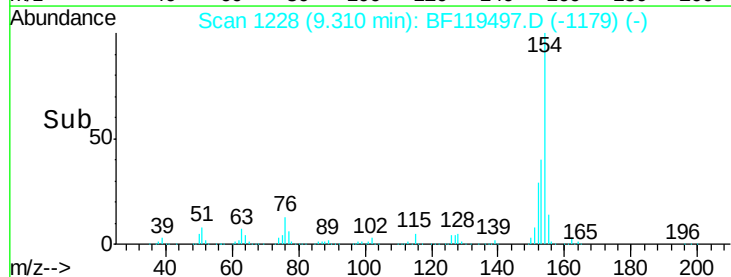
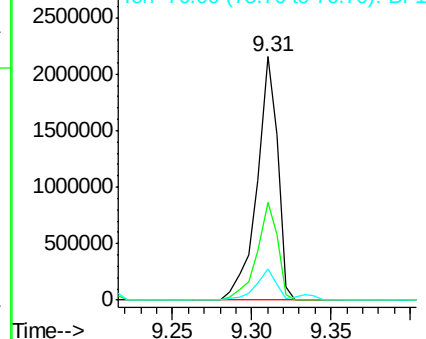


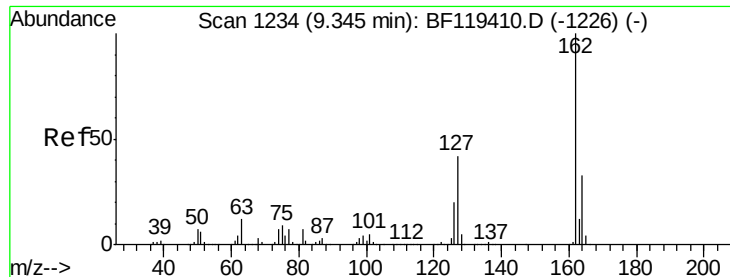
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





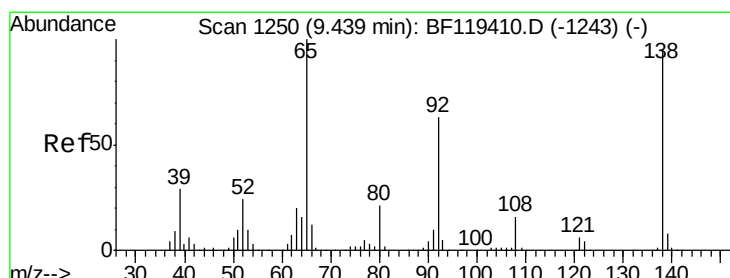
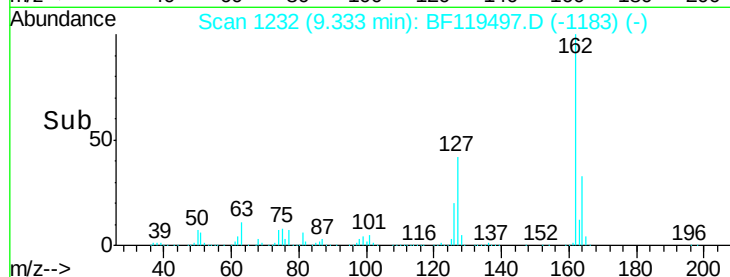
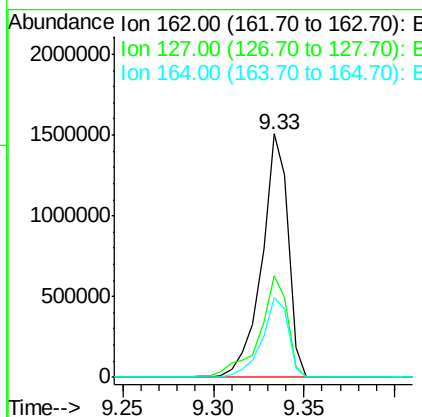
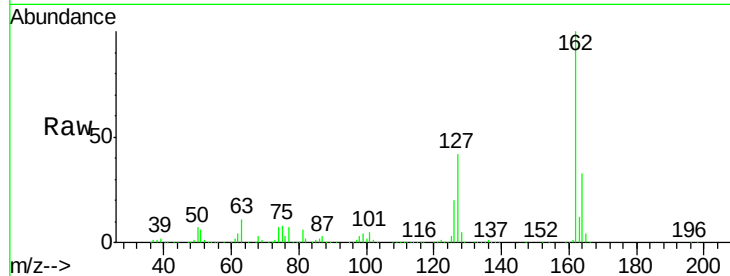
#47
 2-Chloronaphthalene
 Concen: 38.760 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.6	33.7	50.5
164	33.0	26.2	39.4

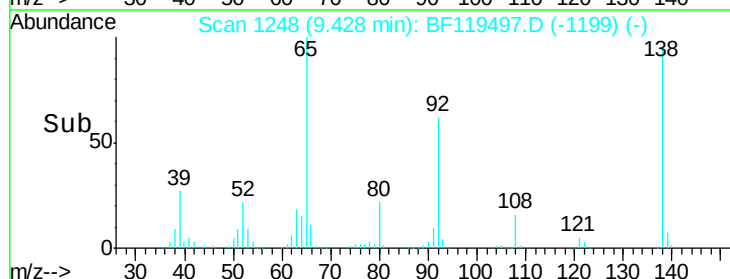
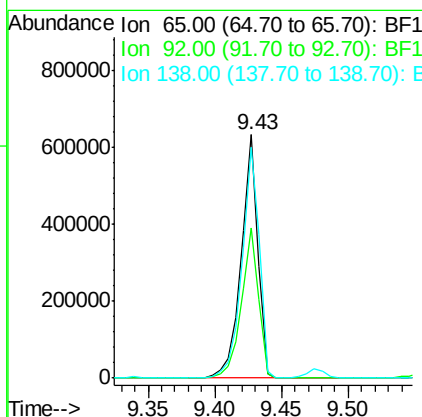
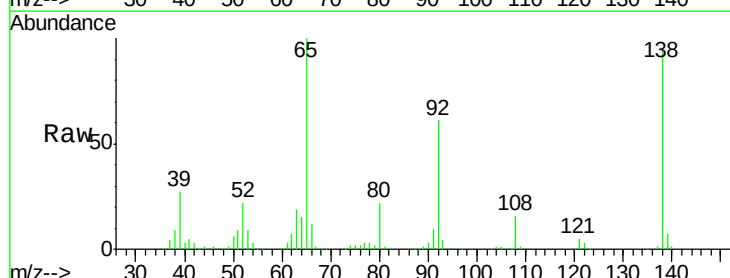
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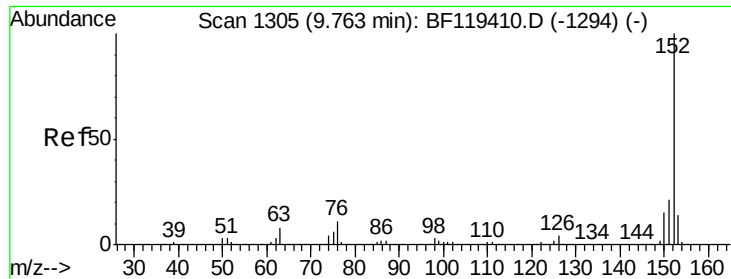
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#48
 2-Nitroaniline
 Concen: 40.788 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.5	50.5	75.7
138	94.8	75.8	113.8





#49

Acenaphthylene

Concen: 38.422 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

Tot Ion:152 Resp: 2358116

Ion Ratio Lower Upper

152 100

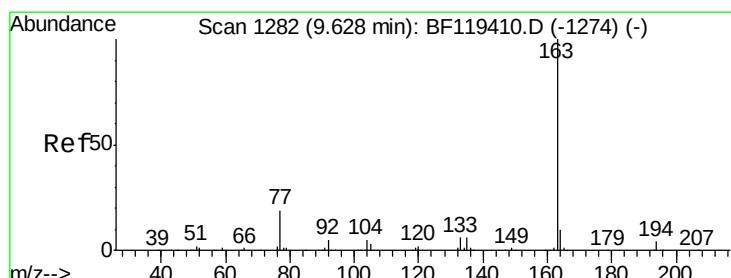
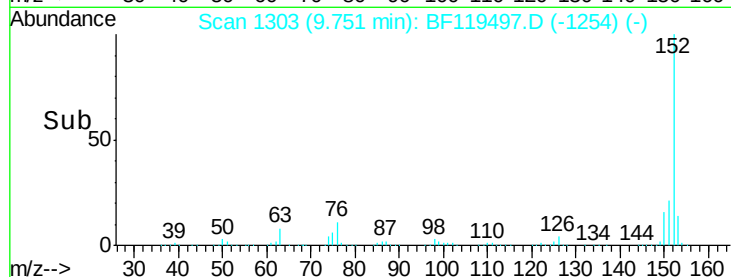
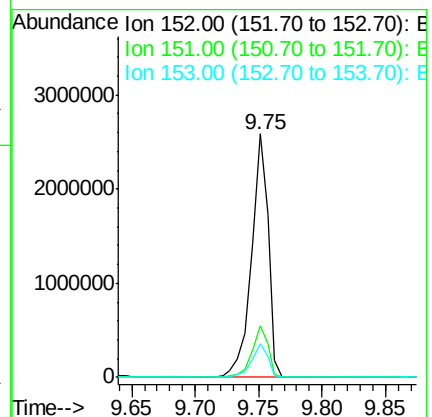
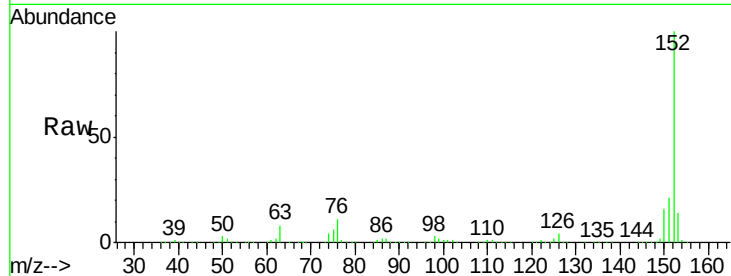
151 21.4 16.8 25.2

153 13.9 11.2 16.8

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#50

Dimethylphthalate

Concen: 40.514 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

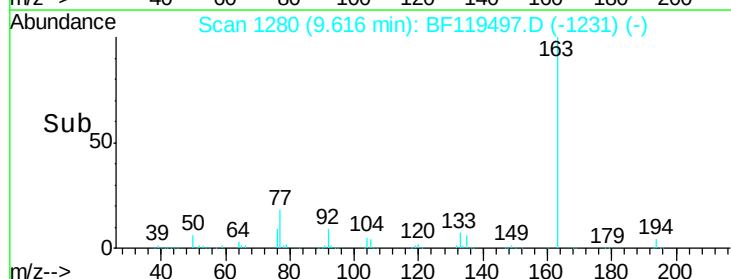
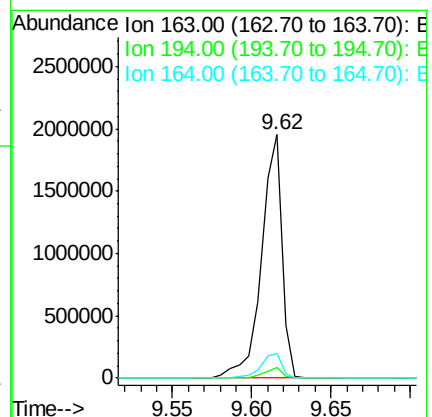
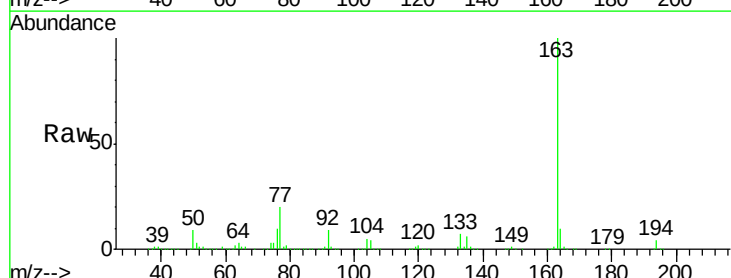
Tgt Ion:163 Resp: 1762919

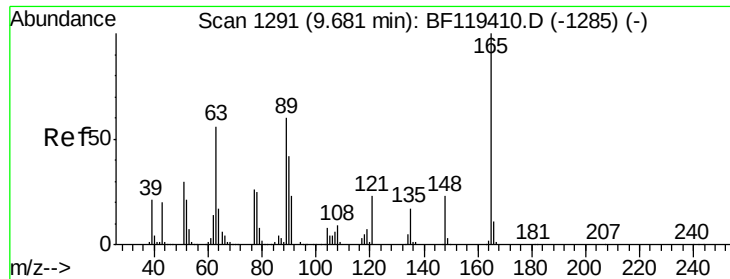
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 10.1 8.1 12.1





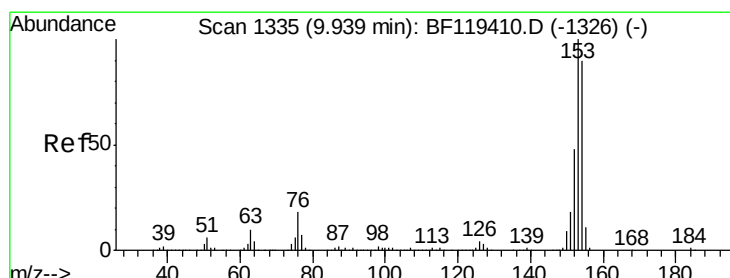
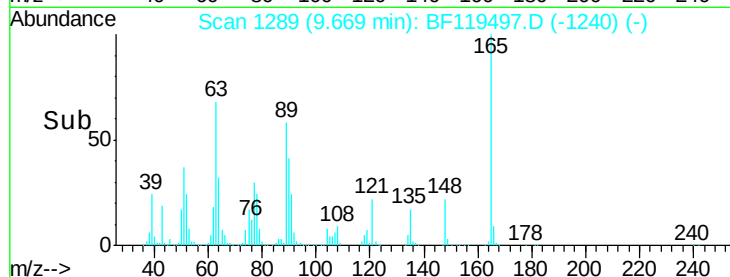
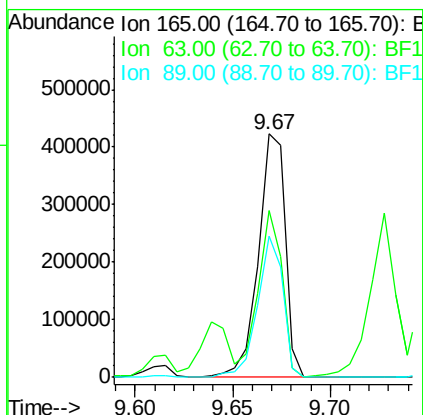
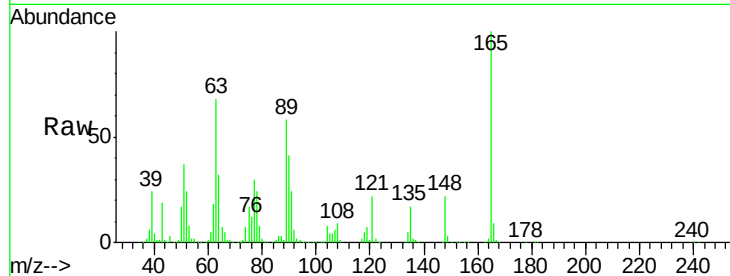
#51
2,6-Dinitrotoluene
Concen: 43.435 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleID :
PB127731BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	405120		
63	68.5	57.3	85.9	
89	58.1	47.8	71.8	

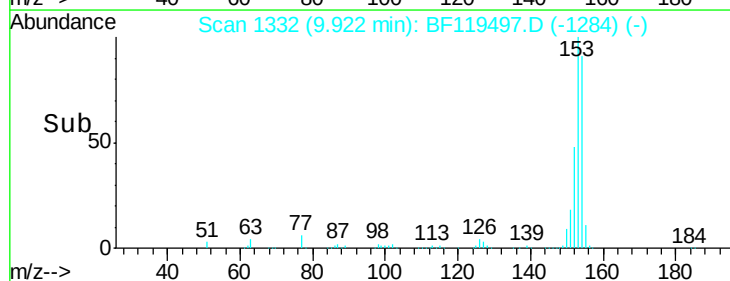
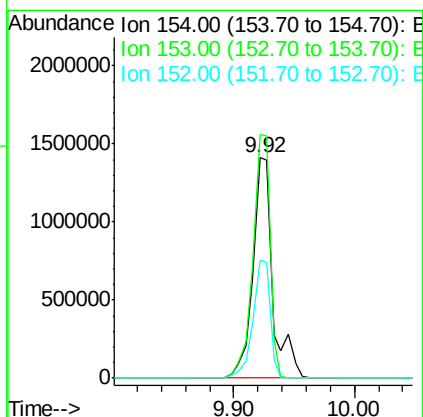
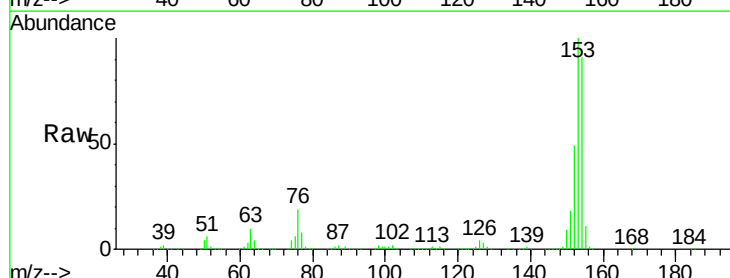
Manual Integrations
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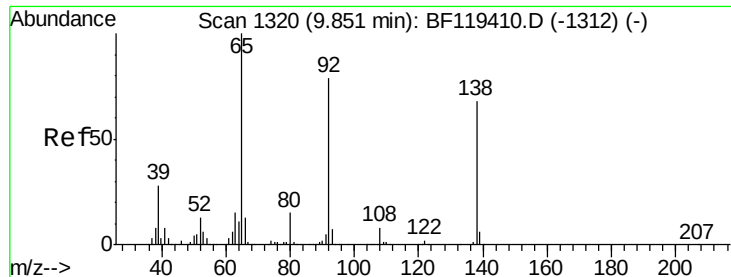
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#52
Acenaphthene
Concen: 42.627 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1630961		
153	110.4	89.0	133.6	
152	53.9	43.1	64.7	





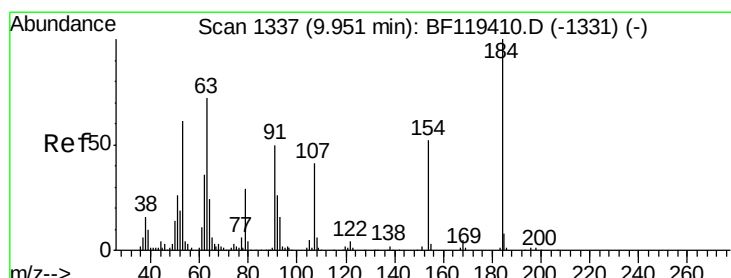
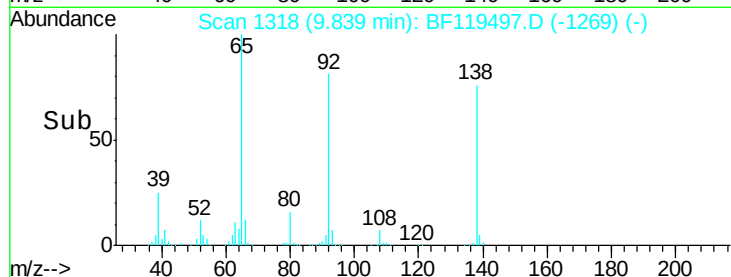
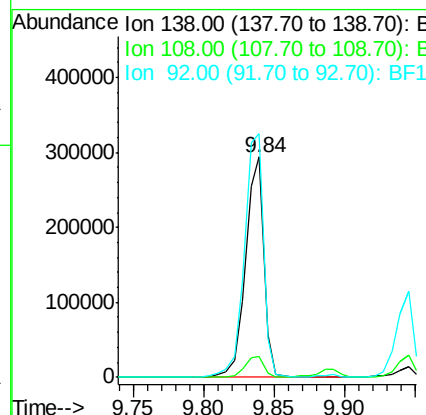
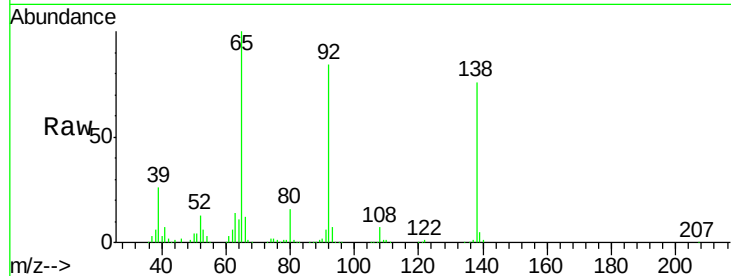
#53
3-Nitroaniline
Concen: 22.560 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.0	13.6
92	110.4	93.2	139.8

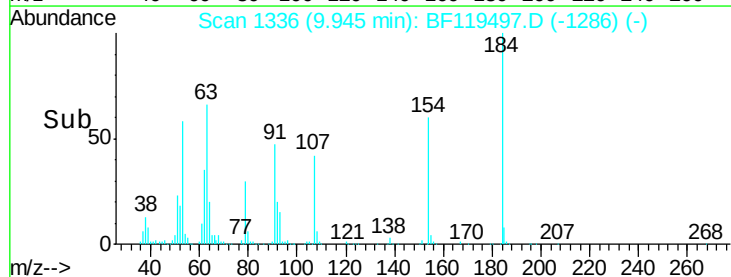
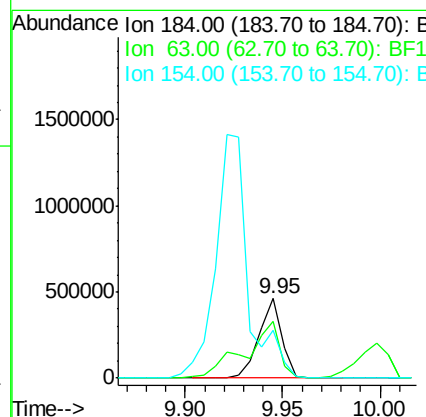
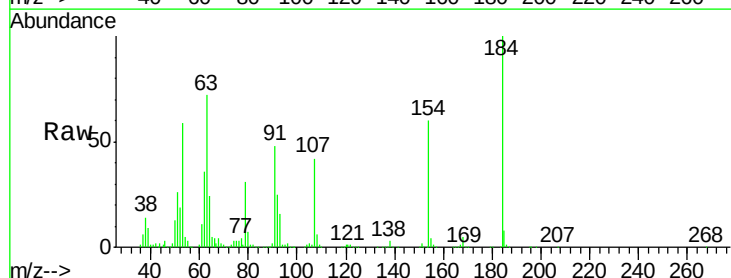
Manual Integrations
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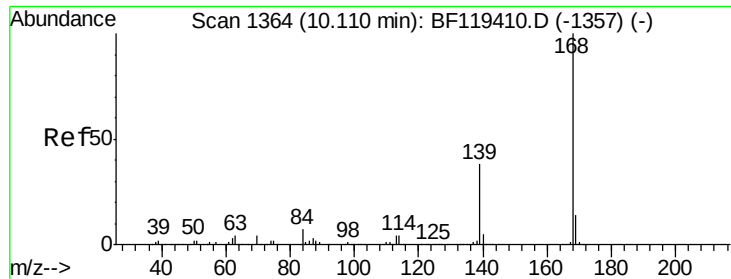
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#54
2,4-Dinitrophenol
Concen: 92.104 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.6	58.5	87.7
154	60.3	51.8	77.6





#55

Dibenzofuran

Concen: 39.114 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

Tot Ion:168 Resp: 2145685

Ion Ratio Lower Upper

168 100

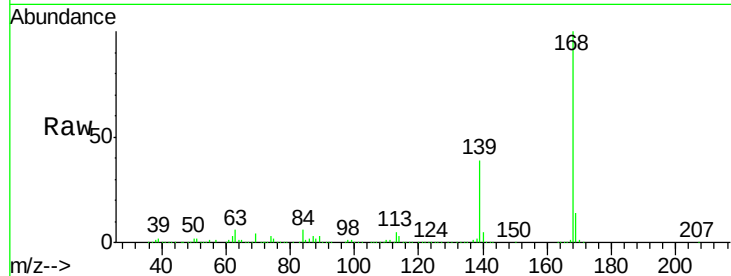
139 38.8 30.2 45.4

169 14.1 11.1 16.7

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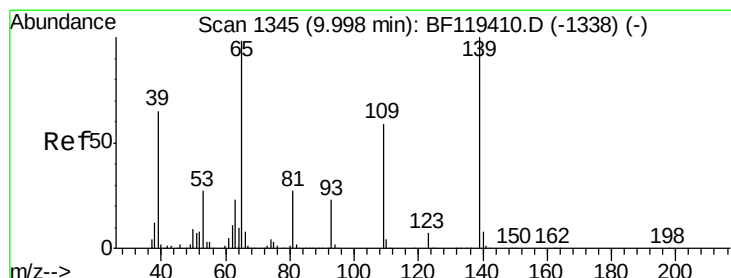
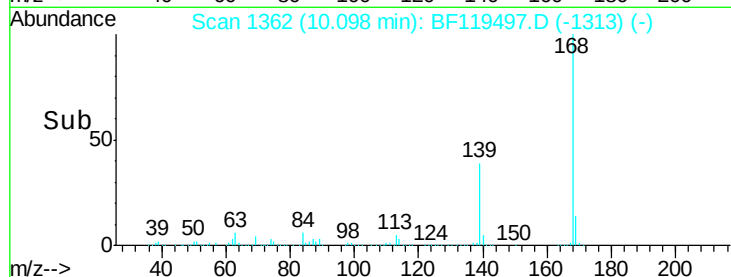
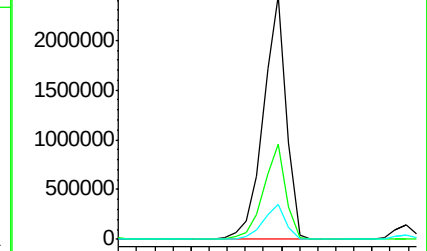
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 76.918 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

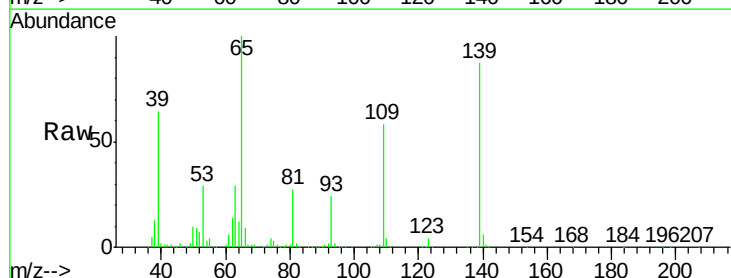
Tgt Ion:139 Resp: 714498

Ion Ratio Lower Upper

139 100

109 66.8 39.6 79.6

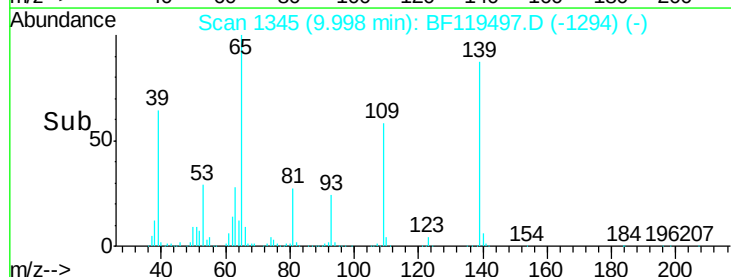
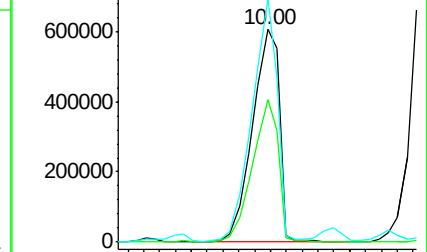
65 114.4 78.3 118.3

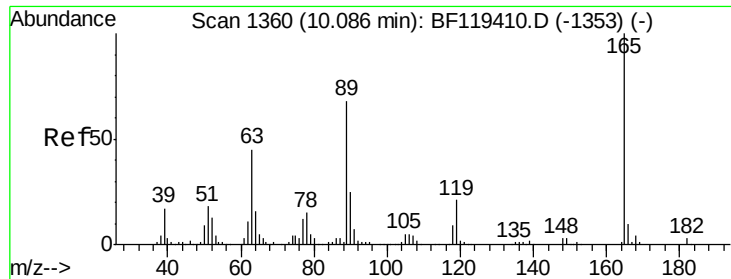


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





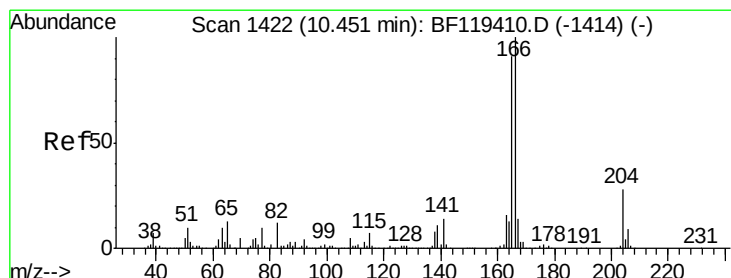
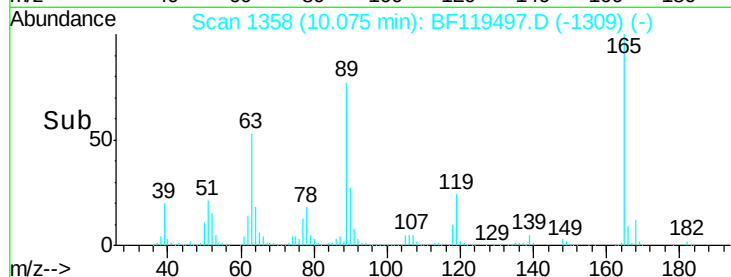
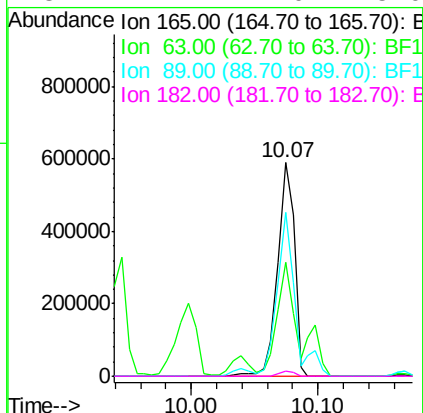
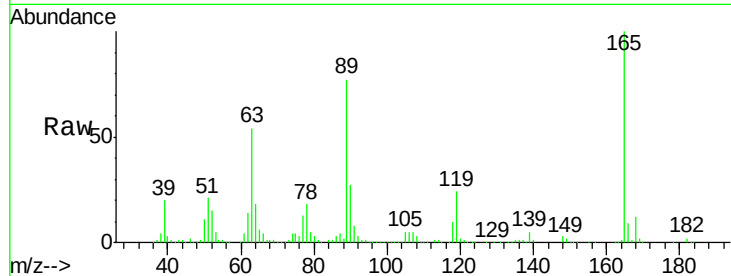
#57
2,4-Dinitrotoluene
Concen: 45.775 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		537833		
63	53.5	36.2		54.4	
89	76.5	54.3		81.5	
182	2.4	2.0		3.0	

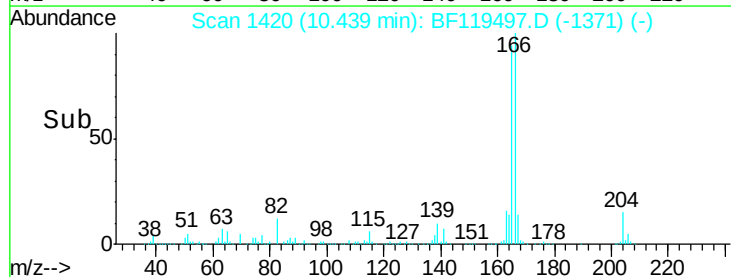
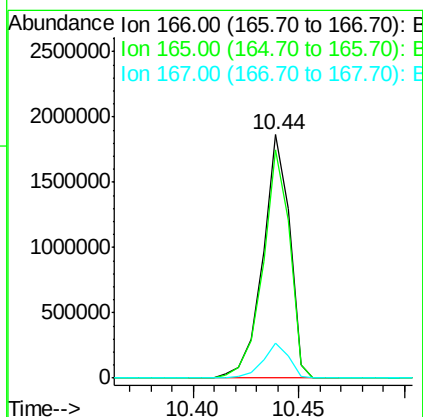
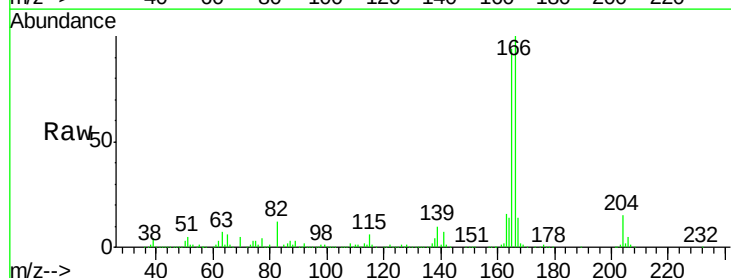
Manual Integrations
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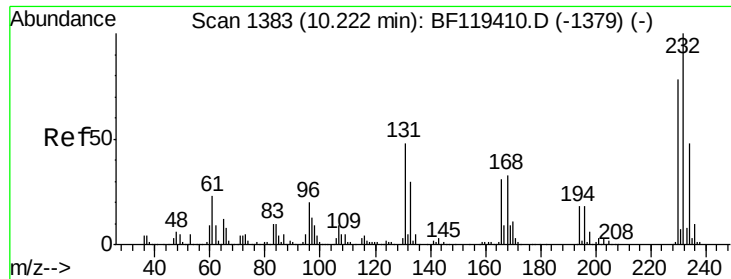
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#58
Fluorene
Concen: 40.657 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1649305		
165	93.9	73.1		109.7	
167	14.1	11.0		16.6	





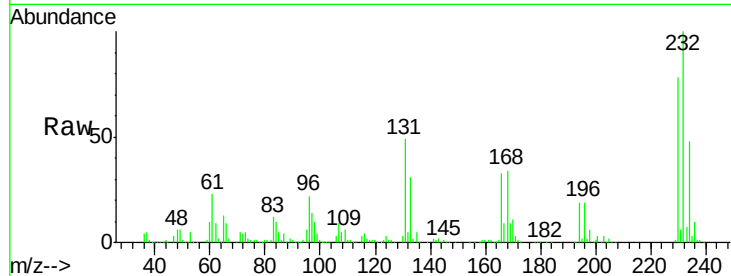
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.849 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.9	36.3	54.5
130	2.3	1.8	2.6
166	32.0	24.9	37.3

Manual Integrations
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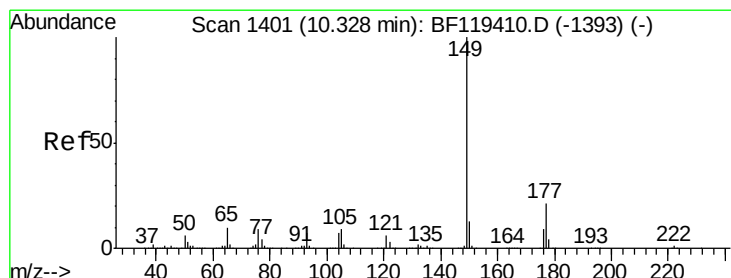
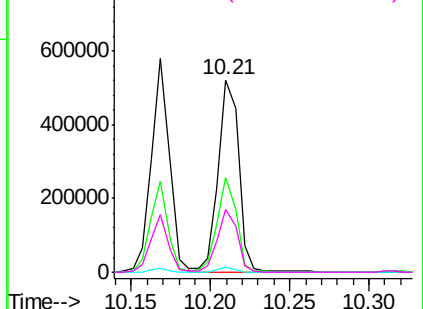
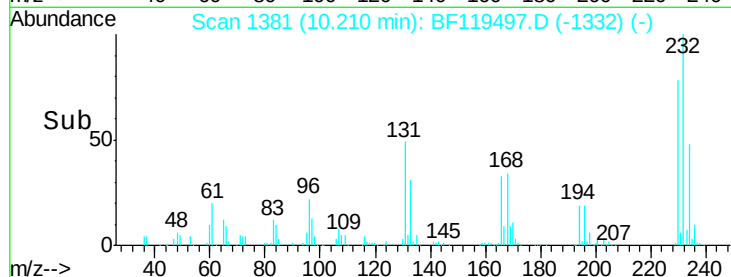
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

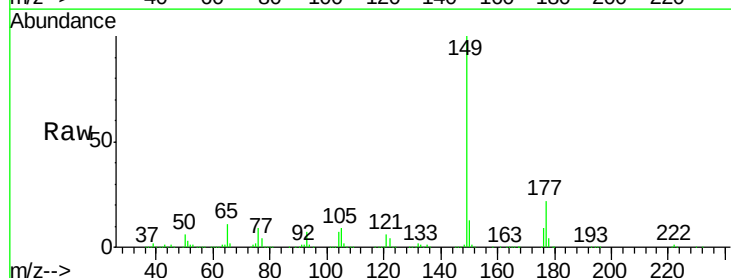
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.886 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.6
150	12.7	10.2	15.4

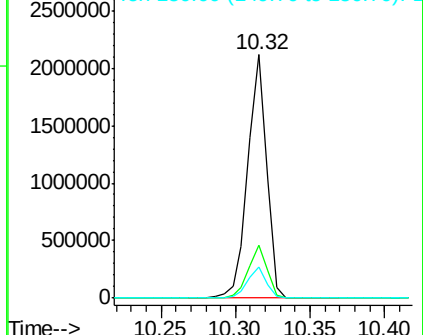
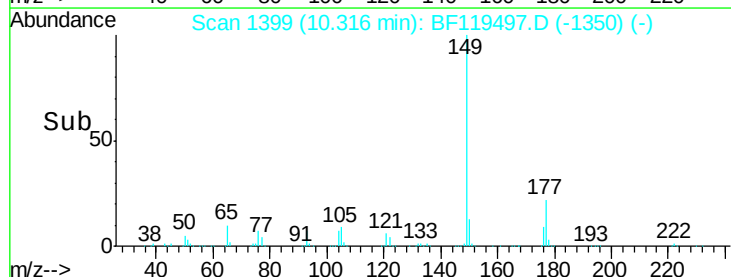


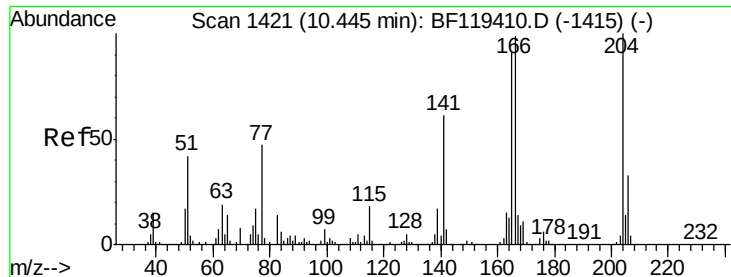
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





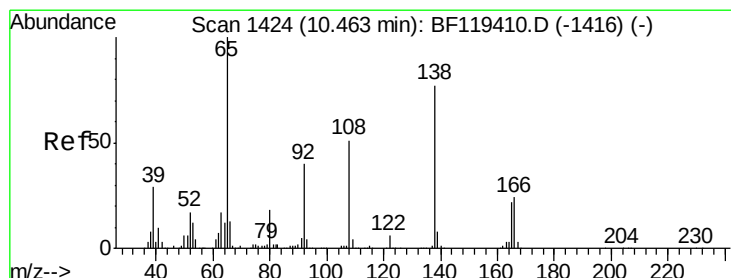
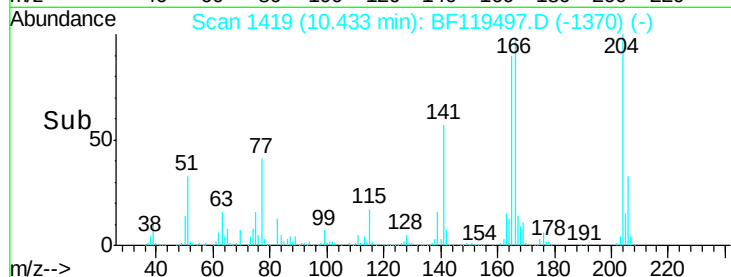
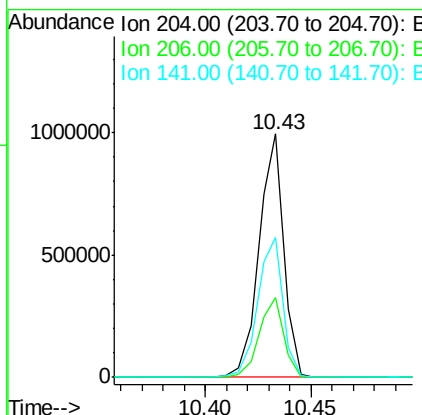
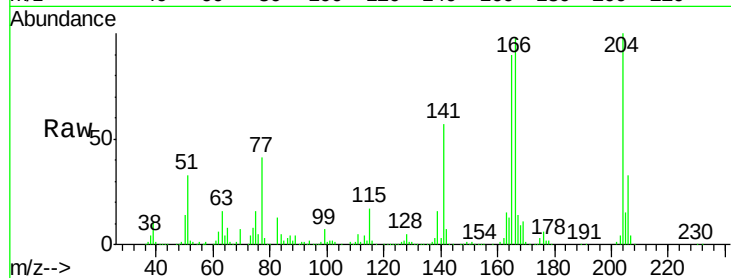
#61
4-Chlorophenyl-phenylether
Concen: 40.807 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.7	40.1
141	57.3	48.8	73.2

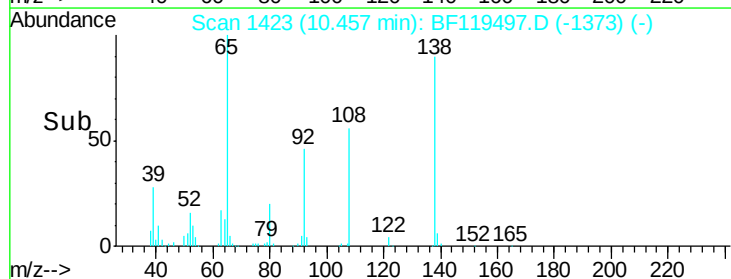
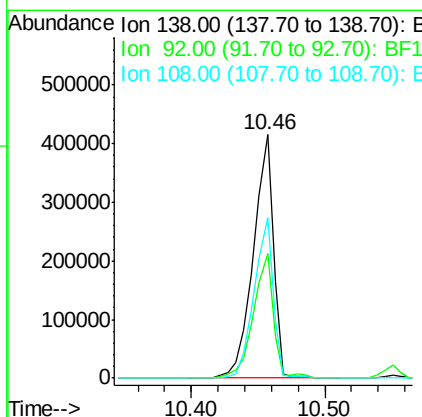
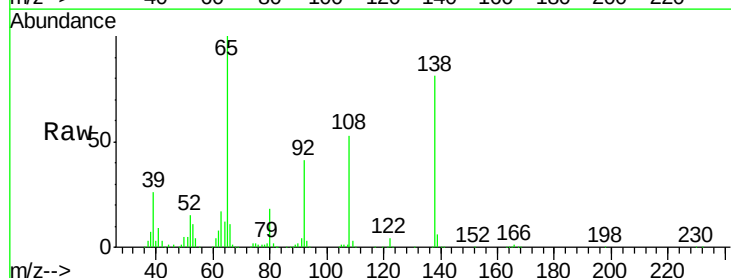
Manual Integrations
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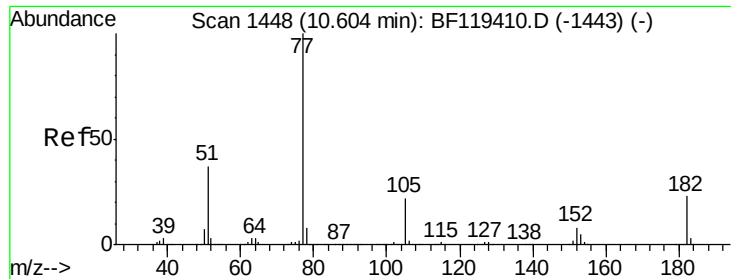
mohammad
3/25/2020 12:29:42 PM



#62
4-Nitroaniline
Concen: 37.720 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	32.0	72.0
108	65.8	46.0	86.0





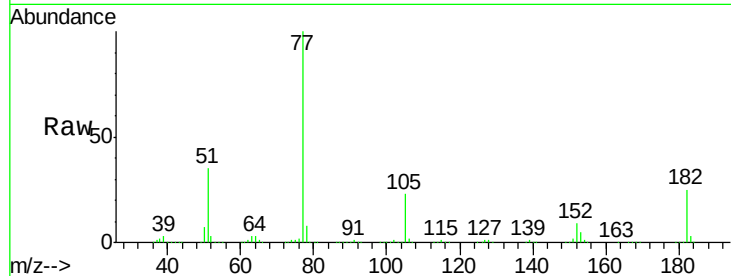
#63
Azobenzene
Concen: 39.747 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

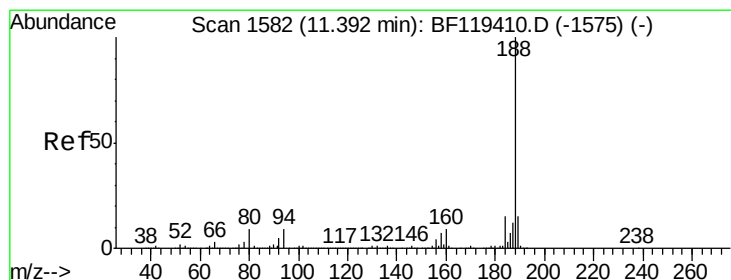
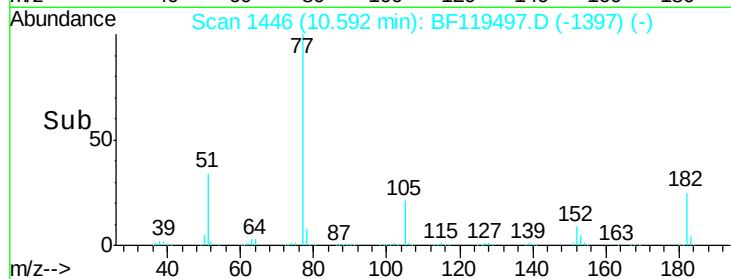
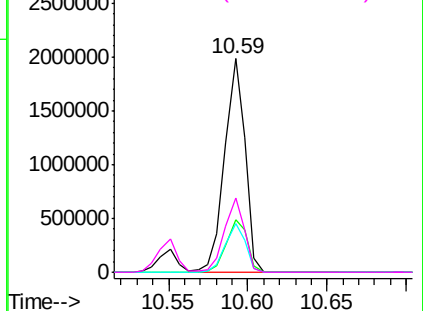
Tot Ion: 77 Resp: 1767702
Ion Ratio Lower Upper
77 100
182 24.7 2.5 42.5
105 23.0 2.5 42.5
51 34.9 17.1 57.1

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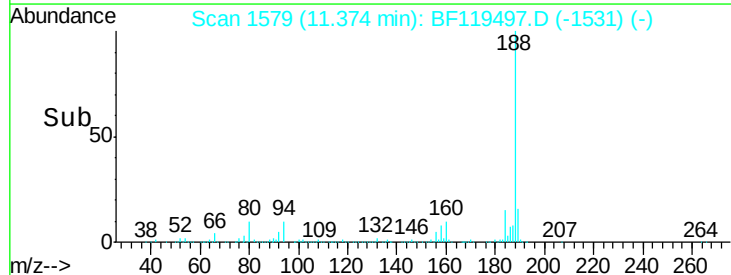
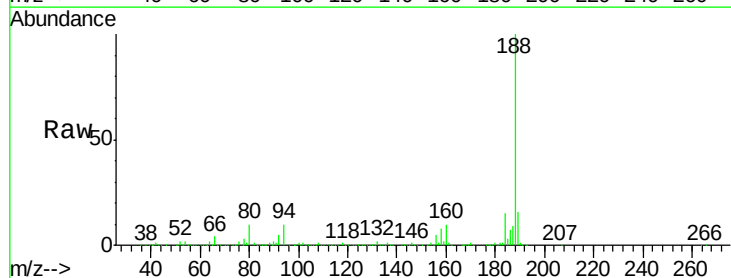
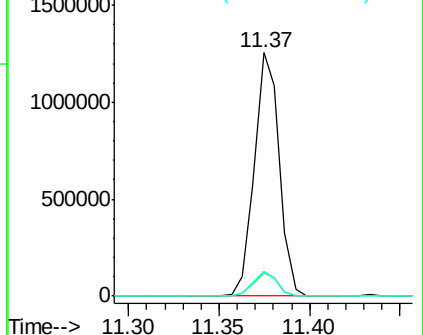
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

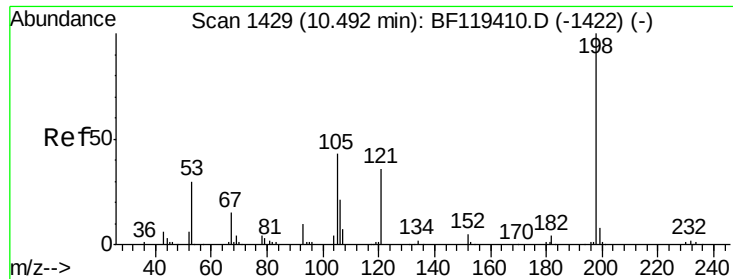


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion: 188 Resp: 1194013
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 10.4 7.5 11.3

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





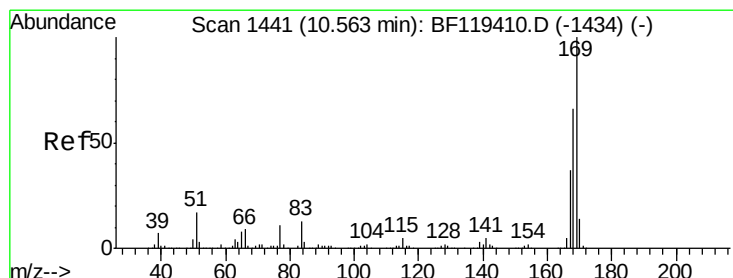
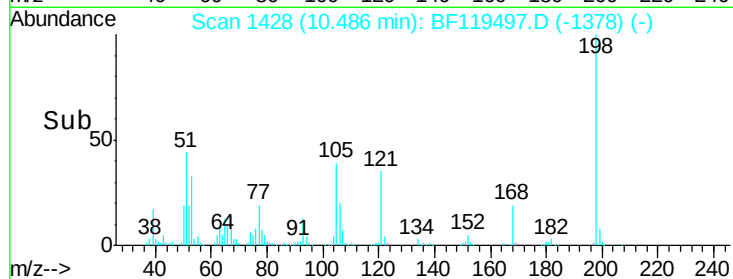
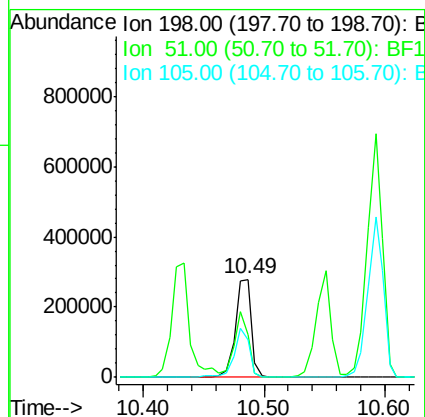
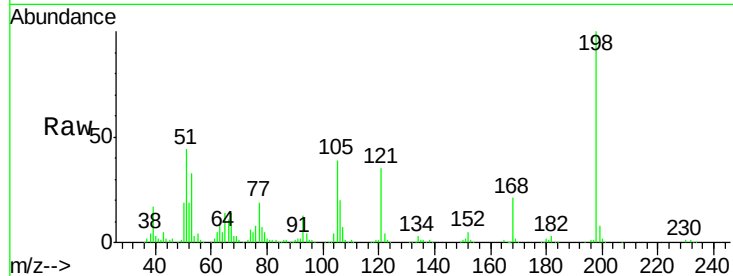
#65
4,6-Dinitro-2-methylphenol
Concen: 51.227 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	256486		
51	44.2	33.1	73.1	
105	38.8	24.1	64.1	

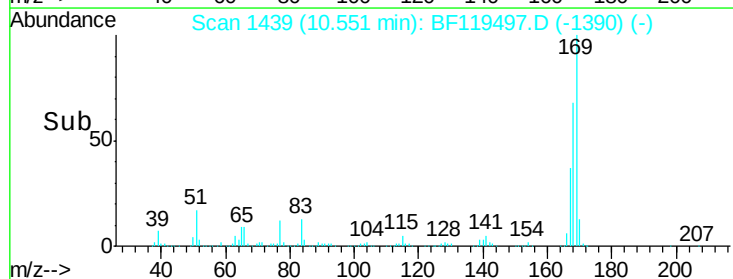
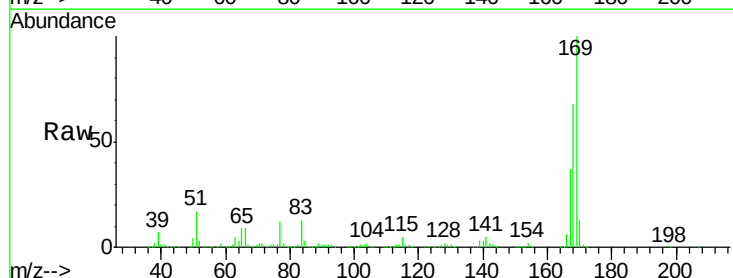
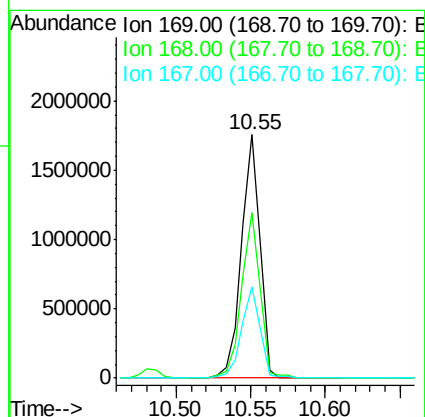
Manual Integrations
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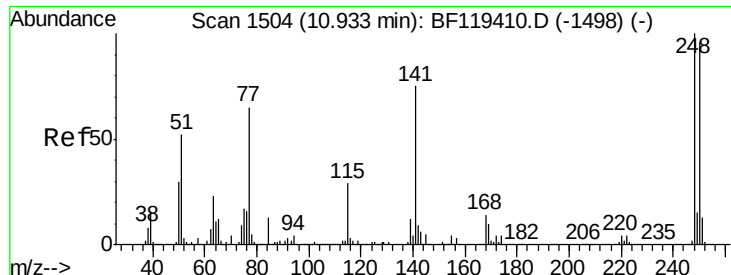
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 38.974 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1527680		
168	67.9	52.7	79.1	
167	37.4	29.3	43.9	





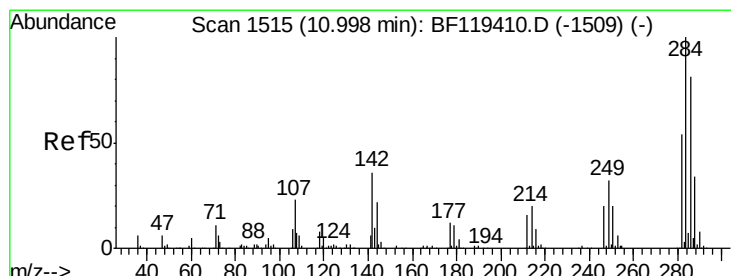
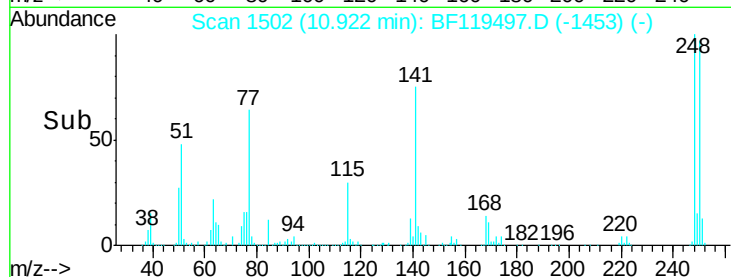
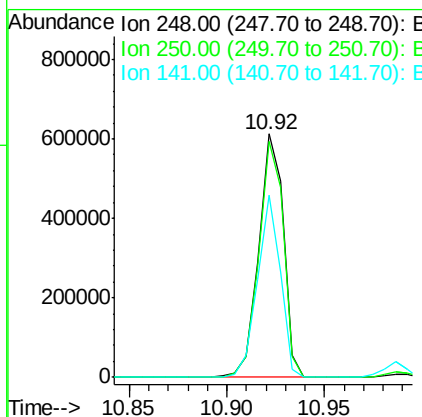
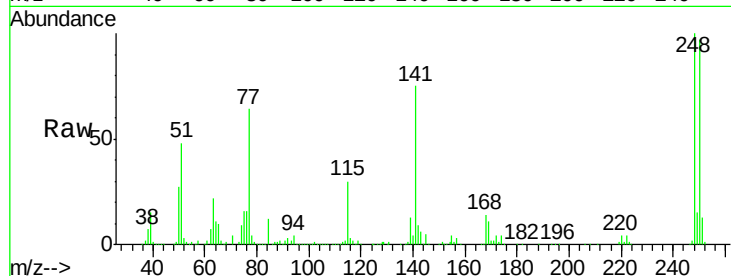
#67
4-Bromophenyl-phenylether
Concen: 39.387 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.0	115.6
141	74.9	59.7	89.5

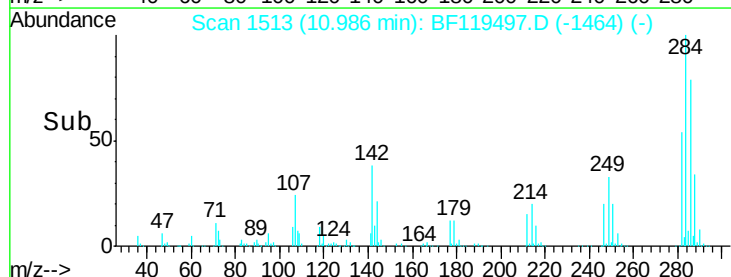
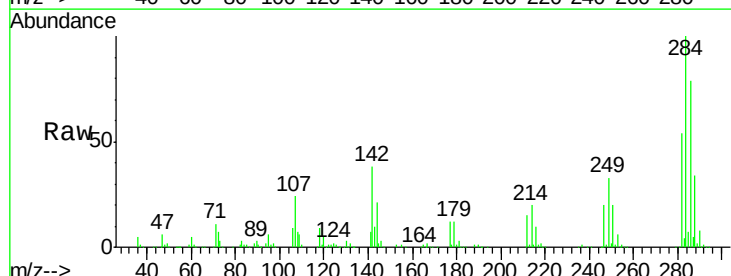
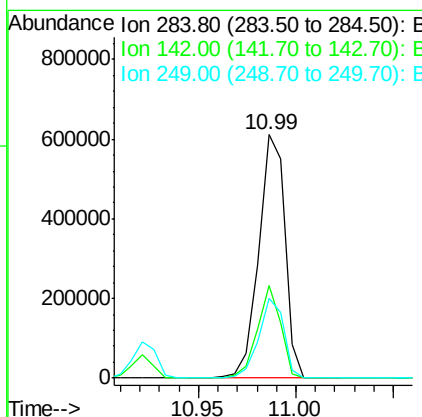
Manual Integrations
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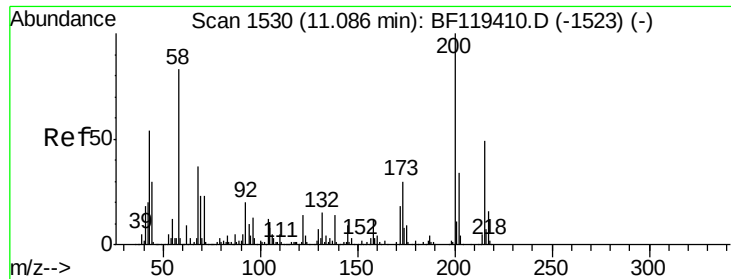
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#68
Hexachlorobenzene
Concen: 40.880 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.0	28.7	43.1
249	32.8	25.4	38.0





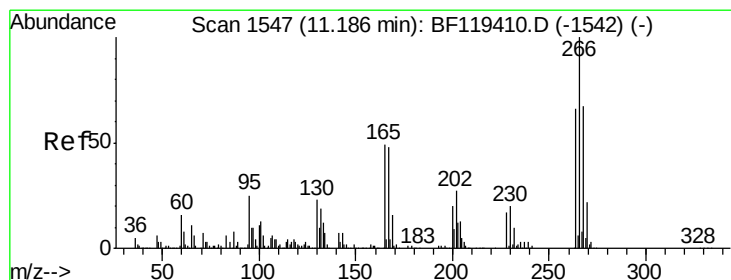
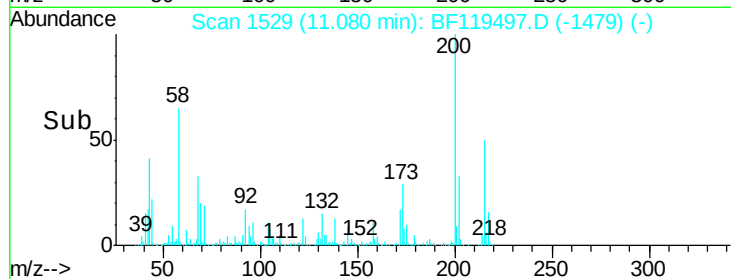
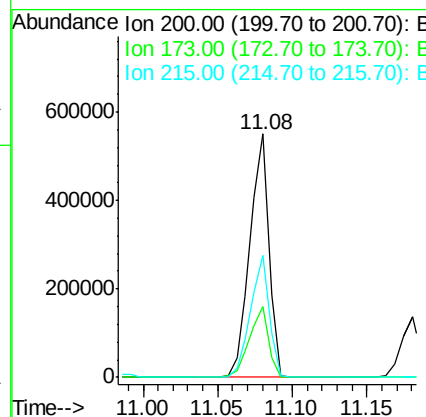
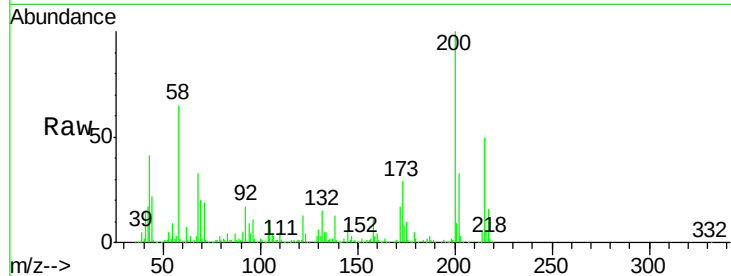
#69
Atrazine
Concen: 45.356 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.9	9.9	49.9
215	50.3	29.4	69.4

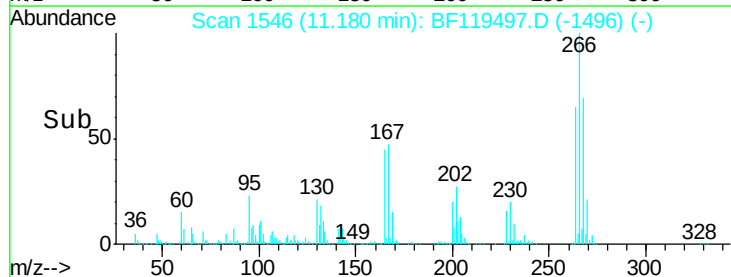
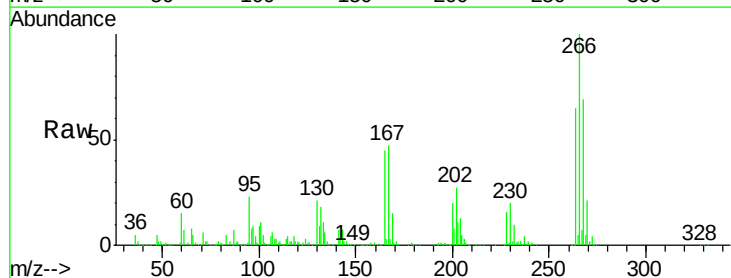
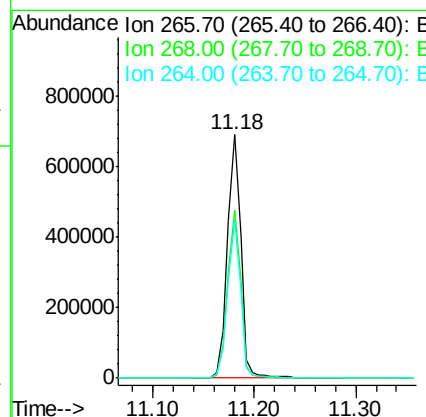
Manual Integrations
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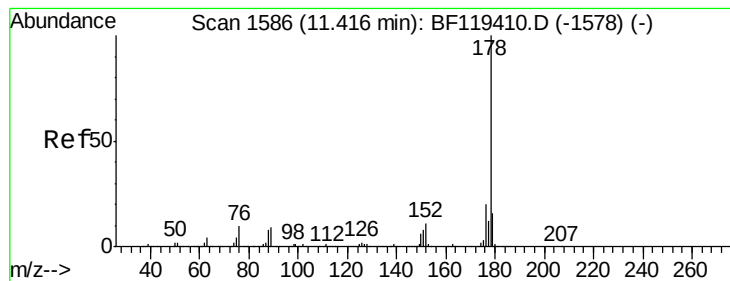
mohammad
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#70
Pentachlorophenol
Concen: 78.172 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	68.8	53.7	80.5
264	64.6	52.5	78.7





#71

Phenanthrene

Concen: 39.040 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

Tot Ion:178 Resp: 2417082

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

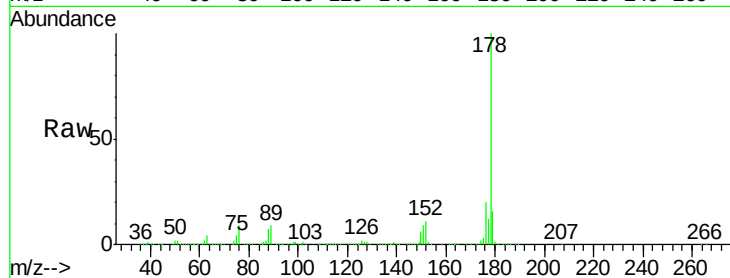
179 16.3 12.9 19.3

Manual Integrations

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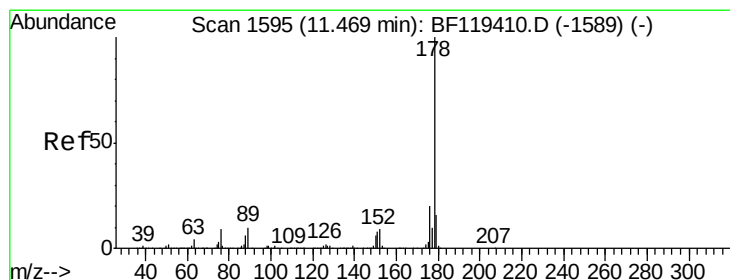
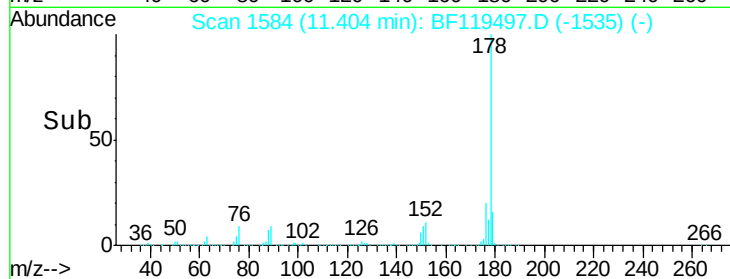
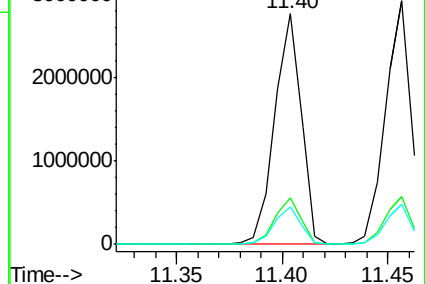
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.320 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Tgt Ion:178 Resp: 2474189

Ion Ratio Lower Upper

178 100

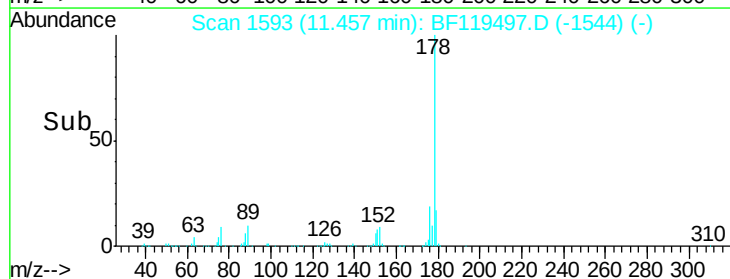
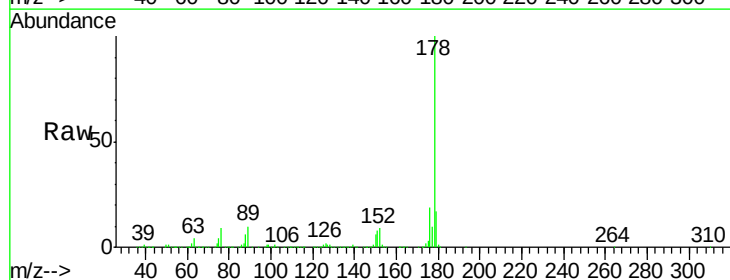
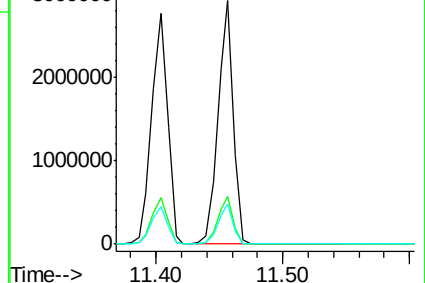
176 19.4 15.6 23.4

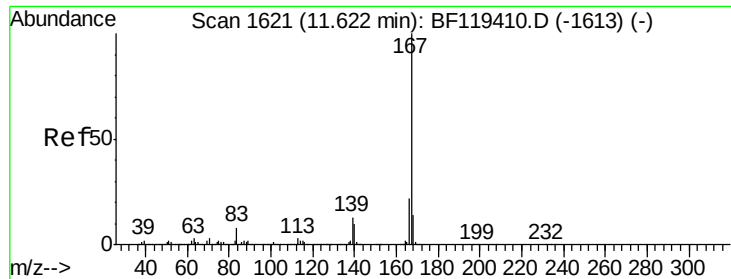
179 16.6 13.1 19.7

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





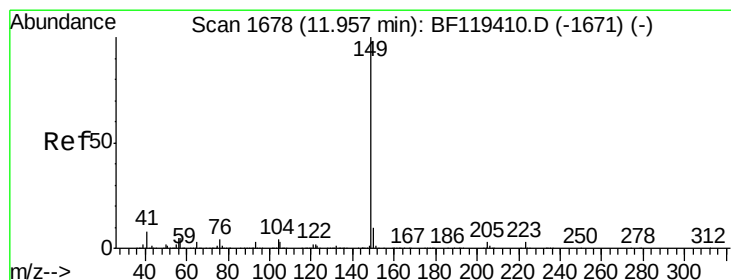
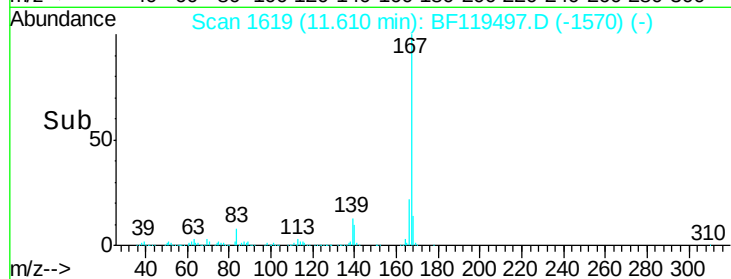
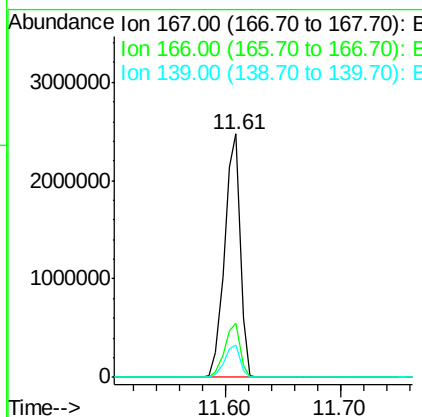
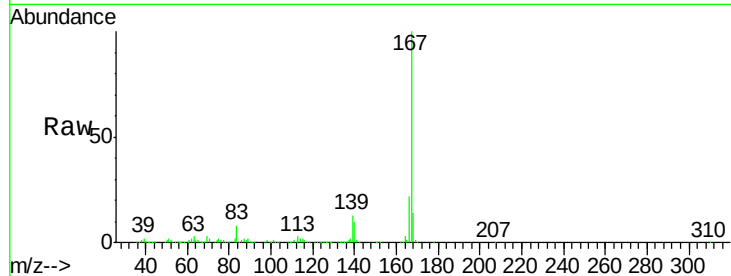
#73
 Carbazole
 Concen: 37.276 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.6
139	13.2	10.2	15.4

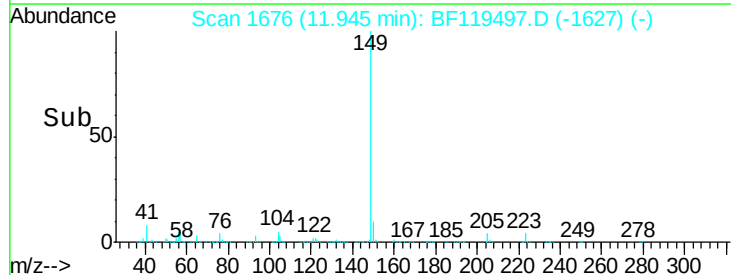
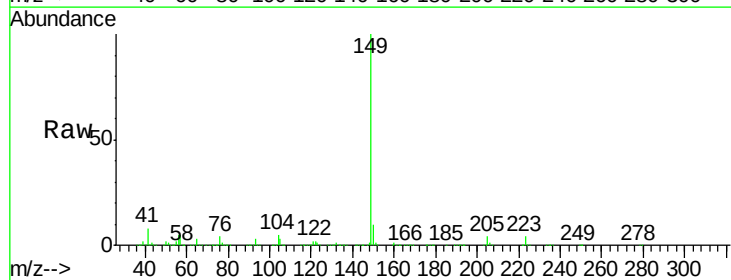
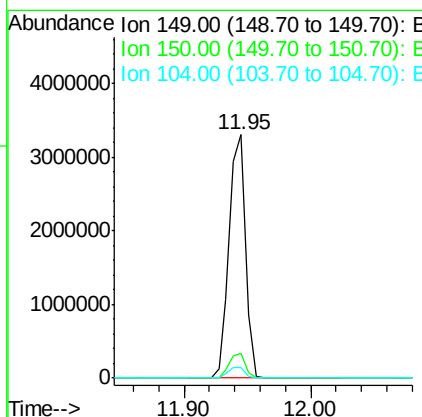
Manual Integrations
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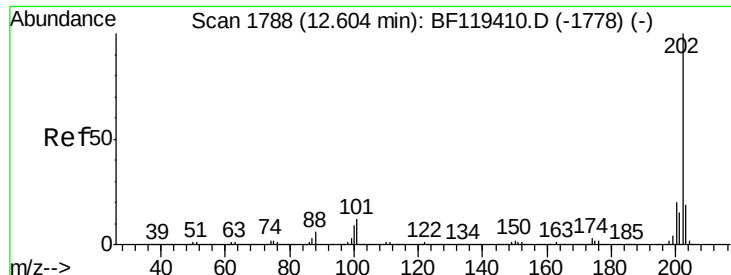
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#74
 Di-n-butylphthalate
 Concen: 44.220 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	4.6	3.5	5.3





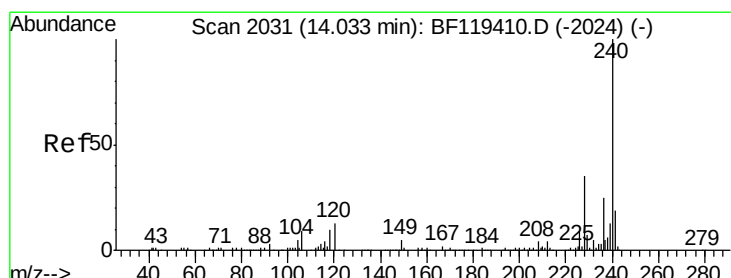
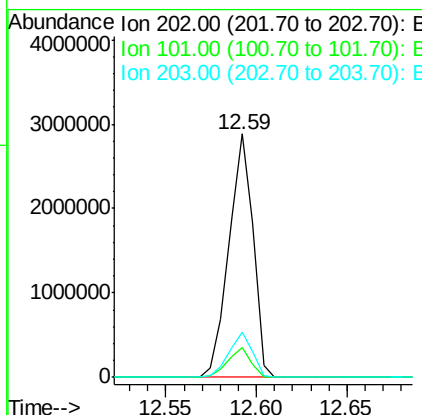
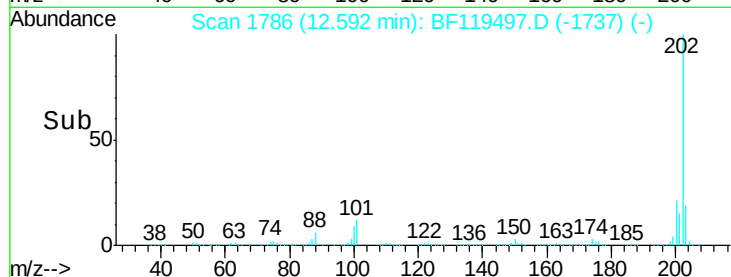
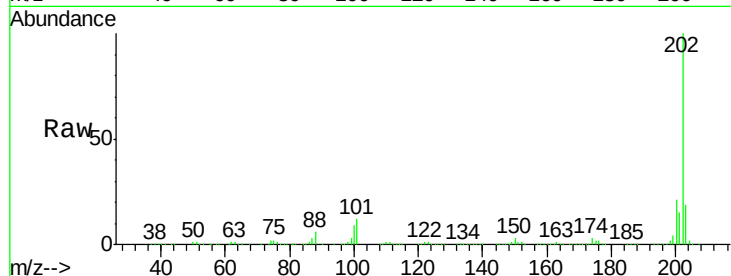
#75
Fluoranthene
Concen: 39.913 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.4
203	18.5	0.0	38.5

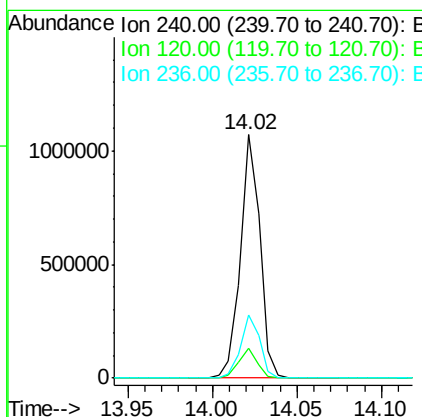
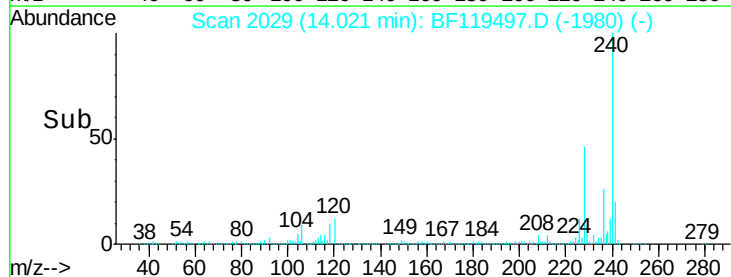
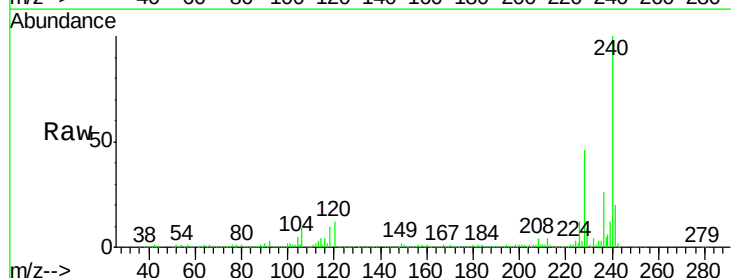
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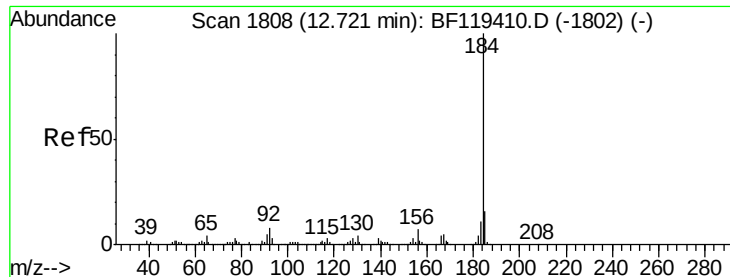
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	10.2	15.4
236	25.8	20.4	30.6





#77

Benzidine

Concen: 37.829 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

Tot Ion:184 Resp: 1375839

Ion Ratio Lower Upper

184 100

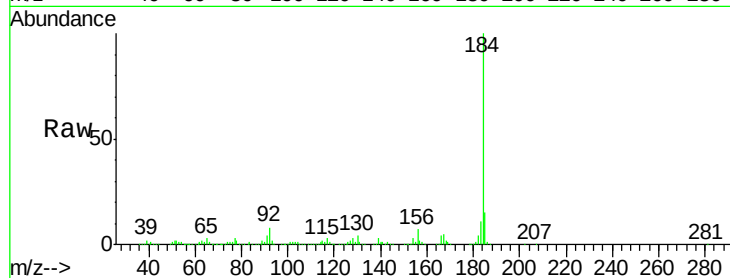
185 15.1 12.9 19.3

183 10.6 9.0 13.4

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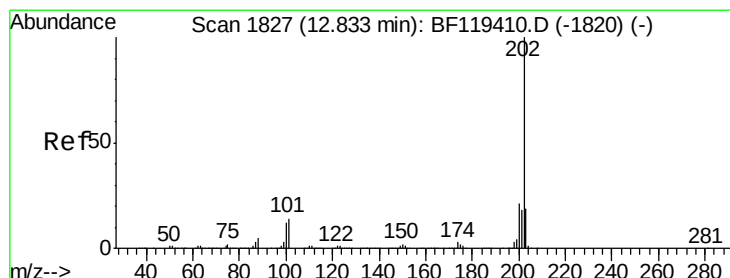
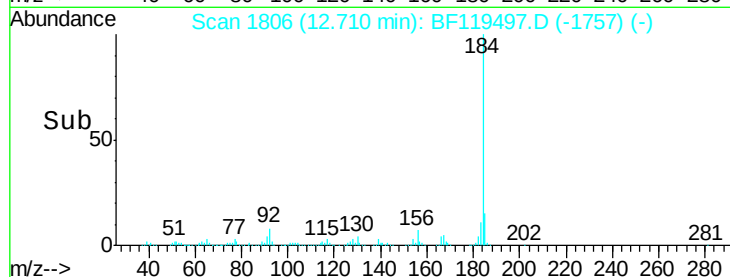
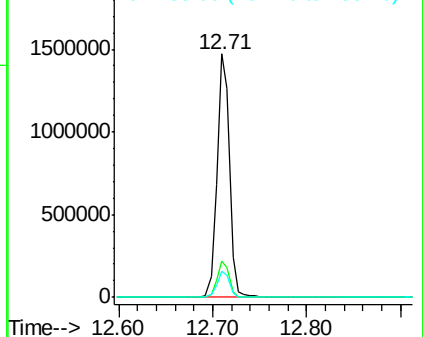
3/25/2020 12:29:42 PM



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: 38.121 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

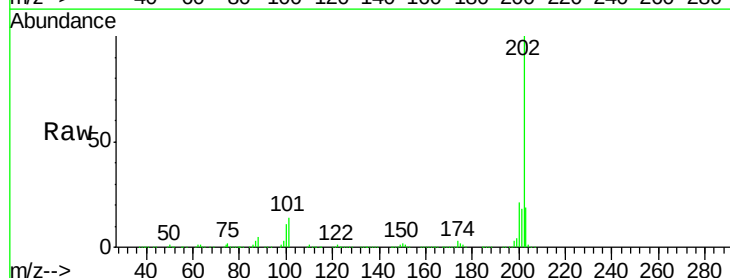
Tgt Ion:202 Resp: 2688670

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

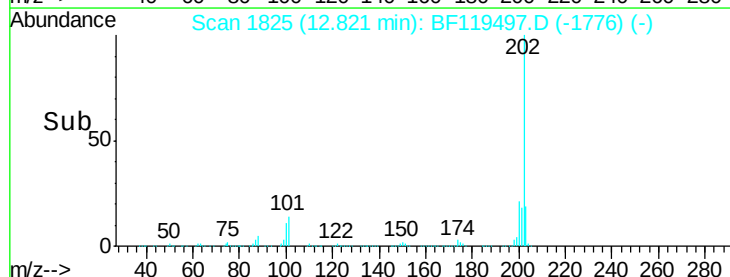
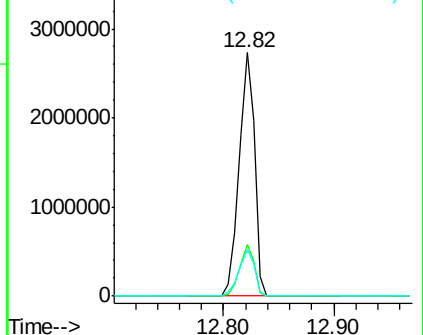
203 18.9 14.8 22.2

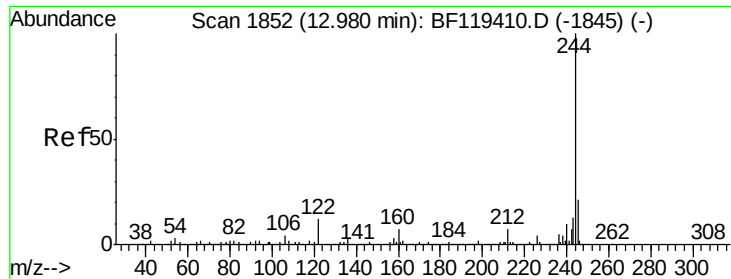


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





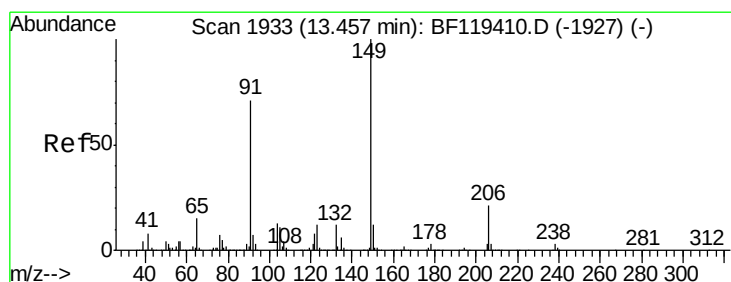
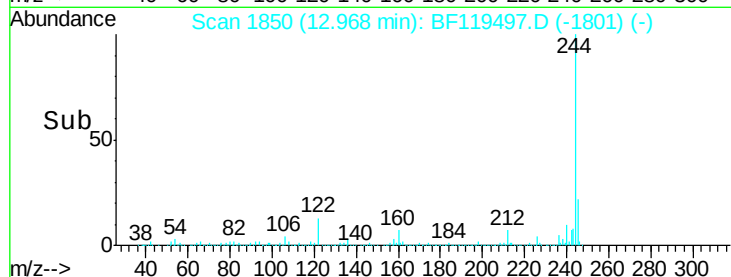
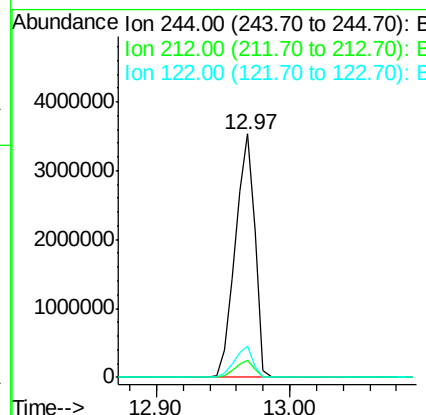
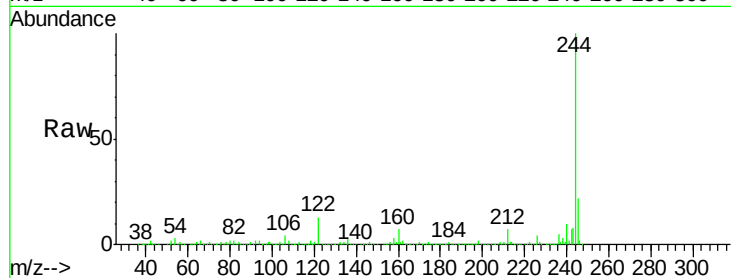
#79
 Terphenyl-d14
 Concen: 83.407 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	12.9	9.8	14.8

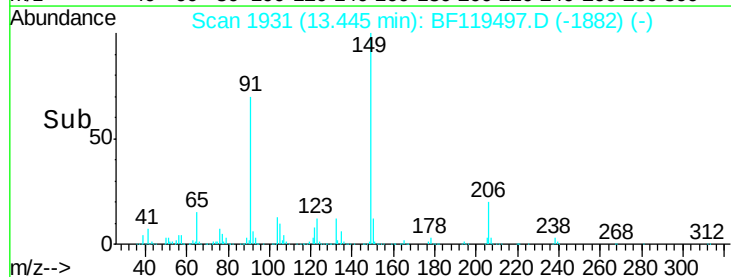
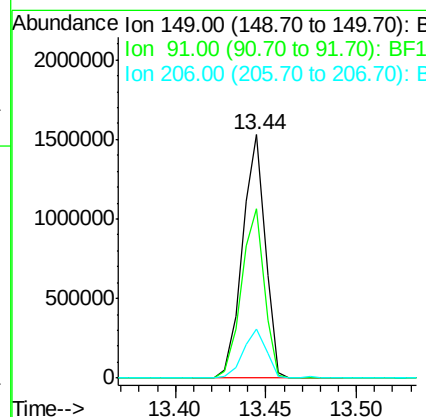
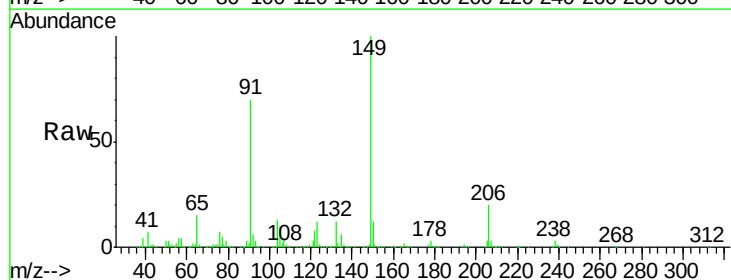
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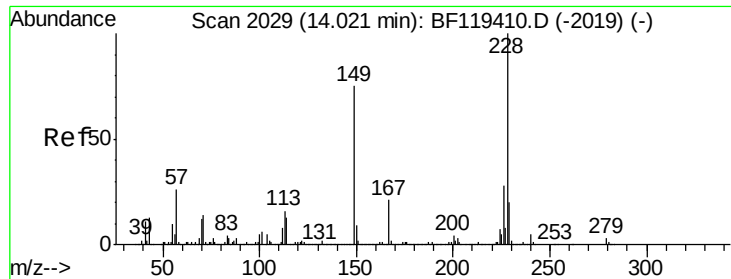
mohammad
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#80
 Butylbenzylphthalate
 Concen: 46.717 ng
 RT: 13.44 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.6	57.0	85.6
206	20.0	16.4	24.6





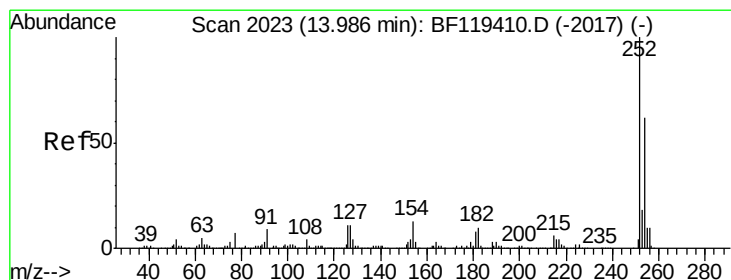
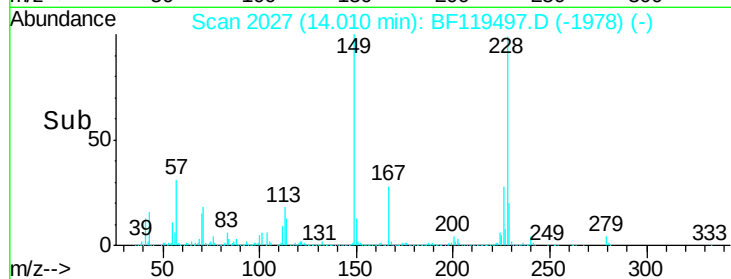
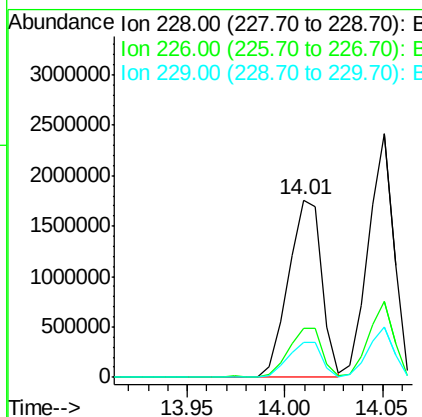
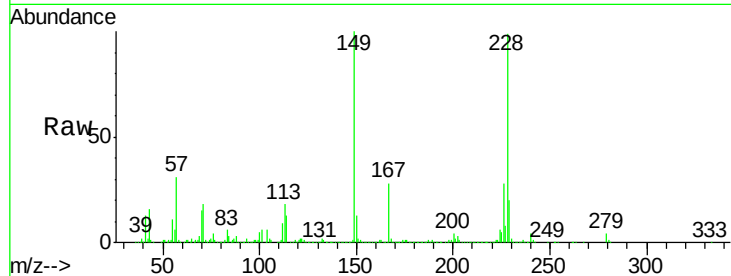
#81
Benzo(a)anthracene
Concen: 37.117 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion:228 Resp: 2074269
Ion Ratio Lower Upper
228 100
226 27.8 22.3 33.5
229 20.0 16.3 24.5

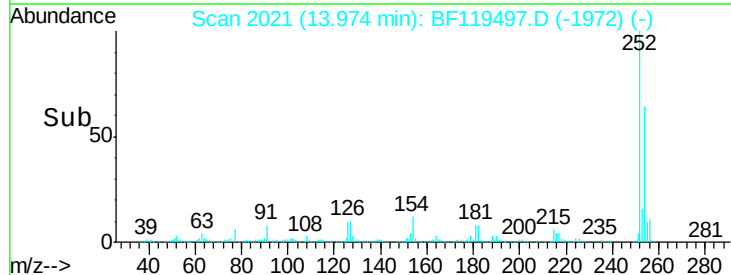
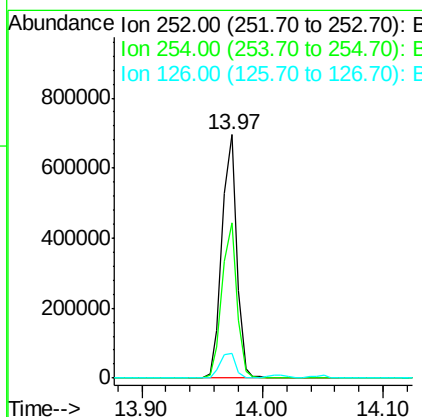
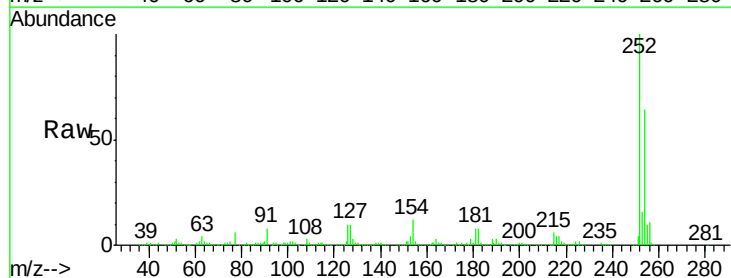
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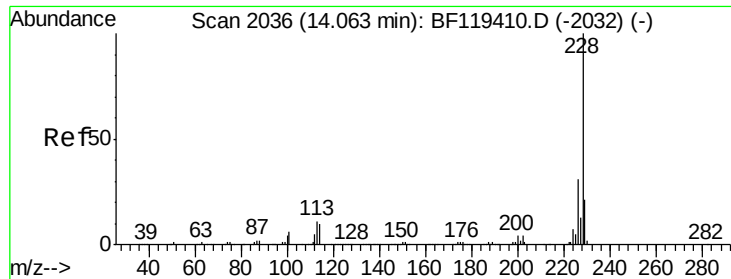
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#82
3,3'-Dichlorobenzidine
Concen: 26.752 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion:252 Resp: 589479
Ion Ratio Lower Upper
252 100
254 63.5 49.8 74.8
126 10.2 8.9 13.3





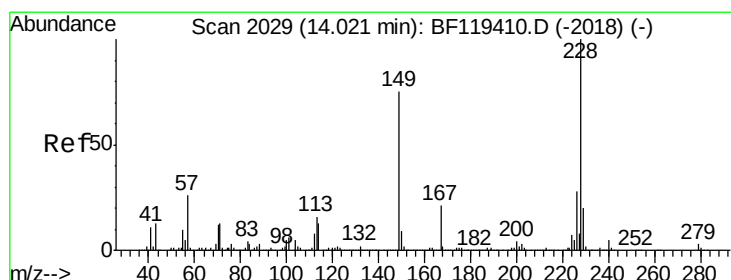
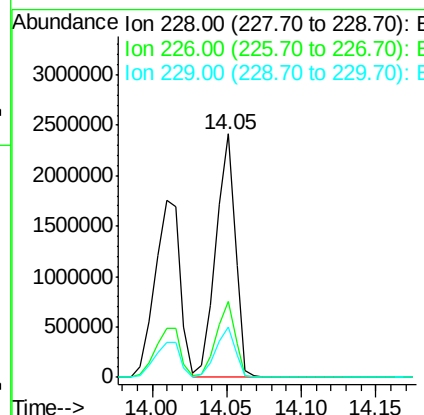
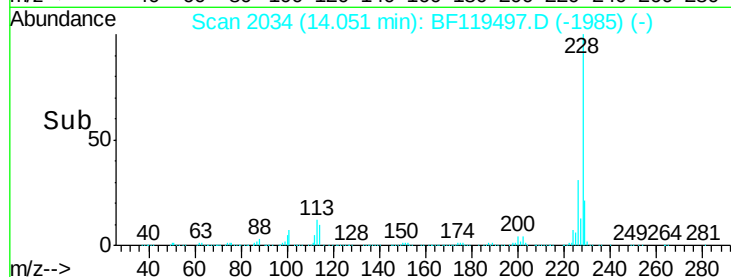
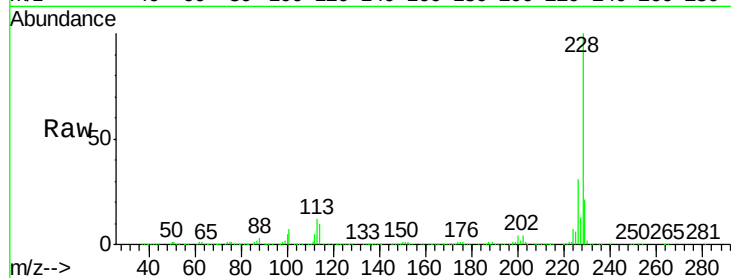
#83
 Chrysene
 Concen: 37.705 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Tot Ion:228 Resp: 2174660
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.8 37.2
 229 20.6 16.6 25.0

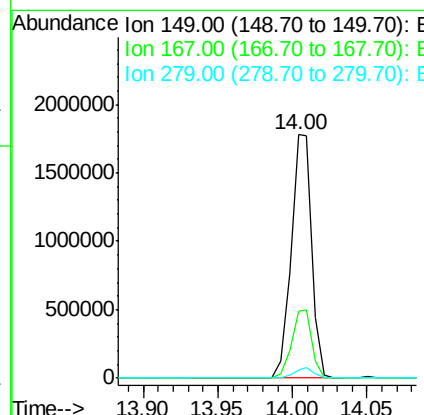
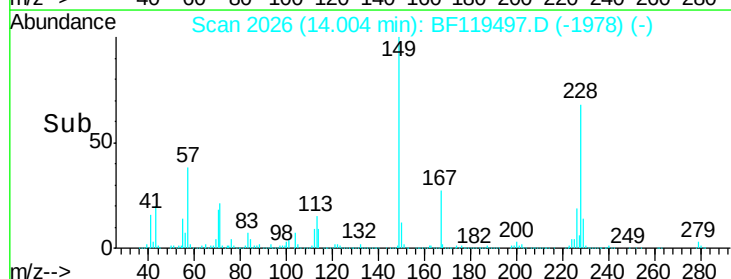
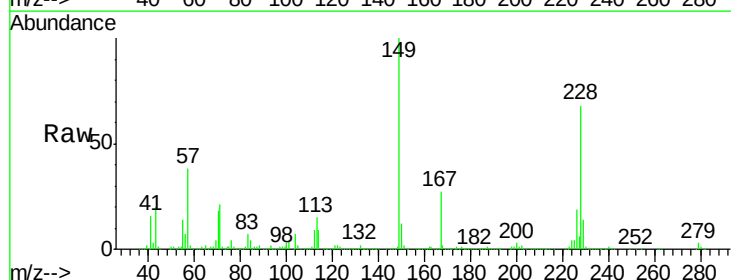
Manual Integrations
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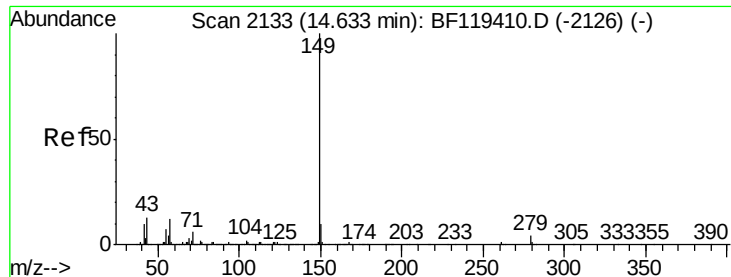
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.045 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Tgt Ion:149 Resp: 1735809
 Ion Ratio Lower Upper
 149 100
 167 27.4 22.0 33.0
 279 3.4 3.2 4.8





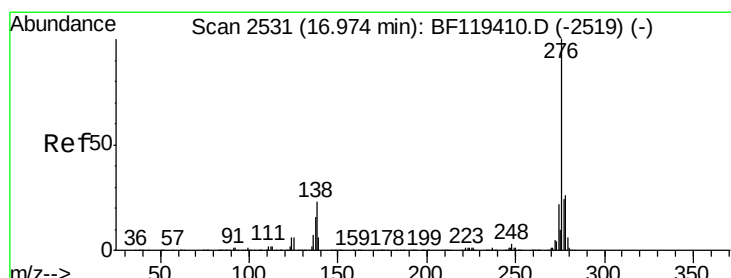
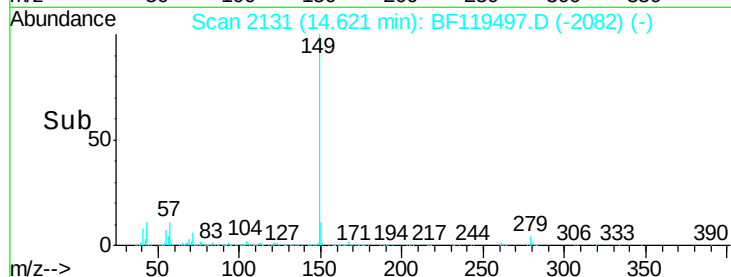
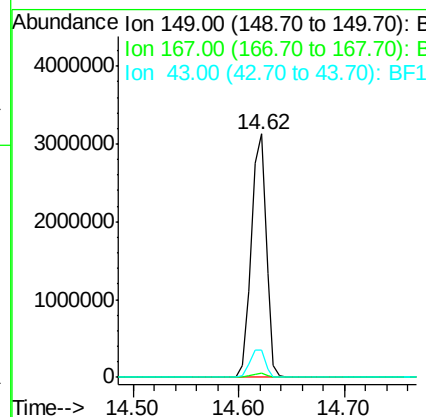
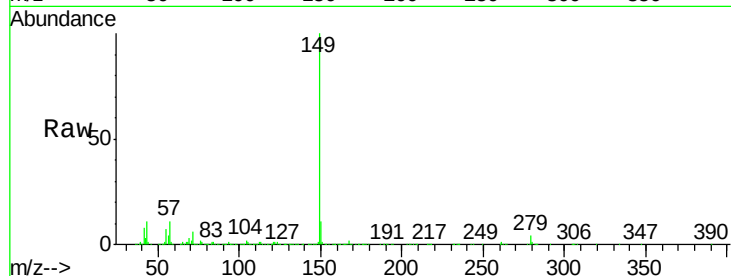
#85
Di-n-octyl phthalate
Concen: 51.293 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	11.8	10.1	15.1

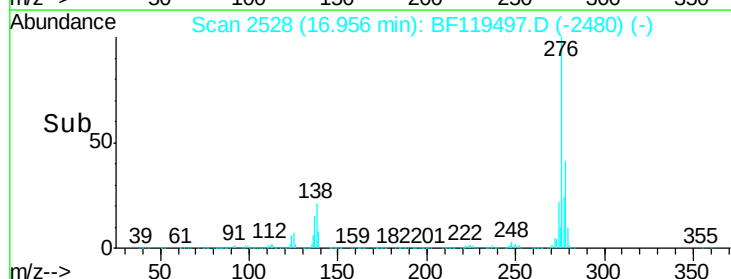
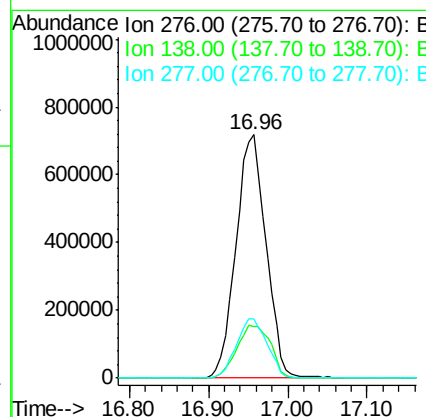
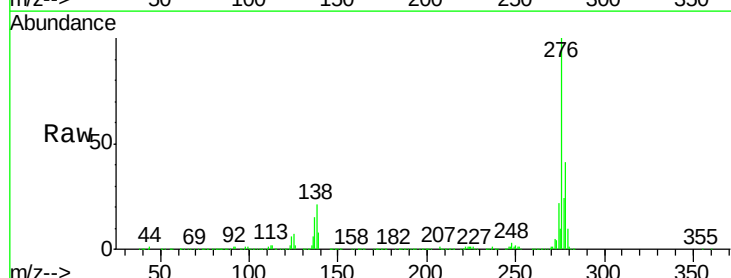
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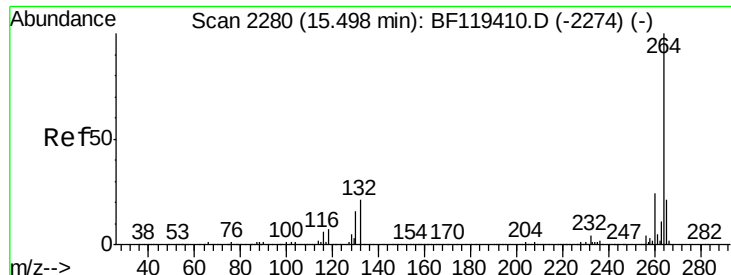
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 34.832 ng
RT: 16.96 min Scan# 2528
Delta R.T. -0.02 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	21.3	31.9
277	25.0	20.2	30.2





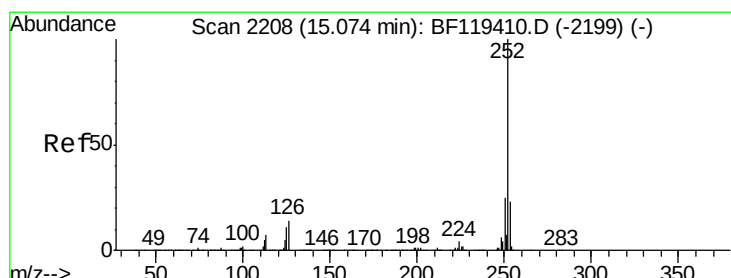
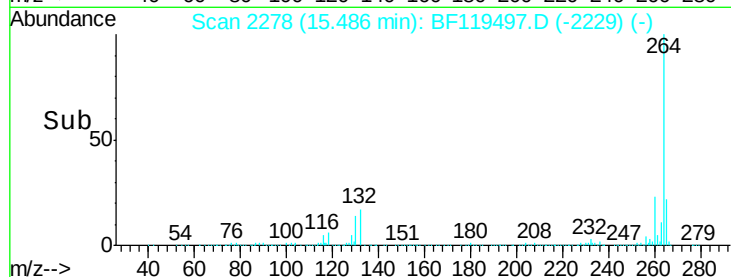
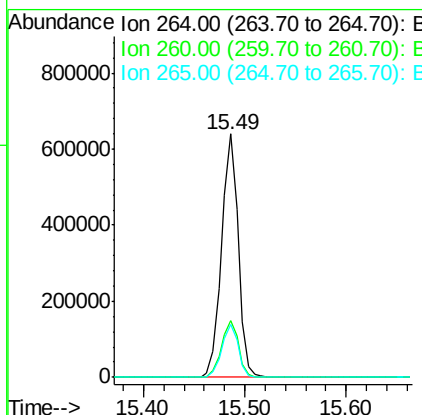
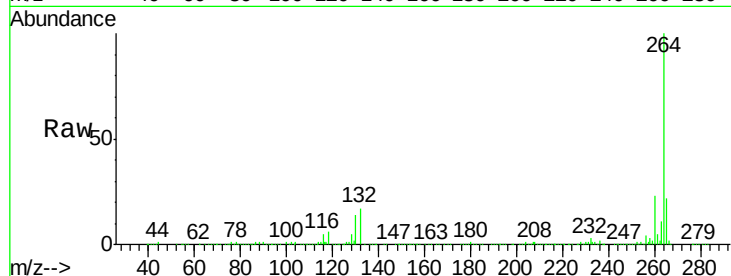
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.6	16.9	25.3

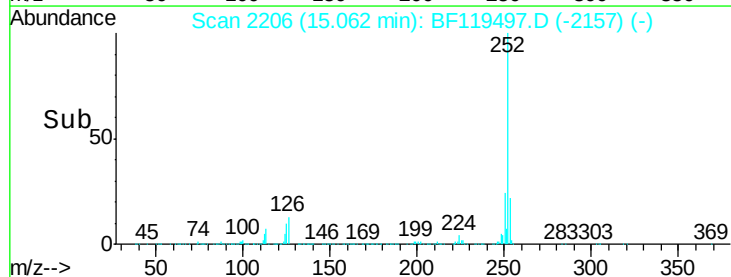
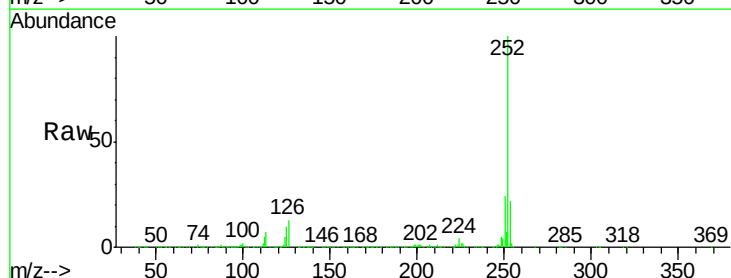
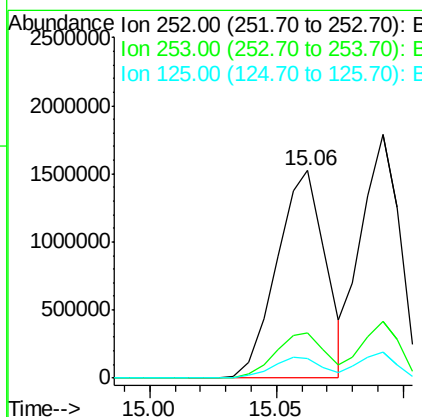
Manual Integrations
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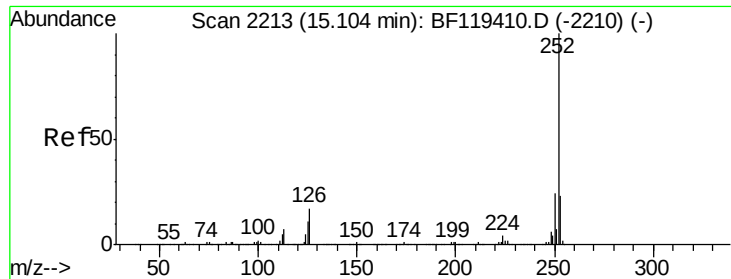
mohammad
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#88
Benzo(b)fluoranthene
Concen: 41.604 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	9.7	8.8	13.2





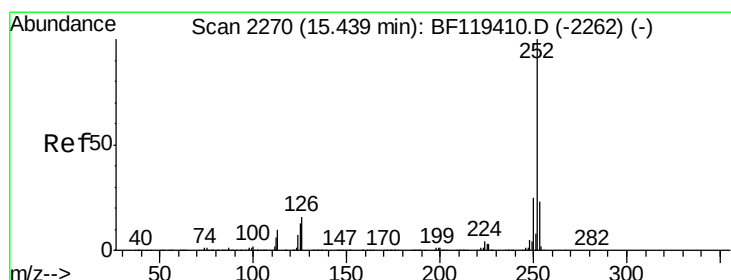
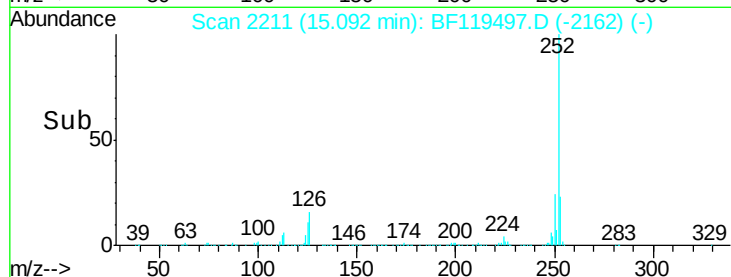
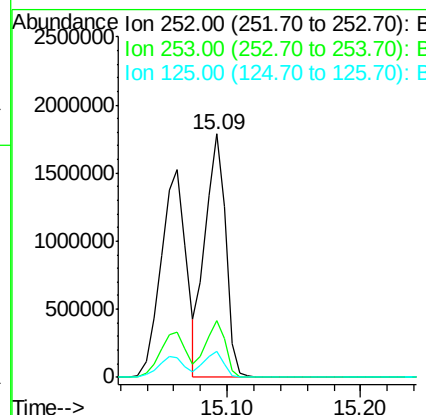
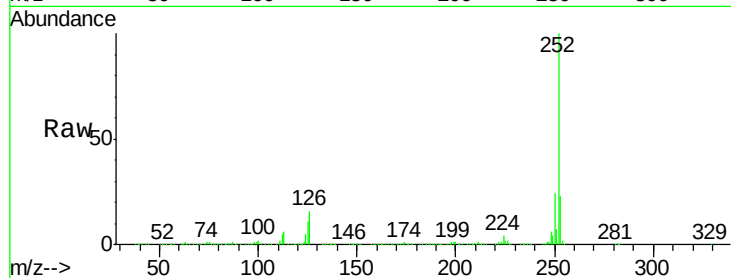
#89
Benzo(k)fluoranthene
Concen: 41.041 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	10.8	9.0	13.4

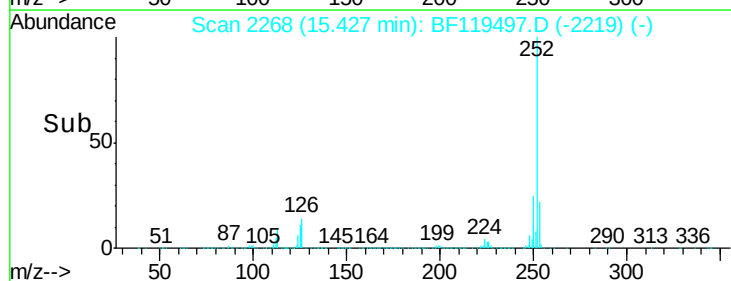
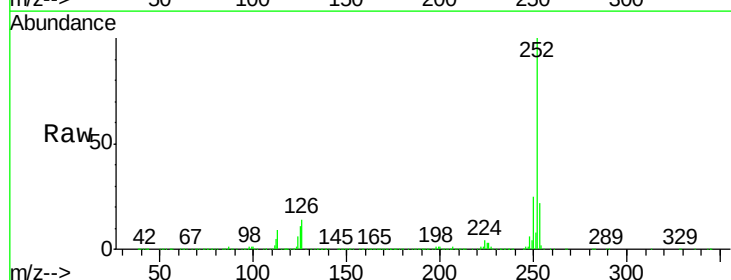
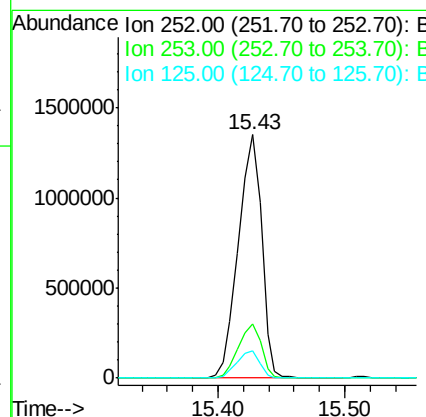
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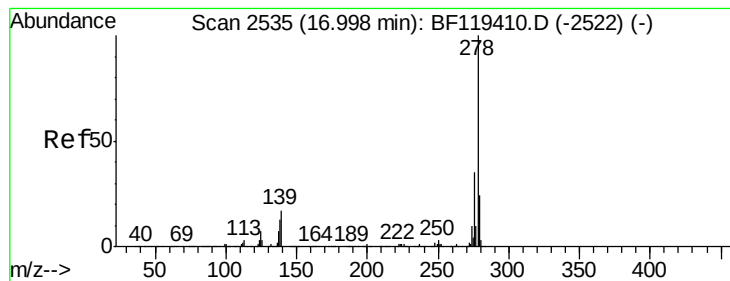
mohammad
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#90
Benzo(a)pyrene
Concen: 38.888 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	11.0	10.2	15.2





#91

Dibenzo(a,h)anthracene

Concen: 40.691 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.02 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

Tot Ion:278 Resp: 1577943

Ion Ratio Lower Upper

278 100

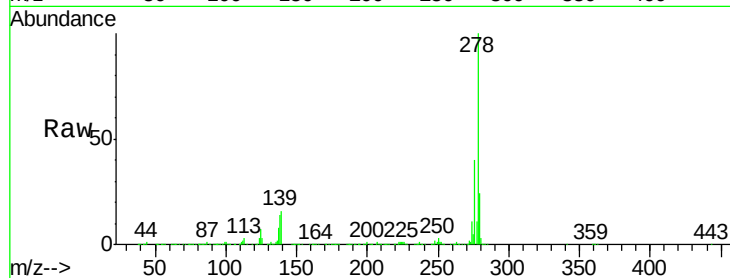
139 16.3 13.7 20.5

279 24.2 19.2 28.8

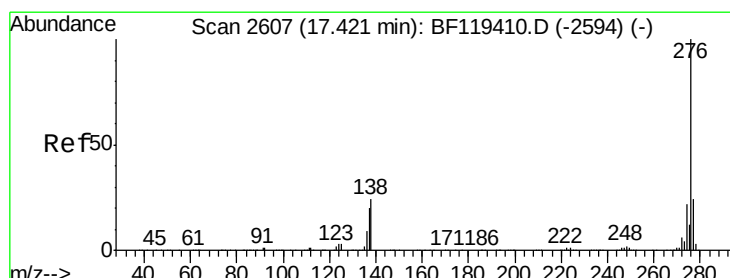
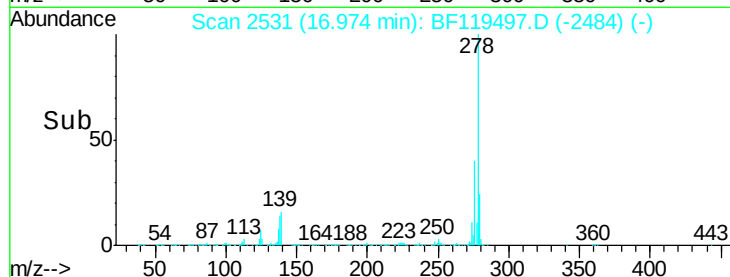
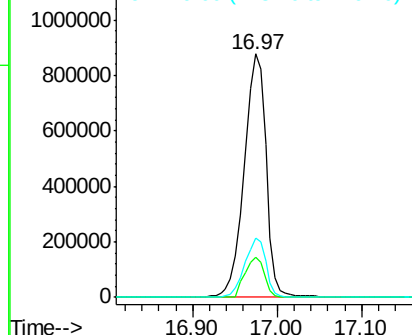
Manual Integrations
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.784 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.02 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

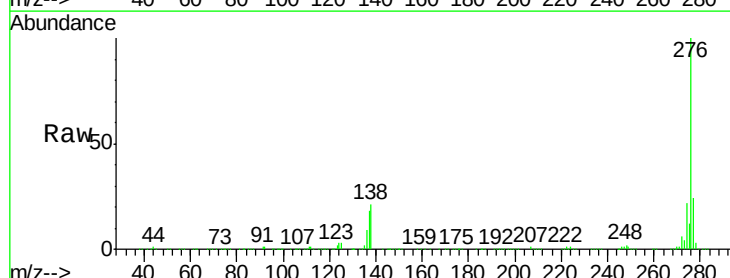
Tgt Ion:276 Resp: 1549948

Ion Ratio Lower Upper

276 100

277 23.8 18.8 28.2

138 21.4 19.1 28.7



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

