

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112720\
 Data File : BF122495.D
 Acq On : 27 Nov 2020 11:06
 Operator : JU/CG
 Sample : PB133227BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB133227BL

Quant Time: Nov 27 11:41:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 14:38:56 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

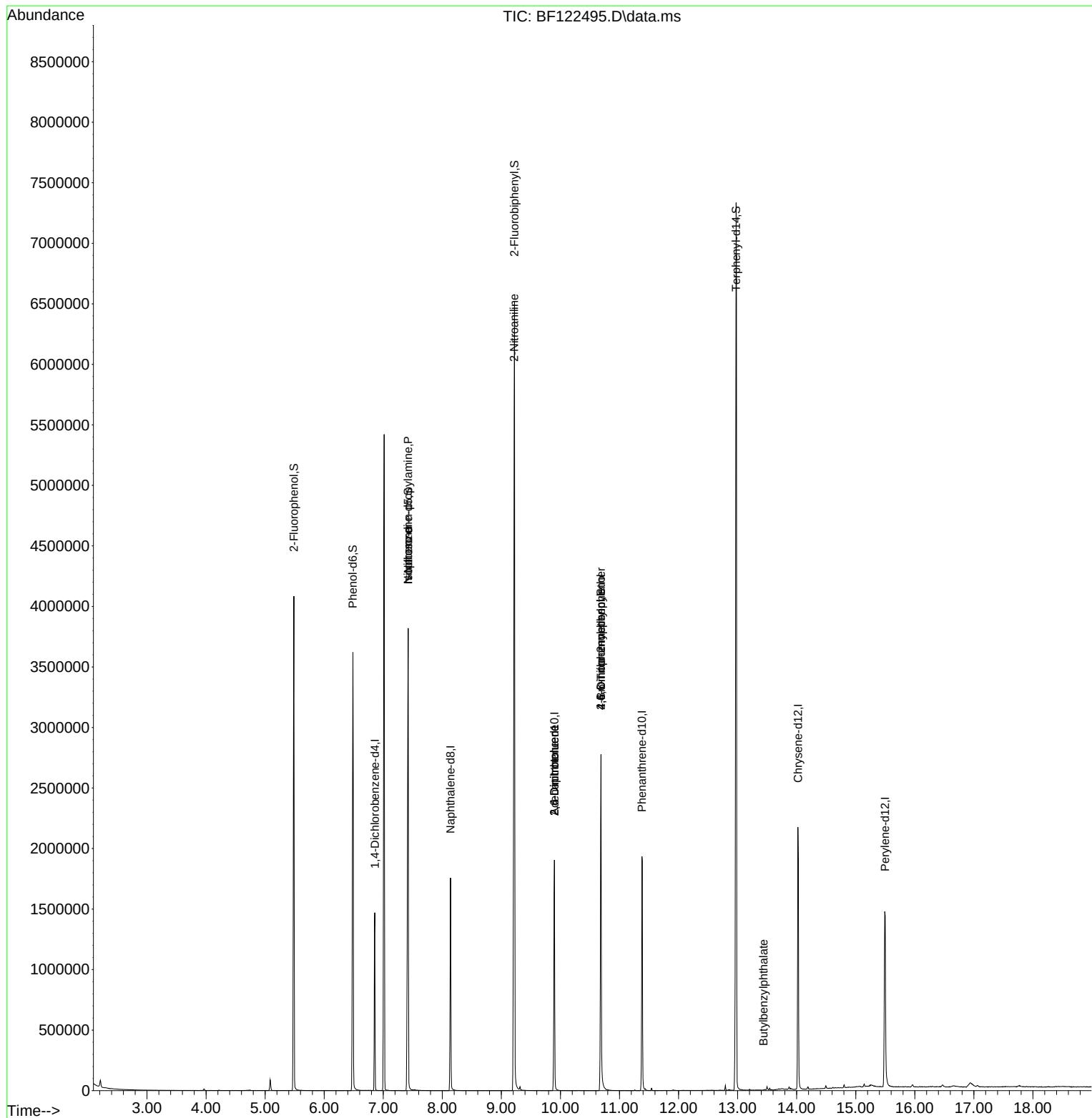
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	218278	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	825024	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	435921	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	811310	20.00	ng	0.00
76) Chrysene-d12	14.021	240	808384	20.00	ng	-0.01
86) Perylene-d12	15.498	264	809088	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1114798	78.42	ng	0.00
7) Phenol-d6	6.486	99	1404927	75.55	ng	-0.01
23) Nitrobenzene-d5	7.422	82	1461214	108.43	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	399459	85.38	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2599937	93.19	ng	0.00
79) Terphenyl-d14	12.974	244	3270227	85.70	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.486	77	2006	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.422	70	199885	17.99	ng	# 73
25) Isophorone	7.422	82	1443800	48.06	ng	# 67
48) 2-Nitroaniline	9.216	65	4174	5.62	ng	# 1
51) 2,6-Dinitrotoluene	9.898	165	56486	11.35	ng	# 20
57) 2,4-Dinitrotoluene	9.898	165	56486	10.58	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.686	198	718	6.40	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	26925	2.82	ng	# 1
80) Butylbenzylphthalate	13.439	149	130	3.29	ng	# 21

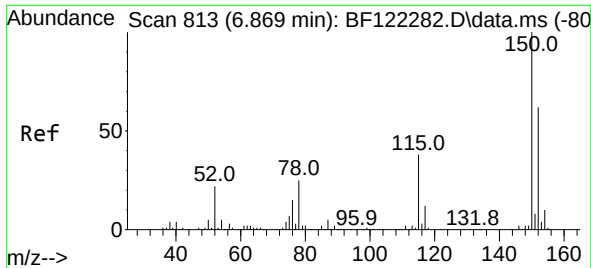
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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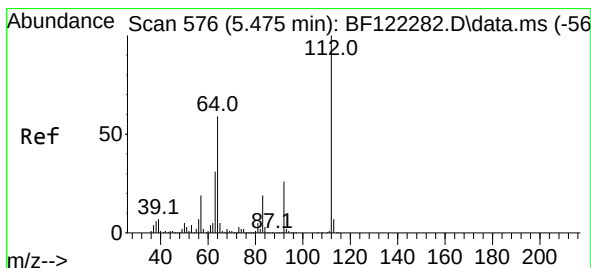
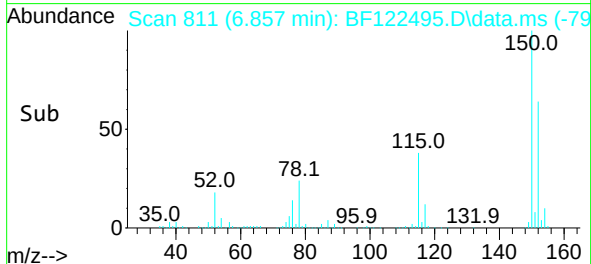
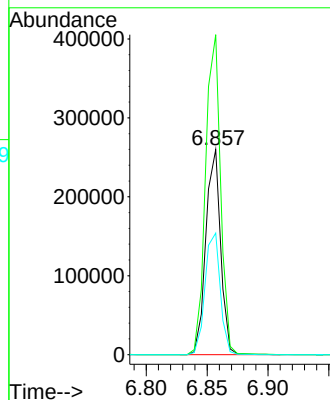
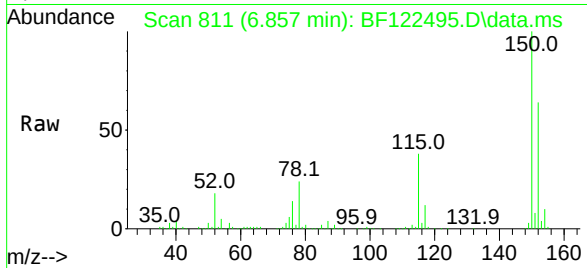




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122495.D
Acq: 27 Nov 2020 11:06

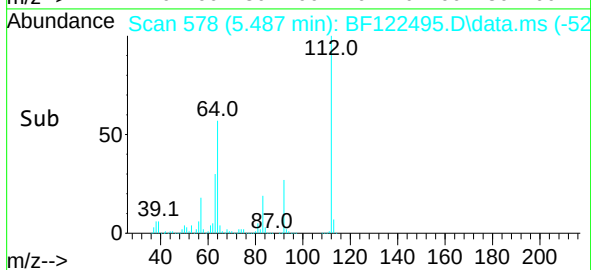
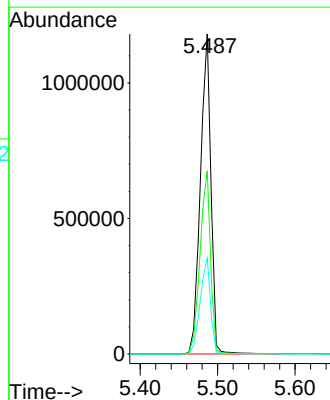
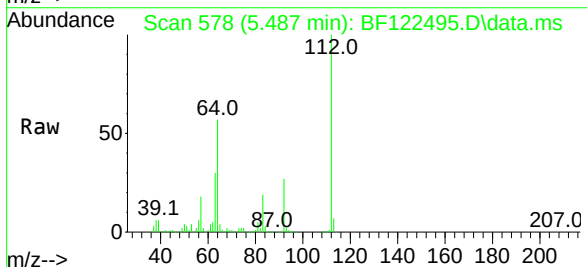
Instrument :
BNA_F
ClientSampleId :
PB133227BL

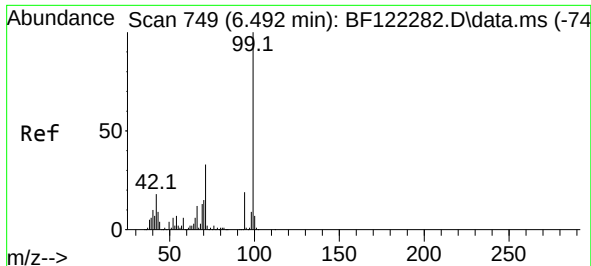
Tgt Ion:152 Resp: 218278
Ion Ratio Lower Upper
152 100
150 156.0 125.3 187.9
115 59.3 51.9 77.9



#5
2-Fluorophenol
Concen: 78.42 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF122495.D
Acq: 27 Nov 2020 11:06

Tgt Ion:112 Resp: 1114798
Ion Ratio Lower Upper
112 100
64 57.3 50.4 75.6
63 30.0 25.8 38.6

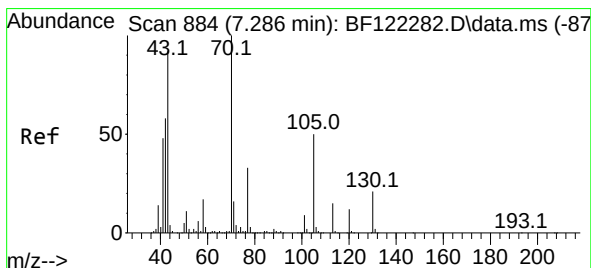
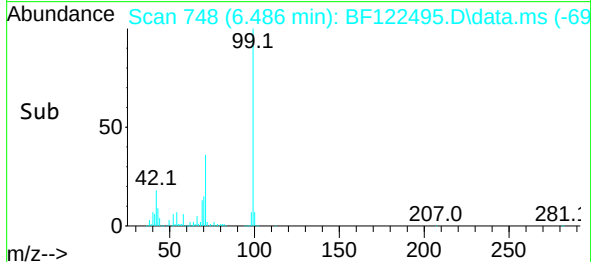
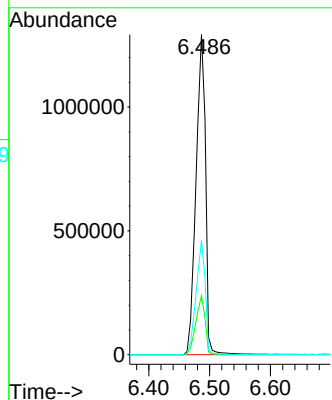
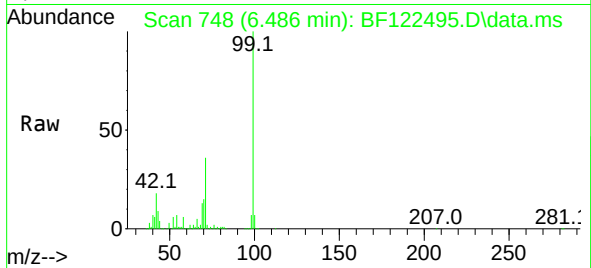




#7
Phenol-d6
Concen: 75.55 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF122495.D
Acq: 27 Nov 2020 11:06

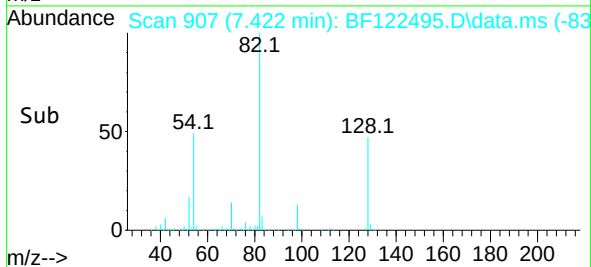
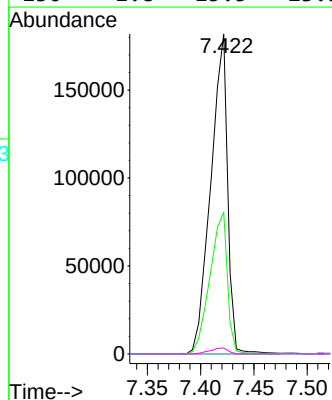
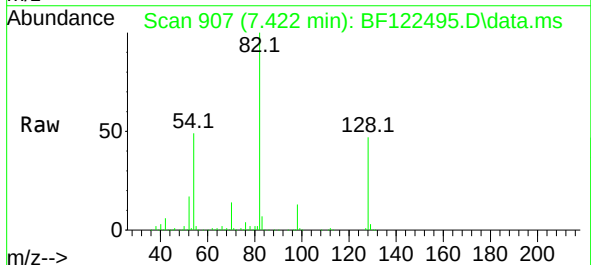
Instrument :
BNA_F
ClientSampleId :
PB133227BL

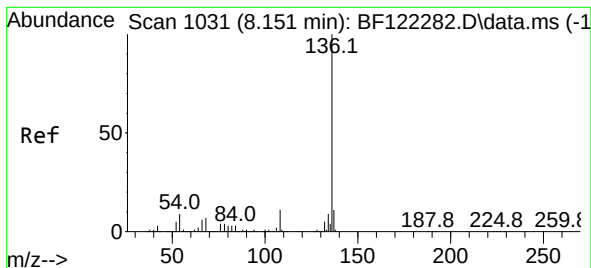
Tgt Ion: 99 Resp: 1404927
Ion Ratio Lower Upper
99 100
42 18.4 15.9 23.9
71 35.7 27.1 40.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.99 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF122495.D
Acq: 27 Nov 2020 11:06

Tgt Ion: 70 Resp: 199885
Ion Ratio Lower Upper
70 100
42 44.3 50.2 75.4#
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#



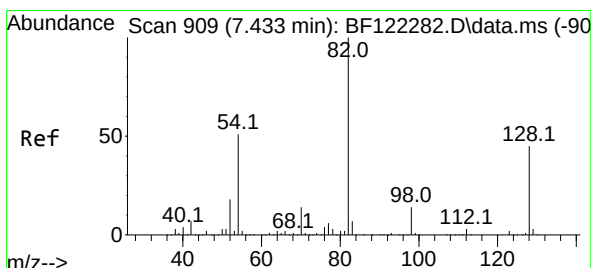
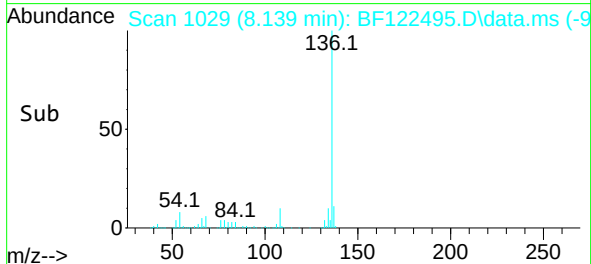
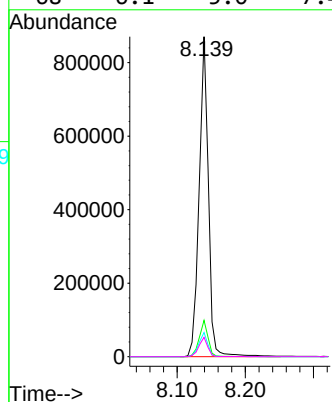
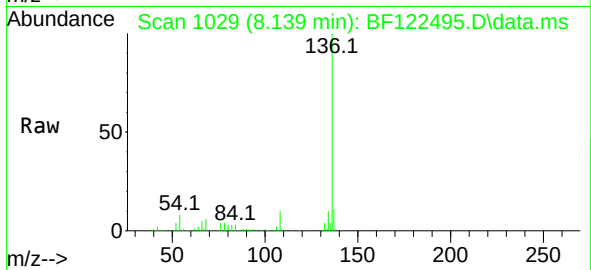


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122495.D
Acq: 27 Nov 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB133227BL

Tgt Ion:136 Resp: 825024

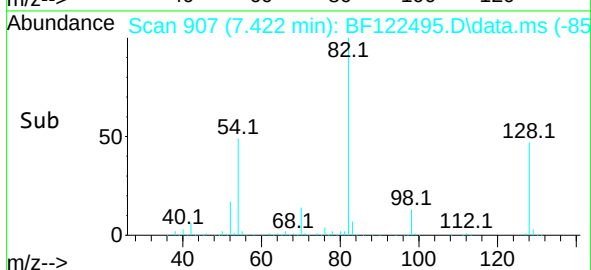
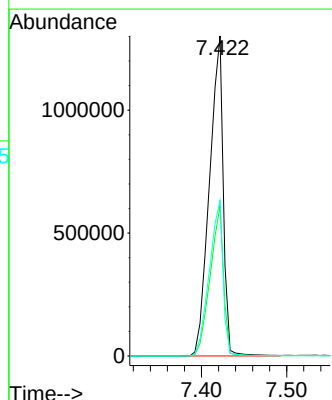
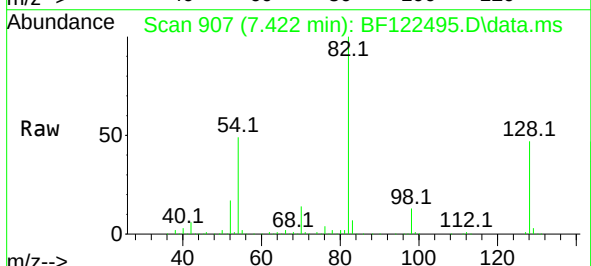
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	7.6	7.1	10.7
68	6.1	5.0	7.4

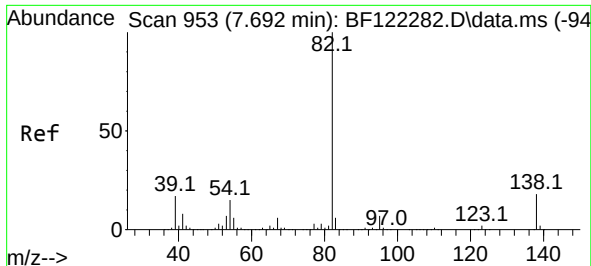


#23
Nitrobenzene-d5
Concen: 108.43 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF122495.D
Acq: 27 Nov 2020 11:06

Tgt Ion: 82 Resp: 1461214

Ion	Ratio	Lower	Upper
82	100		
128	46.9	35.0	52.4
54	48.6	43.9	65.9

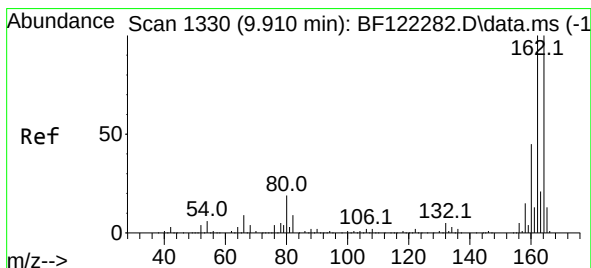
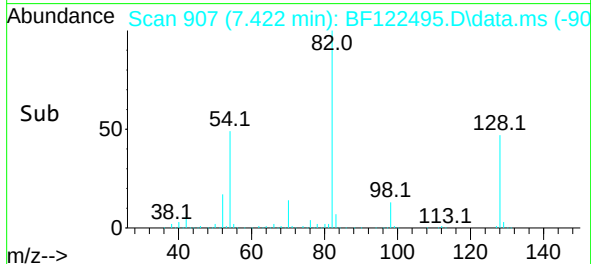
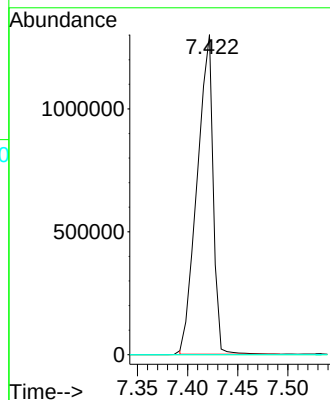
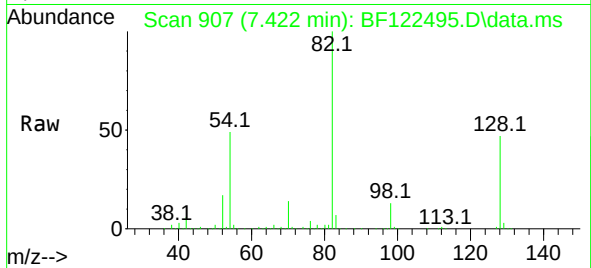




#25
Isophorone
Concen: 48.06 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF122495.D
Acq: 27 Nov 2020 11:06

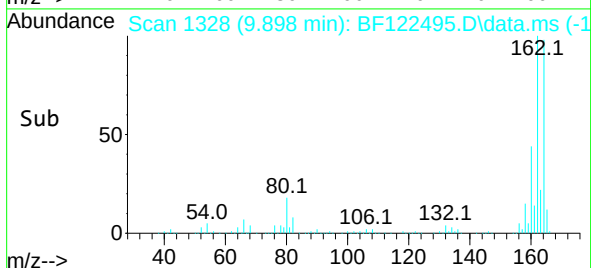
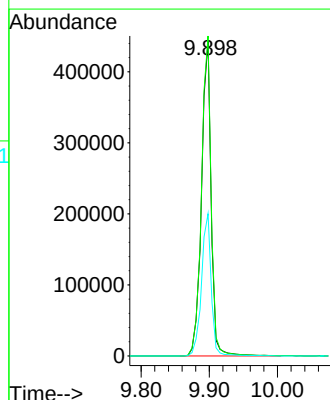
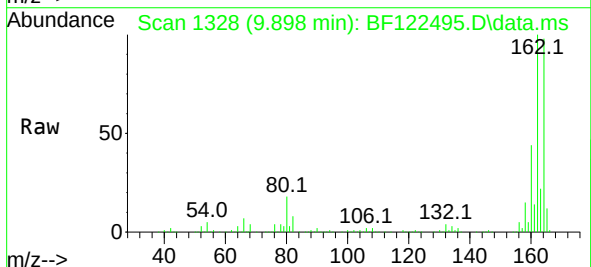
Instrument :
BNA_F
ClientSampleId :
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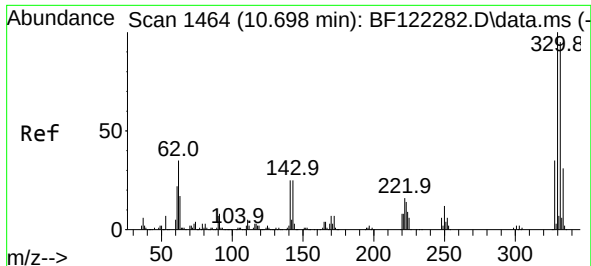
Tgt Ion: 82 Resp: 1443800
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122495.D
Acq: 27 Nov 2020 11:06

Tgt Ion: 164 Resp: 435921
Ion Ratio Lower Upper
164 100
162 101.6 83.2 124.8
160 45.1 37.5 56.3

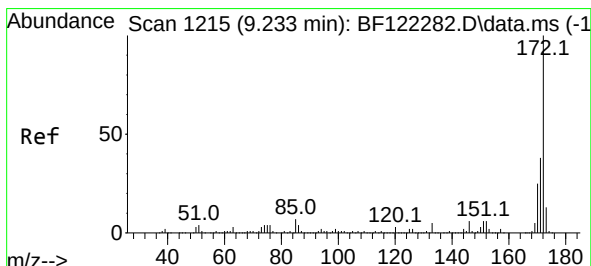
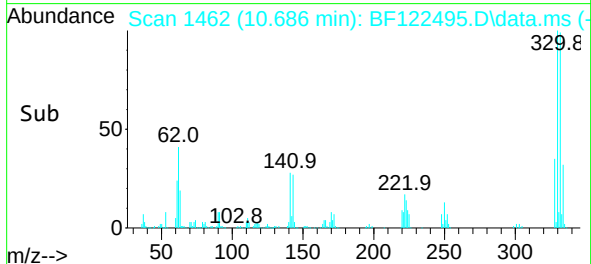
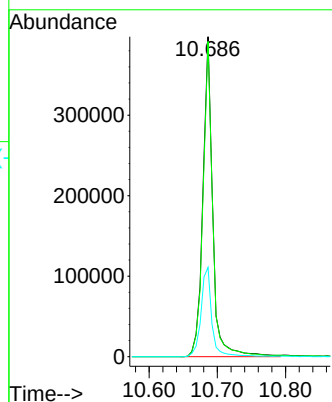
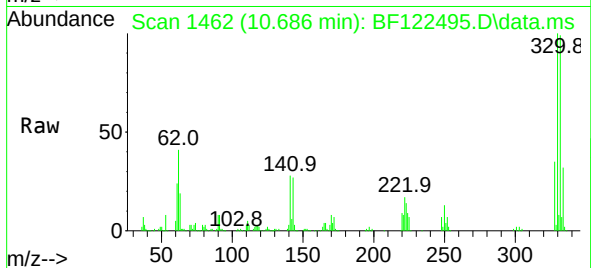




#42
2,4,6-Tribromophenol
Concen: 85.38 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF122495.D
Acq: 27 Nov 2020 11:06

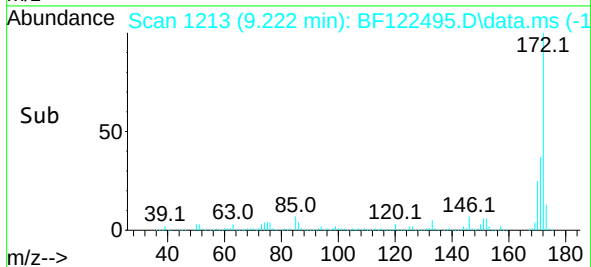
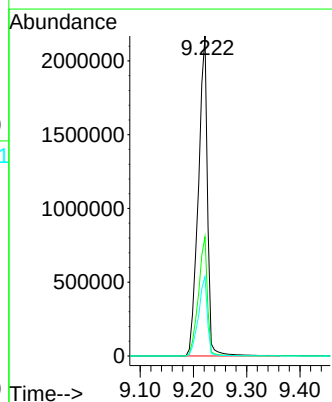
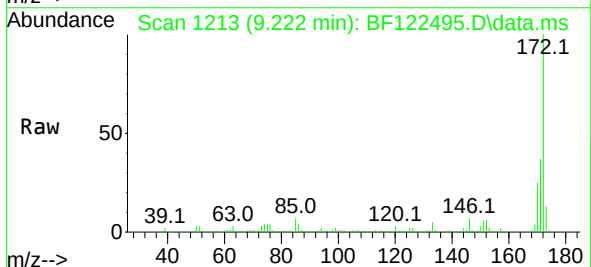
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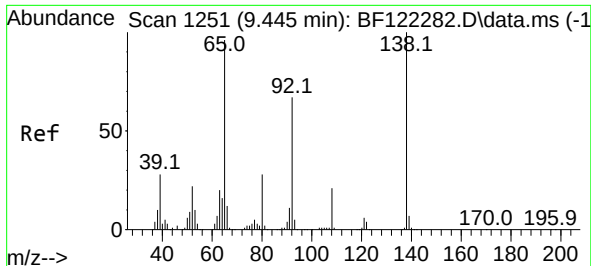
Tgt Ion:330 Resp: 399459
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 30.8 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 93.19 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF122495.D
Acq: 27 Nov 2020 11:06

Tgt Ion:172 Resp: 2599937
Ion Ratio Lower Upper
172 100
171 37.3 29.1 43.7
170 24.8 19.8 29.6

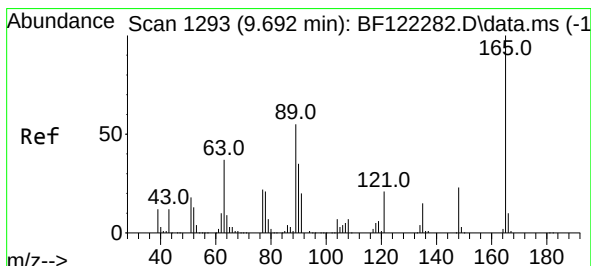
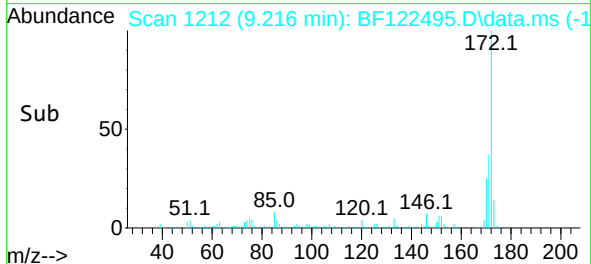
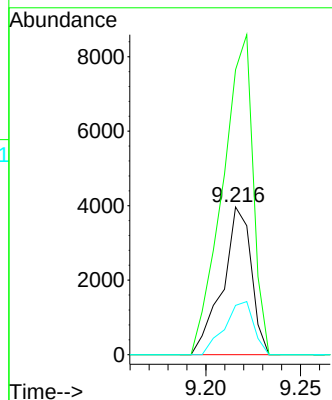
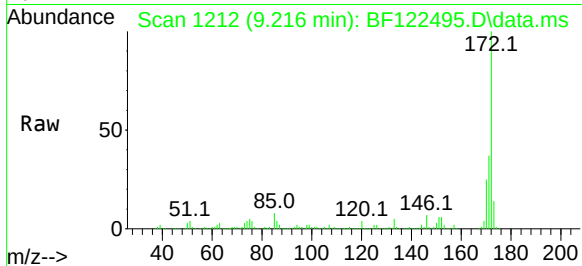




#48
2-Nitroaniline
Concen: 5.62 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.230 min
Lab File: BF122495.D
Acq: 27 Nov 2020 11:06

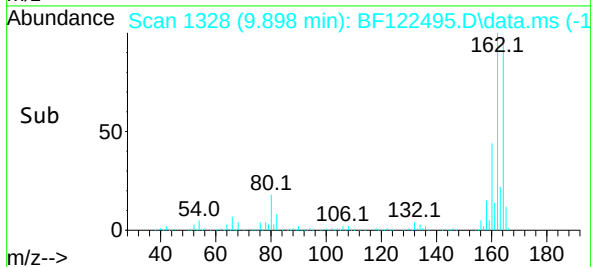
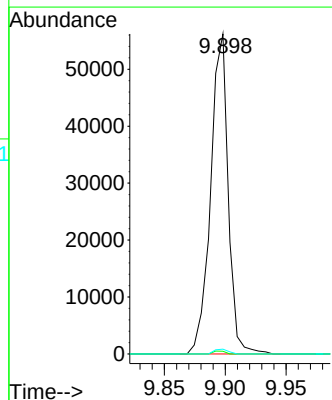
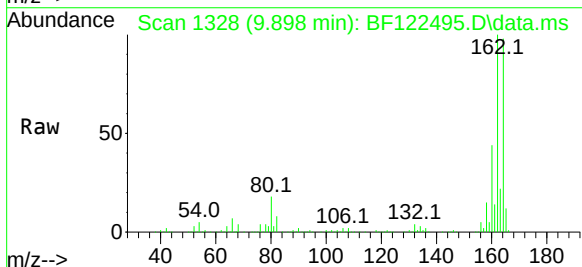
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ClientSampleId :
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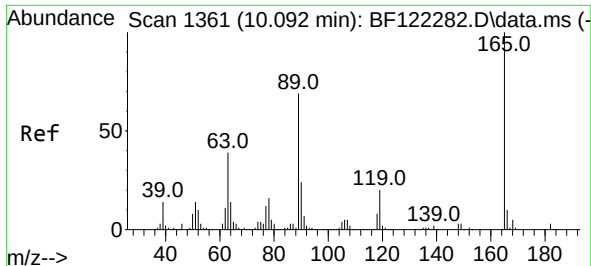
Tgt Ion: 65 Resp: 4174
Ion Ratio Lower Upper
65 100
92 192.9 55.1 82.7#
138 33.4 80.5 120.7#



#51
2,6-Dinitrotoluene
Concen: 11.35 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF122495.D
Acq: 27 Nov 2020 11:06

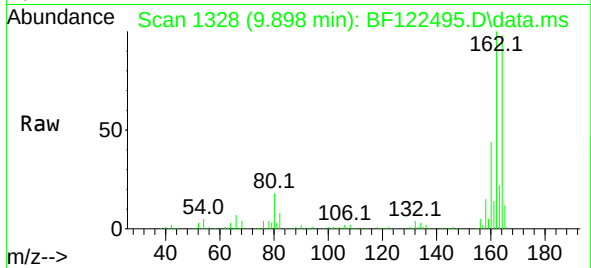
Tgt Ion:165 Resp: 56486
Ion Ratio Lower Upper
165 100
63 0.9 51.8 77.6#
89 1.5 49.0 73.6#



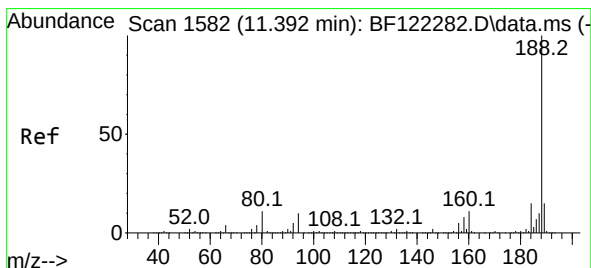
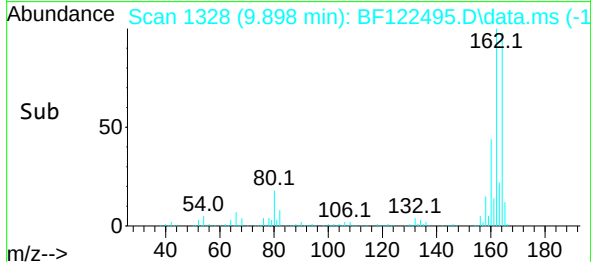
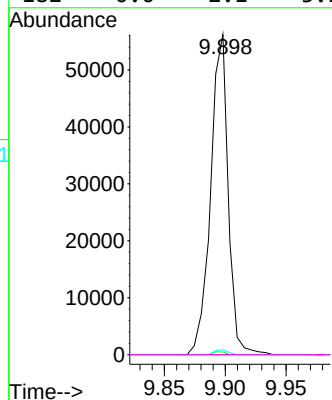


#57
2,4-Dinitrotoluene
Concen: 10.58 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.188 min
Lab File: BF122495.D
Acq: 27 Nov 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB133227BL

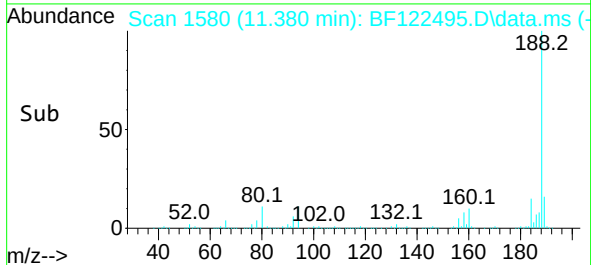
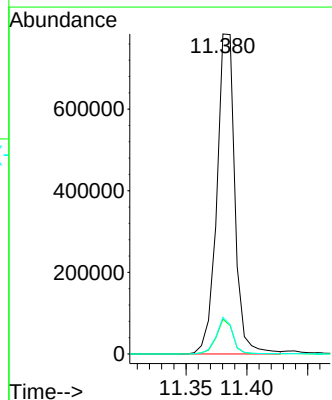
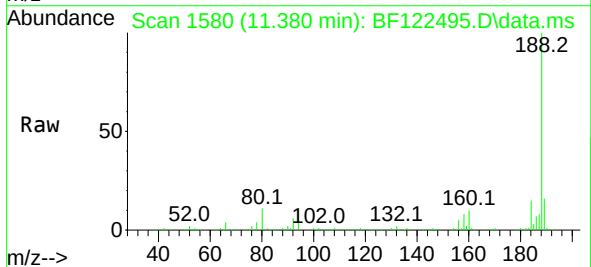


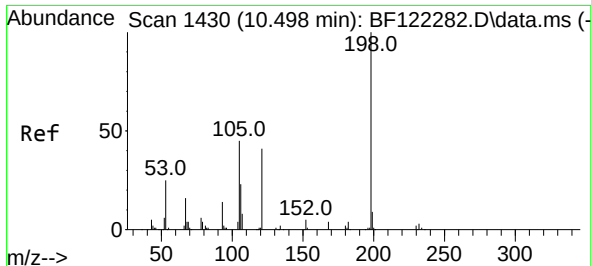
Tgt Ion:165 Resp: 56486
Ion Ratio Lower Upper
165 100
63 0.9 41.3 61.9#
89 1.5 61.8 92.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122495.D
Acq: 27 Nov 2020 11:06

Tgt Ion:188 Resp: 811310
Ion Ratio Lower Upper
188 100
94 10.9 8.3 12.5
80 11.4 9.1 13.7

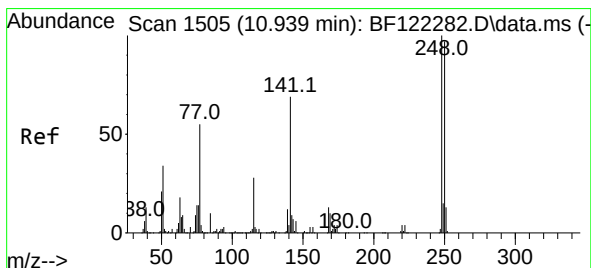
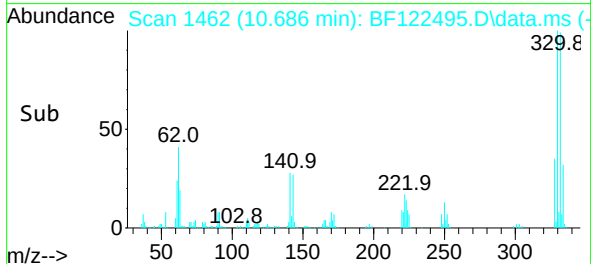
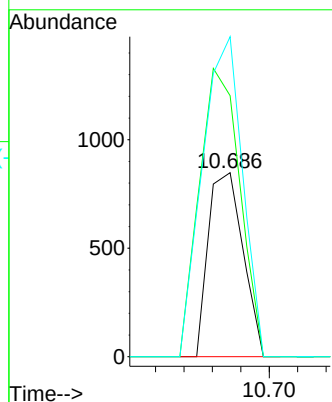
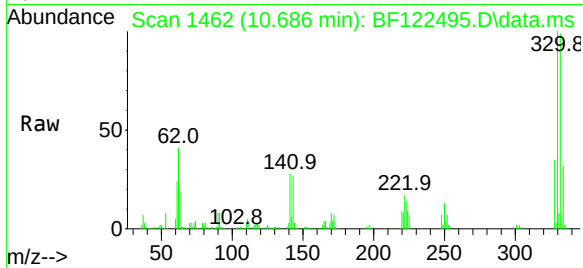




#65
4,6-Dinitro-2-methylphenol
Concen: 6.40 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.188 min
Lab File: BF122495.D
Acq: 27 Nov 2020 11:06

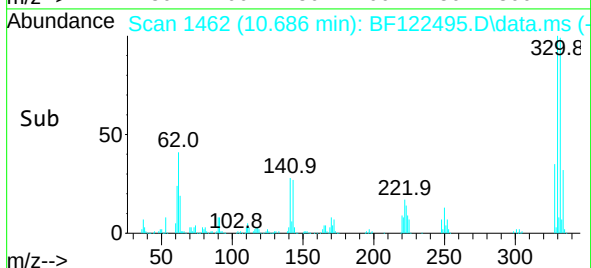
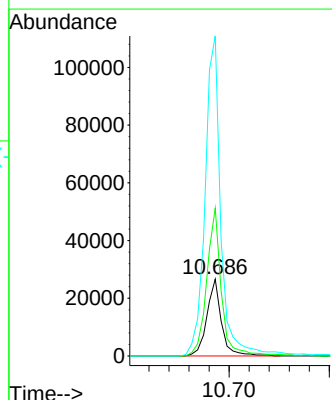
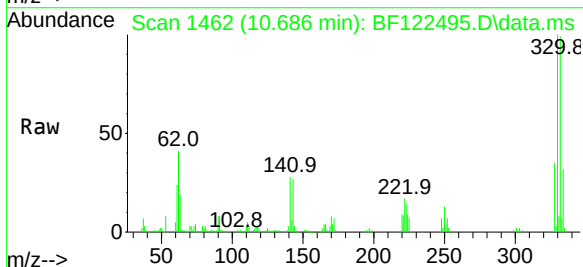
Instrument :
BNA_F
ClientSampleId :
PB133227BL

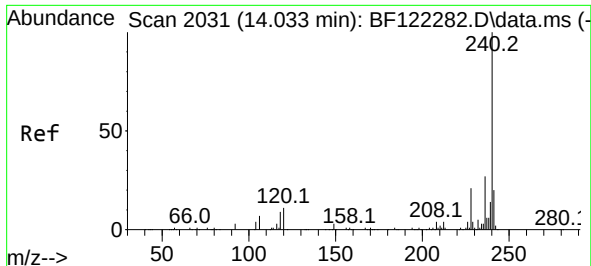
Tgt Ion:198 Resp: 718
Ion Ratio Lower Upper
198 100
51 141.9 29.6 69.6#
105 173.9 24.4 64.4#



#67
4-Bromophenyl-phenylether
Concen: 2.82 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF122495.D
Acq: 27 Nov 2020 11:06

Tgt Ion:248 Resp: 26925
Ion Ratio Lower Upper
248 100
250 192.4 77.0 115.6#
141 416.3 53.7 80.5#

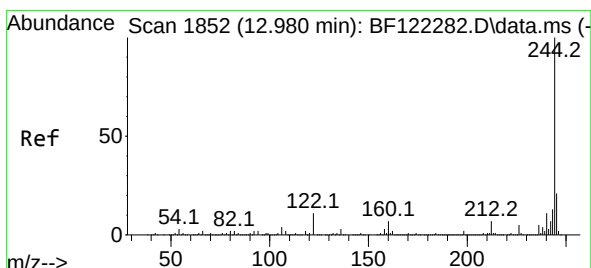
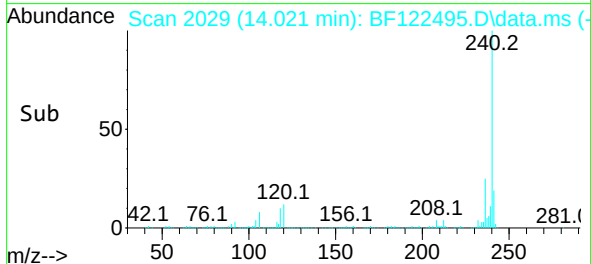
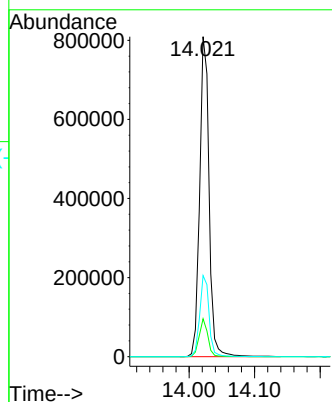
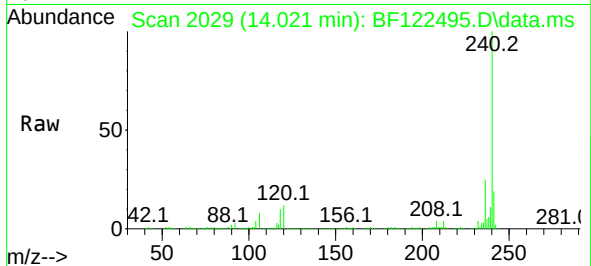




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122495.D
Acq: 27 Nov 2020 11:06

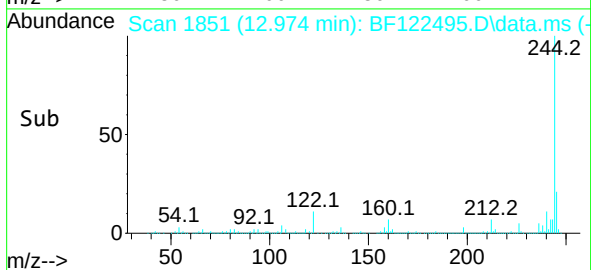
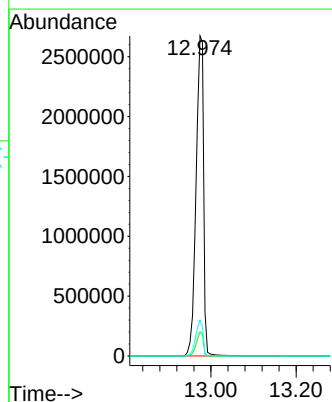
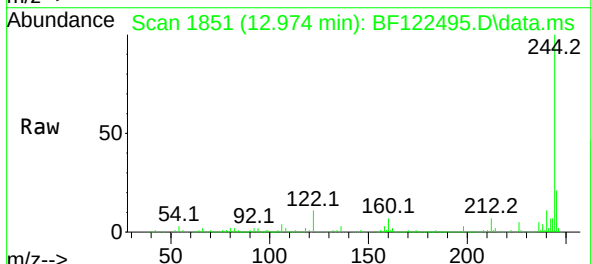
Instrument :
BNA_F
ClientSampleId :
PB133227BL

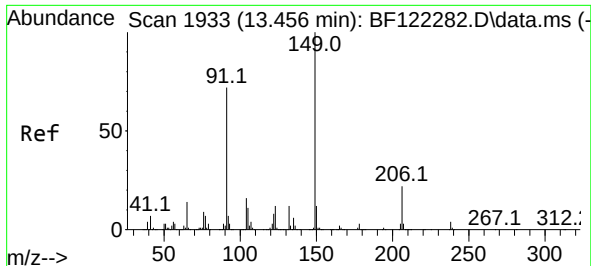
Tgt Ion:240 Resp: 808384
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 25.3 20.9 31.3



#79
Terphenyl-d14
Concen: 85.70 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF122495.D
Acq: 27 Nov 2020 11:06

Tgt Ion:244 Resp: 3270227
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 11.2 8.1 12.1

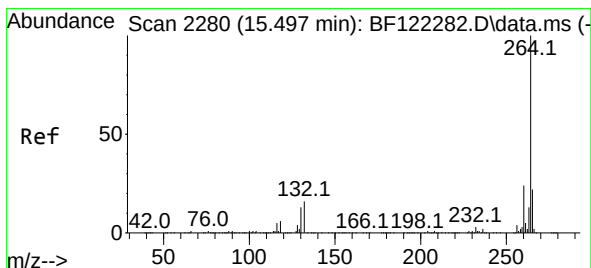
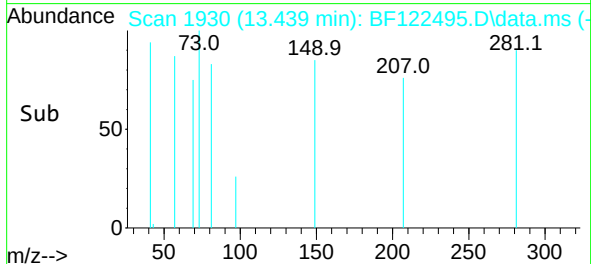
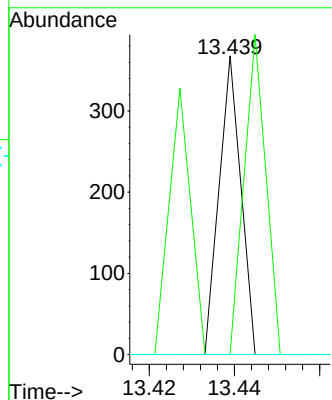
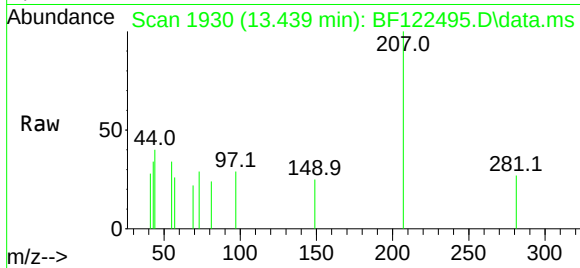




#80
Butylbenzylphthalate
Concen: 3.29 ng
RT: 13.439 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BF122495.D
Acq: 27 Nov 2020 11:06

Instrument :
BNA_F
ClientSampleId :
PB133227BL

Tgt Ion:149 Resp: 130
Ion Ratio Lower Upper
149 100
91 0.0 61.0 91.4#
206 0.0 16.7 25.1#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BF122495.D
Acq: 27 Nov 2020 11:06

Tgt Ion:264 Resp: 809088
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 21.3 17.3 25.9

