

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127536.D
 Acq On : 25 Mar 2022 20:13
 Operator : CG\JU
 Sample : N2109-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Mar 26 02:21:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

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

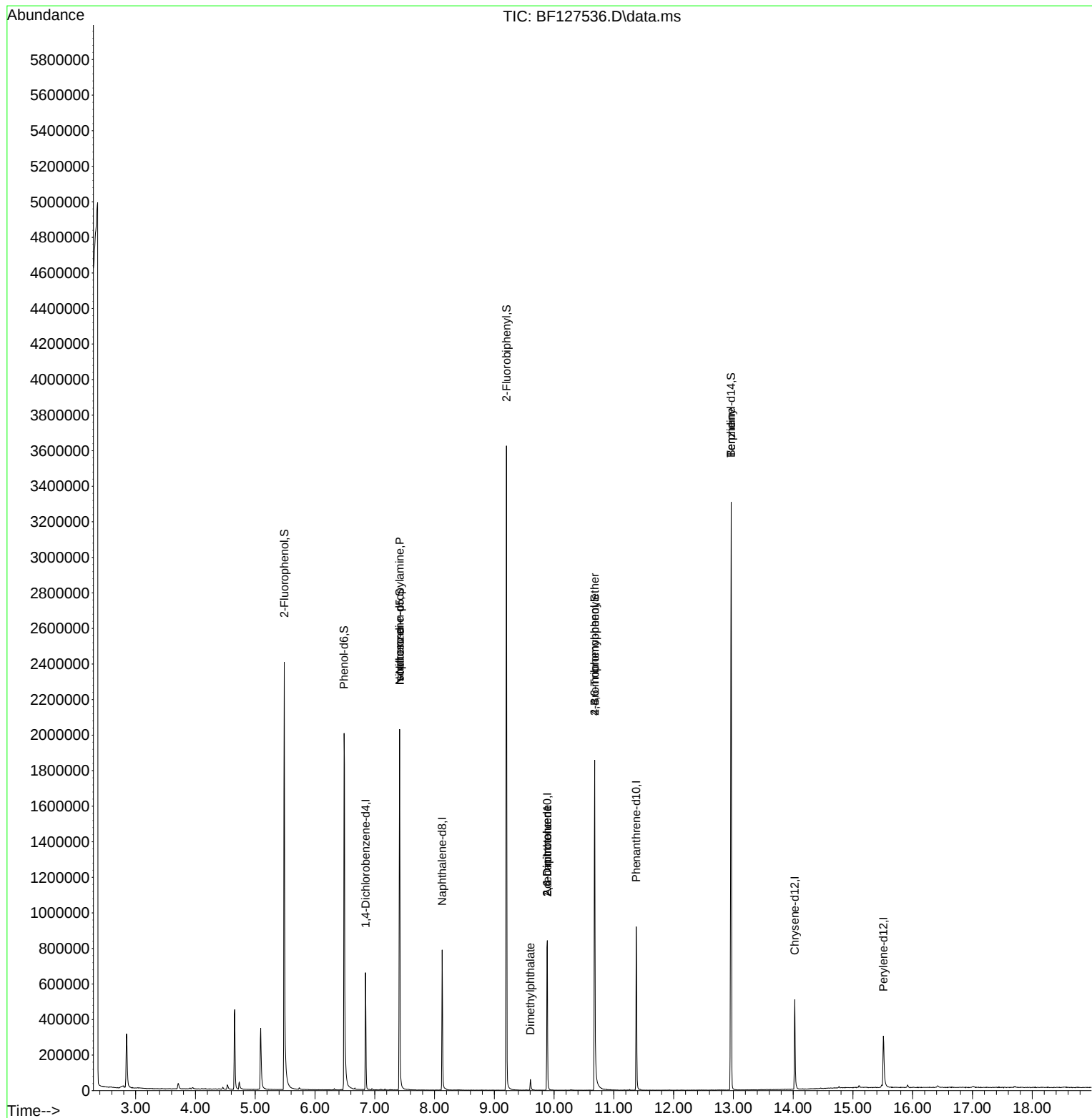
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	87918	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	324124	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	183365	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	336043	20.000	ng	0.00
76) Chrysene-d12	14.027	240	196822	20.000	ng	0.00
86) Perylene-d12	15.509	264	165767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	628204	114.055	ng	0.02
7) Phenol-d6	6.487	99	755384	100.332	ng	0.00
23) Nitrobenzene-d5	7.416	82	632798	83.454	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	233517	119.550	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1068997	85.130	ng	0.00
79) Terphenyl-d14	12.963	244	1182983	98.392	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	1186	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	88035	19.507	ng	# 80
25) Isophorone	7.416	82	632798	52.397	ng	# 70
50) Dimethylphthalate	9.604	163	29891	2.343	ng	# 98
51) 2,6-Dinitrotoluene	9.886	165	23212	8.669	ng	# 17
57) 2,4-Dinitrotoluene	9.886	165	23212	6.735	ng	# 14
58) Fluorene	10.680	166	8875	Below Cal	#	83
67) 4-Bromophenyl-phenylether	10.680	248	15314	3.903	ng	# 1
77) Benzidine	12.963	184	14822	3.158	ng	# 95

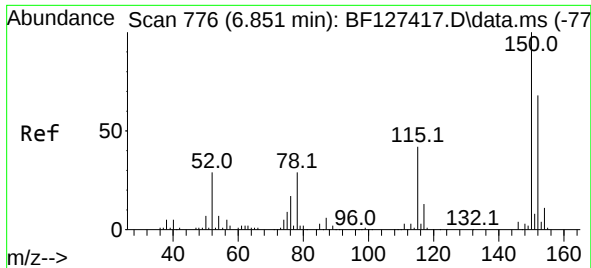
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Mar 26 02:21:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 22 02:16:33 2022
Response via : Initial Calibration

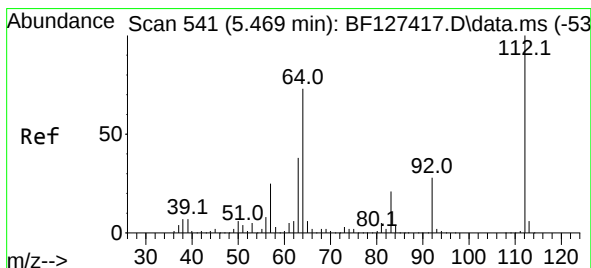
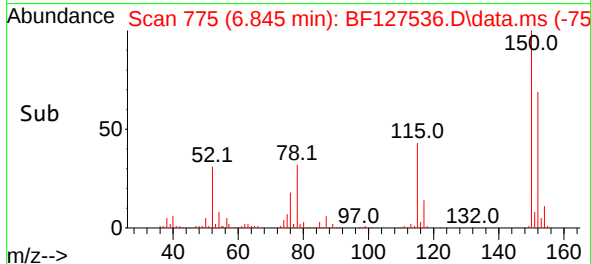
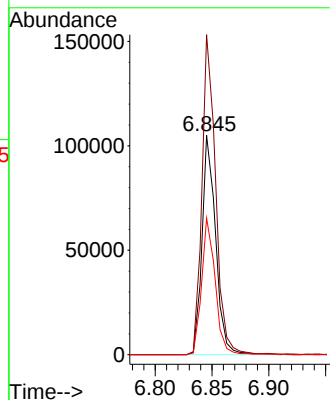
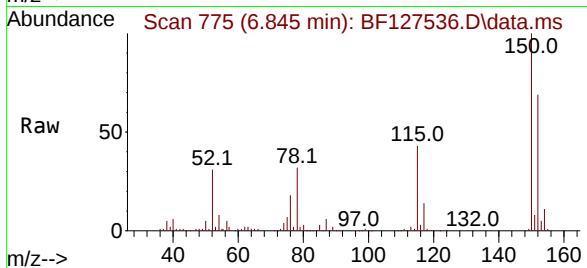




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127536.D
Acq: 25 Mar 2022 20:13

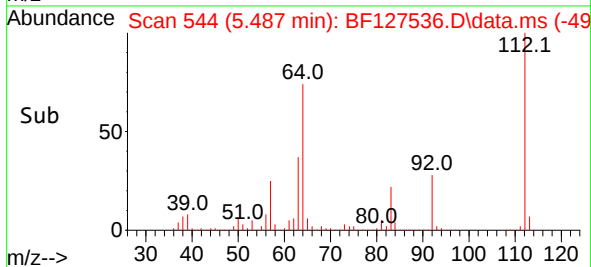
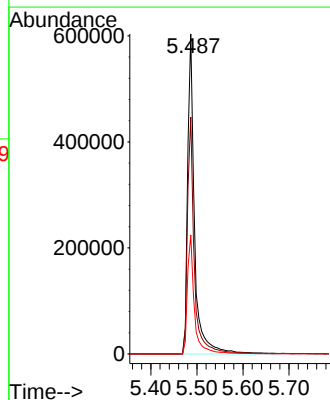
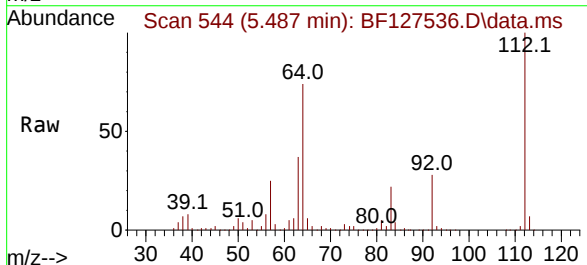
Instrument :
BNA_F
ClientSampleId :
TP-1

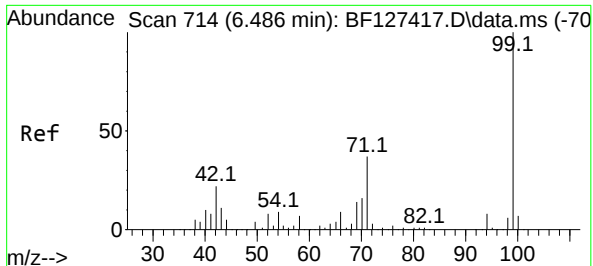
Tgt Ion:152 Resp: 87918
Ion Ratio Lower Upper
152 100
150 145.9 117.2 175.8
115 62.3 49.8 74.6



#5
2-Fluorophenol
Concen: 114.055 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.018 min
Lab File: BF127536.D
Acq: 25 Mar 2022 20:13

Tgt Ion:112 Resp: 628204
Ion Ratio Lower Upper
112 100
64 74.0 58.4 87.6
63 37.2 30.1 45.1

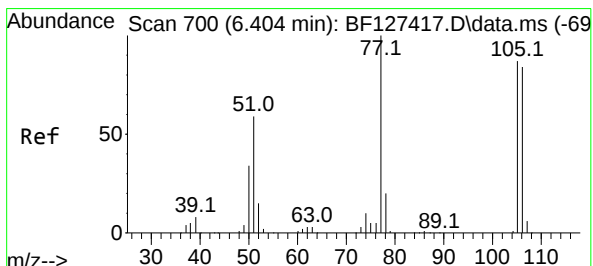
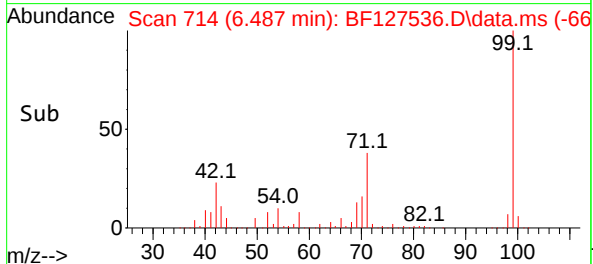
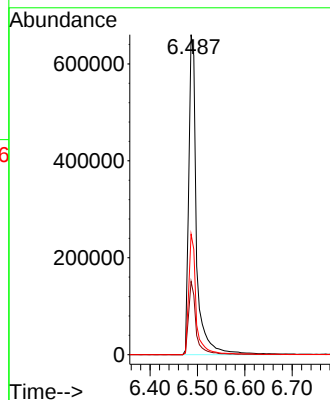
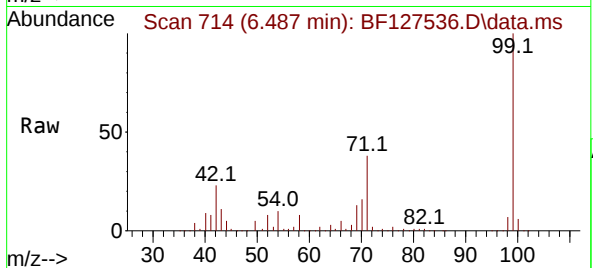




#7
Phenol-d6
Concen: 100.332 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127536.D
Acq: 25 Mar 2022 20:13

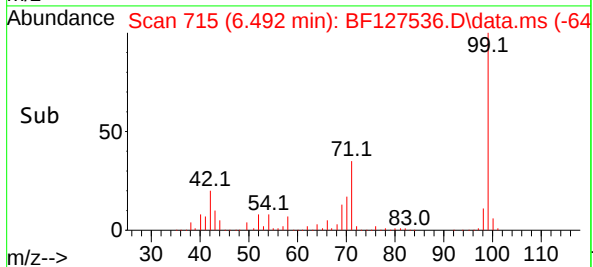
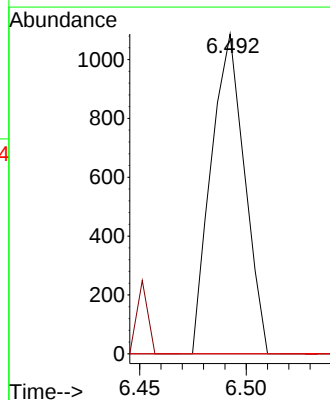
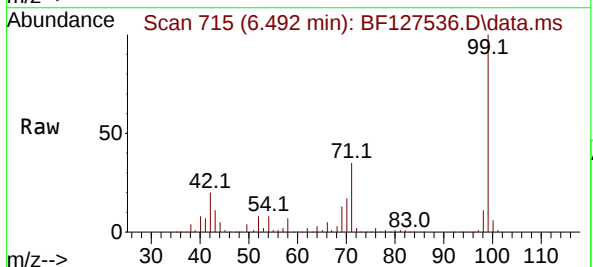
Instrument :
BNA_F
ClientSampleId :
TP-1

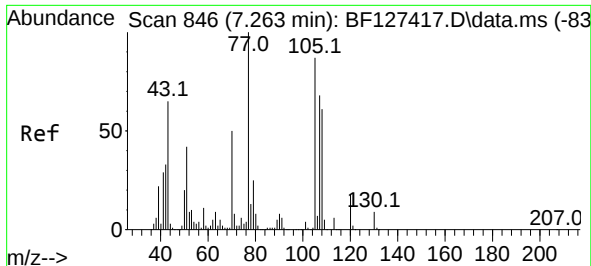
Tgt Ion: 99 Resp: 755384
Ion Ratio Lower Upper
99 100
42 22.9 17.8 26.6
71 37.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.492 min Scan# 715
Delta R.T. 0.088 min
Lab File: BF127536.D
Acq: 25 Mar 2022 20:13

Tgt Ion: 77 Resp: 1186
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

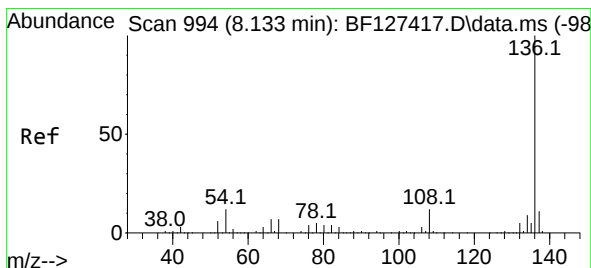
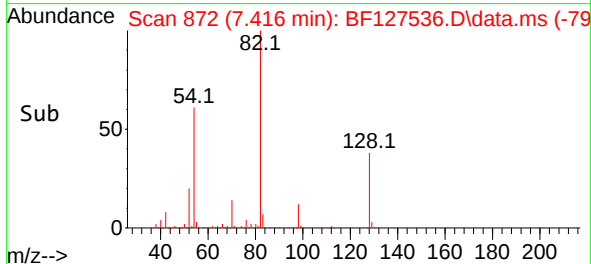
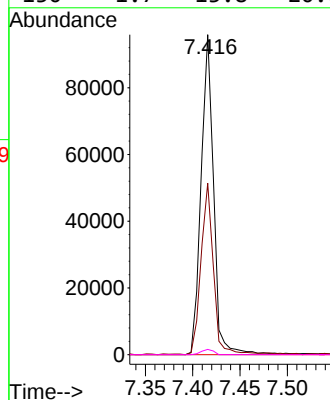
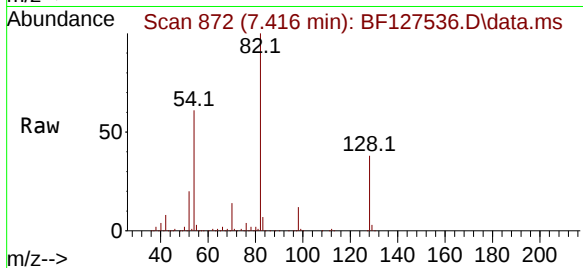




#19
n-Nitroso-di-n-propylamine
Concen: 19.507 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127536.D
Acq: 25 Mar 2022 20:13

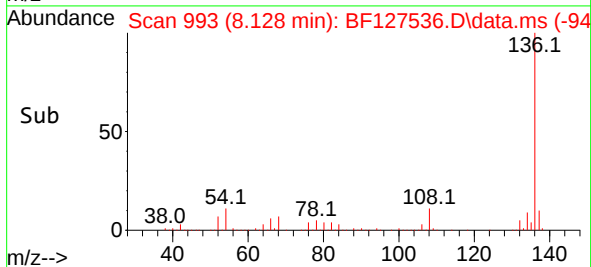
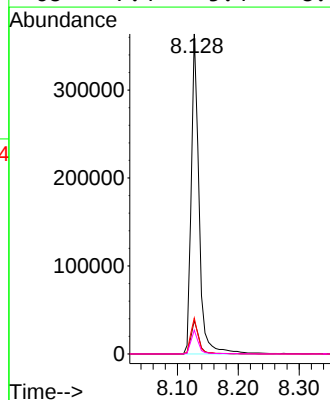
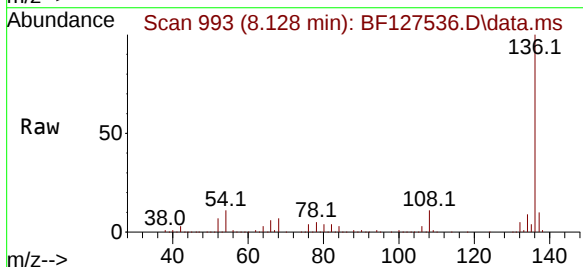
Instrument :
BNA_F
ClientSampleId :
TP-1

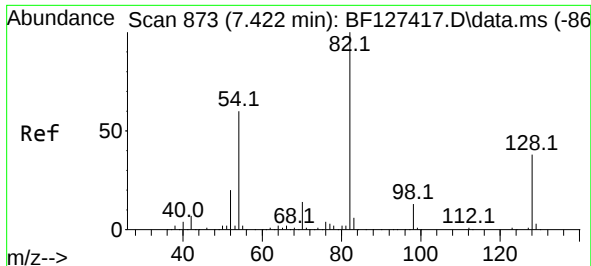
Tgt Ion:	70	Resp:	88035
Ion	Ratio	Lower	Upper
70	100		
42	53.6	53.0	79.6
101	0.0	6.8	10.2#
130	1.7	13.8	20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127536.D
Acq: 25 Mar 2022 20:13

Tgt Ion:	136	Resp:	324124
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	11.2	9.2	13.8
68	7.4	5.4	8.0

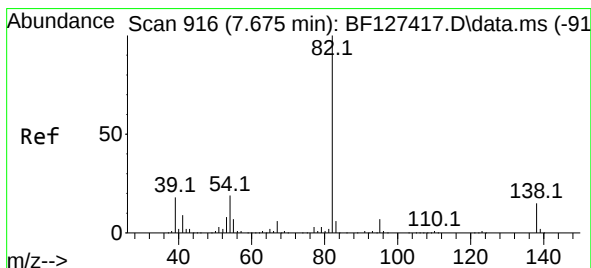
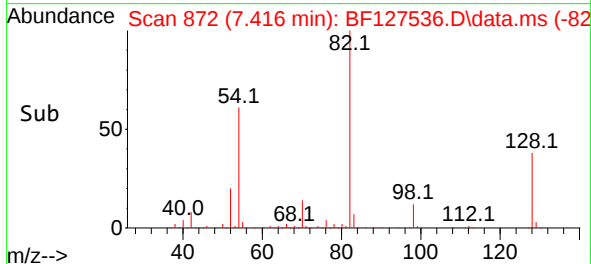
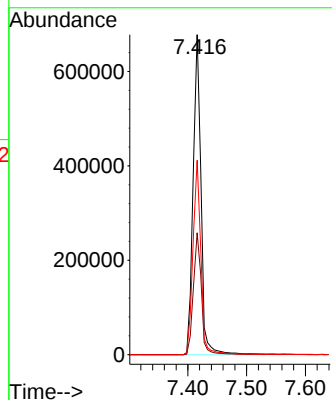
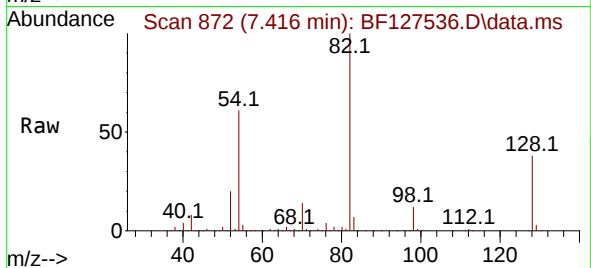




#23
Nitrobenzene-d5
Concen: 83.454 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127536.D
Acq: 25 Mar 2022 20:13

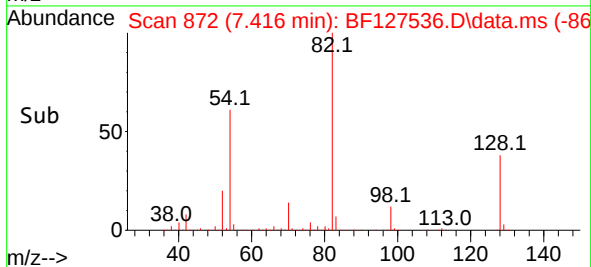
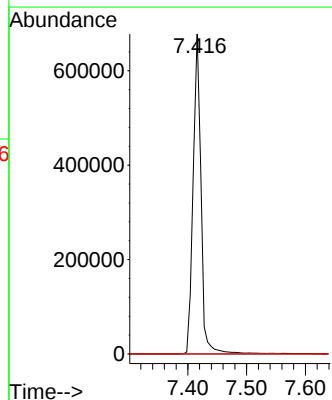
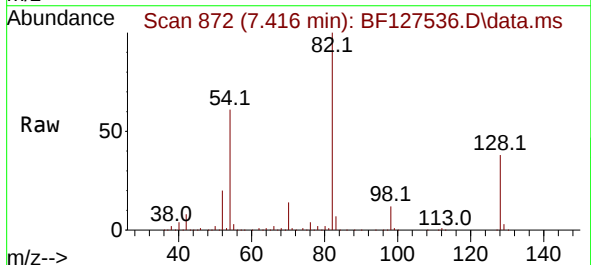
Instrument :
BNA_F
ClientSampleId :
TP-1

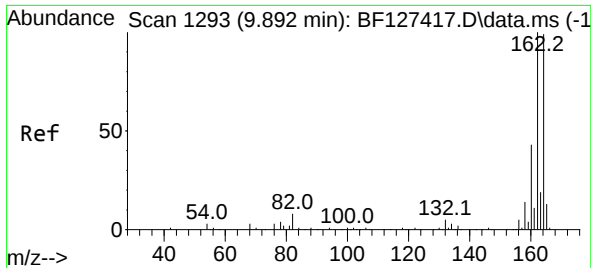
Tgt Ion: 82 Resp: 632798
Ion Ratio Lower Upper
82 100
128 38.1 30.6 45.8
54 60.8 48.2 72.2



#25
Isophorone
Concen: 52.397 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.259 min
Lab File: BF127536.D
Acq: 25 Mar 2022 20:13

Tgt Ion: 82 Resp: 632798
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#

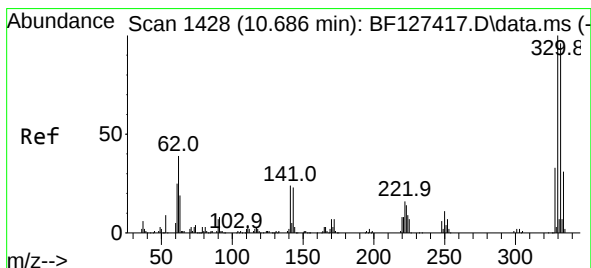
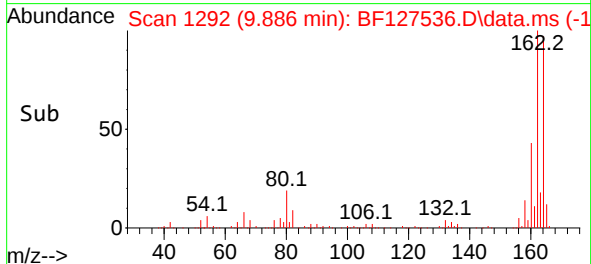
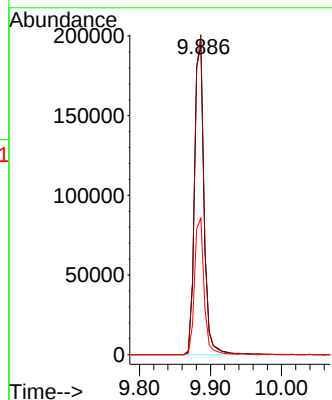
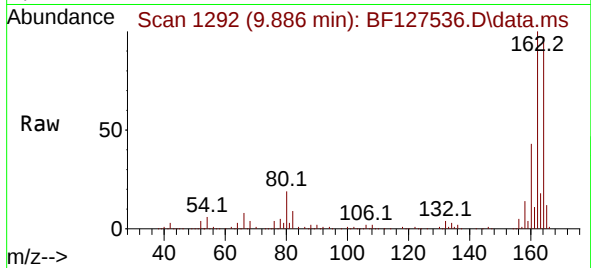




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127536.D
Acq: 25 Mar 2022 20:13

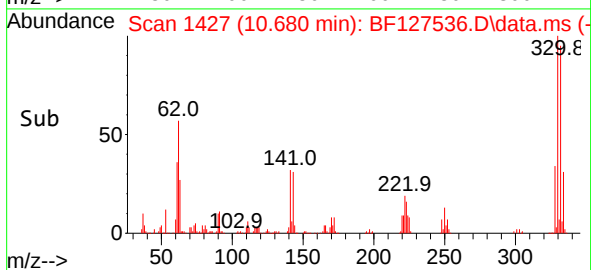
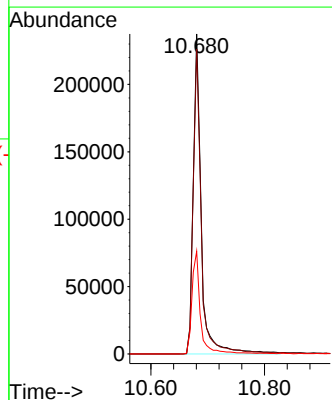
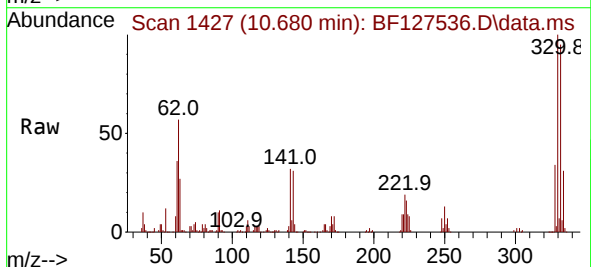
Instrument :
BNA_F
ClientSampleId :
TP-1

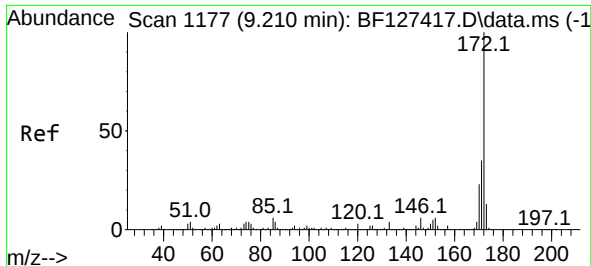
Tgt Ion:164 Resp: 183365
Ion Ratio Lower Upper
164 100
162 103.4 81.2 121.8
160 44.1 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 119.550 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF127536.D
Acq: 25 Mar 2022 20:13

Tgt Ion:330 Resp: 233517
Ion Ratio Lower Upper
330 100
332 95.7 79.1 118.7
141 34.1 26.2 39.4

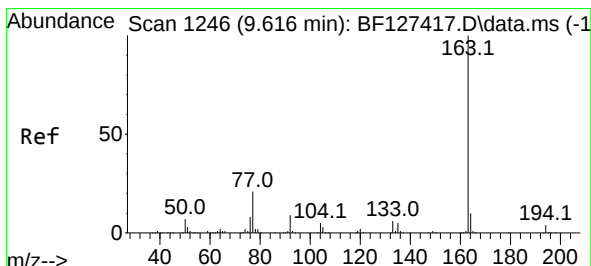
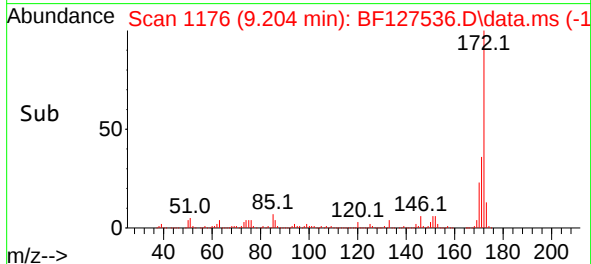
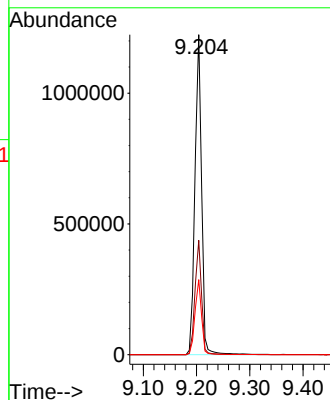
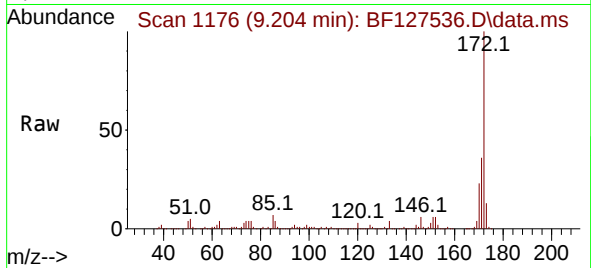




#45
2-Fluorobiphenyl
Concen: 85.130 ng
RT: 9.204 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF127536.D
Acq: 25 Mar 2022 20:13

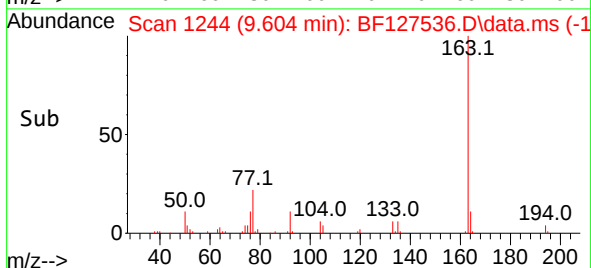
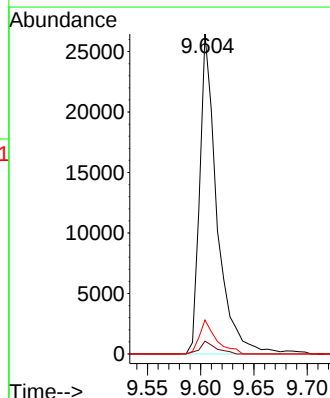
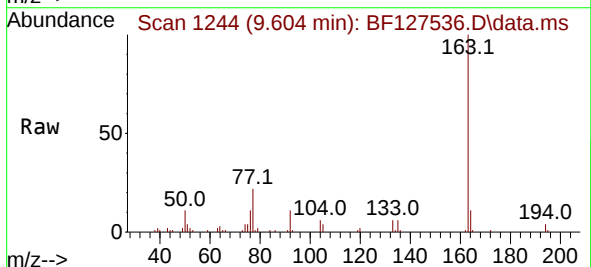
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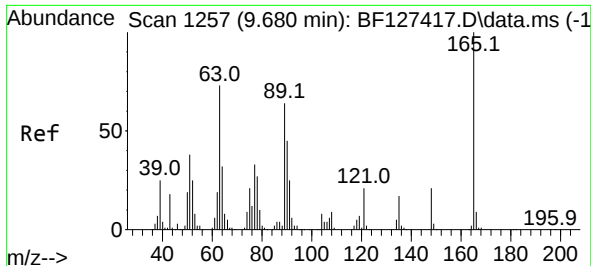
Tgt Ion:172 Resp: 1068997
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.5 18.6 27.8



#50
Dimethylphthalate
Concen: 2.343 ng
RT: 9.604 min Scan# 1244
Delta R.T. -0.012 min
Lab File: BF127536.D
Acq: 25 Mar 2022 20:13

Tgt Ion:163 Resp: 29891
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.6 7.8 11.8

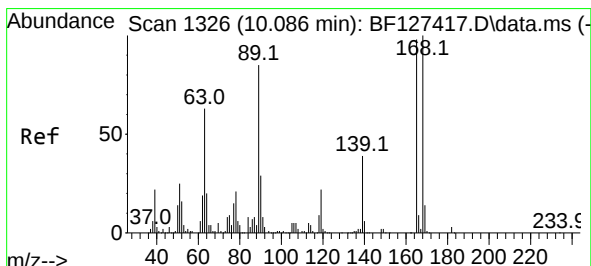
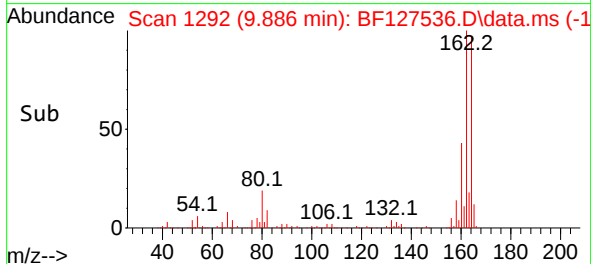
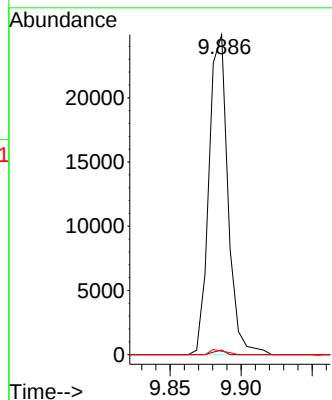
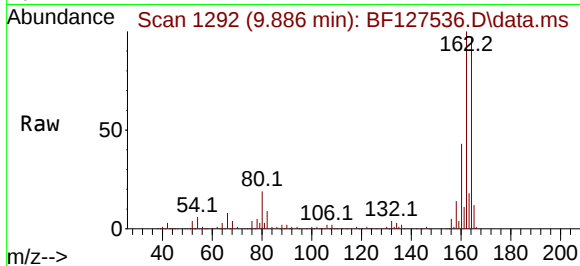




#51
2,6-Dinitrotoluene
Concen: 8.669 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF127536.D
Acq: 25 Mar 2022 20:13

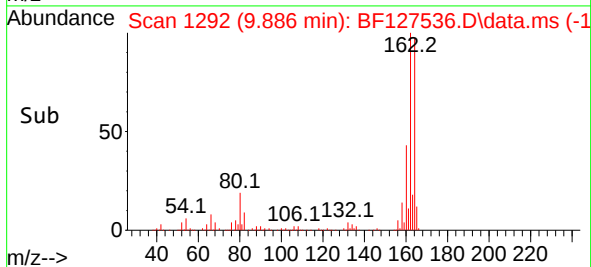
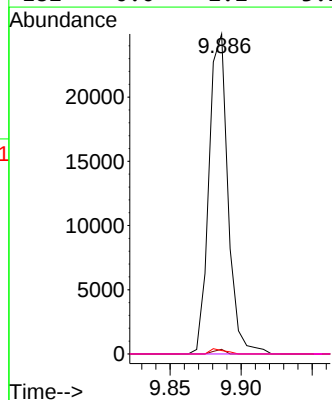
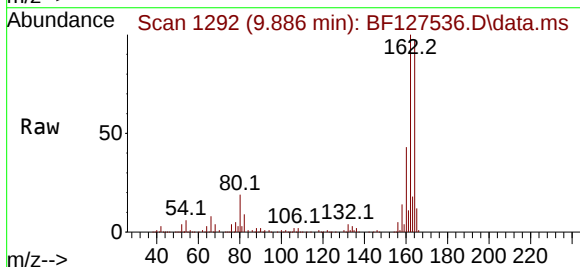
Instrument :
BNA_F
ClientSampleId :
TP-1

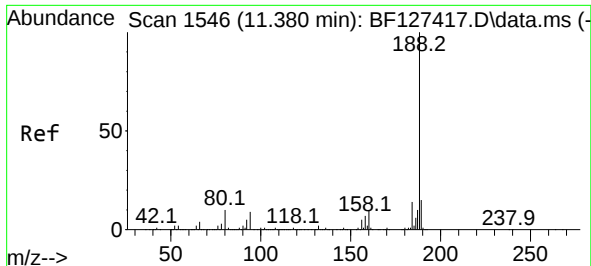
Tgt Ion:165 Resp: 23212
Ion Ratio Lower Upper
165 100
63 1.5 58.3 87.5#
89 1.1 51.5 77.3#



#57
2,4-Dinitrotoluene
Concen: 6.735 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.200 min
Lab File: BF127536.D
Acq: 25 Mar 2022 20:13

Tgt Ion:165 Resp: 23212
Ion Ratio Lower Upper
165 100
63 1.5 53.1 79.7#
89 1.1 69.2 103.8#
182 0.0 2.2 3.2#

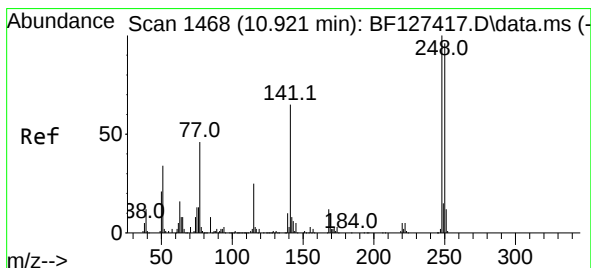
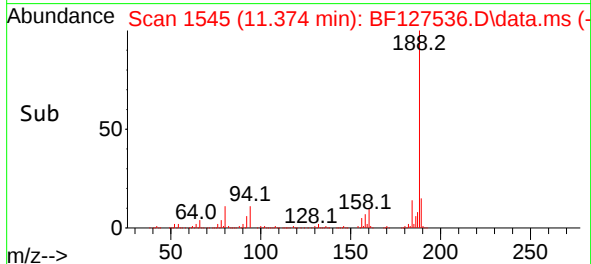
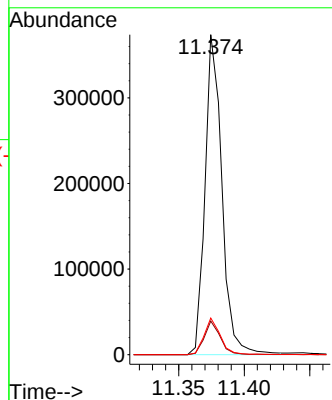
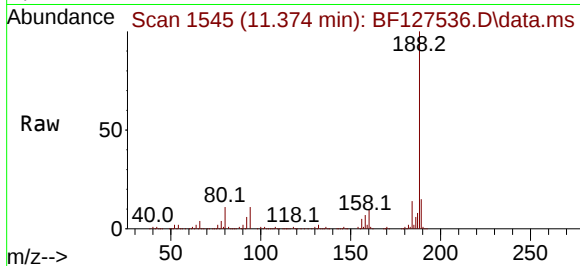




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127536.D
Acq: 25 Mar 2022 20:13

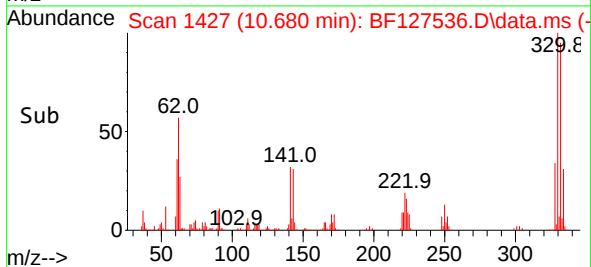
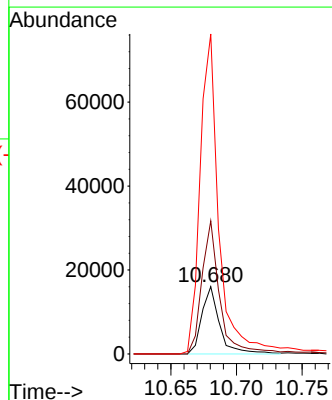
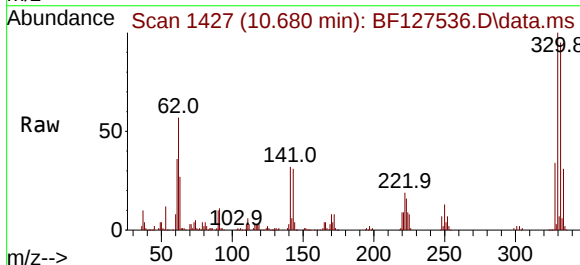
Instrument :
BNA_F
ClientSampleId :
TP-1

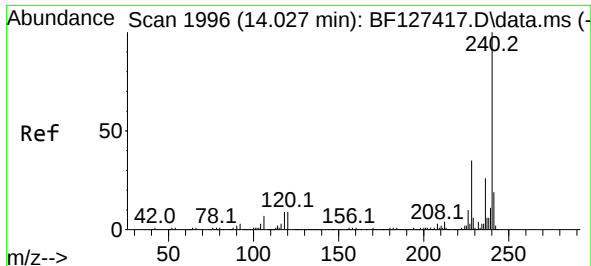
Tgt Ion:188 Resp: 336043
Ion Ratio Lower Upper
188 100
94 10.5 7.4 11.0
80 11.5 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 3.903 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.241 min
Lab File: BF127536.D
Acq: 25 Mar 2022 20:13

Tgt Ion:248 Resp: 15314
Ion Ratio Lower Upper
248 100
250 197.4 76.6 115.0#
141 474.7 52.2 78.2#

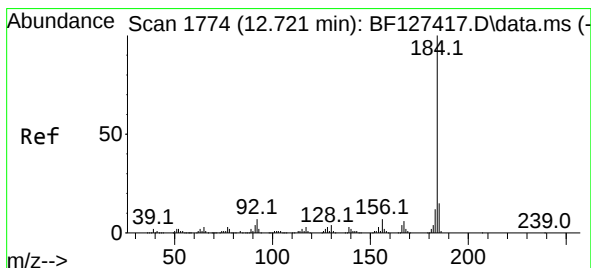
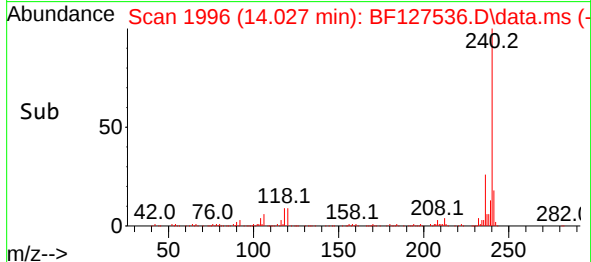
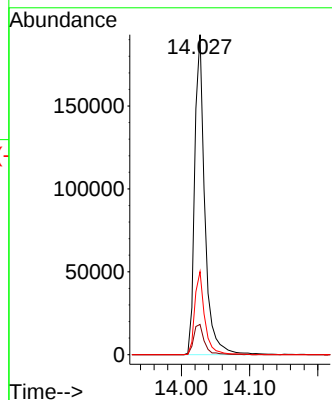
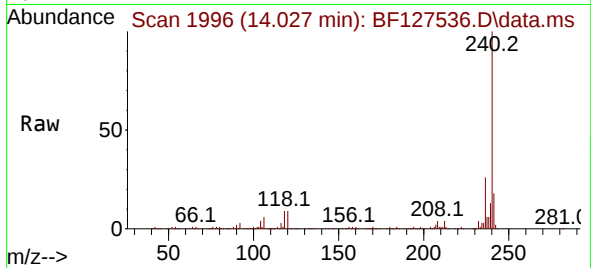




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF127536.D
Acq: 25 Mar 2022 20:13

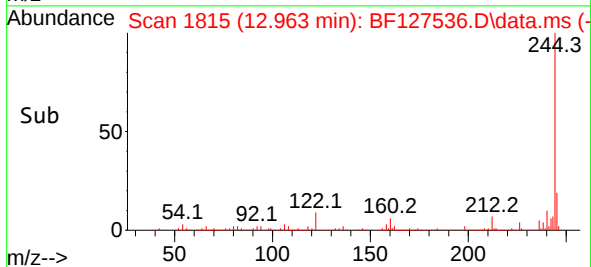
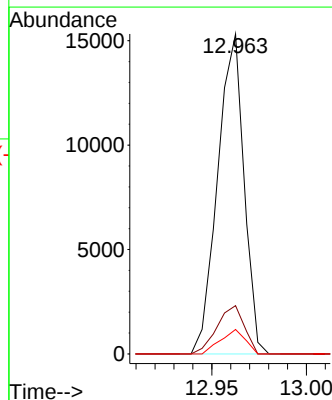
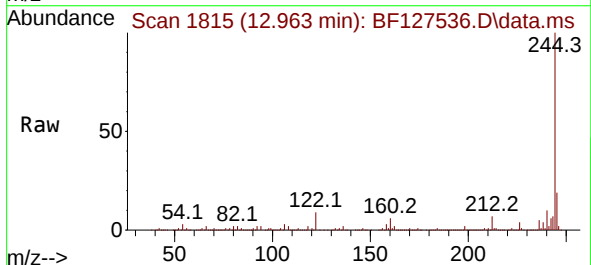
Instrument :
BNA_F
ClientSampleId :
TP-1

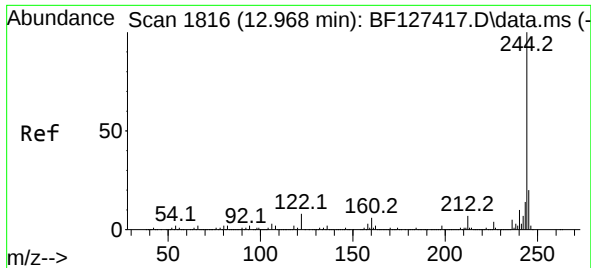
Tgt Ion:240 Resp: 196822
Ion Ratio Lower Upper
240 100
120 9.5 7.1 10.7
236 25.9 20.7 31.1



#77
Benzidine
Concen: 3.158 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127536.D
Acq: 25 Mar 2022 20:13

Tgt Ion:184 Resp: 14822
Ion Ratio Lower Upper
184 100
185 15.1 12.2 18.2
183 7.7 9.4 14.0#

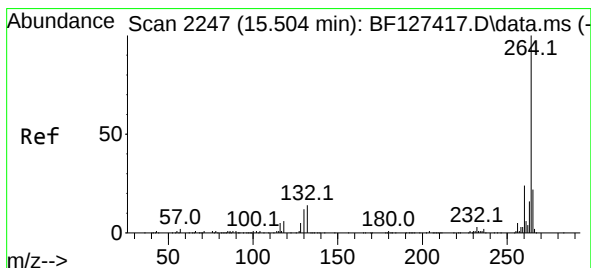
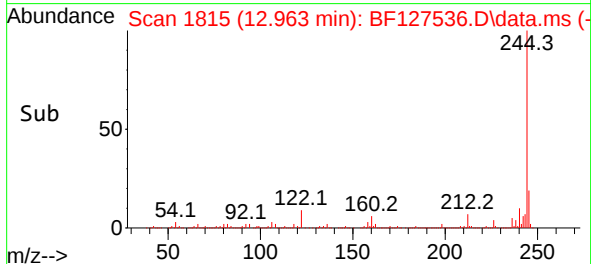
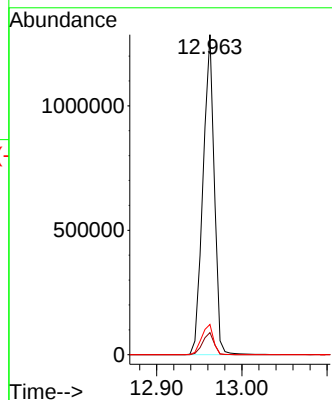
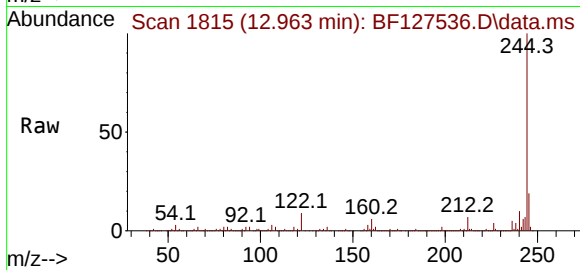




#79
 Terphenyl-d14
 Concen: 98.392 ng
 RT: 12.963 min Scan# 1815
 Delta R.T. -0.006 min
 Lab File: BF127536.D
 Acq: 25 Mar 2022 20:13

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 1182983
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.5 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2248
 Delta R.T. 0.006 min
 Lab File: BF127536.D
 Acq: 25 Mar 2022 20:13

Tgt Ion:264 Resp: 165767
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 22.2 17.4 26.2

