

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031722\
 Data File : BF127373.D
 Acq On : 17 Mar 2022 13:51
 Operator : CG\JU
 Sample : N1894-01DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1(0-10)DL

Quant Time: Mar 17 14:19:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 10 16:51:53 2022
 Response via : Initial Calibration

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

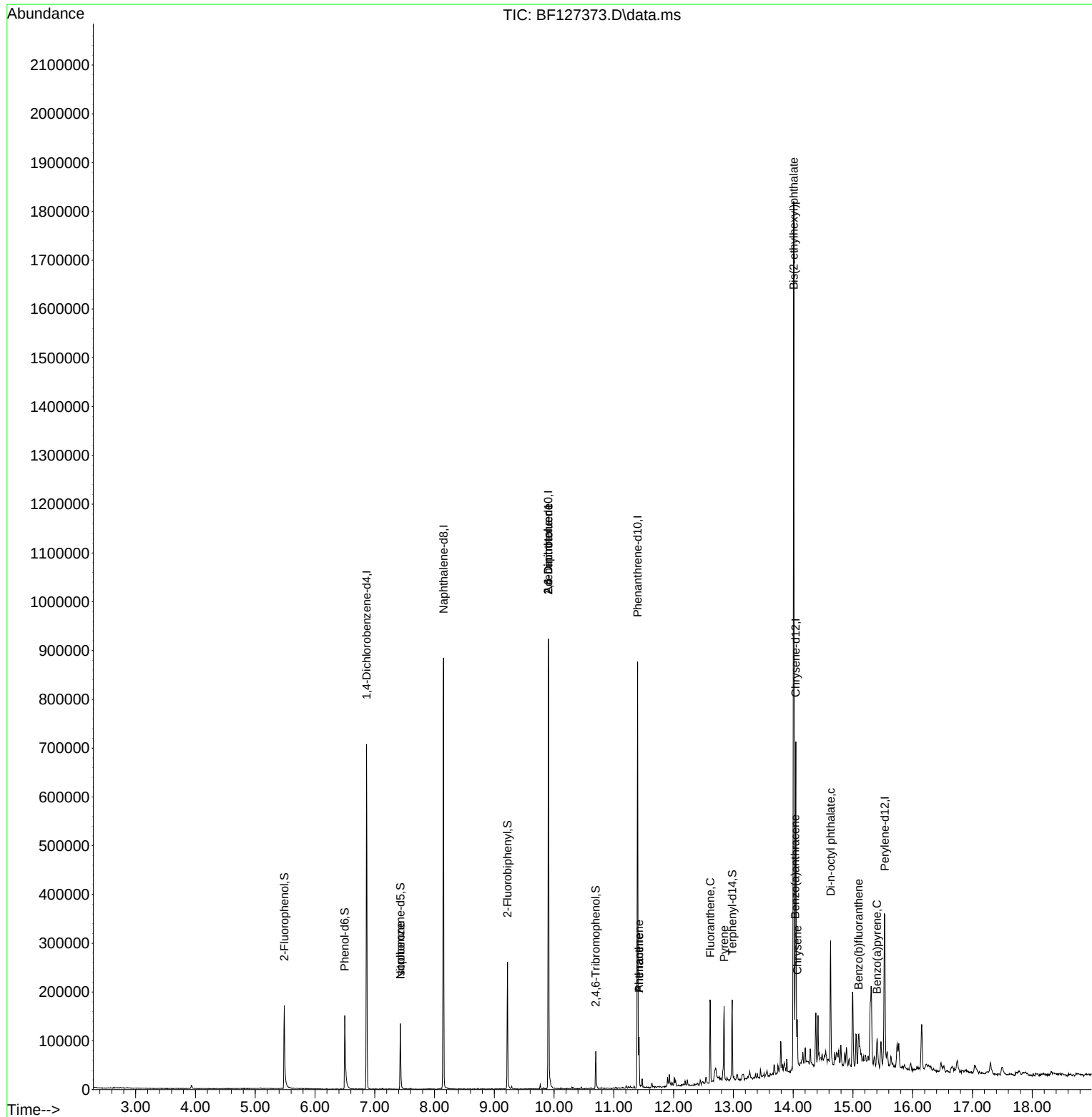
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	92698	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	341356	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	199536	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	288357	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	210161	20.000	ng	# 0.00
86) Perylene-d12	15.533	264	148928	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	49098	8.515	ng	0.00
7) Phenol-d6	6.498	99	58254	7.344	ng	0.00
23) Nitrobenzene-d5	7.428	82	39047	4.724	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	8058	3.751	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	74522	5.280	ng	-0.01
79) Terphenyl-d14	12.980	244	54076	4.431	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.440	77	58	Below Cal	#	3
25) Isophorone	7.428	82	39047	2.938	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	25468	8.806	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	25469	6.693	ng	# 16
71) Phenanthrene	11.422	178	33269	2.186	ng	96
72) Anthracene	11.422	178	33269	2.207	ng	97
75) Fluoranthene	12.616	202	70299	4.130	ng	92
78) Pyrene	12.845	202	59836	3.655	ng	99
81) Benzo(a)anthracene	14.033	228	35577	2.514	ng	95
83) Chrysene	14.068	228	29476	2.240	ng	96
84) Bis(2-ethylhexyl)phtha...	14.010	149	419118	49.421	ng	# 99
85) Di-n-octyl phthalate	14.627	149	104241	8.121	ng	# 91
88) Benzo(b)fluoranthene	15.098	252	46550	4.762	ng	# 93
90) Benzo(a)pyrene	15.404	252	15856	2.060	ng	94

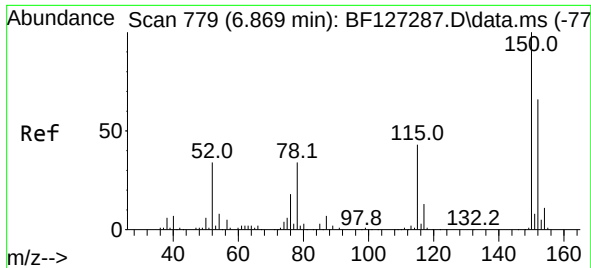
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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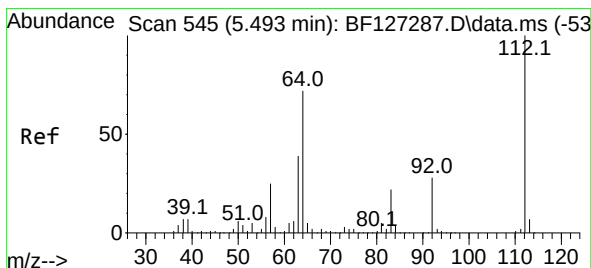
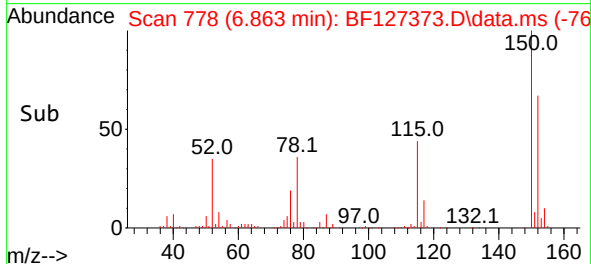
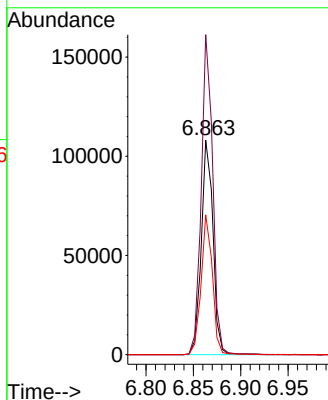
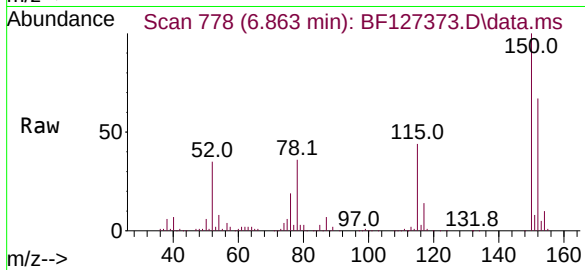




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 779
Delta R.T. -0.006 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

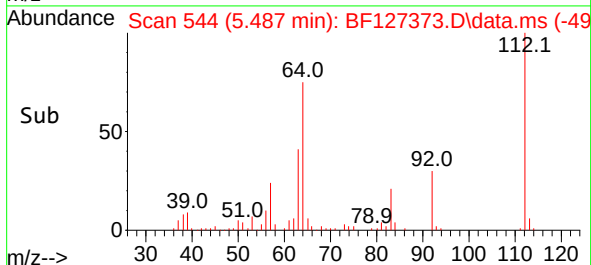
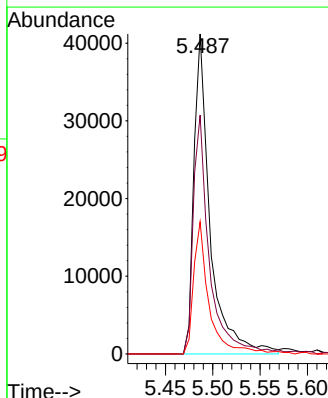
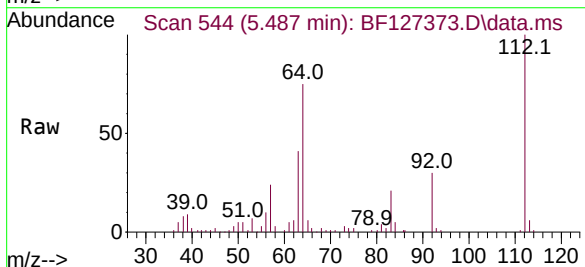
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)DL

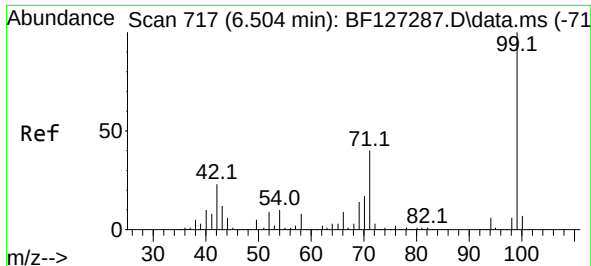
Tgt Ion:152 Resp: 92698
Ion Ratio Lower Upper
152 100
150 149.2 128.1 192.1
115 65.2 56.7 85.1



#5
2-Fluorophenol
Concen: 8.515 ng
RT: 5.487 min Scan# 544
Delta R.T. -0.006 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

Tgt Ion:112 Resp: 49098
Ion Ratio Lower Upper
112 100
64 74.7 49.5 74.3#
63 41.3 23.9 35.9#





#7

Phenol-d6

Concen: 7.344 ng

RT: 6.498 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127373.D

Acq: 17 Mar 2022 13:51

Instrument :

BNA_F

ClientSampleId :

TP1(0-10)DL

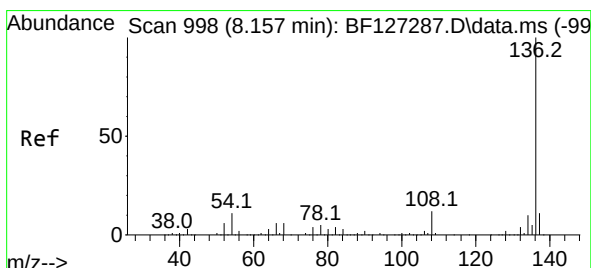
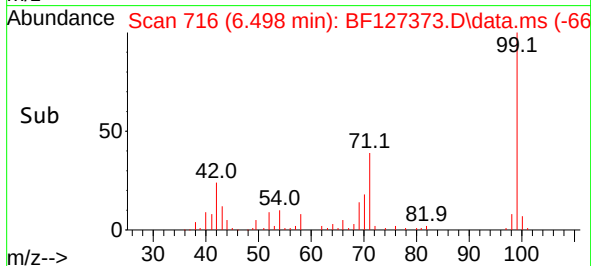
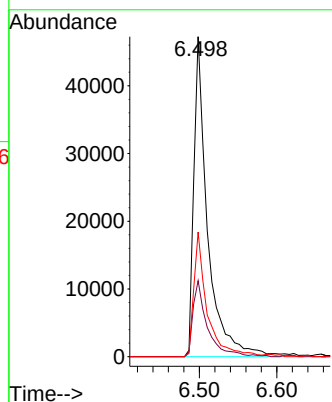
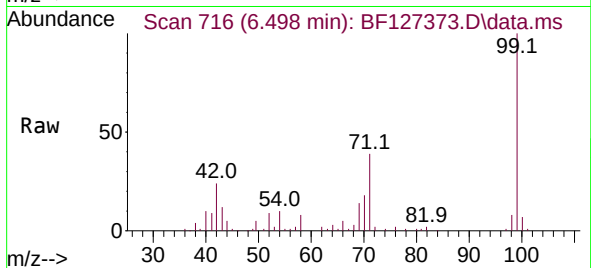
Tgt Ion: 99 Resp: 58254

Ion Ratio Lower Upper

99 100

42 23.8 14.2 21.4#

71 39.0 24.3 36.5#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF127373.D

Acq: 17 Mar 2022 13:51

Tgt Ion: 136 Resp: 341356

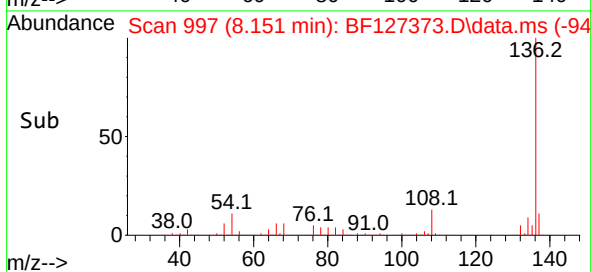
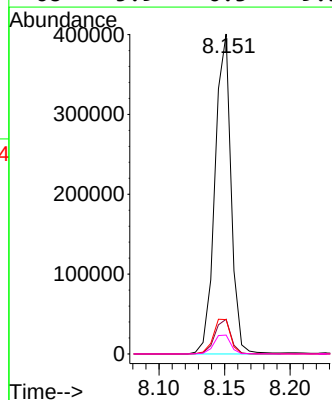
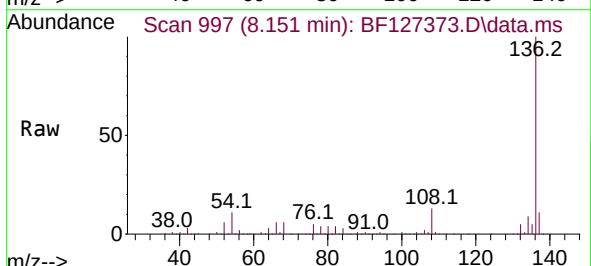
Ion Ratio Lower Upper

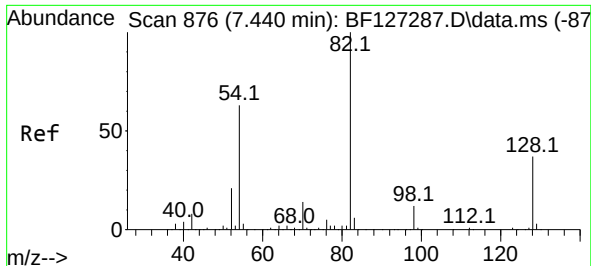
136 100

137 10.9 8.6 13.0

54 10.8 7.8 11.6

68 5.9 6.3 9.5#

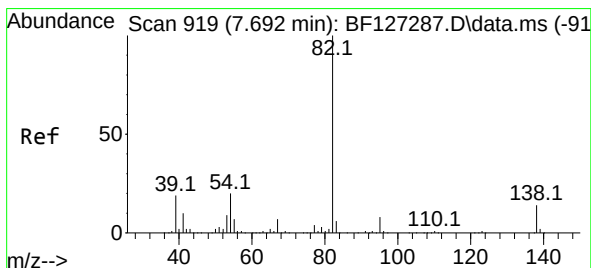
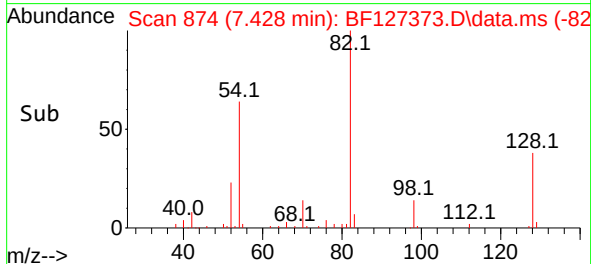
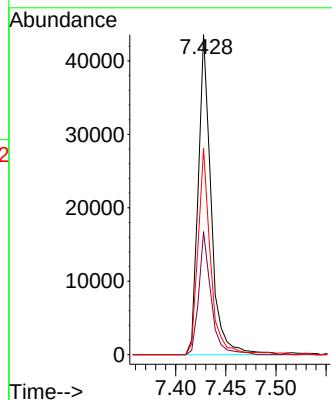
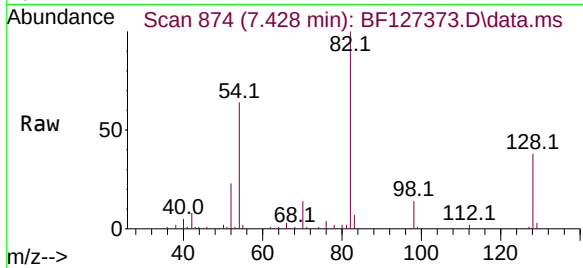




#23
Nitrobenzene-d5
Concen: 4.724 ng
RT: 7.428 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

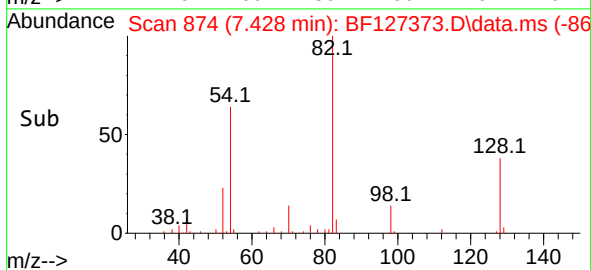
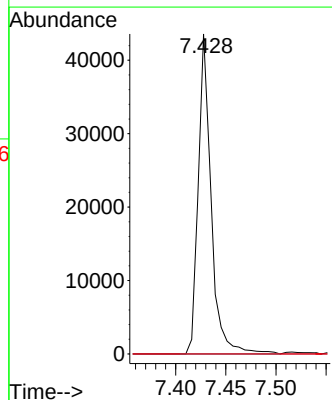
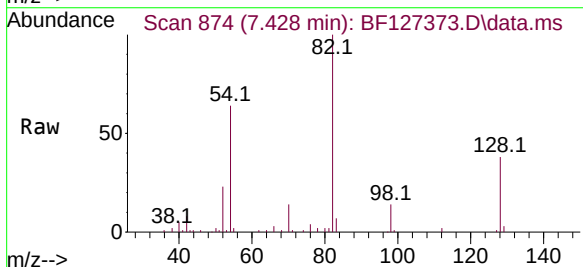
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)DL

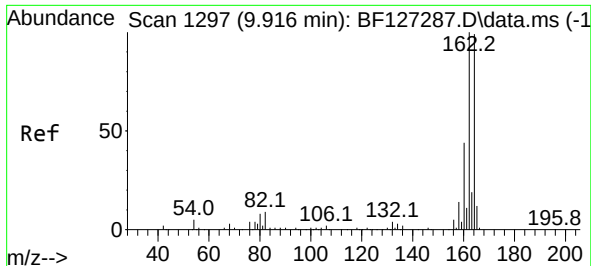
Tgt Ion: 82 Resp: 39047
Ion Ratio Lower Upper
82 100
128 38.4 32.7 49.1
54 64.5 41.7 62.5#



#25
Isophorone
Concen: 2.938 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.265 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

Tgt Ion: 82 Resp: 39047
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

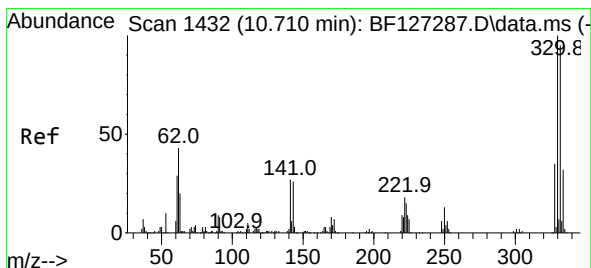
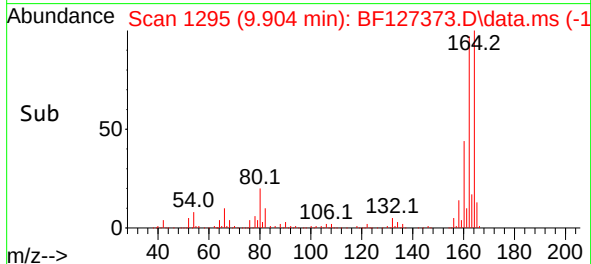
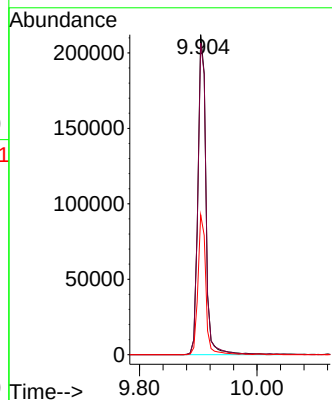
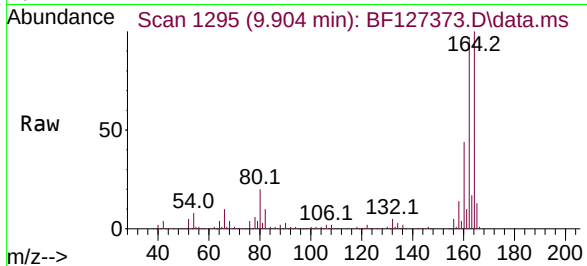




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

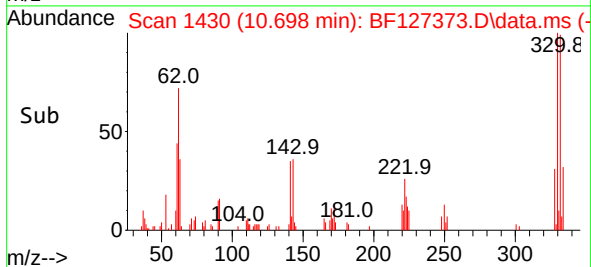
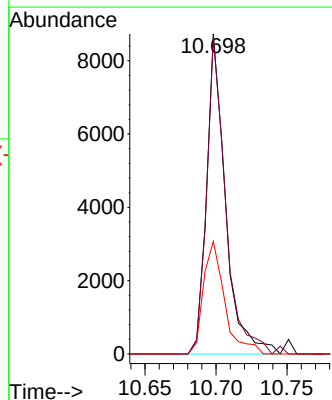
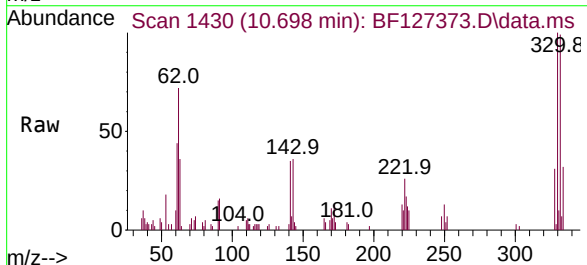
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)DL

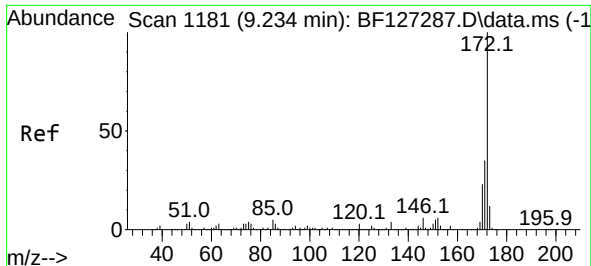
Tgt Ion:164 Resp: 199536
Ion Ratio Lower Upper
164 100
162 97.4 81.4 122.0
160 43.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 3.751 ng
RT: 10.698 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

Tgt Ion:330 Resp: 8058
Ion Ratio Lower Upper
330 100
332 100.4 76.0 114.0
141 39.5 30.1 45.1

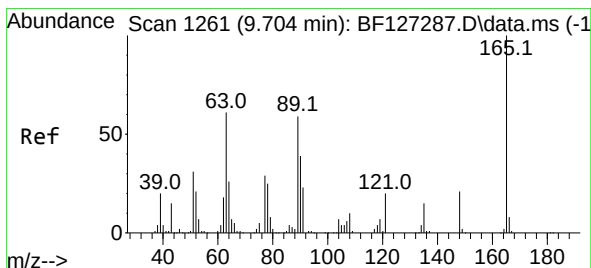
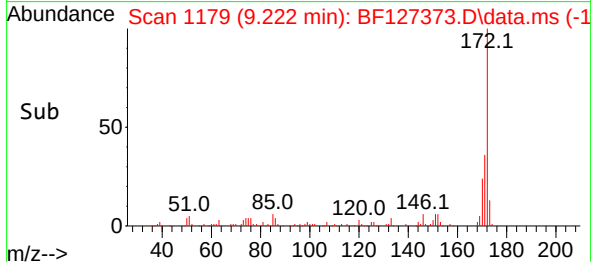
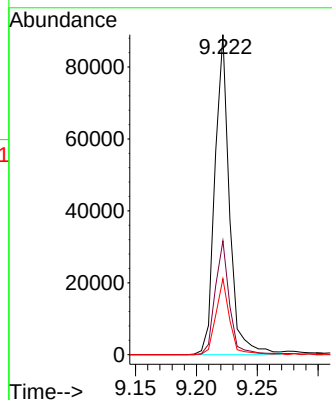
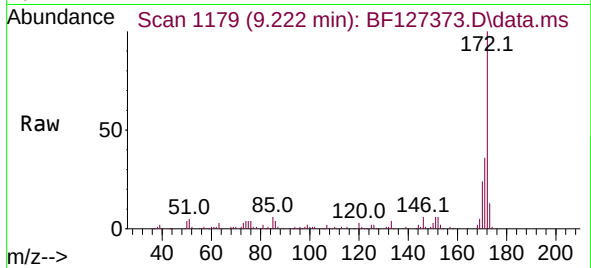




#45
2-Fluorobiphenyl
Concen: 5.280 ng
RT: 9.222 min Scan# 1181
Delta R.T. -0.012 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

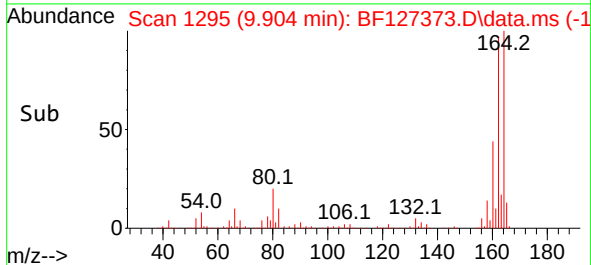
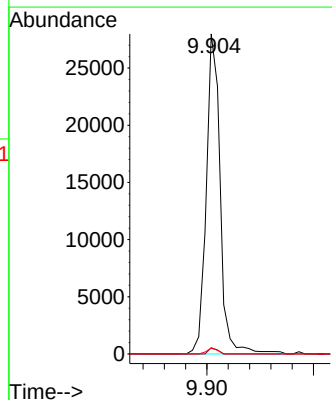
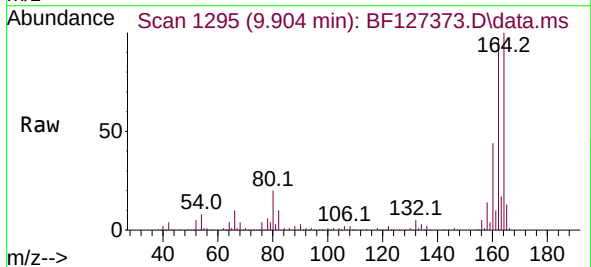
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)DL

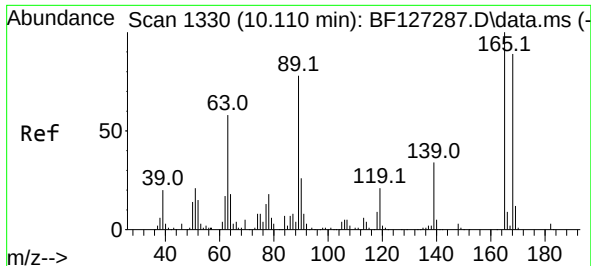
Tgt Ion:172 Resp: 74522
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.8 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.806 ng
RT: 9.904 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

Tgt Ion:165 Resp: 25468
Ion Ratio Lower Upper
165 100
63 2.0 48.4 72.6#
89 1.8 50.5 75.7#

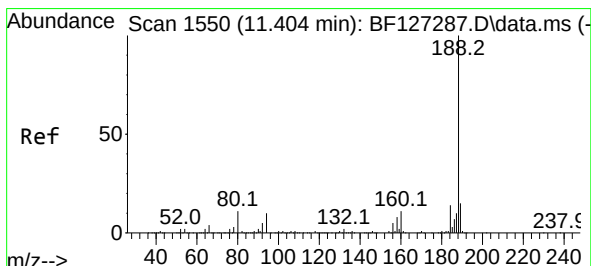
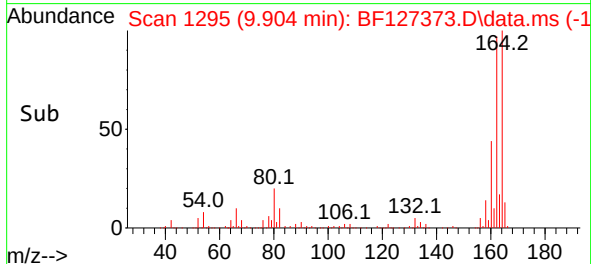
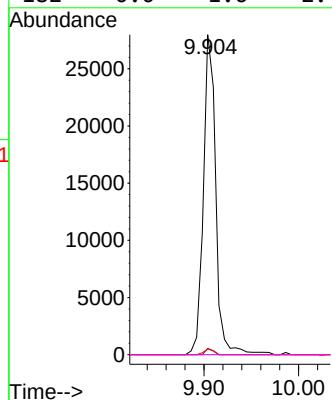
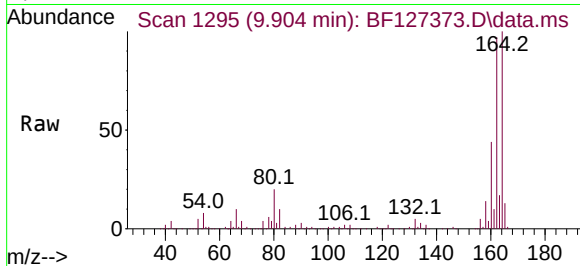




#57
2,4-Dinitrotoluene
Concen: 6.693 ng
RT: 9.904 min Scan# 1549
Delta R.T. -0.206 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

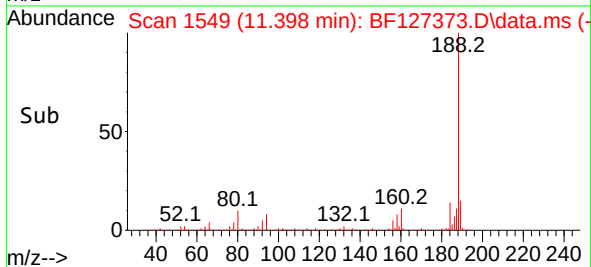
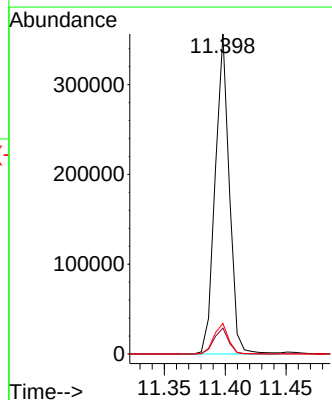
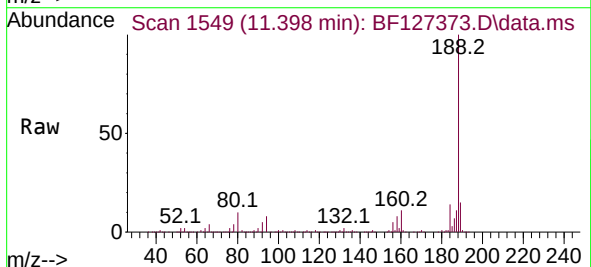
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)DL

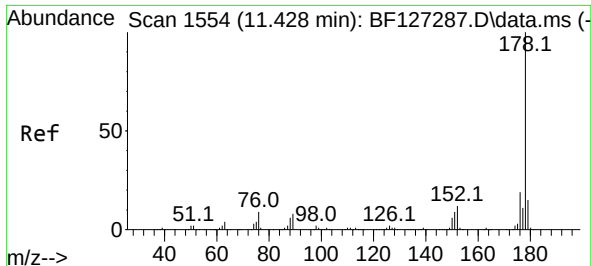
Tgt Ion:165 Resp: 25469
Ion Ratio Lower Upper
165 100
63 2.0 43.0 64.6#
89 1.8 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1549
Delta R.T. -0.006 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

Tgt Ion:188 Resp: 288357
Ion Ratio Lower Upper
188 100
94 8.1 10.1 15.1#
80 9.6 11.8 17.6#

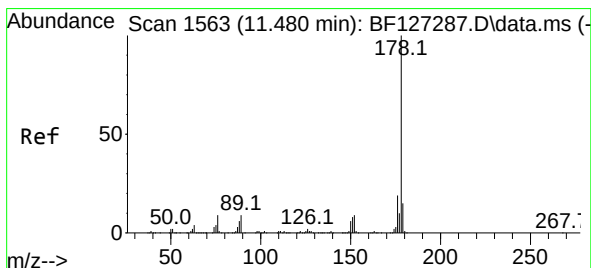
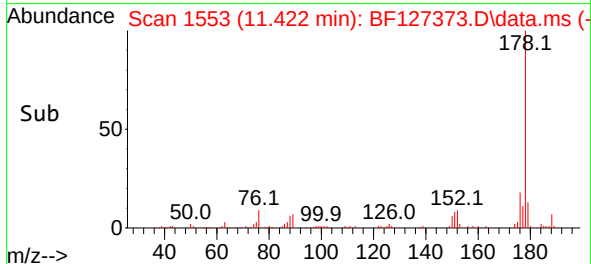
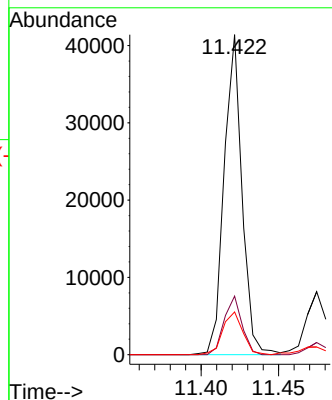
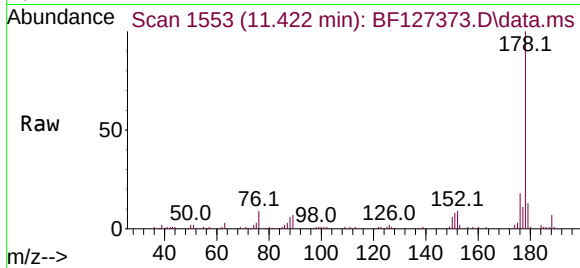




#71
Phenanthrene
Concen: 2.186 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

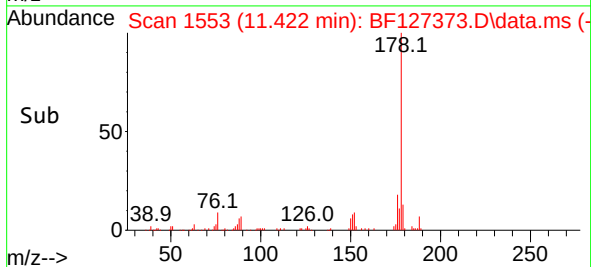
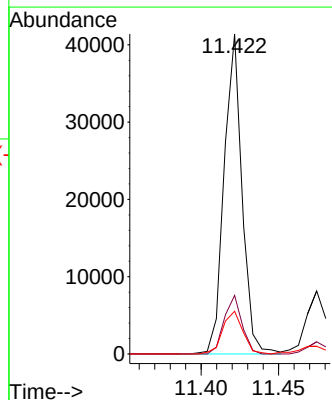
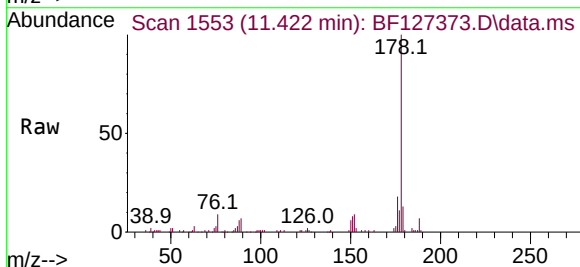
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)DL

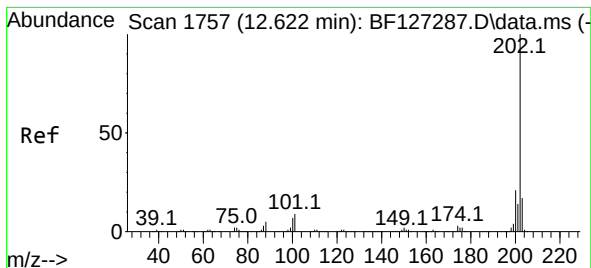
Tgt Ion:178 Resp: 33269
Ion Ratio Lower Upper
178 100
176 18.3 15.7 23.5
179 13.3 12.3 18.5



#72
Anthracene
Concen: 2.207 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.059 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

Tgt Ion:178 Resp: 33269
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 13.3 12.5 18.7





#75

Fluoranthene

Concen: 4.130 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127373.D

Acq: 17 Mar 2022 13:51

Instrument :

BNA_F

ClientSampleId :

TP1(0-10)DL

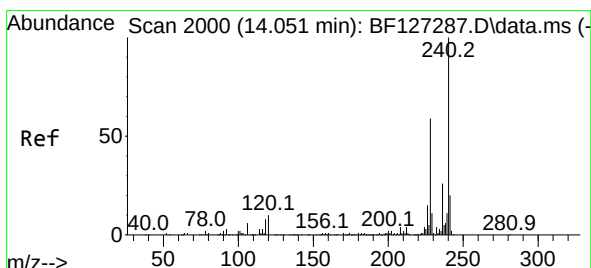
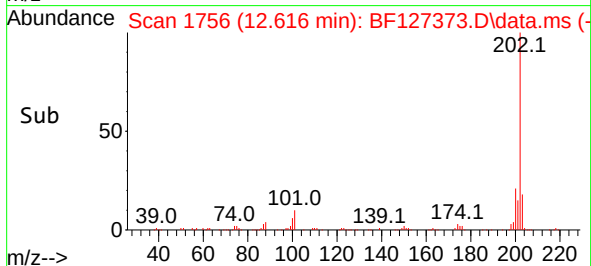
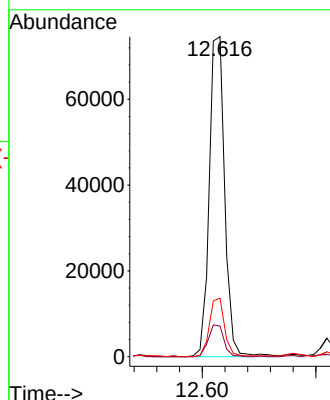
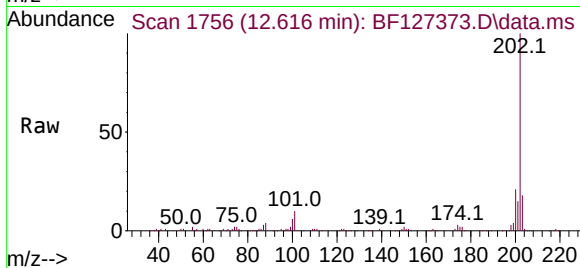
Tgt Ion:202 Resp: 70299

Ion Ratio Lower Upper

202 100

101 9.6 0.0 35.7

203 18.3 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 1999

Delta R.T. -0.006 min

Lab File: BF127373.D

Acq: 17 Mar 2022 13:51

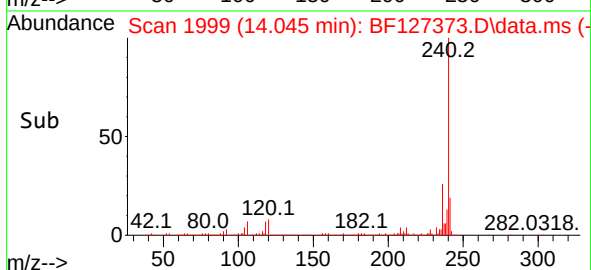
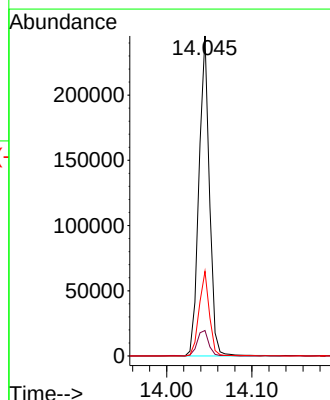
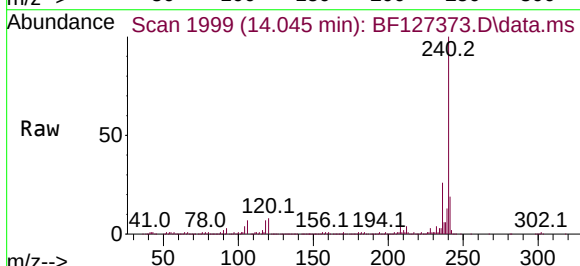
Tgt Ion:240 Resp: 210161

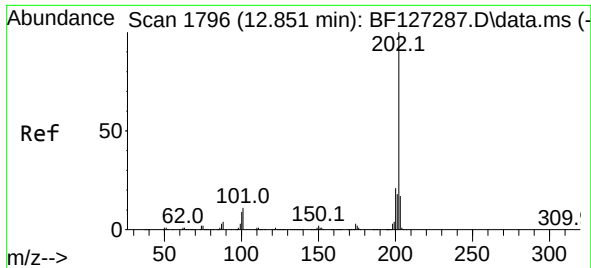
Ion Ratio Lower Upper

240 100

120 7.9 14.4 21.6#

236 26.4 20.5 30.7

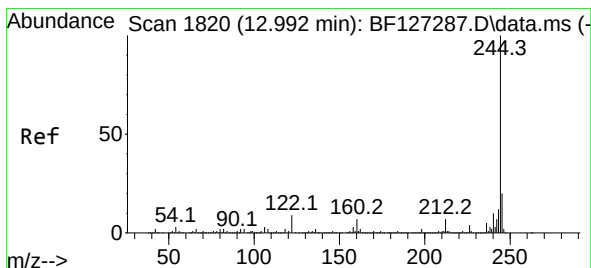
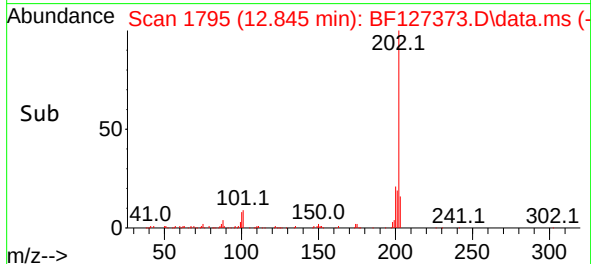
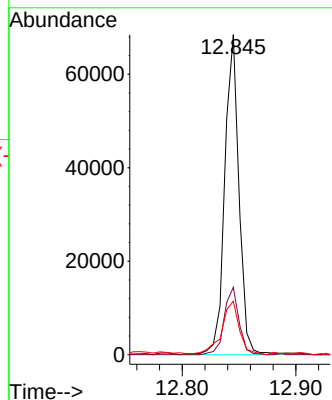
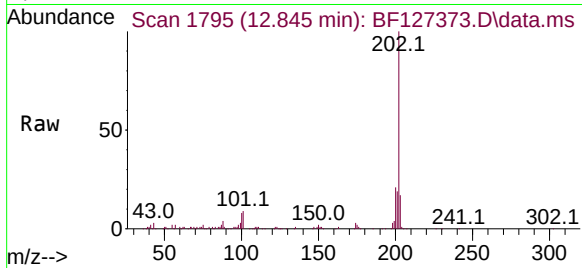




#78
Pyrene
Concen: 3.655 ng
RT: 12.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

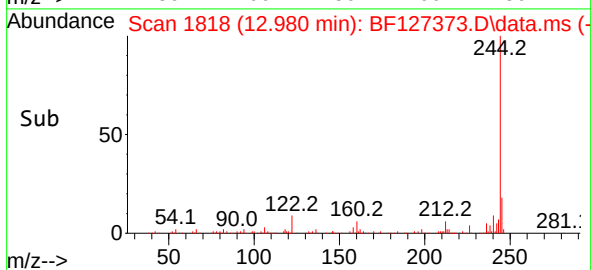
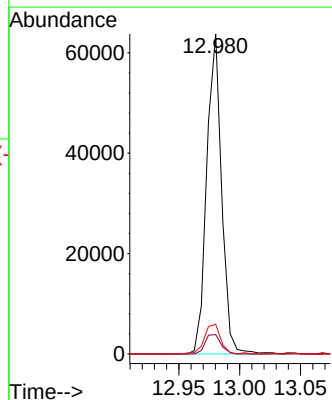
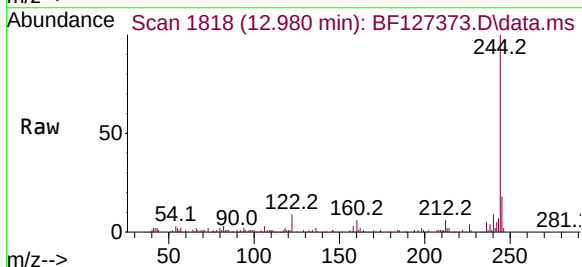
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)DL

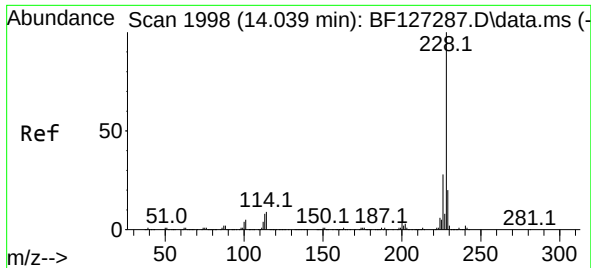
Tgt Ion:	202	Resp:	59836
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.6	24.8
203	16.7	13.8	20.8



#79
Terphenyl-d14
Concen: 4.431 ng
RT: 12.980 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

Tgt Ion:	244	Resp:	54076
Ion Ratio	Lower	Upper	
244	100		
212	6.0	5.0	7.4
122	9.2	13.3	19.9

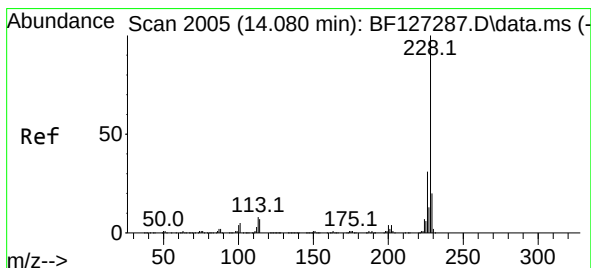
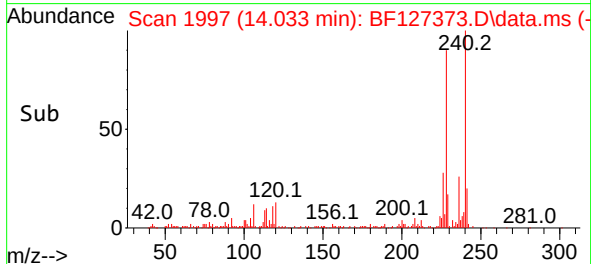
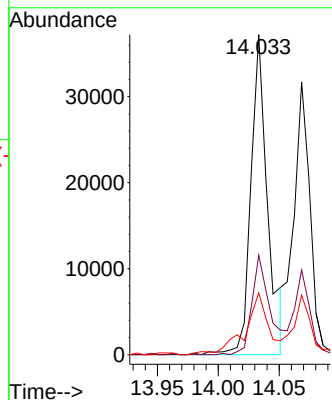
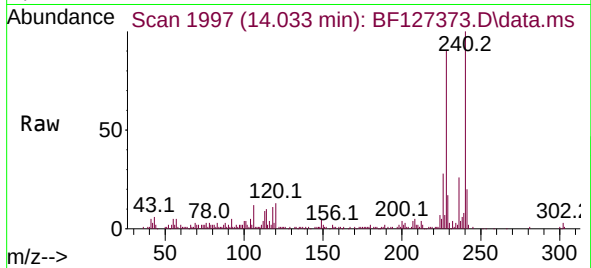




#81
Benzo(a)anthracene
Concen: 2.514 ng
RT: 14.033 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

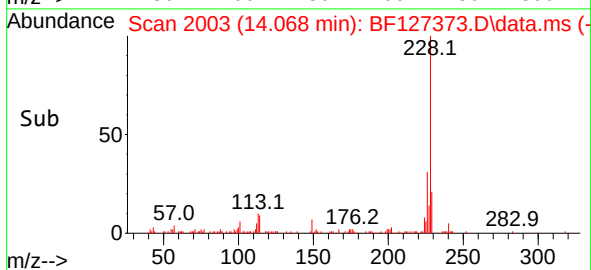
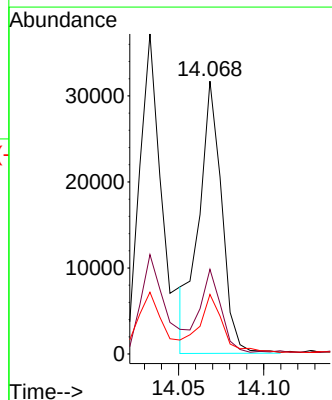
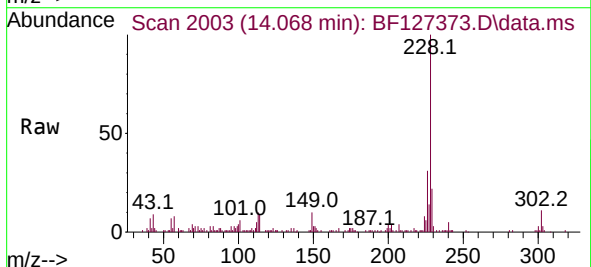
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)DL

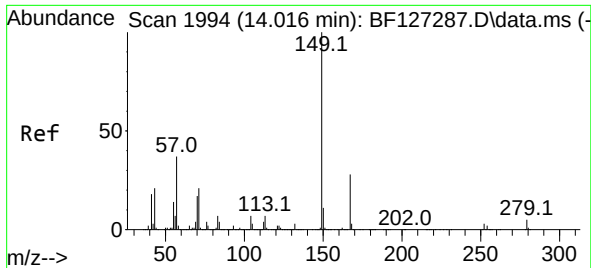
Tgt Ion:228 Resp: 35577
Ion Ratio Lower Upper
228 100
226 31.1 21.4 32.0
229 19.3 15.4 23.2



#83
Chrysene
Concen: 2.240 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

Tgt Ion:228 Resp: 29476
Ion Ratio Lower Upper
228 100
226 31.0 23.7 35.5
229 21.8 15.5 23.3

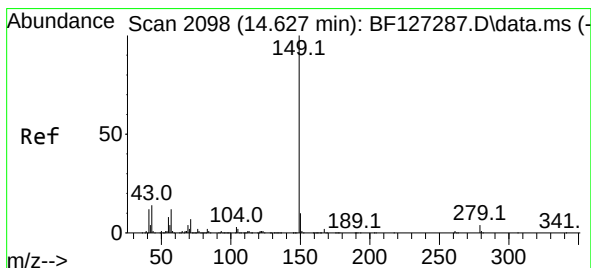
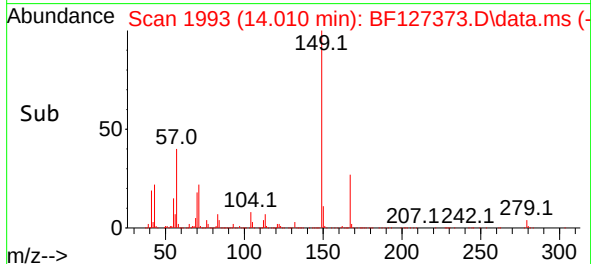
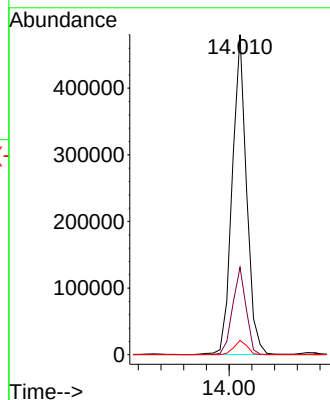
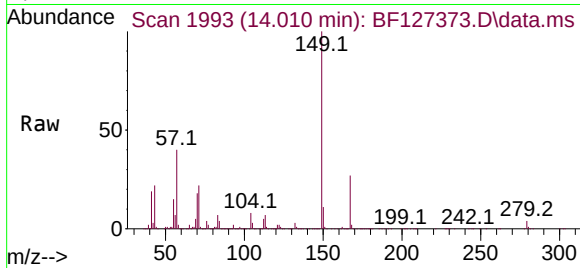




#84
Bis(2-ethylhexyl)phthalate
Concen: 49.421 ng
RT: 14.010 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

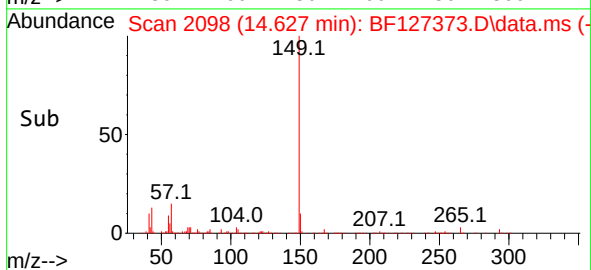
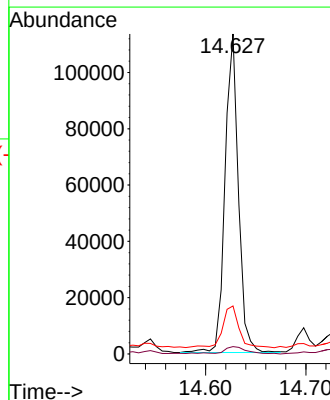
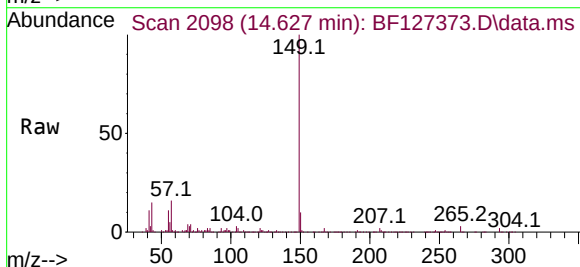
Instrument :
BNA_F
ClientSampleId :
TP1(0-10)DL

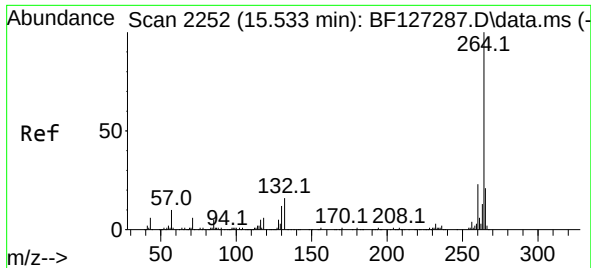
Tgt Ion:149 Resp: 419118
Ion Ratio Lower Upper
149 100
167 27.3 21.4 32.2
279 4.5 2.4 3.6#



#85
Di-n-octyl phthalate
Concen: 8.121 ng
RT: 14.627 min Scan# 2098
Delta R.T. -0.000 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

Tgt Ion:149 Resp: 104241
Ion Ratio Lower Upper
149 100
167 4.4 1.1 1.7#
43 16.2 9.9 14.9#



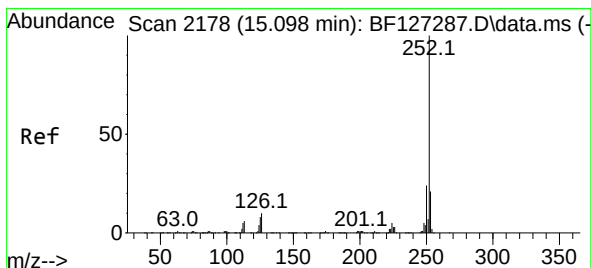
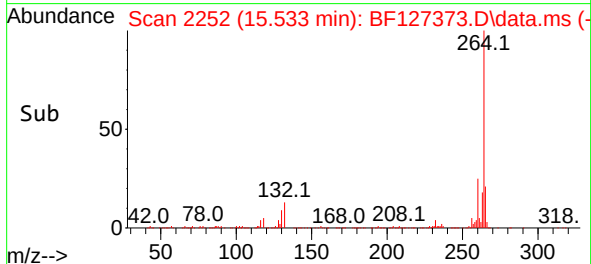
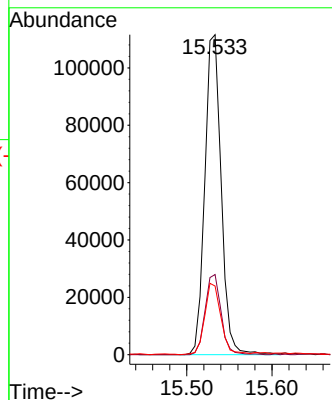
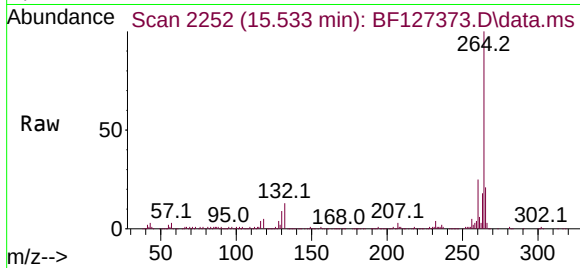


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

Instrument :
BNA_F
ClientSampleId :
TP1(0-10)DL

Tgt Ion:264 Resp: 148928

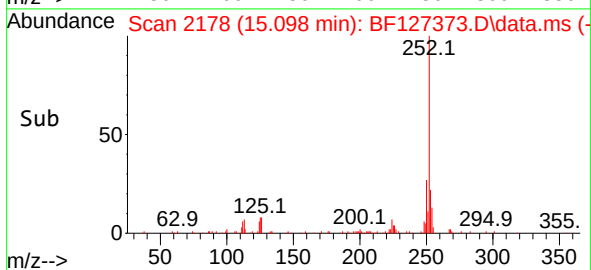
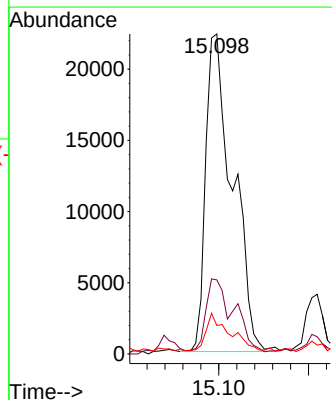
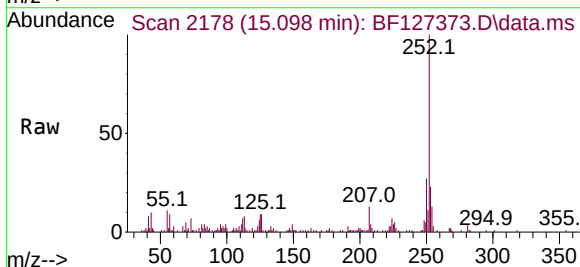
Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.5	17.4	26.2

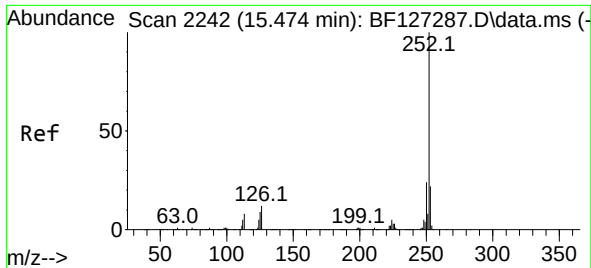


#88
Benzo(b)fluoranthene
Concen: 4.762 ng
RT: 15.098 min Scan# 2178
Delta R.T. -0.000 min
Lab File: BF127373.D
Acq: 17 Mar 2022 13:51

Tgt Ion:252 Resp: 46550

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	8.9	12.4	18.6





#90
 Benzo(a)pyrene
 Concen: 2.060 ng
 RT: 15.404 min Scan# 21
 Delta R.T. -0.071 min
 Lab File: BF127373.D
 Acq: 17 Mar 2022 13:51

Instrument :
 BNA_F
 ClientSampleId :
 TP1(0-10)DL

Tgt Ion:252 Resp: 15856
 Ion Ratio Lower Upper
 252 100
 253 25.2 17.1 25.7
 125 15.1 13.0 19.6

