

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
 Data File : BF128295.D
 Acq On : 17 May 2022 17:13
 Operator : CG\JU
 Sample : N2879-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-0516

Quant Time: May 18 01:34:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

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

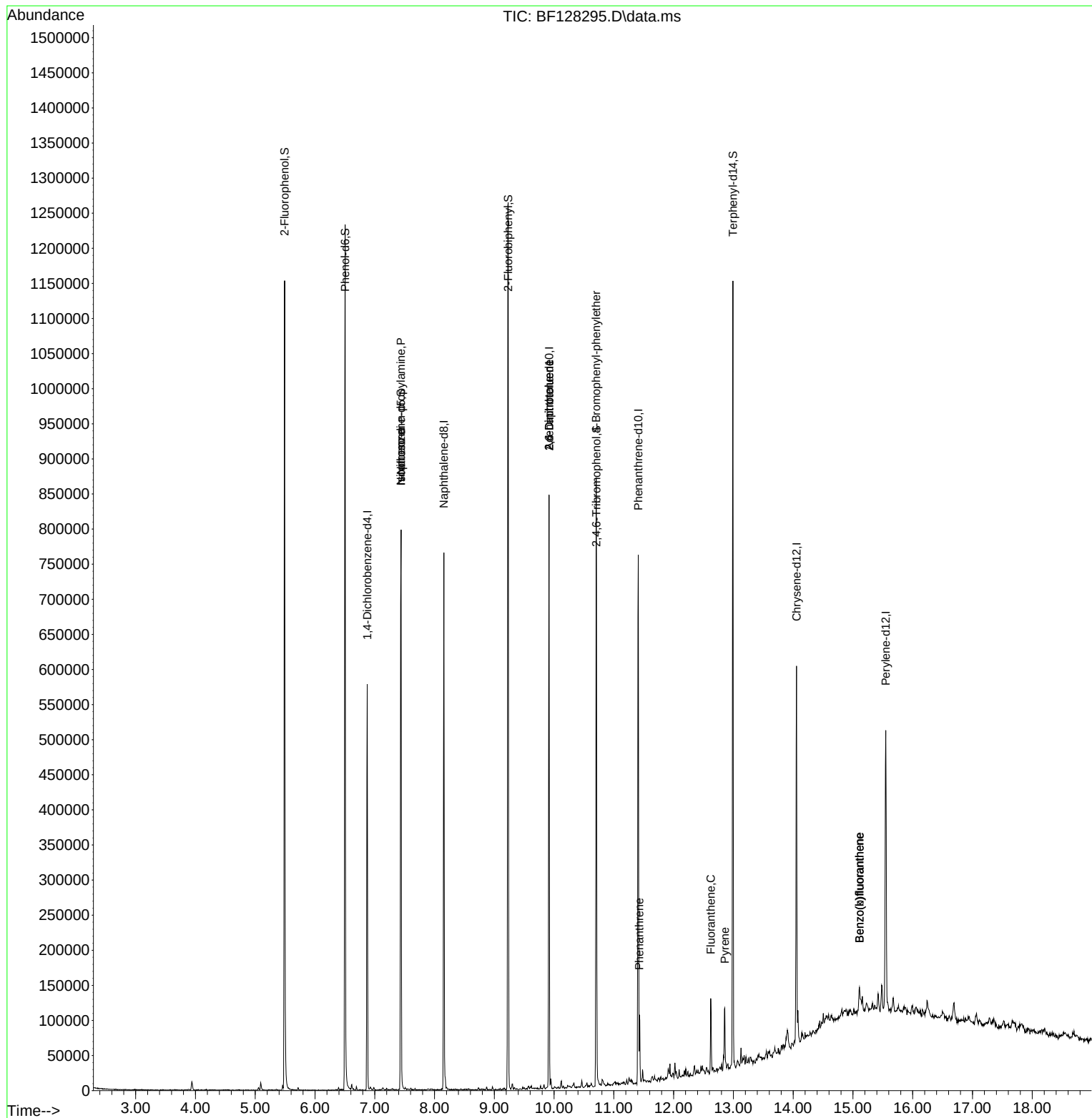
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	73971	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	287442	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	155684	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	268413	20.000	ng	0.00
76) Chrysene-d12	14.057	240	170420	20.000	ng	0.00
86) Perylene-d12	15.551	264	176239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	277205	59.740	ng	0.00
7) Phenol-d6	6.504	99	360124	58.677	ng	-0.01
23) Nitrobenzene-d5	7.439	82	249402	39.042	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	94226	52.773	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	391205	39.318	ng	0.00
79) Terphenyl-d14	12.992	244	345971	38.093	ng	-0.01
Target Compounds					Qvalue	
9) Benzaldehyde	6.434	77	62	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.439	70	33695	8.915	ng	# 76
25) Isophorone	7.439	82	249400	24.903	ng	# 68
51) 2,6-Dinitrotoluene	9.916	165	20087	9.115	ng	# 22
57) 2,4-Dinitrotoluene	9.916	165	20087	6.816	ng	# 26
67) 4-Bromophenyl-phenylether	10.704	248	5836	2.021	ng	# 1
71) Phenanthrene	11.427	178	34133	2.554	ng	99
75) Fluoranthene	12.622	202	38326	2.645	ng	99
78) Pyrene	12.857	202	37293	3.018	ng	98
88) Benzo(b)fluoranthene	15.110	252	25794	2.361	ng	# 88
89) Benzo(k)fluoranthene	15.110	252	25794	2.392	ng	# 86

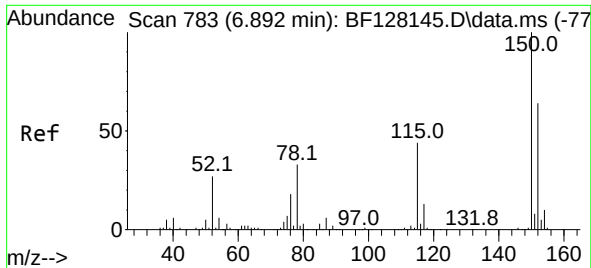
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
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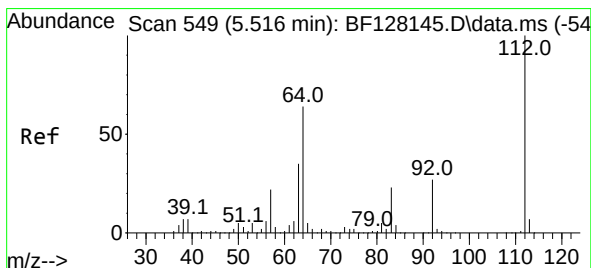
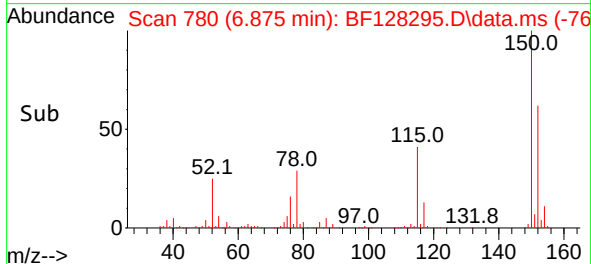
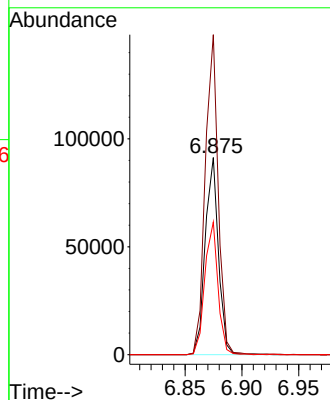
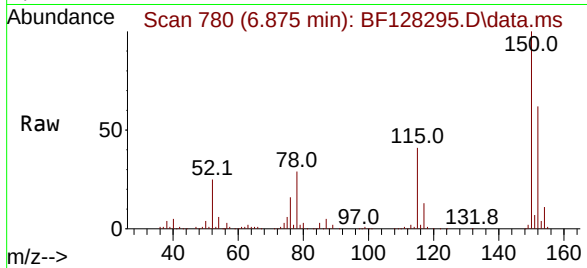




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

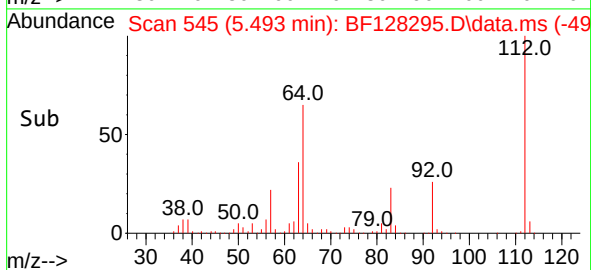
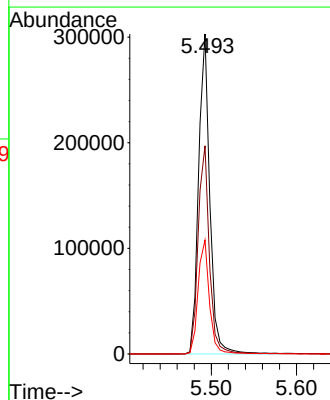
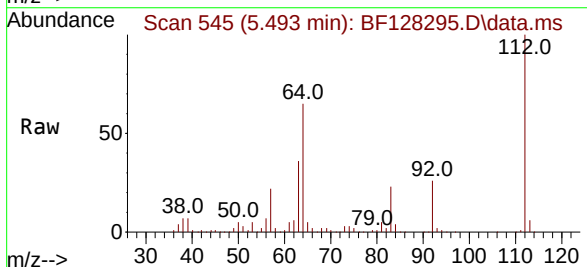
Instrument :
BNA_F
ClientSampleId :
TP-3-0516

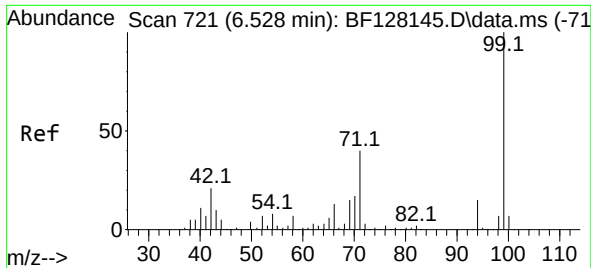
Tgt Ion:152 Resp: 73971
Ion Ratio Lower Upper
152 100
150 162.3 125.3 187.9
115 67.3 48.8 73.2



#5
2-Fluorophenol
Concen: 59.740 ng
RT: 5.493 min Scan# 545
Delta R.T. -0.006 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

Tgt Ion:112 Resp: 277205
Ion Ratio Lower Upper
112 100
64 65.0 49.5 74.3
63 35.6 26.3 39.5

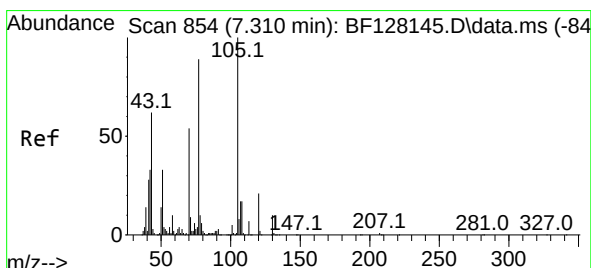
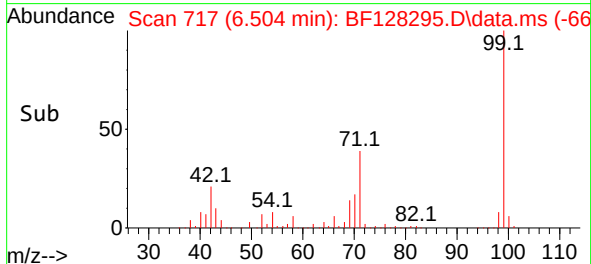
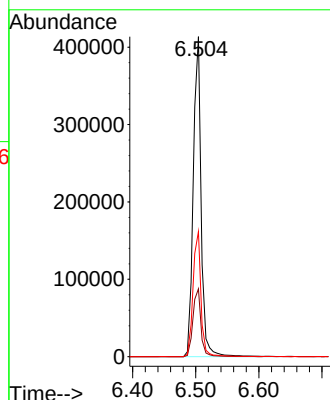
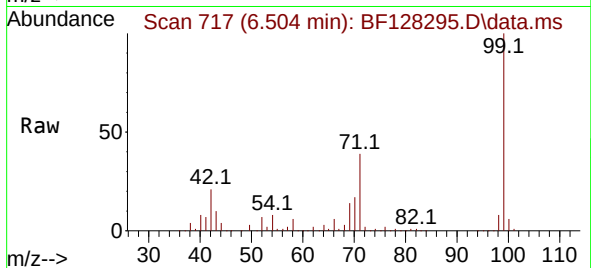




#7
Phenol-d6
Concen: 58.677 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

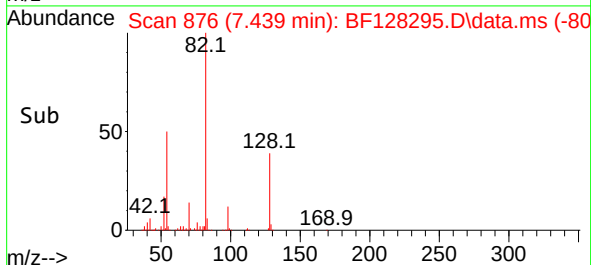
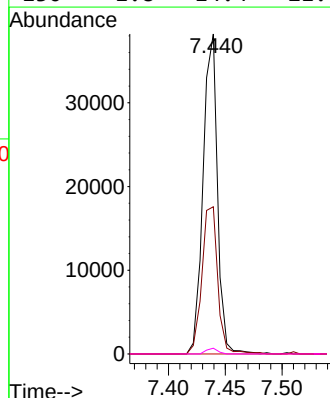
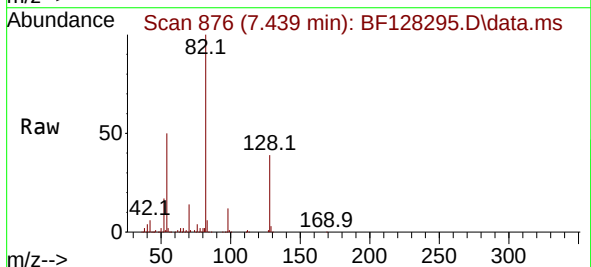
Instrument :
BNA_F
ClientSampleId :
TP-3-0516

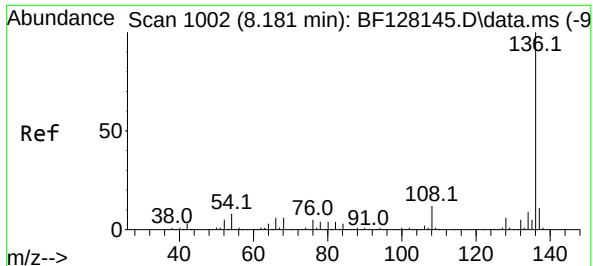
Tgt Ion: 99 Resp: 360124
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 39.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 8.915 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.141 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

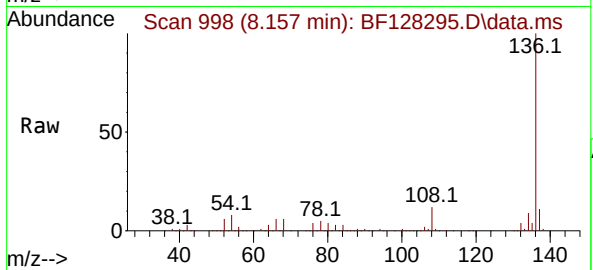
Tgt Ion: 70 Resp: 33695
Ion Ratio Lower Upper
70 100
42 46.0 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#





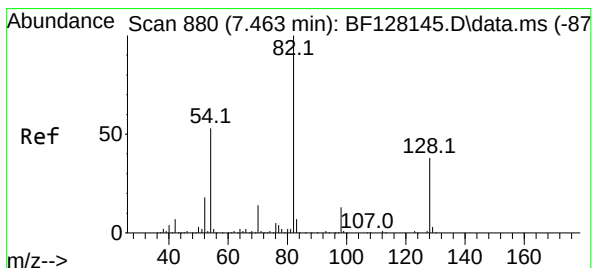
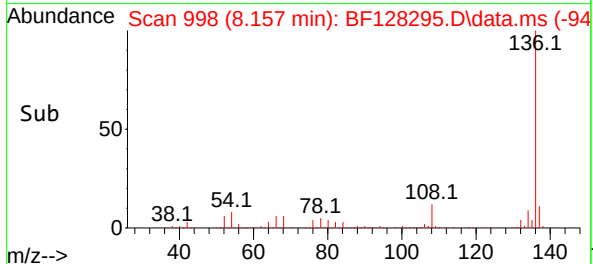
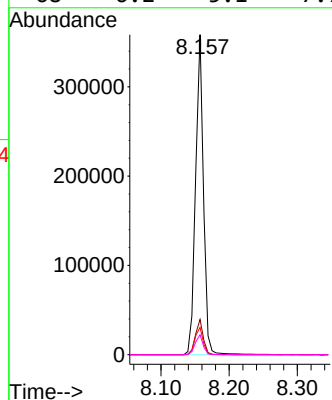
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

Instrument :
BNA_F
ClientSampleId :
TP-3-0516



Tgt Ion:136 Resp: 287442

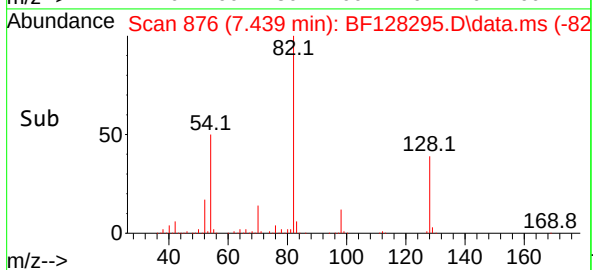
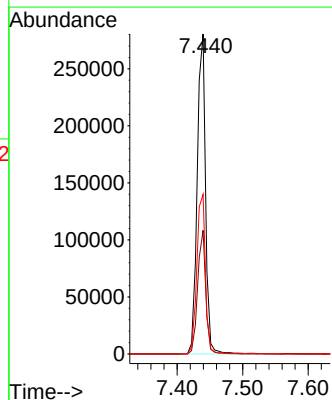
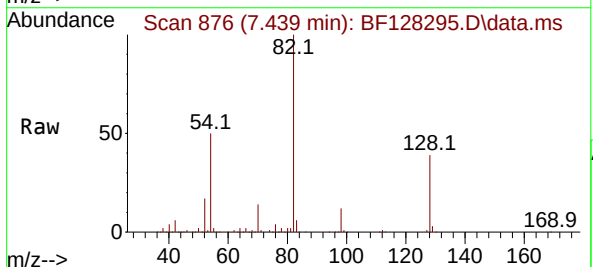
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.5	6.8	10.2
68	6.2	5.1	7.7

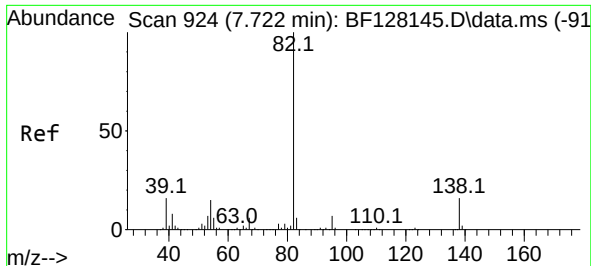


#23
Nitrobenzene-d5
Concen: 39.042 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

Tgt Ion: 82 Resp: 249402

Ion	Ratio	Lower	Upper
82	100		
128	38.7	30.0	45.0
54	49.9	41.3	61.9

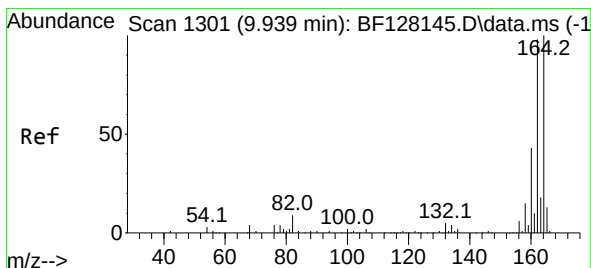
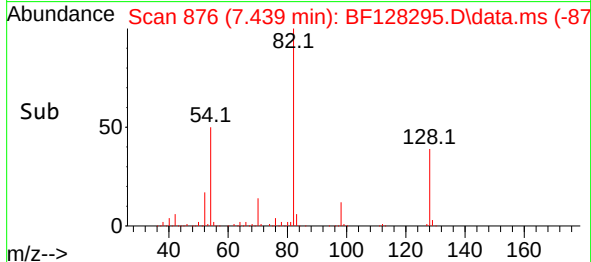
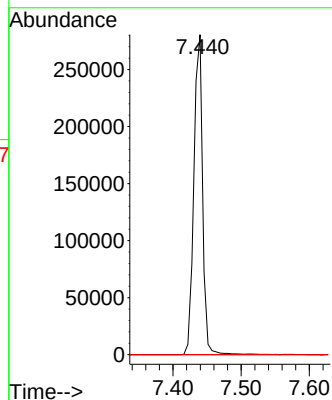
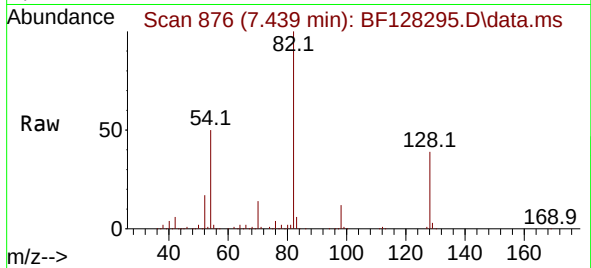




#25
Isophorone
Concen: 24.903 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

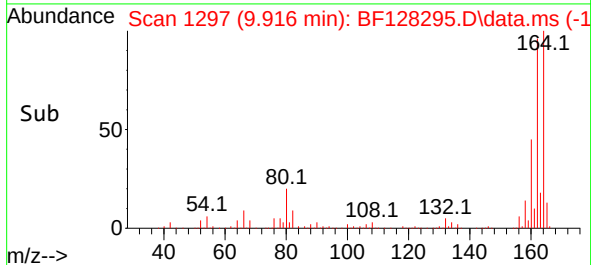
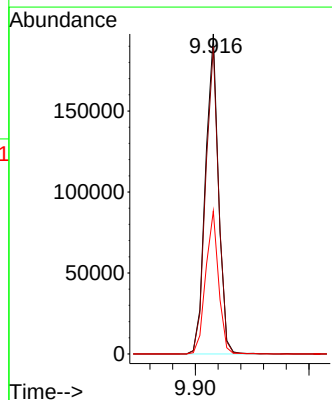
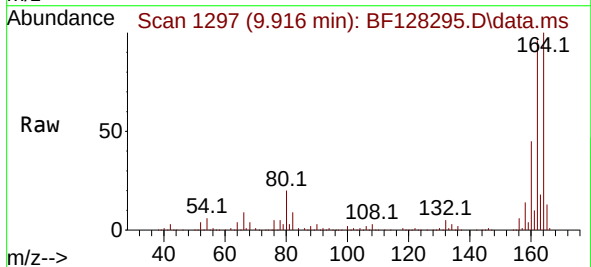
Instrument :
BNA_F
ClientSampleId :
TP-3-0516

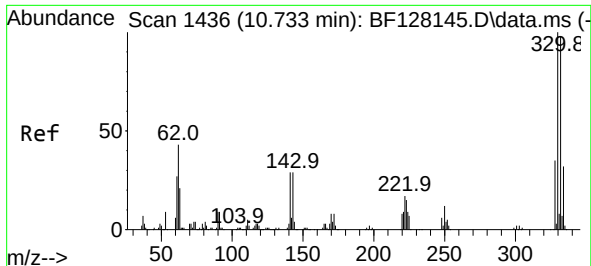
Tgt Ion: 82 Resp: 249400
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

Tgt Ion:164 Resp: 155684
Ion Ratio Lower Upper
164 100
162 96.0 76.0 114.0
160 44.6 34.8 52.2

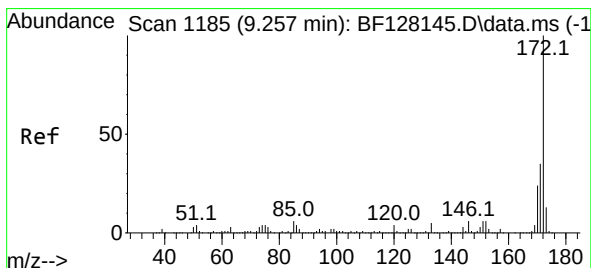
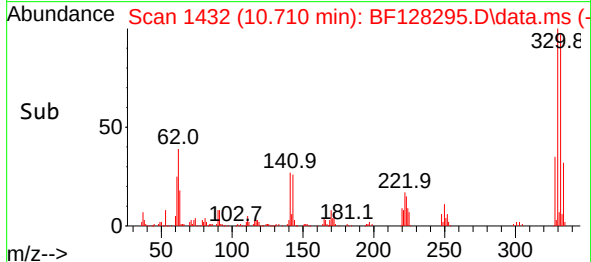
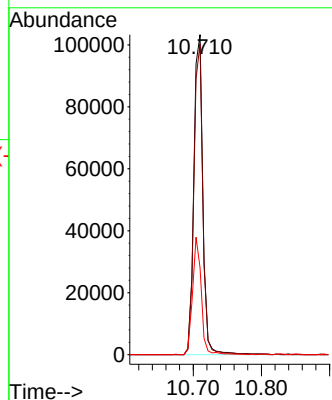
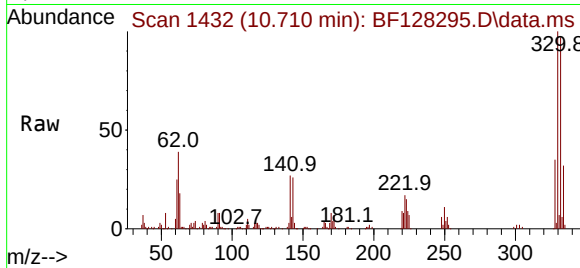




#42
 2,4,6-Tribromophenol
 Concen: 52.773 ng
 RT: 10.710 min Scan# 1436
 Delta R.T. -0.006 min
 Lab File: BF128295.D
 Acq: 17 May 2022 17:13

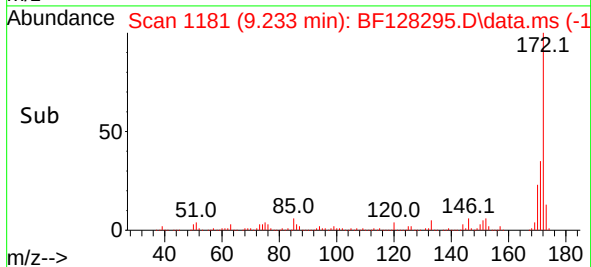
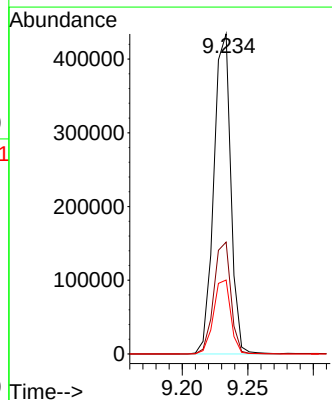
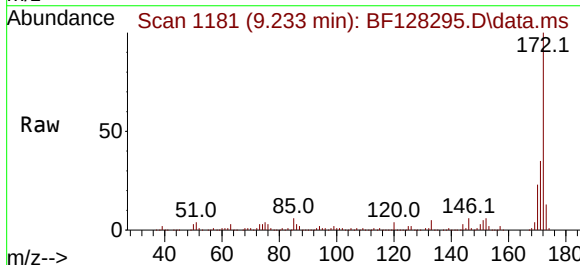
Instrument :
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 TP-3-0516

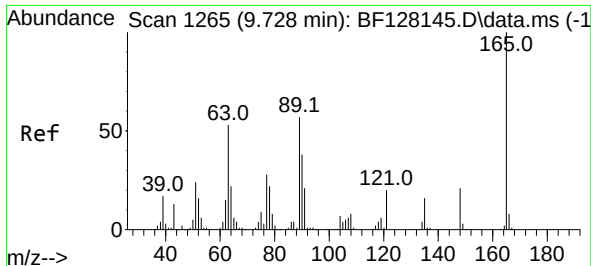
Tgt Ion:330 Resp: 94226
 Ion Ratio Lower Upper
 330 100
 332 96.1 79.0 118.4
 141 35.3 28.9 43.3



#45
 2-Fluorobiphenyl
 Concen: 39.318 ng
 RT: 9.233 min Scan# 1181
 Delta R.T. -0.006 min
 Lab File: BF128295.D
 Acq: 17 May 2022 17:13

Tgt Ion:172 Resp: 391205
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 42.8
 170 23.1 19.1 28.7

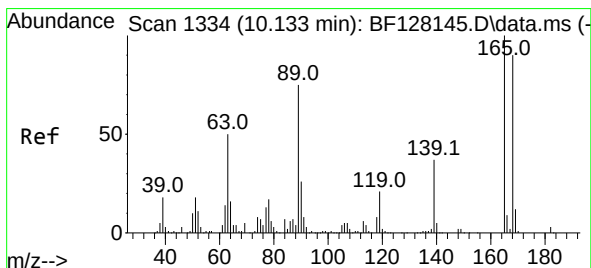
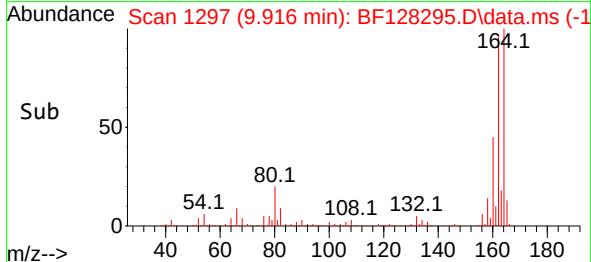
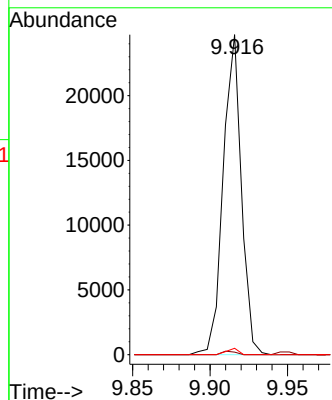
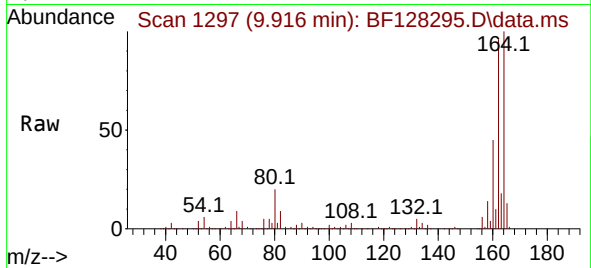




#51
2,6-Dinitrotoluene
Concen: 9.115 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.206 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

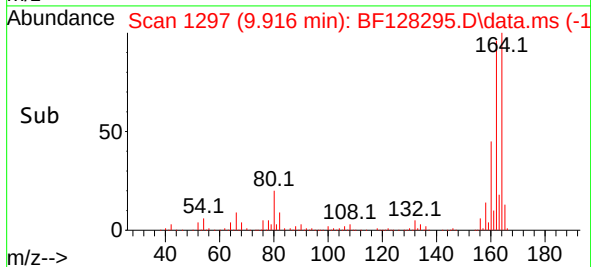
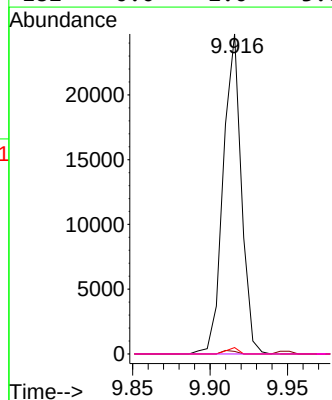
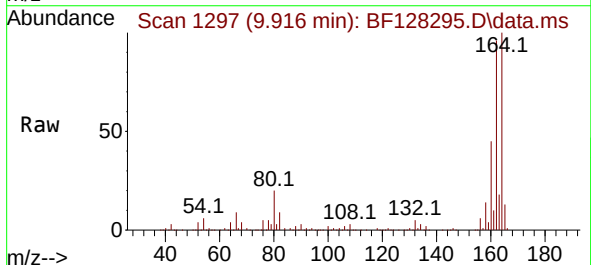
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TP-3-0516

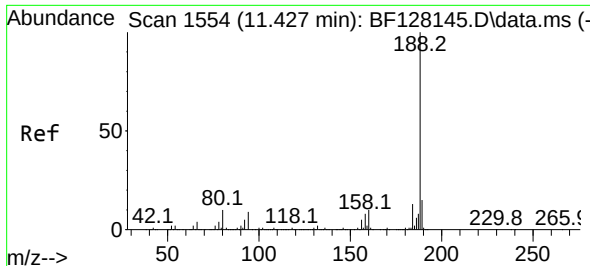
Tgt Ion:165 Resp: 20087
Ion Ratio Lower Upper
165 100
63 0.8 49.5 74.3#
89 2.0 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.816 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.206 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

Tgt Ion:165 Resp: 20087
Ion Ratio Lower Upper
165 100
63 0.8 32.6 49.0#
89 2.0 55.2 82.8#
182 0.0 2.0 3.0#

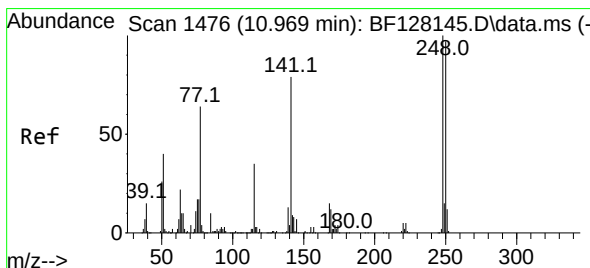
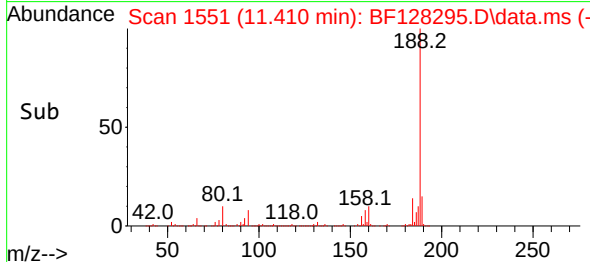
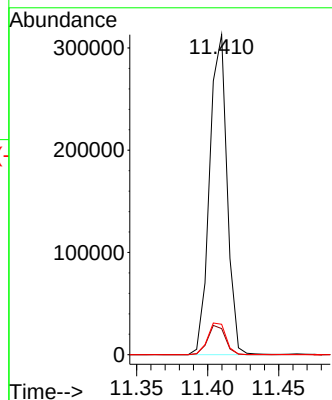
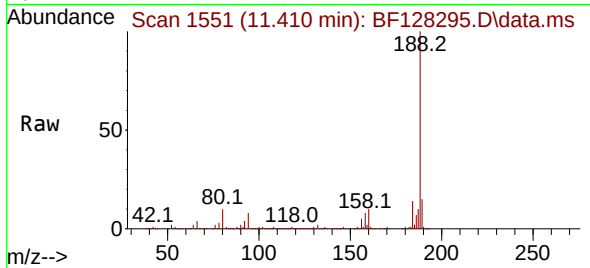




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

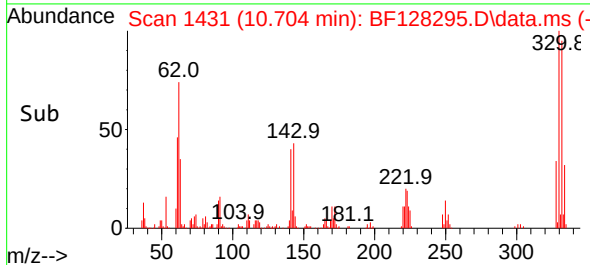
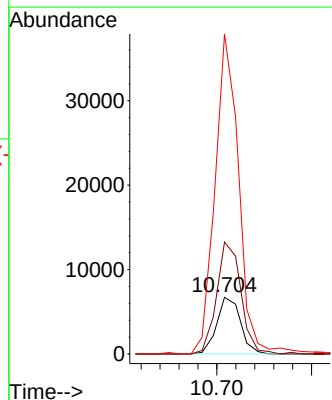
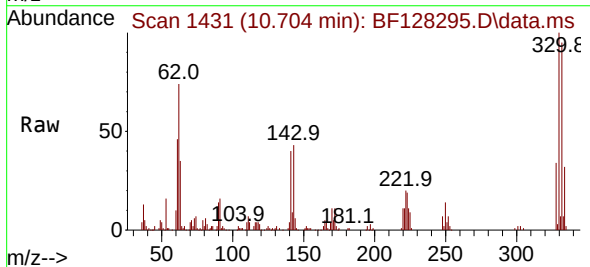
Instrument :
BNA_F
ClientSampleId :
TP-3-0516

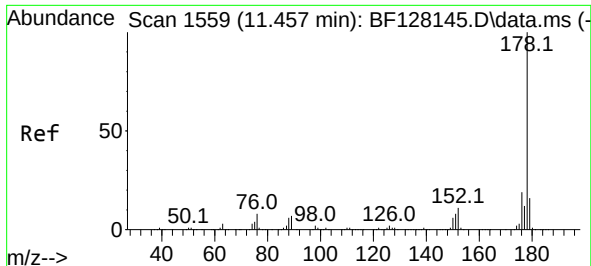
Tgt Ion:188 Resp: 268413
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 9.5 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.021 ng
RT: 10.704 min Scan# 1431
Delta R.T. -0.253 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

Tgt Ion:248 Resp: 5836
Ion Ratio Lower Upper
248 100
250 197.6 77.7 116.5#
141 564.7 65.6 98.4#

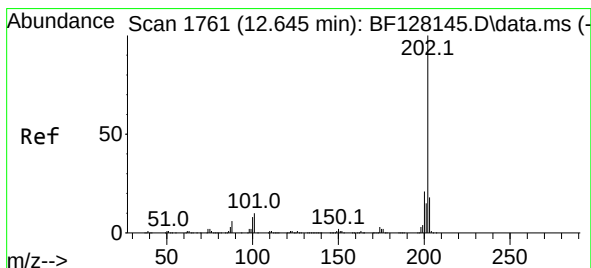
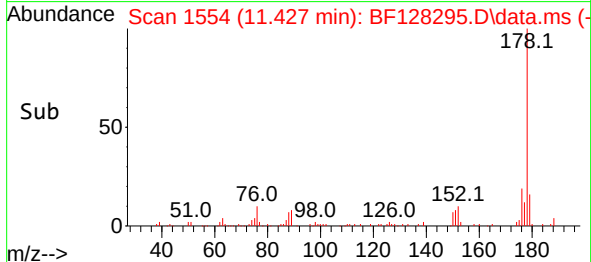
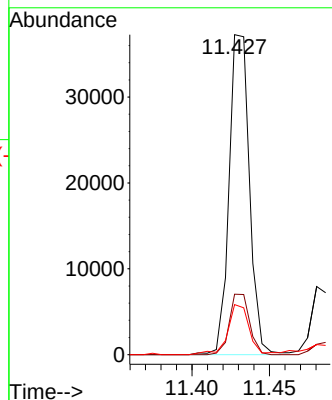
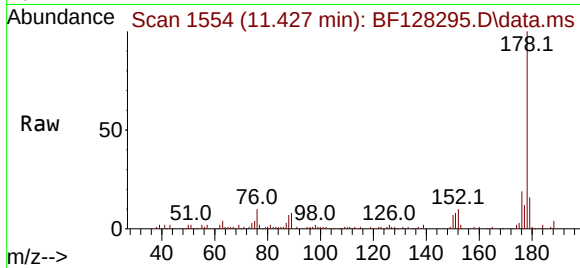




#71
Phenanthrene
Concen: 2.554 ng
RT: 11.427 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

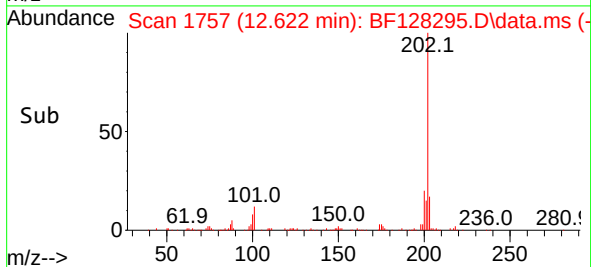
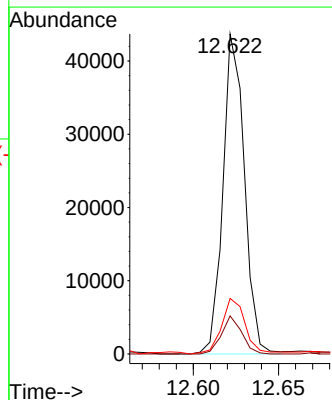
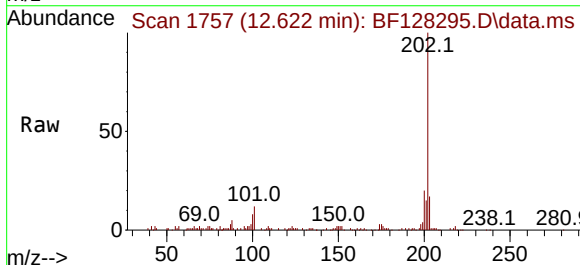
Instrument :
BNA_F
ClientSampleId :
TP-3-0516

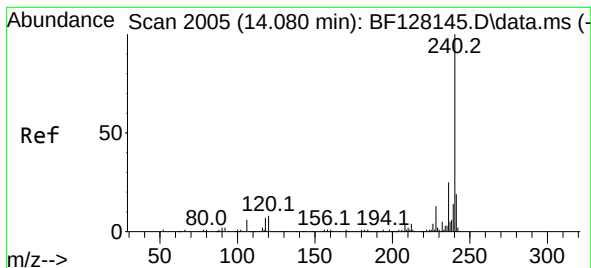
Tgt Ion:178 Resp: 34133
Ion Ratio Lower Upper
178 100
176 18.9 15.7 23.5
179 15.7 12.6 19.0



#75
Fluoranthene
Concen: 2.645 ng
RT: 12.622 min Scan# 1757
Delta R.T. -0.012 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

Tgt Ion:202 Resp: 38326
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.6
203 17.3 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2001

Delta R.T. -0.006 min

Lab File: BF128295.D

Acq: 17 May 2022 17:13

Instrument :

BNA_F

ClientSampleId :

TP-3-0516

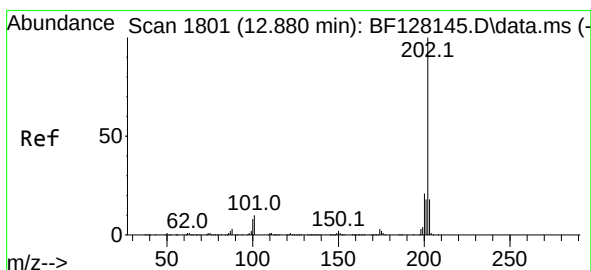
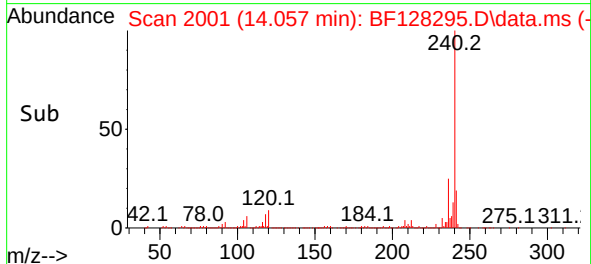
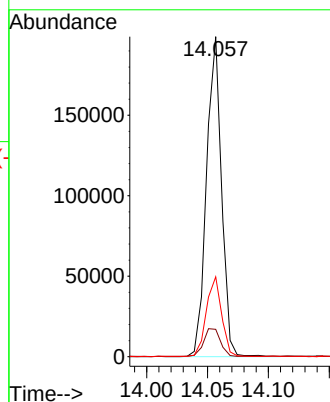
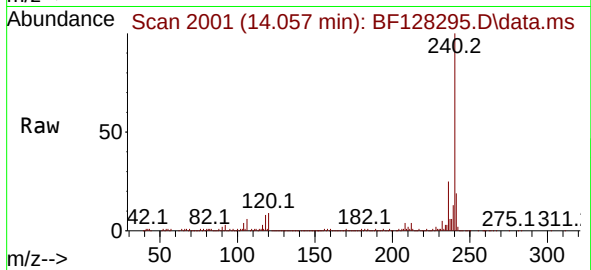
Tgt Ion:240 Resp: 170420

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

236 24.9 20.3 30.5



#78

Pyrene

Concen: 3.018 ng

RT: 12.857 min Scan# 1797

Delta R.T. -0.006 min

Lab File: BF128295.D

Acq: 17 May 2022 17:13

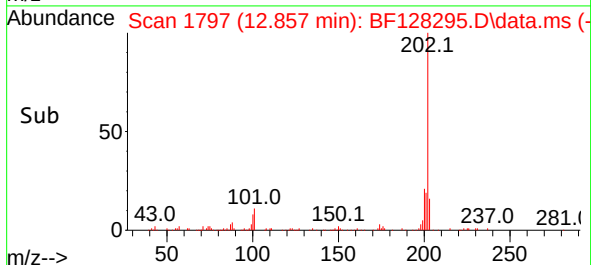
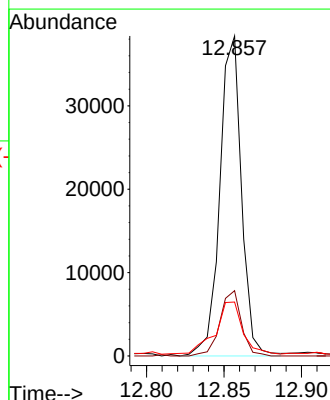
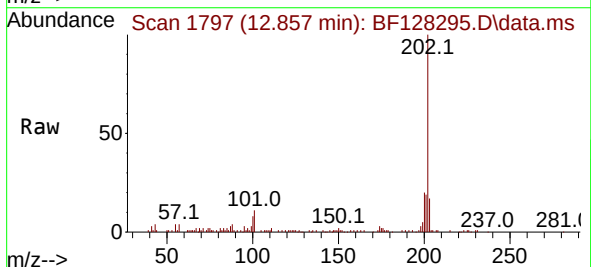
Tgt Ion:202 Resp: 37293

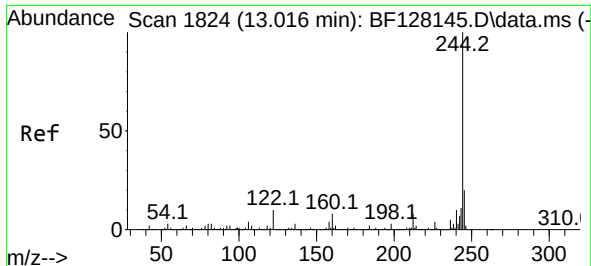
Ion Ratio Lower Upper

202 100

200 20.4 17.4 26.2

203 16.9 14.0 21.0

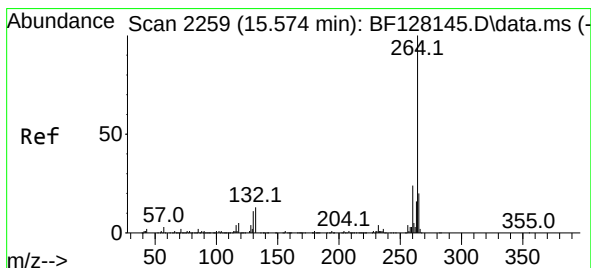
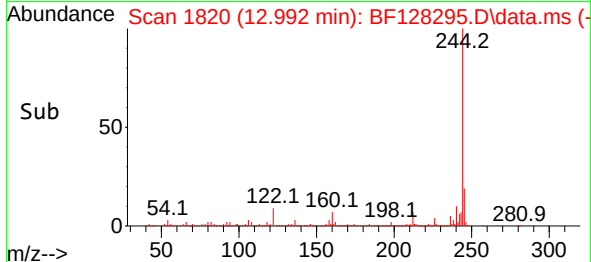
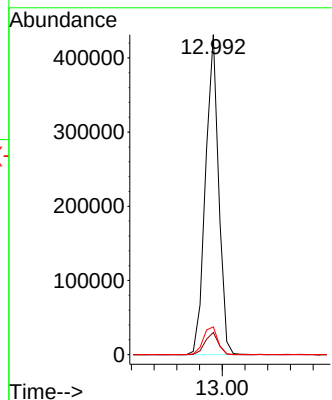
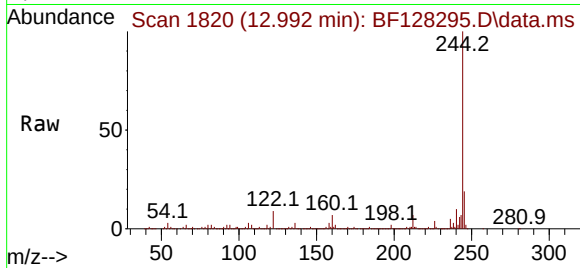




#79
 Terphenyl-d14
 Concen: 38.093 ng
 RT: 12.992 min Scan# 1824
 Delta R.T. -0.012 min
 Lab File: BF128295.D
 Acq: 17 May 2022 17:13

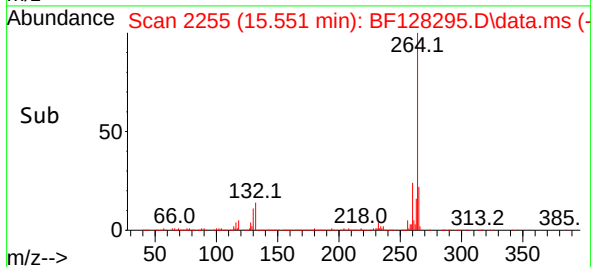
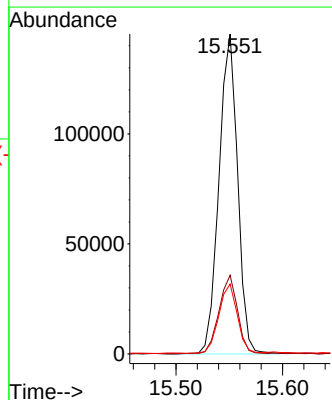
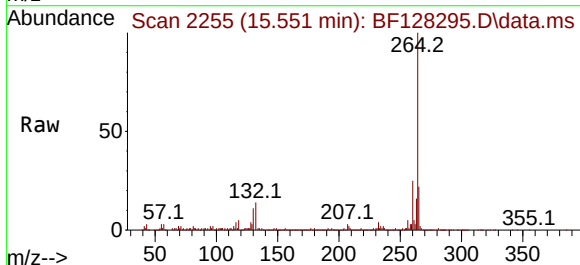
Instrument :
 BNA_F
 ClientSampleId :
 TP-3-0516

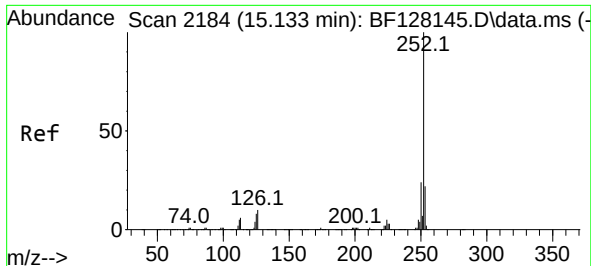
Tgt Ion:244 Resp: 345971
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.4
 122 8.7 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2255
 Delta R.T. -0.006 min
 Lab File: BF128295.D
 Acq: 17 May 2022 17:13

Tgt Ion:264 Resp: 176239
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.1 30.1
 265 21.9 17.5 26.3

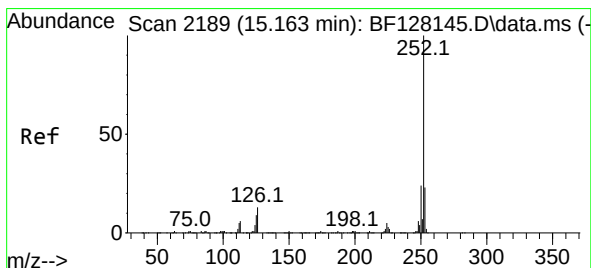
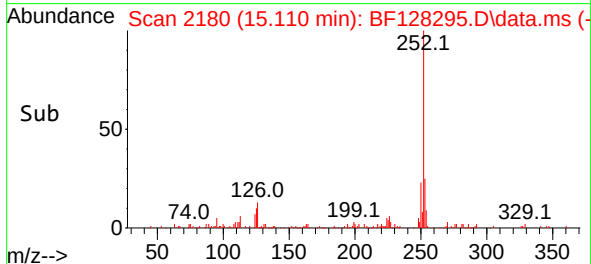
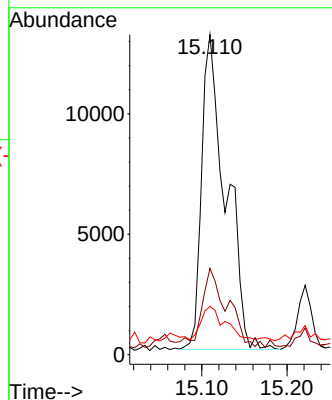
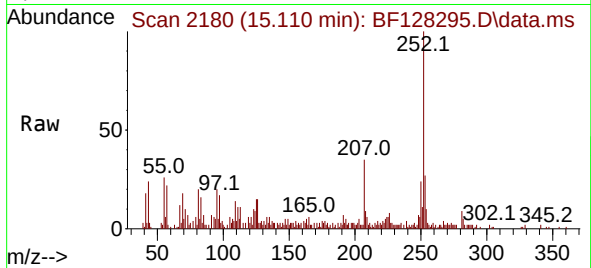




#88
Benzo(b)fluoranthene
Concen: 2.361 ng
RT: 15.110 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

Instrument :
BNA_F
ClientSampleId :
TP-3-0516

Tgt Ion:252 Resp: 25794
Ion Ratio Lower Upper
252 100
253 26.9 17.4 26.2#
125 15.1 7.4 11.2#



#89
Benzo(k)fluoranthene
Concen: 2.392 ng
RT: 15.110 min Scan# 2180
Delta R.T. -0.041 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

Tgt Ion:252 Resp: 25794
Ion Ratio Lower Upper
252 100
253 26.9 17.0 25.4#
125 15.1 6.8 10.2#

