

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)

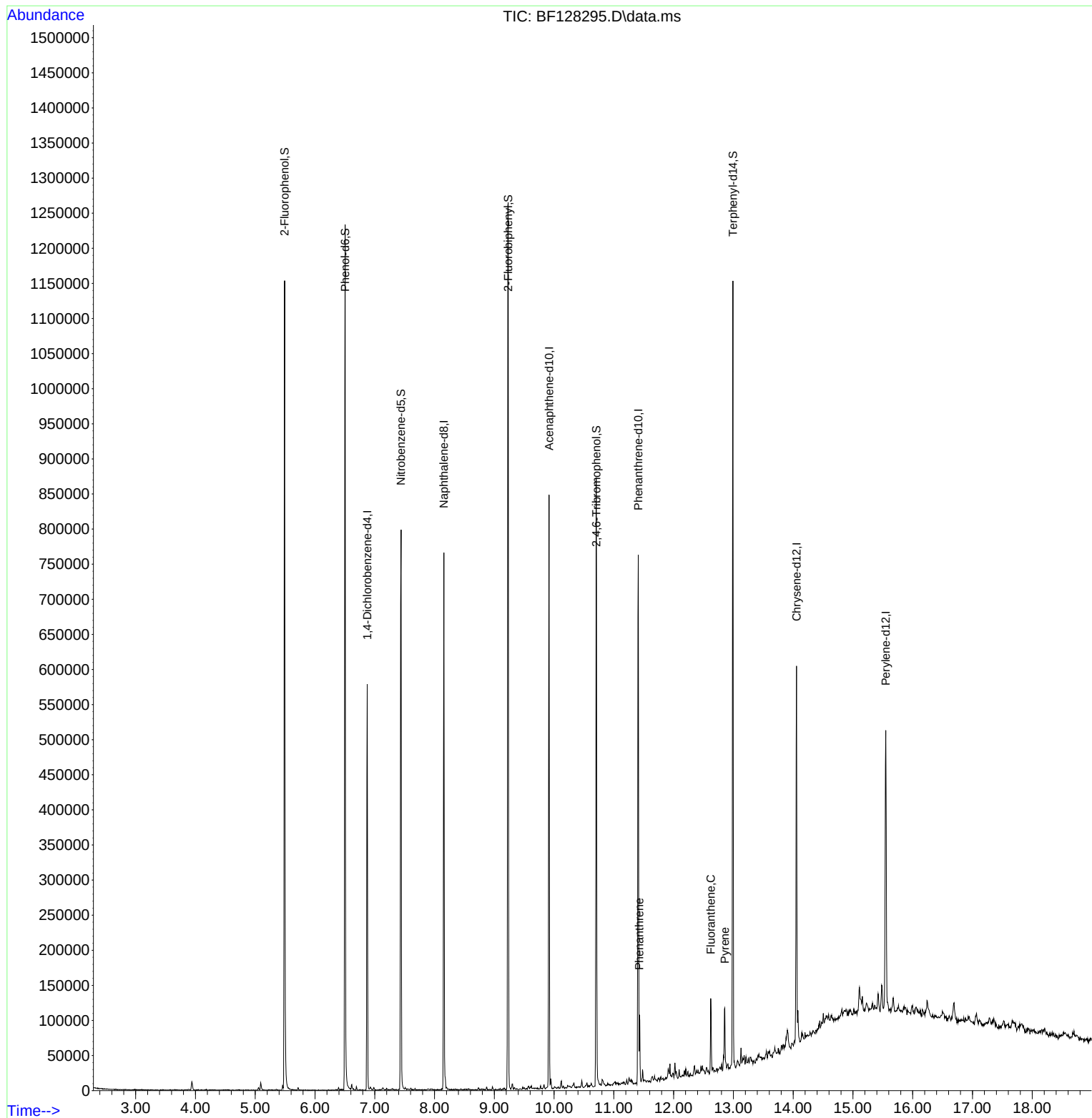
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	73971	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	287442	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	155684	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	268413	20.000	ng	0.00
76) Chrysene-d12	14.057	240	170420	20.000	ng	0.00
86) Perylene-d12	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
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

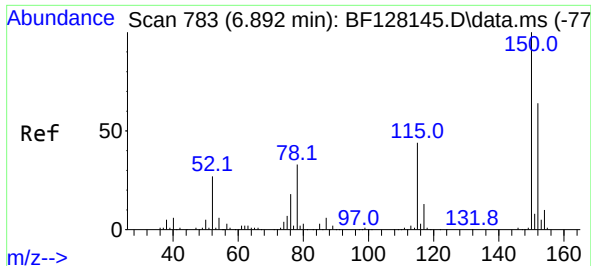
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
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QLast Update : Wed May 18 01:31:11 2022
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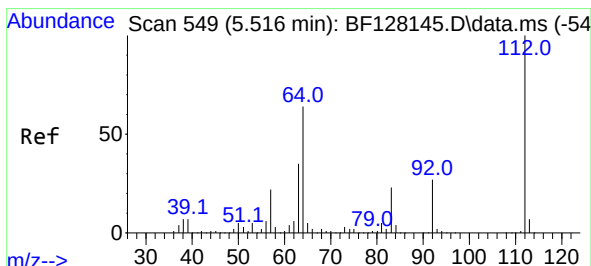
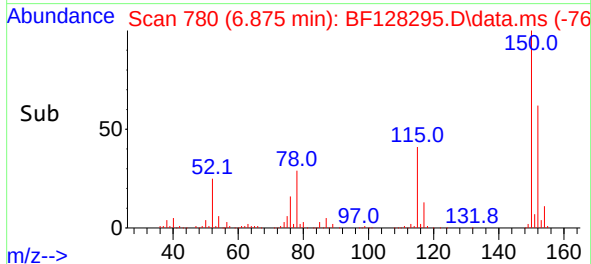
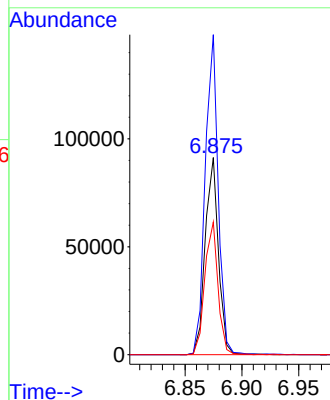
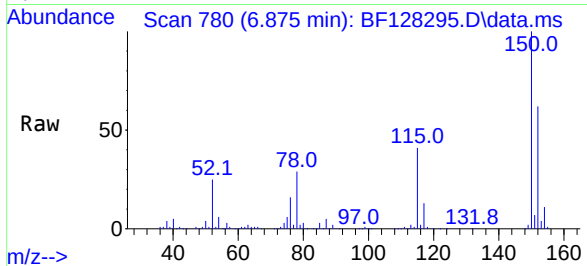




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

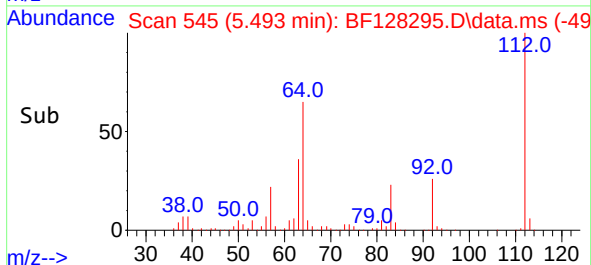
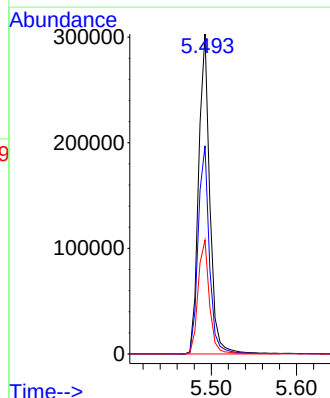
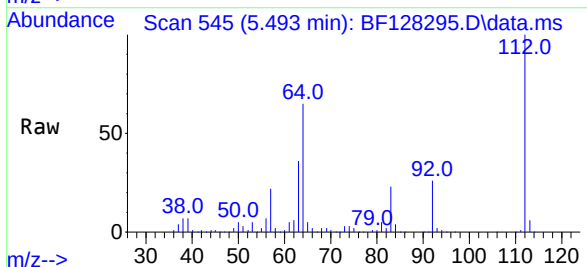
Instrument :
BNA_F
ClientSampleId :
TP-3-0516

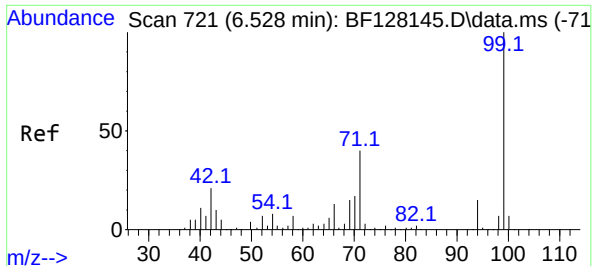
Tgt Ion:152 Resp: 73971
Ion Ratio Lower Upper
152 100
150 162.3 125.3 187.9
115 67.3 48.8 73.2



#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

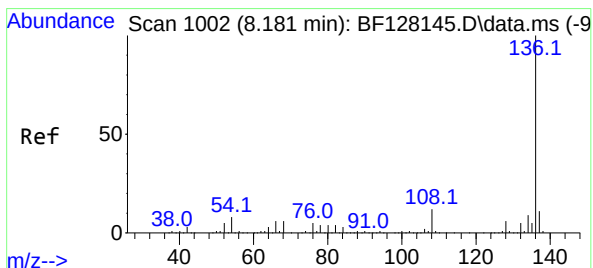
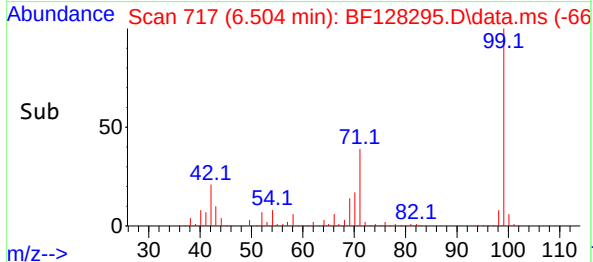
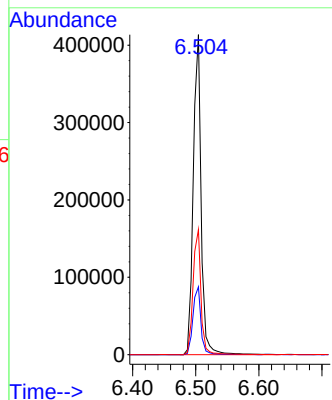
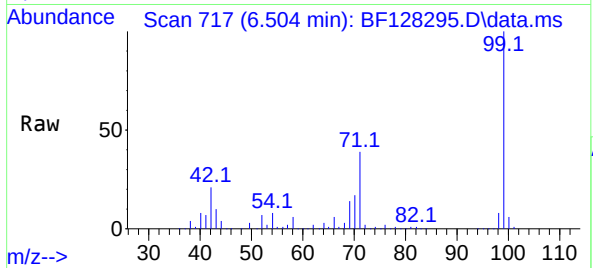




#7
Phenol-d6
Concen: 58.677 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

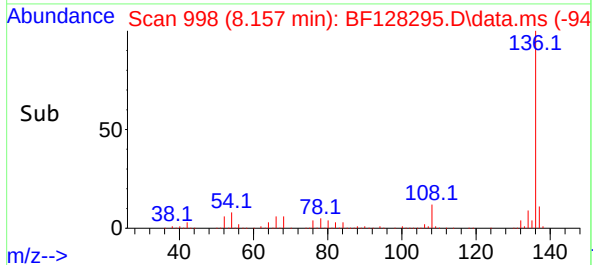
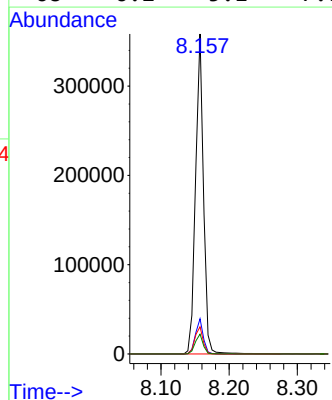
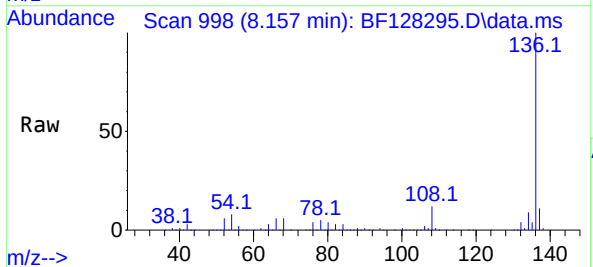
Instrument :
BNA_F
ClientSampleId :
TP-3-0516

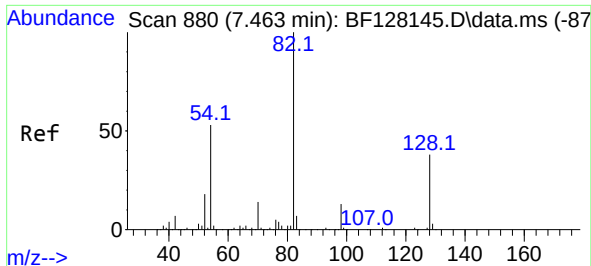
Tgt Ion: 99 Resp: 360124
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 39.1 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

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

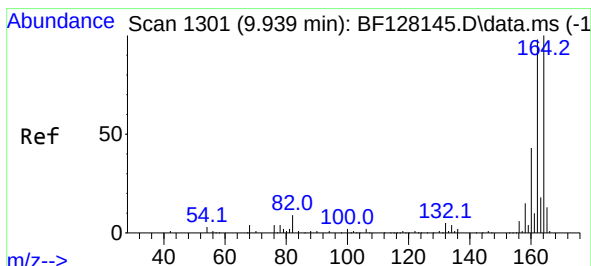
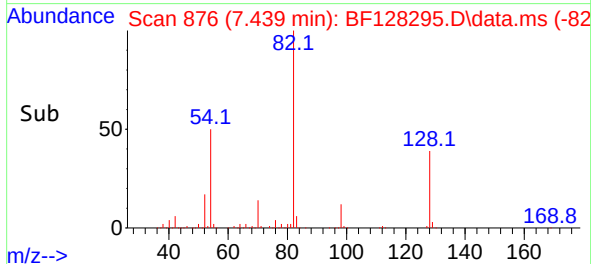
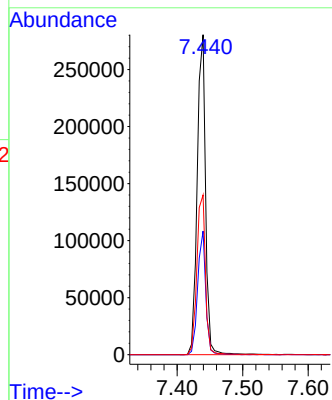
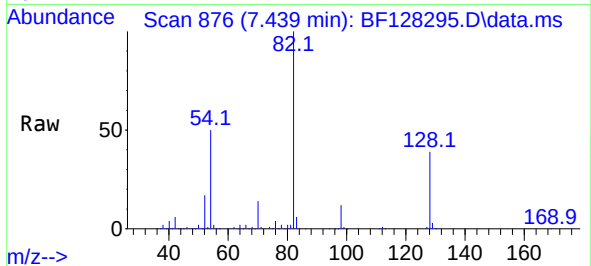




#23
Nitrobenzene-d5
Concen: 39.042 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

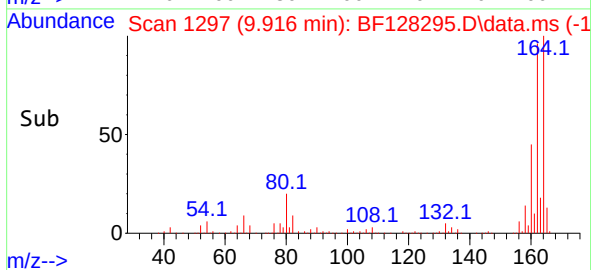
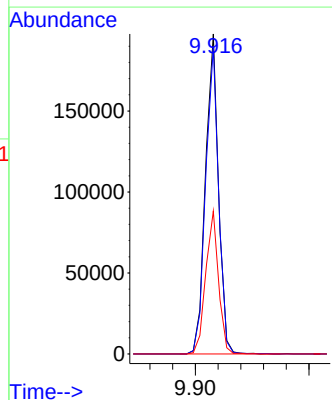
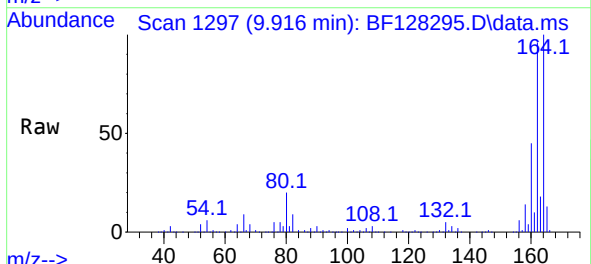
Instrument :
BNA_F
ClientSampleId :
TP-3-0516

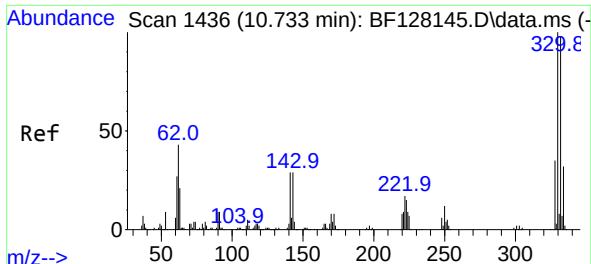
Tgt Ion: 82 Resp: 249402
Ion Ratio Lower Upper
82 100
128 38.7 30.0 45.0
54 49.9 41.3 61.9



#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

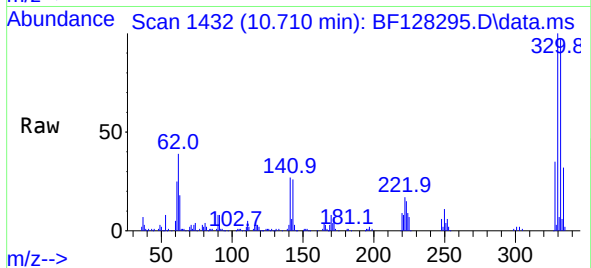
Tgt Ion:164 Resp: 155684
Ion Ratio Lower Upper
164 100
162 96.0 76.0 114.0
160 44.6 34.8 52.2



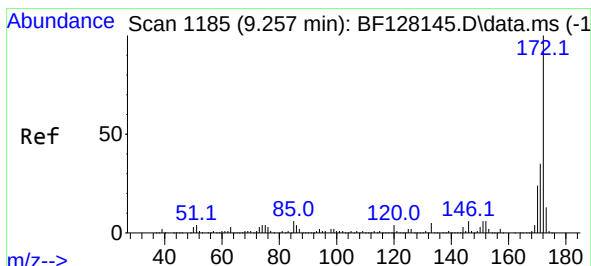
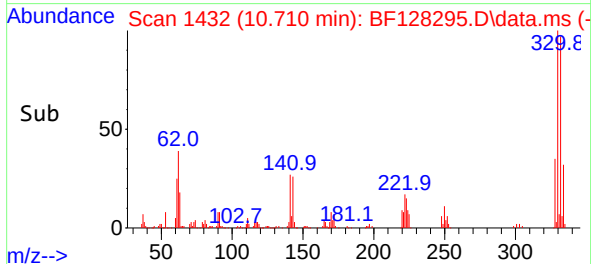
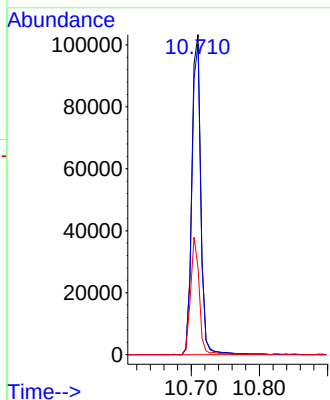


#42
2,4,6-Tribromophenol
Concen: 52.773 ng
RT: 10.710 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

Instrument :
BNA_F
ClientSampleId :
TP-3-0516

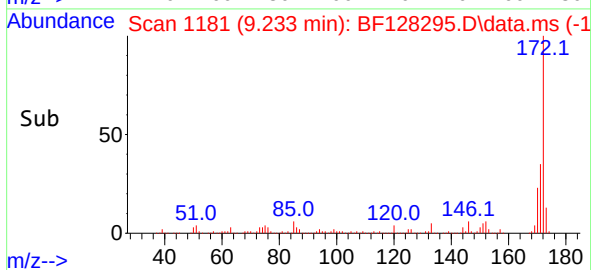
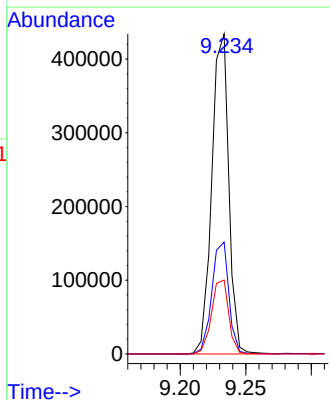
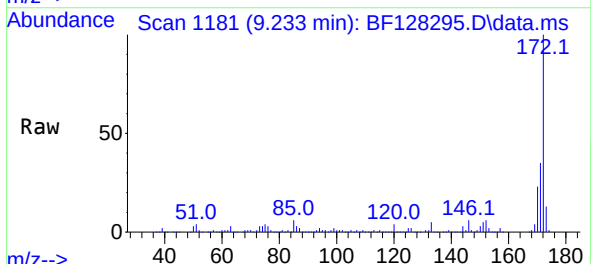


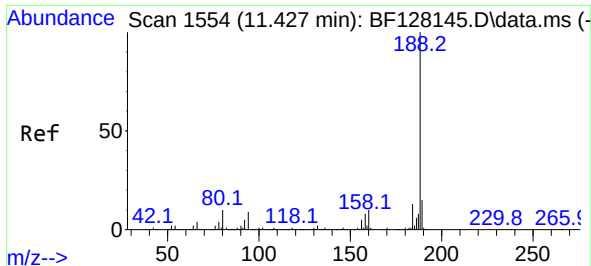
Tgt Ion:330 Resp: 94226
Ion Ratio Lower Upper
330 100
332 96.1 79.0 118.4
141 35.3 28.9 43.3



#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

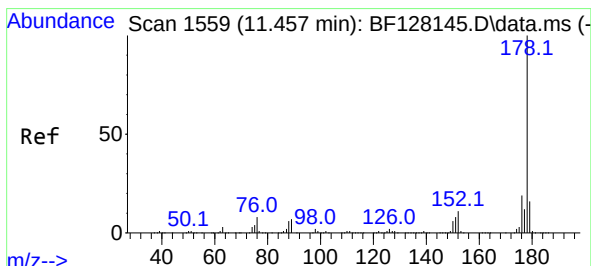
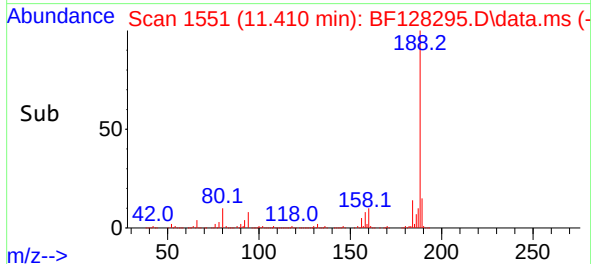
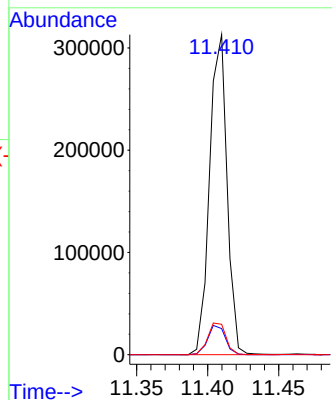
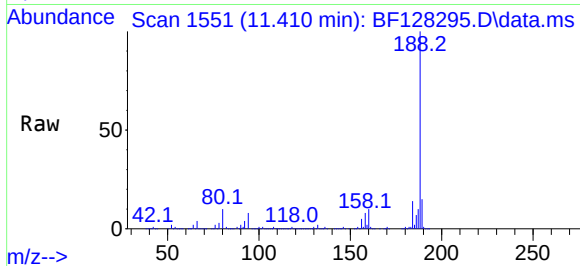




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

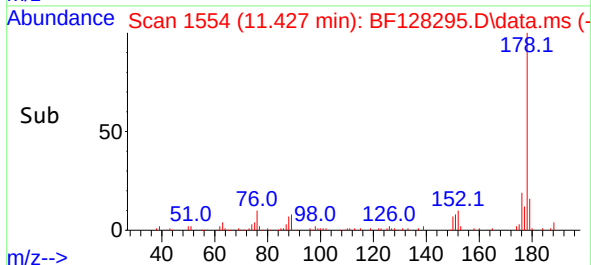
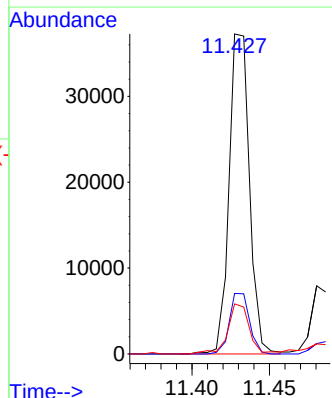
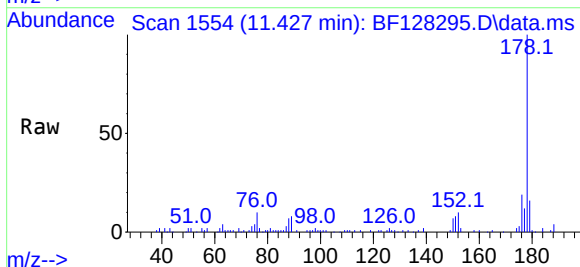
Instrument :
BNA_F
ClientSampleId :
TP-3-0516

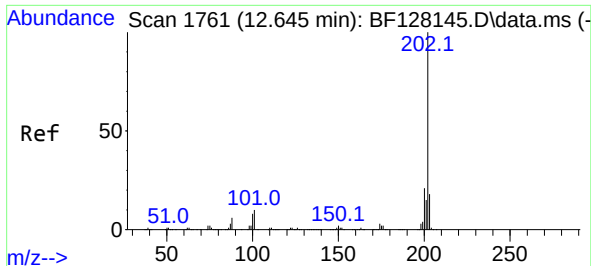
Tgt Ion:188 Resp: 268413
Ion Ratio Lower Upper
188 100
94 8.2 8.0 12.0
80 9.5 8.9 13.3



#71
Phenanthrene
Concen: 2.554 ng
RT: 11.427 min Scan# 1554
Delta R.T. -0.012 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

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

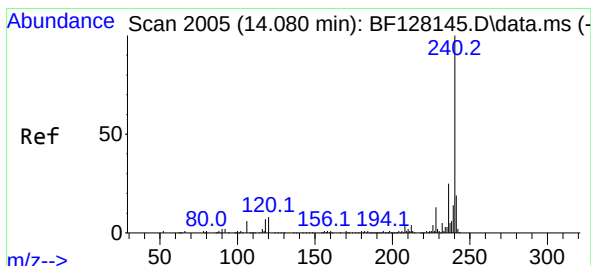
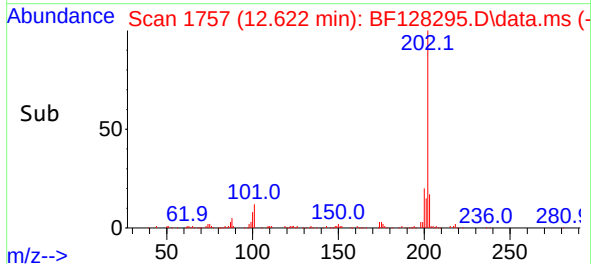
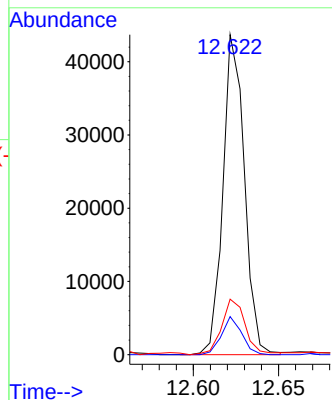
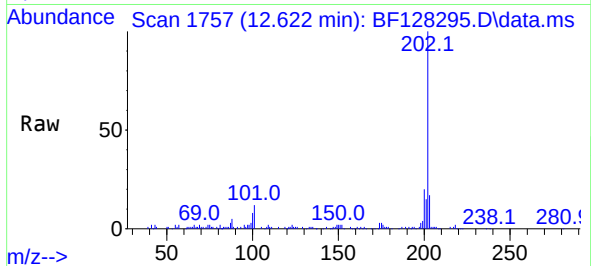




#75
Fluoranthene
Concen: 2.645 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

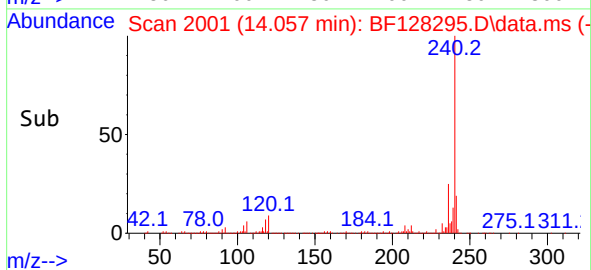
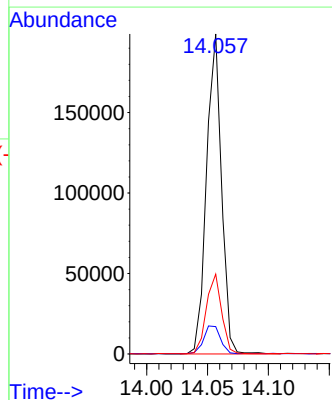
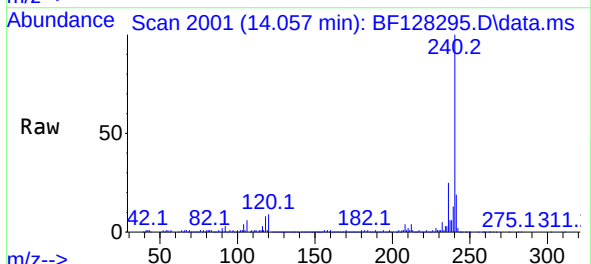
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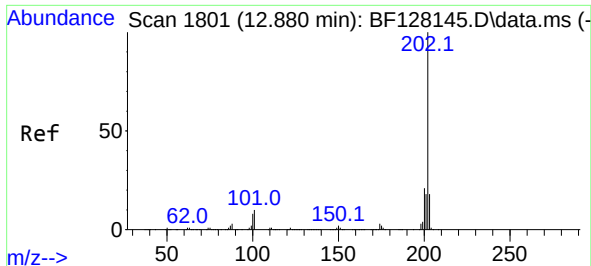
Tgt Ion:202 Resp: 38326
Ion Ratio Lower Upper
202 100
101 11.9 0.0 31.6
203 17.3 0.0 38.1



#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

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

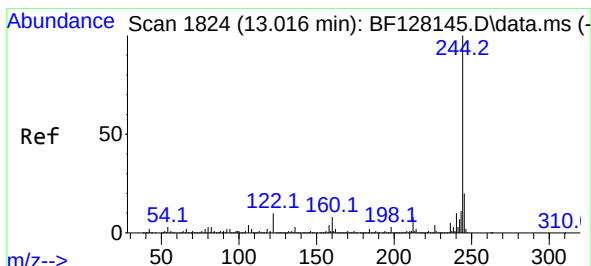
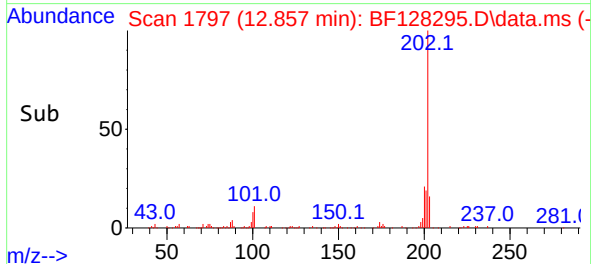
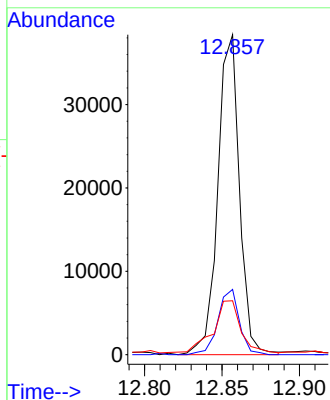
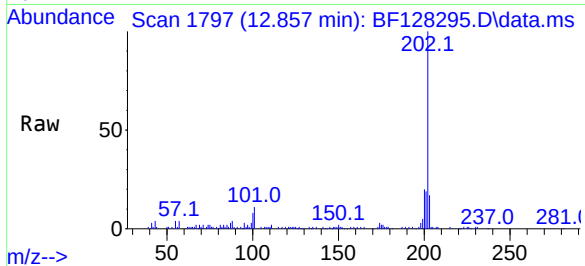




#78
Pyrene
Concen: 3.018 ng
RT: 12.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

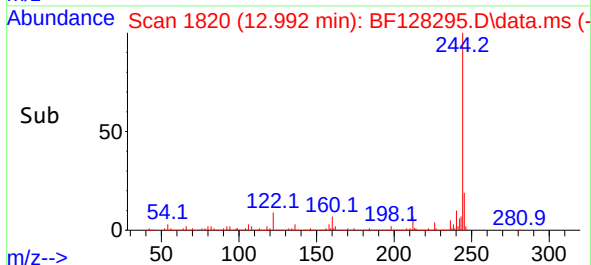
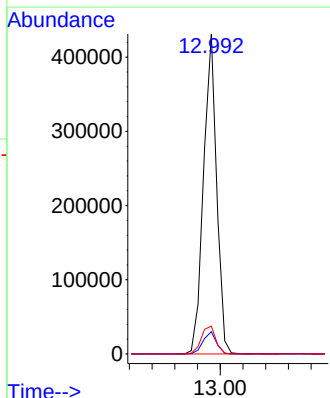
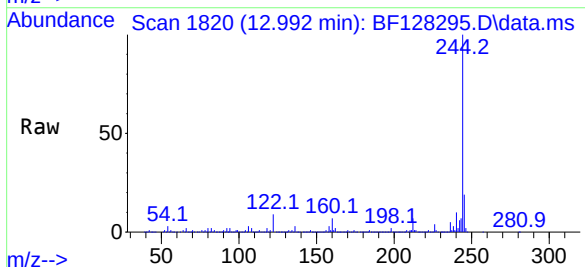
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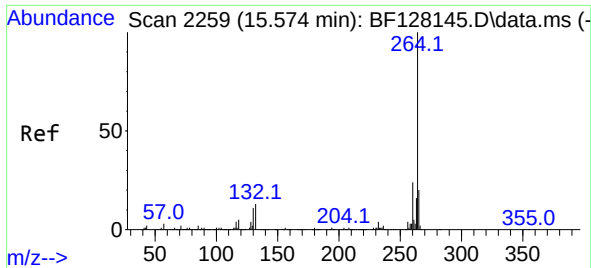
Tgt Ion:202 Resp: 37293
Ion Ratio Lower Upper
202 100
200 20.4 17.4 26.2
203 16.9 14.0 21.0



#79
Terphenyl-d14
Concen: 38.093 ng
RT: 12.992 min Scan# 1820
Delta R.T. -0.012 min
Lab File: BF128295.D
Acq: 17 May 2022 17:13

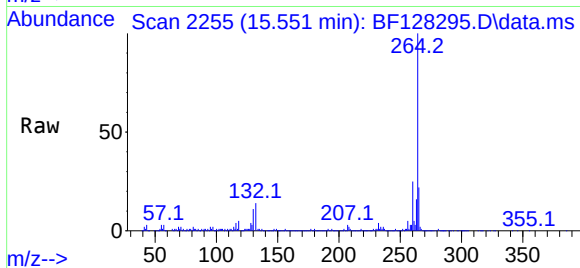
Tgt Ion:244 Resp: 345971
Ion Ratio Lower Upper
244 100
212 7.0 6.2 9.4
122 8.7 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
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:264 Resp: 176239

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.1	30.1
265	21.9	17.5	26.3

