

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051822\
 Data File : BF128321.D
 Acq On : 18 May 2022 19:55
 Operator : CG\JU
 Sample : N2910-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D2474-ROCKS

Quant Time: May 19 06:50:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 06:47:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	73744	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	259745	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	105735	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	134479	20.000	ng	# 0.01
76) Chrysene-d12	14.063	240	153363	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	188741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	479634	103.683	ng	0.00
7) Phenol-d6	6.504	99	618513	101.088	ng	0.00
23) Nitrobenzene-d5	7.434	82	427932	74.132	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	98342	81.097	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	563162	83.338	ng	0.00
79) Terphenyl-d14	13.004	244	482946	59.089	ng	0.01

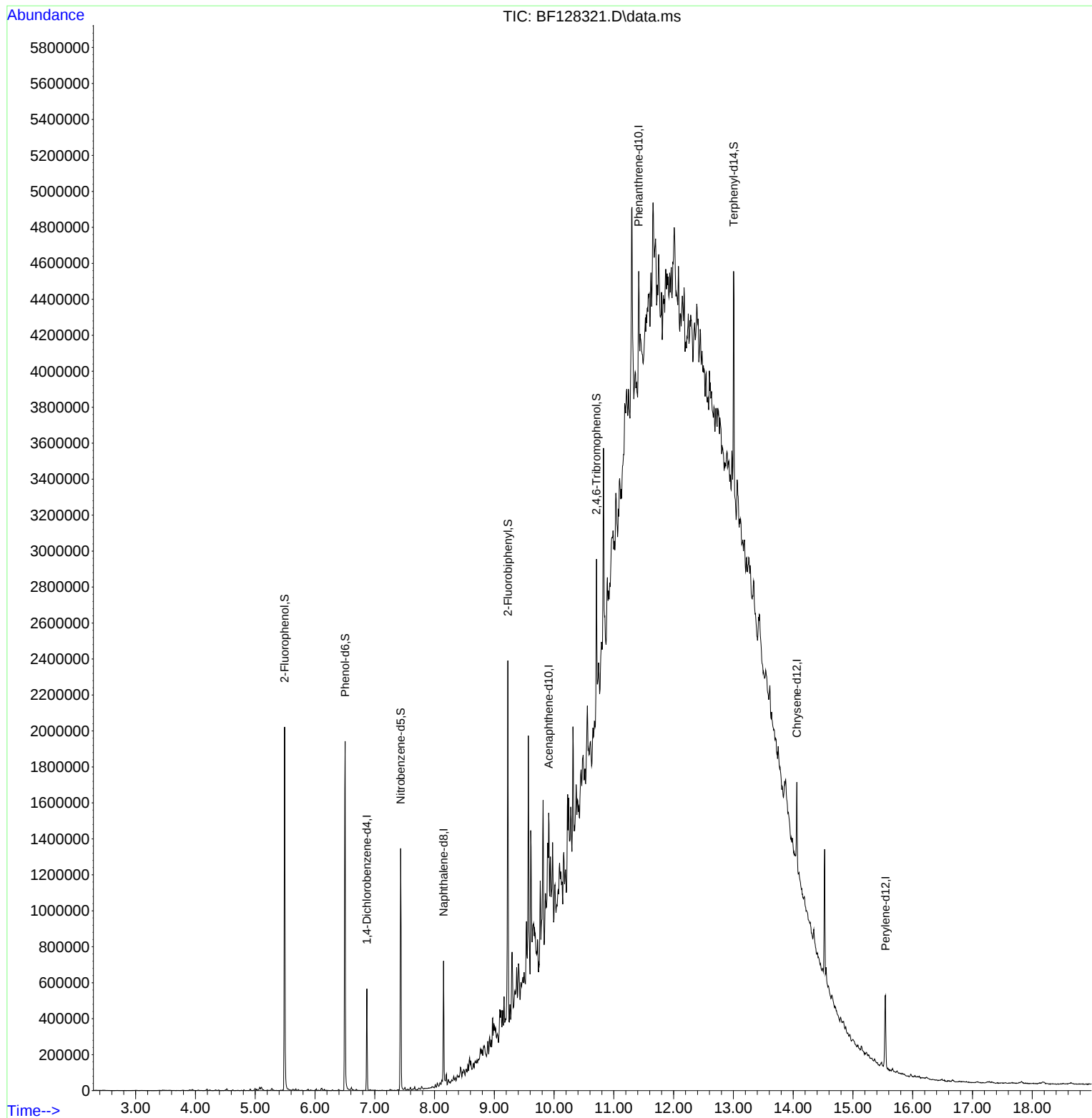
Target Compounds	Qvalue

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

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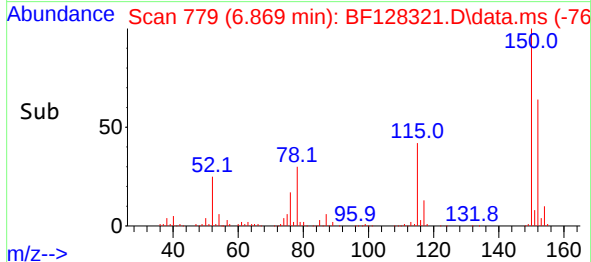
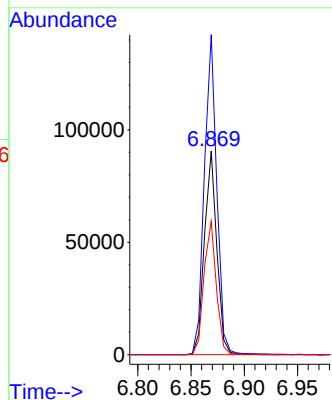
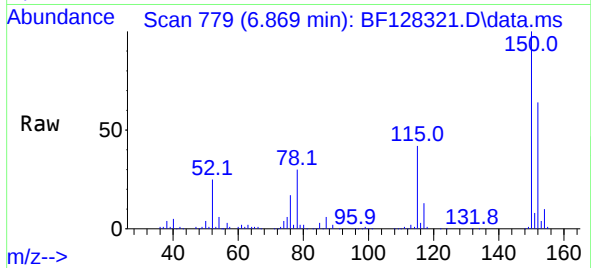




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128321.D
Acq: 18 May 2022 19:55

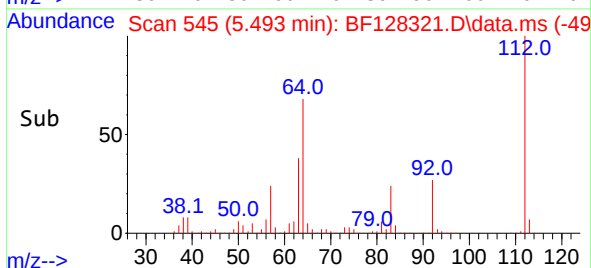
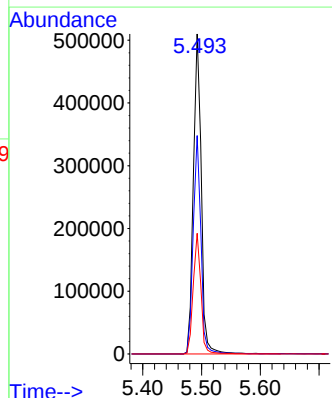
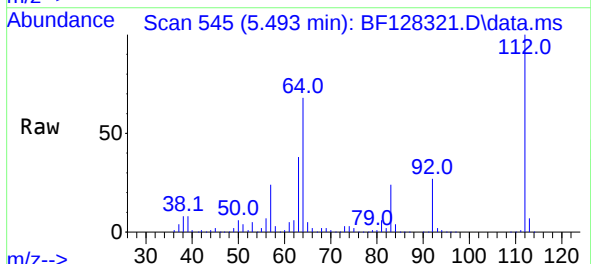
Instrument :
BNA_F
ClientSampleId :
D2474-ROCKS

Tgt Ion:152 Resp: 73744
Ion Ratio Lower Upper
152 100
150 157.1 125.3 187.9
115 65.5 48.8 73.2



#5
2-Fluorophenol
Concen: 103.683 ng
RT: 5.493 min Scan# 545
Delta R.T. 0.000 min
Lab File: BF128321.D
Acq: 18 May 2022 19:55

Tgt Ion:112 Resp: 479634
Ion Ratio Lower Upper
112 100
64 68.2 49.5 74.3
63 37.7 26.3 39.5

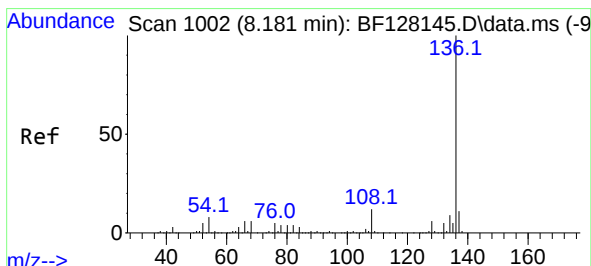
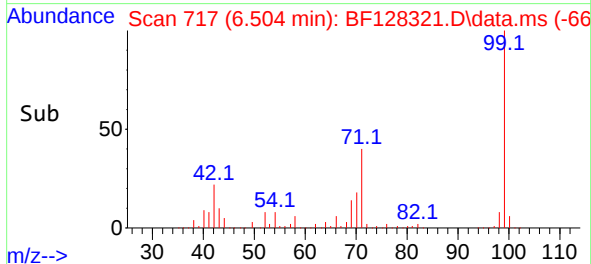
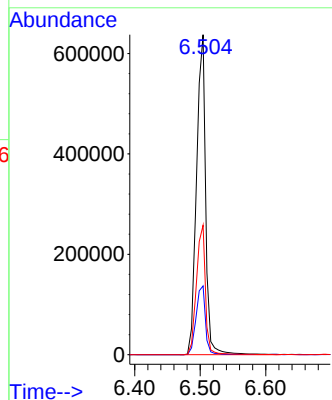
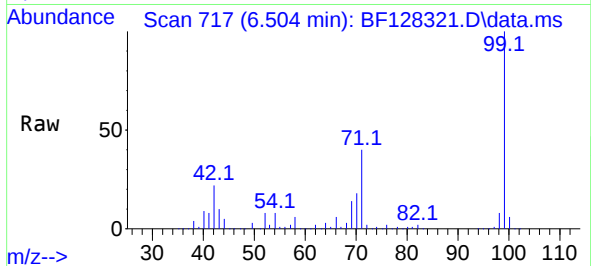




#7
Phenol-d6
Concen: 101.088 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128321.D
Acq: 18 May 2022 19:55

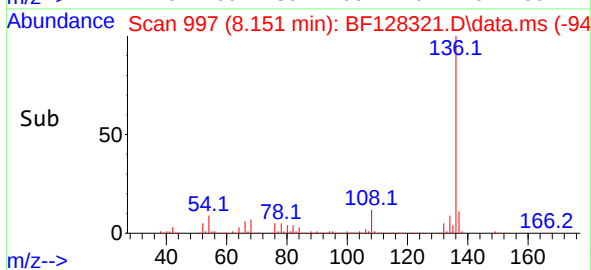
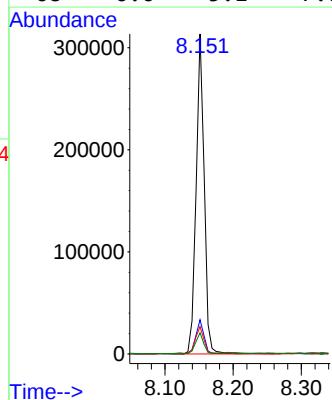
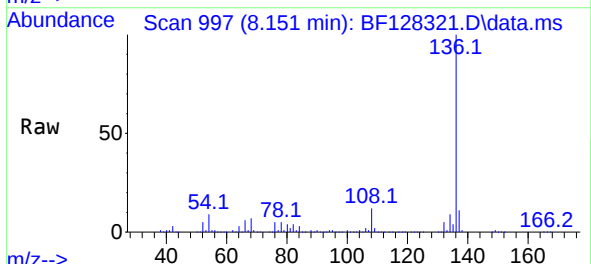
Instrument :
BNA_F
ClientSampleId :
D2474-ROCKS

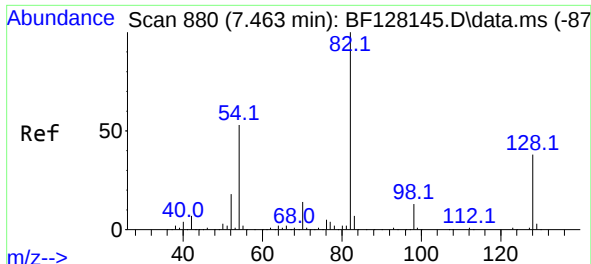
Tgt Ion: 99 Resp: 618513
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 40.4 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF128321.D
Acq: 18 May 2022 19:55

Tgt Ion:136 Resp: 259745
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.6 6.8 10.2
68 6.6 5.1 7.7

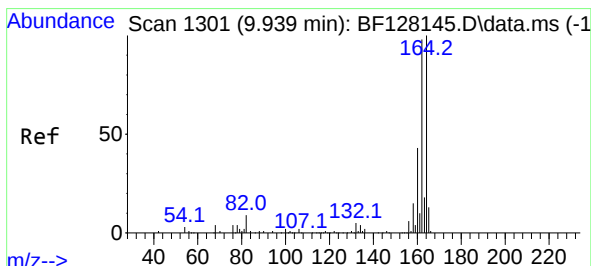
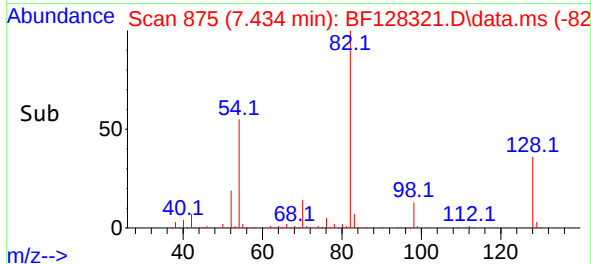
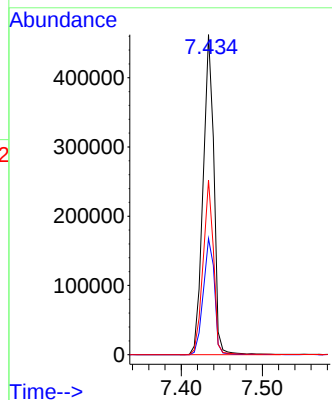
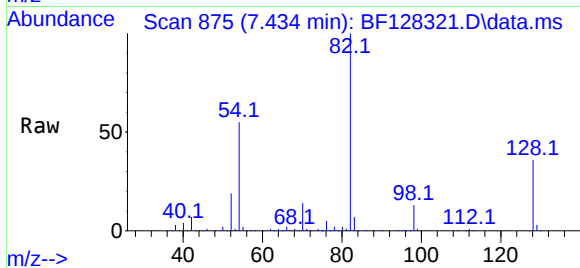




#23
Nitrobenzene-d5
Concen: 74.132 ng
RT: 7.434 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128321.D
Acq: 18 May 2022 19:55

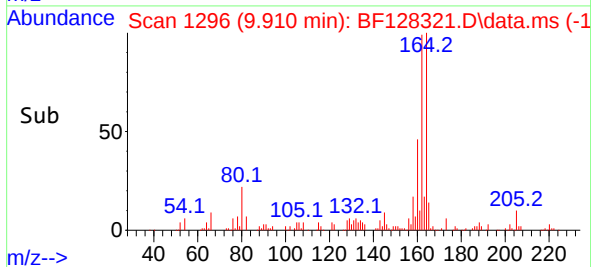
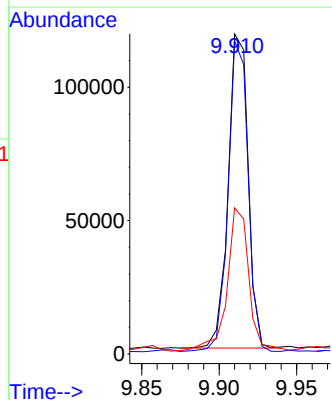
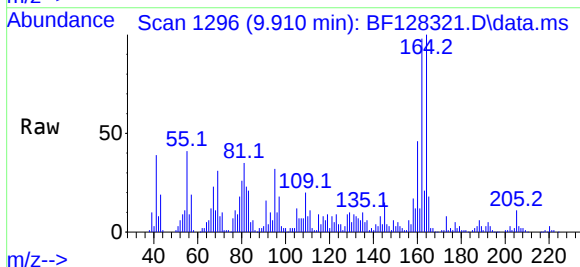
Instrument :
BNA_F
ClientSampleId :
D2474-ROCKS

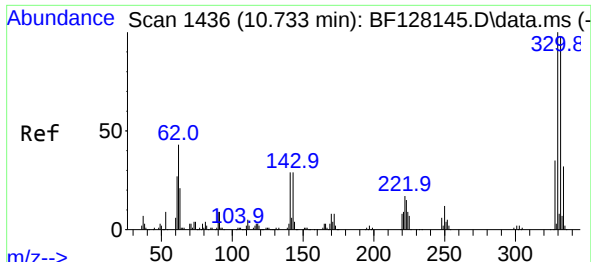
Tgt Ion: 82 Resp: 427932
Ion Ratio Lower Upper
82 100
128 36.3 30.0 45.0
54 54.5 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF128321.D
Acq: 18 May 2022 19:55

Tgt Ion:164 Resp: 105735
Ion Ratio Lower Upper
164 100
162 97.8 76.0 114.0
160 45.7 34.8 52.2

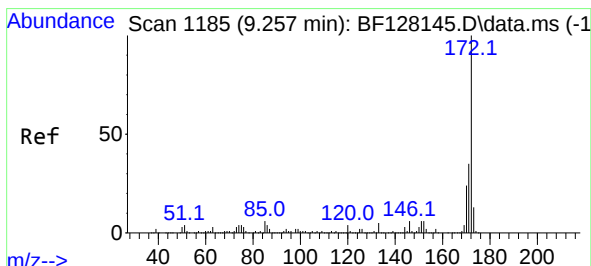
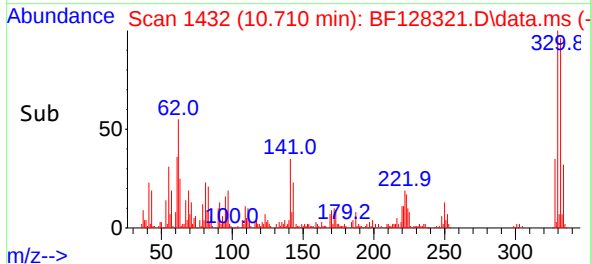
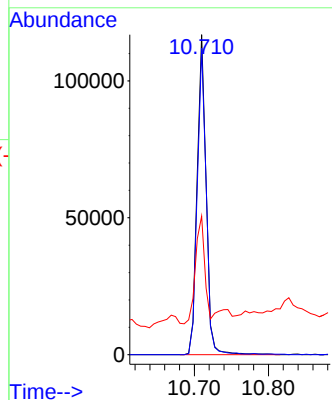
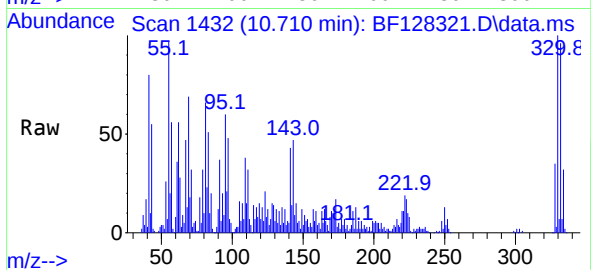




#42
2,4,6-Tribromophenol
Concen: 81.097 ng
RT: 10.710 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF128321.D
Acq: 18 May 2022 19:55

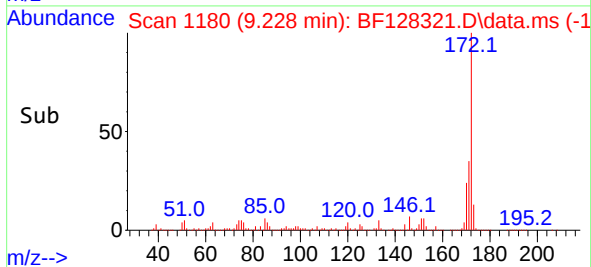
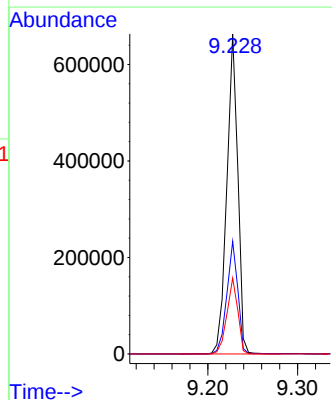
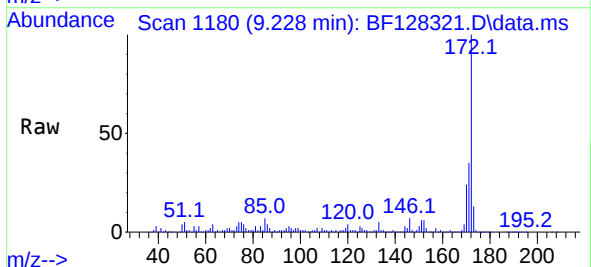
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ClientSampleId :
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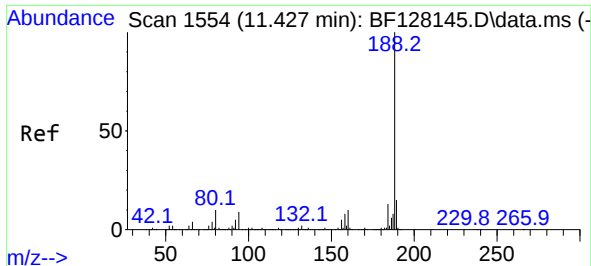
Tgt Ion:330 Resp: 98342
Ion Ratio Lower Upper
330 100
332 95.7 79.0 118.4
141 35.8 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 83.338 ng
RT: 9.228 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF128321.D
Acq: 18 May 2022 19:55

Tgt Ion:172 Resp: 563162
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.7 19.1 28.7

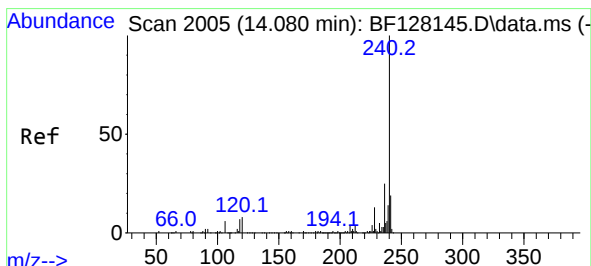
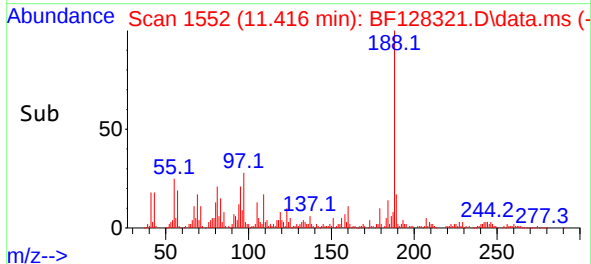
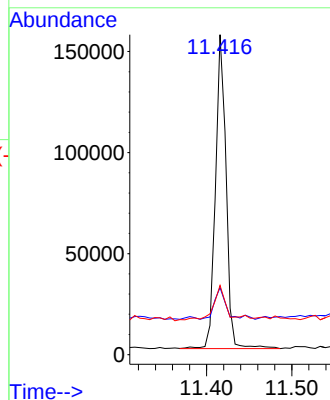
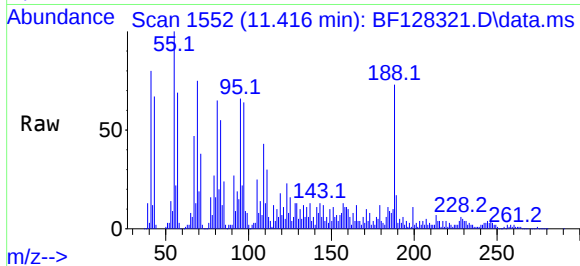




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF128321.D
Acq: 18 May 2022 19:55

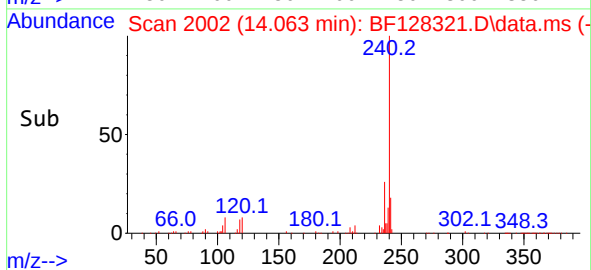
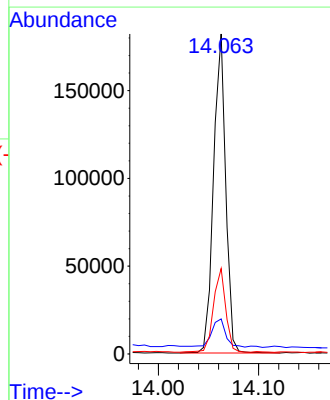
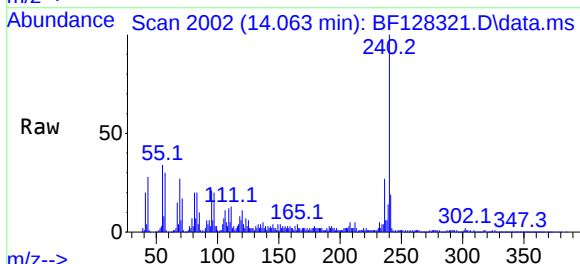
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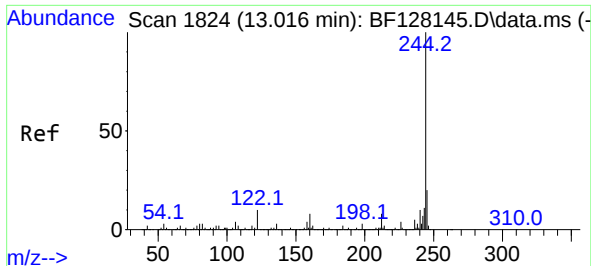
Tgt Ion:188 Resp: 134479
Ion Ratio Lower Upper
188 100
94 21.0 8.0 12.0#
80 21.7 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BF128321.D
Acq: 18 May 2022 19:55

Tgt Ion:240 Resp: 153363
Ion Ratio Lower Upper
240 100
120 11.0 7.0 10.6#
236 26.7 20.3 30.5

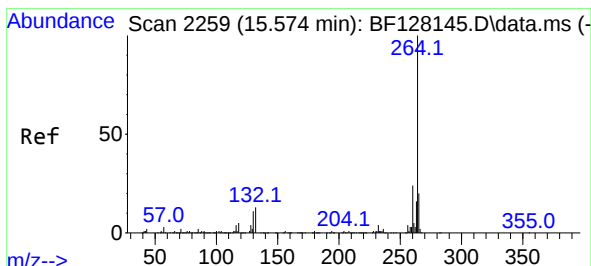
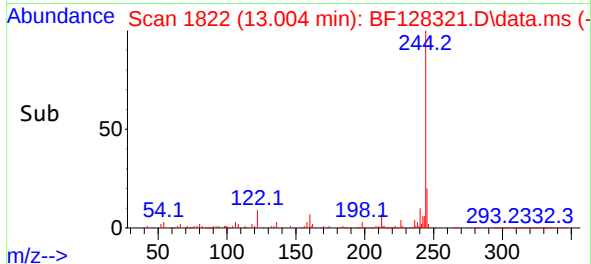
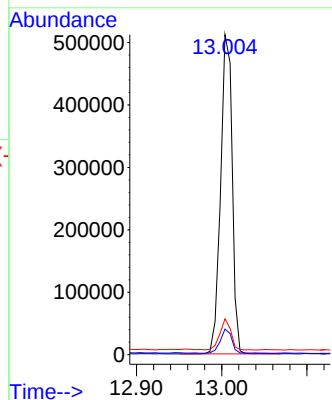
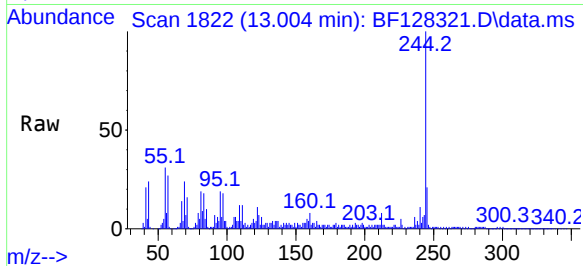




#79
 Terphenyl-d14
 Concen: 59.089 ng
 RT: 13.004 min Scan# 1824
 Delta R.T. 0.012 min
 Lab File: BF128321.D
 Acq: 18 May 2022 19:55

Instrument :
 BNA_F
 ClientSampleId :
 D2474-ROCKS

Tgt Ion:244 Resp: 482946
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.4
 122 11.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2254
 Delta R.T. 0.000 min
 Lab File: BF128321.D
 Acq: 18 May 2022 19:55

Tgt Ion:264 Resp: 188741
 Ion Ratio Lower Upper
 264 100
 260 24.6 20.1 30.1
 265 21.1 17.5 26.3

