

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052722\
 Data File : BF128522.D
 Acq On : 27 May 2022 21:29
 Operator : CG\JU
 Sample : N2921-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P013-SS002-0006-01

Quant Time: May 27 23:19:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	216278	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	841333	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	447233	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	764455	20.000	ng	0.00
76) Chrysene-d12	13.998	240	447399	20.000	ng	-0.01
86) Perylene-d12	15.463	264	391447	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1380333	105.715	ng	0.00
7) Phenol-d6	6.463	99	1768297	106.216	ng	0.00
23) Nitrobenzene-d5	7.398	82	1210153	82.977	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	435241	102.244	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	2127809	77.296	ng	0.00
79) Terphenyl-d14	12.957	244	1889501	81.592	ng	0.00

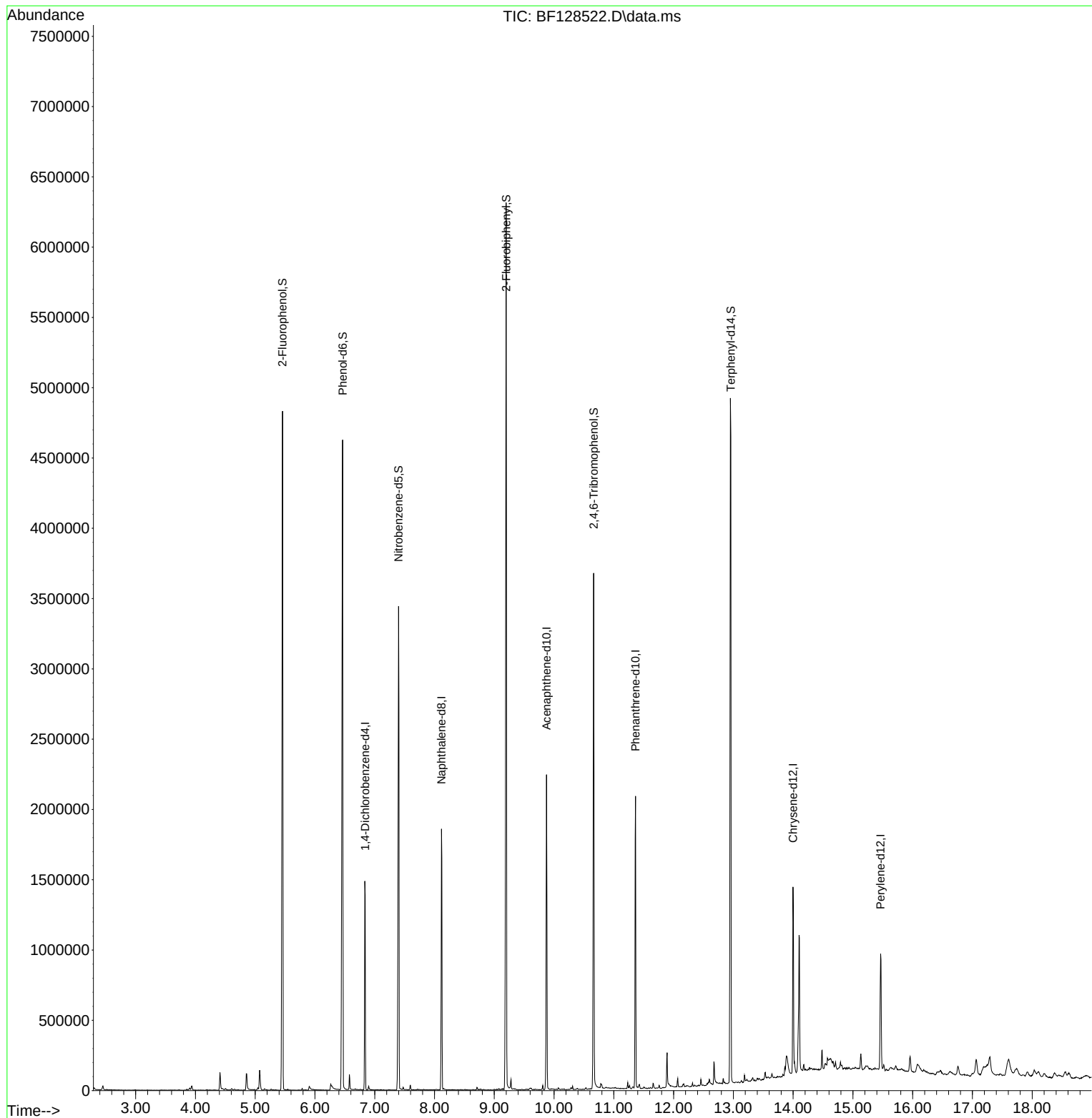
Target Compounds	Qvalue

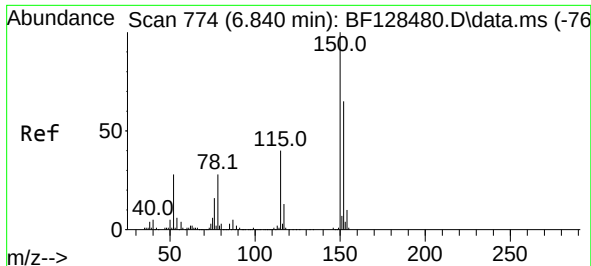
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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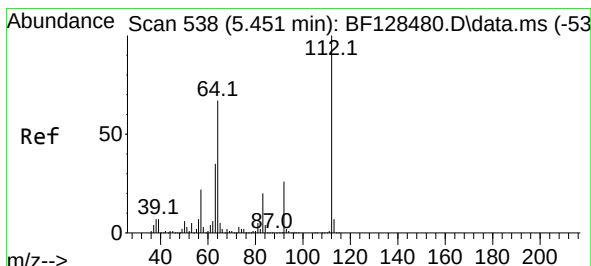
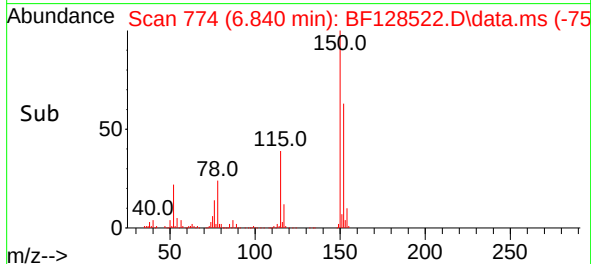
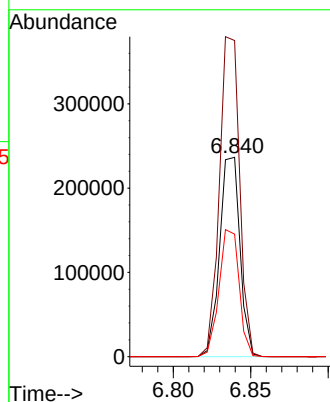
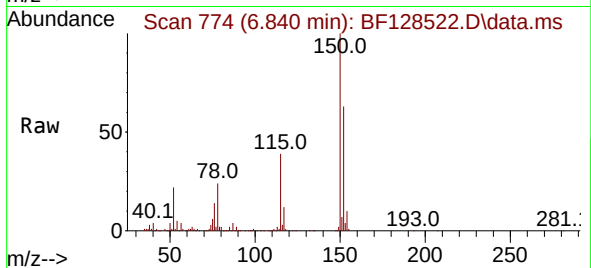




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

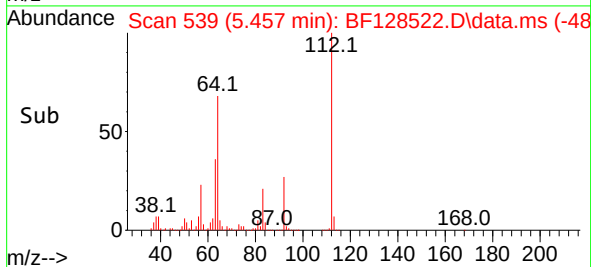
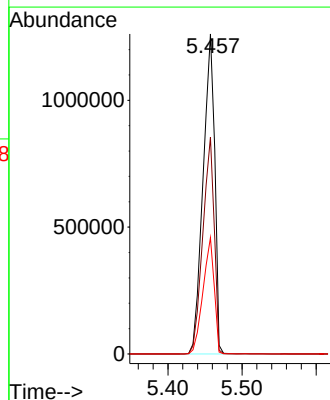
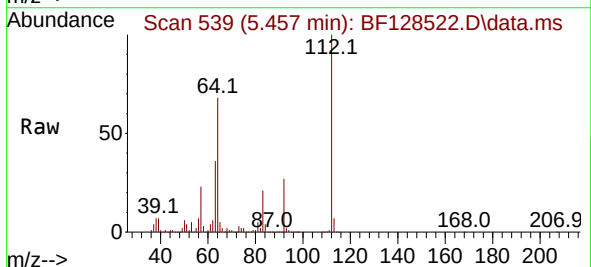
Instrument :
BNA_F
ClientSampleId :
P013-SS002-0006-01

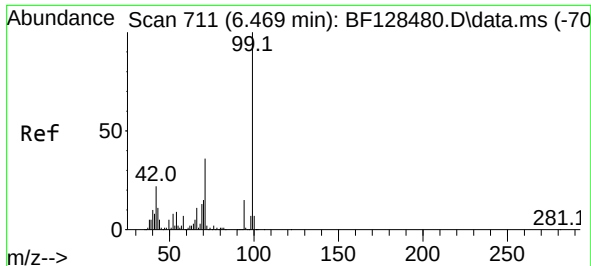
Tgt Ion:152 Resp: 216278
Ion Ratio Lower Upper
152 100
150 158.7 123.7 185.5
115 61.5 49.9 74.9



#5
2-Fluorophenol
Concen: 105.715 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

Tgt Ion:112 Resp: 1380333
Ion Ratio Lower Upper
112 100
64 67.7 53.3 79.9
63 36.4 28.0 42.0

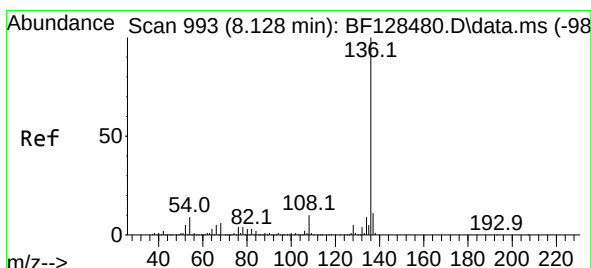
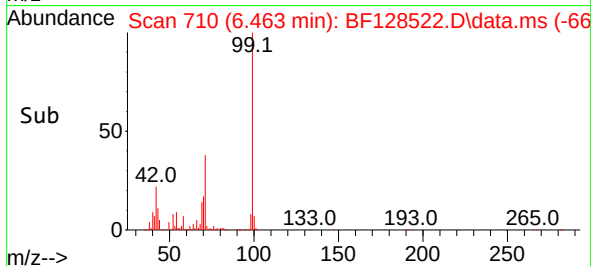
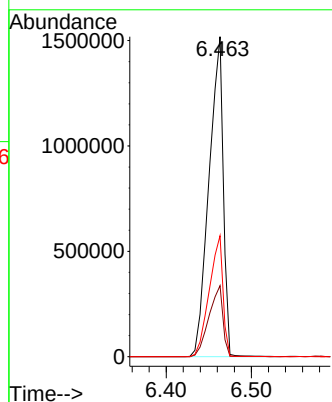
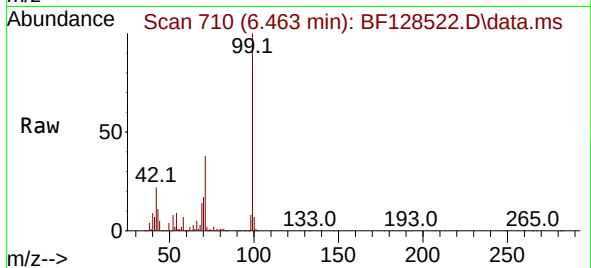




#7
Phenol-d6
Concen: 106.216 ng
RT: 6.463 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

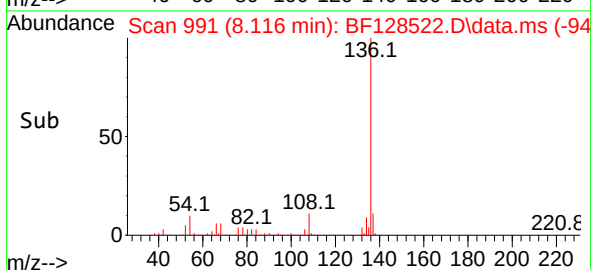
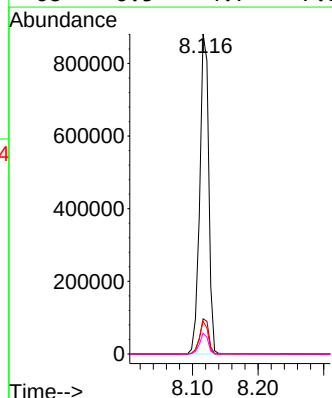
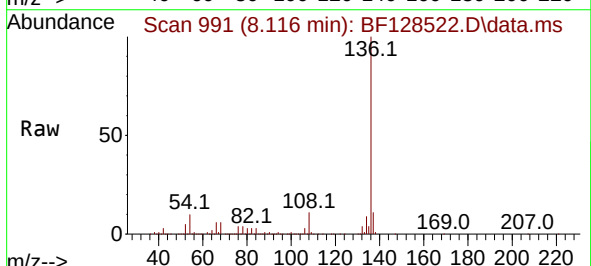
Instrument :
BNA_F
ClientSampleId :
P013-SS002-0006-01

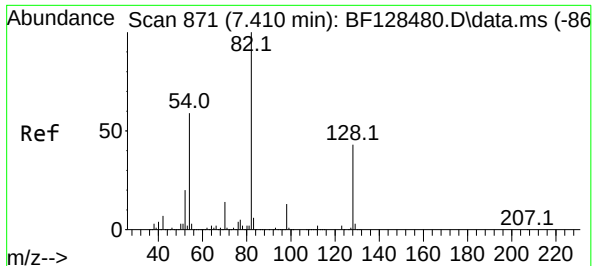
Tgt Ion: 99 Resp: 1768297
Ion Ratio Lower Upper
99 100
42 22.2 17.3 25.9
71 37.8 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

Tgt Ion:136 Resp: 841333
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 10.2 7.5 11.3
68 6.5 4.7 7.1

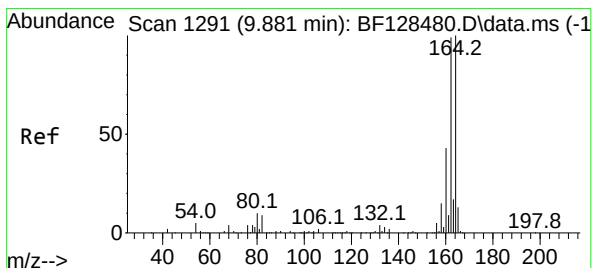
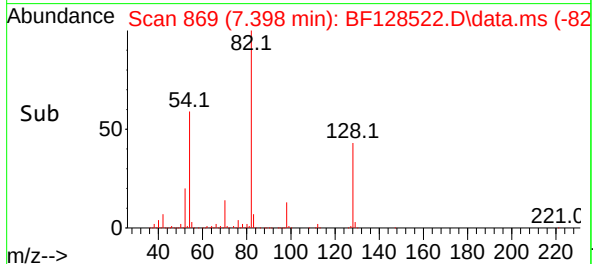
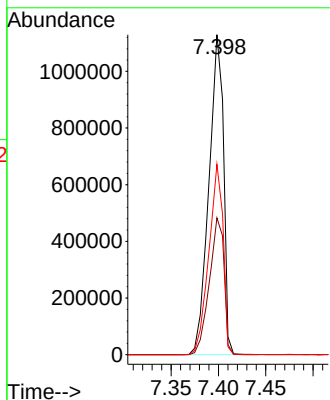
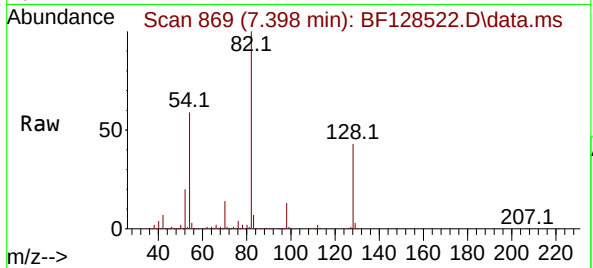




#23
Nitrobenzene-d5
Concen: 82.977 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

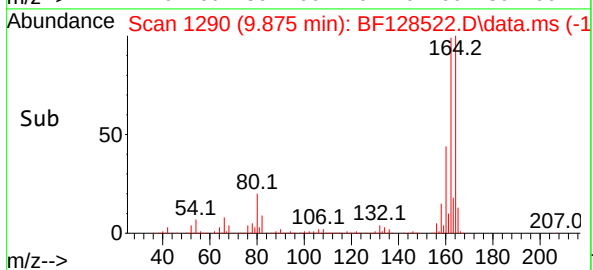
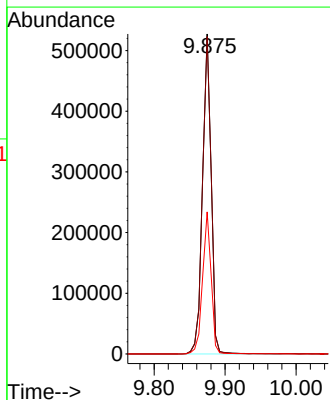
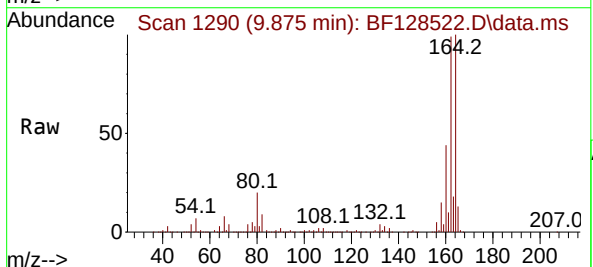
Instrument :
BNA_F
ClientSampleId :
P013-SS002-0006-01

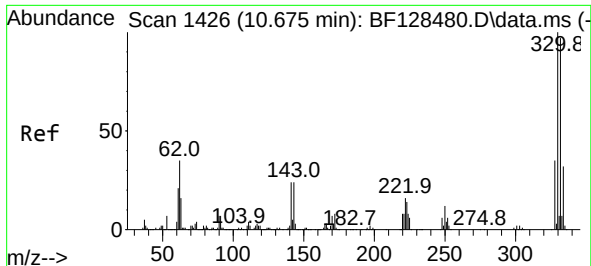
Tgt Ion: 82 Resp: 1210153
Ion Ratio Lower Upper
82 100
128 42.7 34.0 51.0
54 59.5 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

Tgt Ion: 164 Resp: 447233
Ion Ratio Lower Upper
164 100
162 99.2 79.5 119.3
160 44.4 34.2 51.4

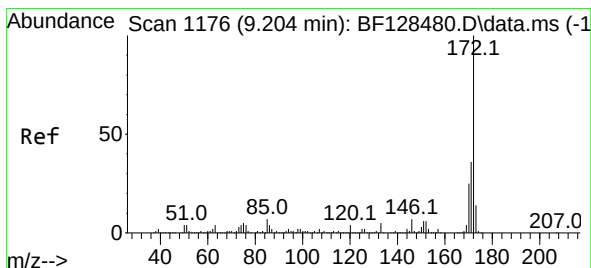
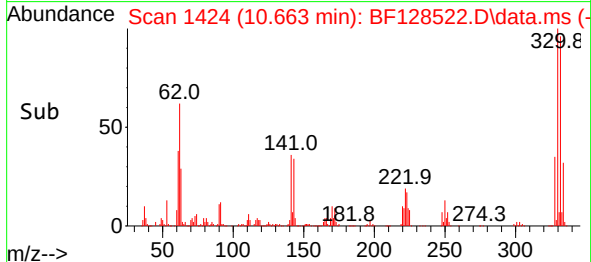
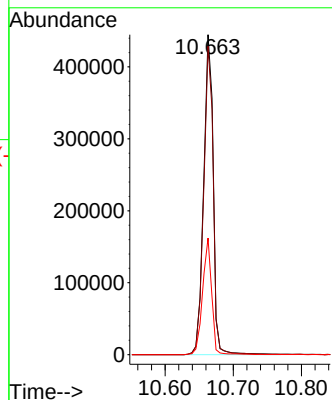
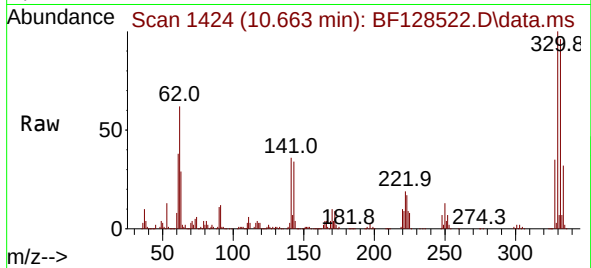




#42
2,4,6-Tribromophenol
Concen: 102.244 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

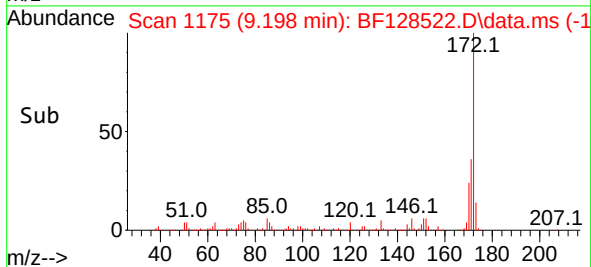
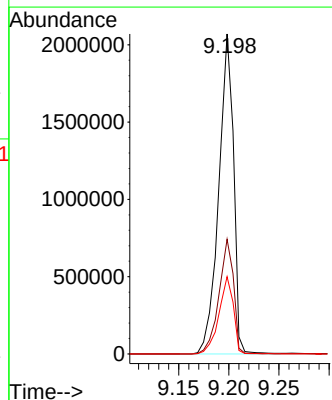
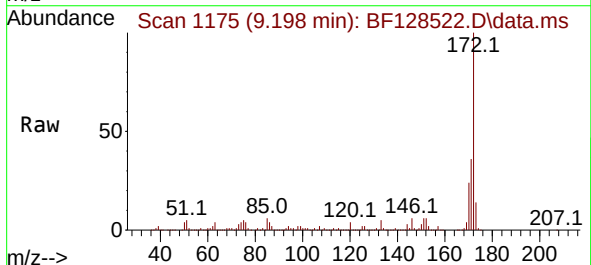
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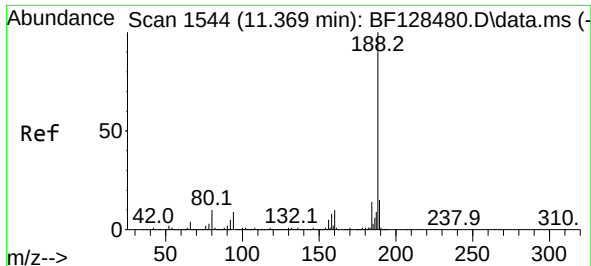
Tgt Ion:330 Resp: 435241
Ion Ratio Lower Upper
330 100
332 96.2 76.8 115.2
141 34.6 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 77.296 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

Tgt Ion:172 Resp: 2127809
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.2 19.8 29.8

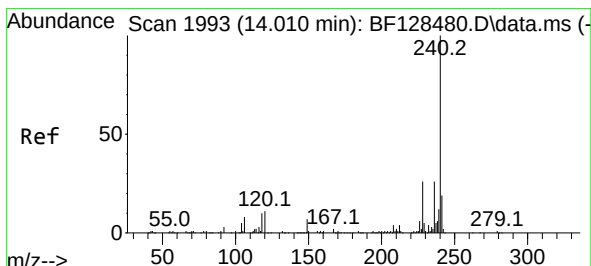
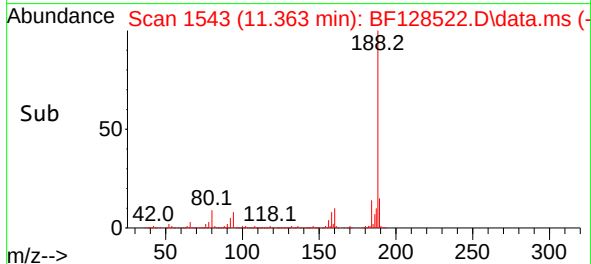
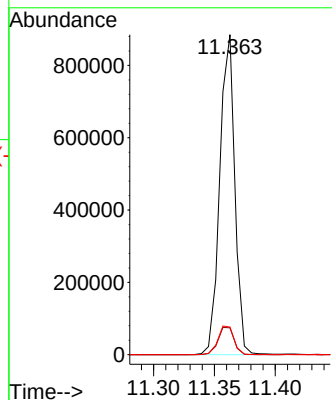
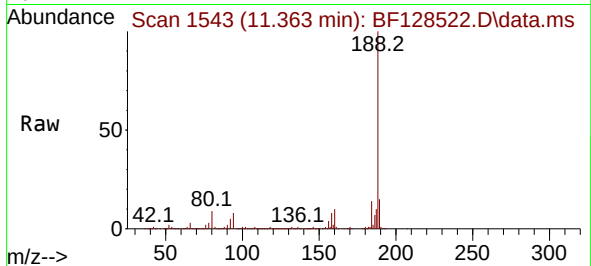




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

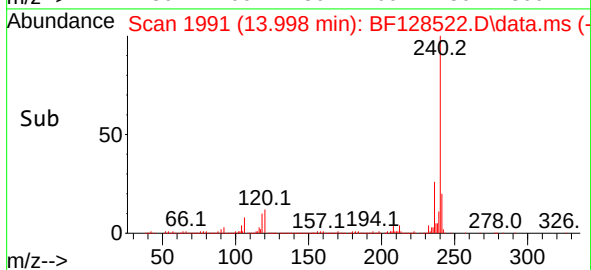
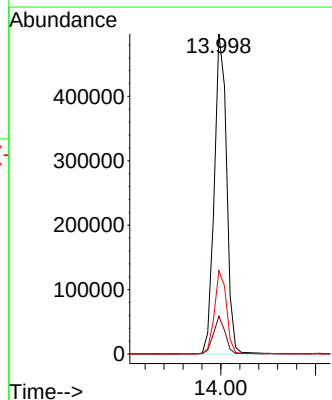
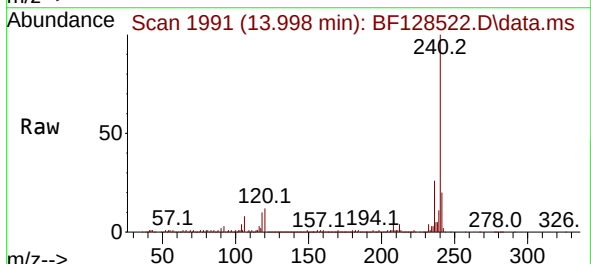
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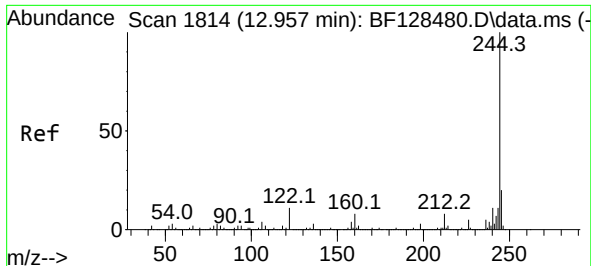
Tgt Ion:188 Resp: 764455
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 8.6 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128522.D
Acq: 27 May 2022 21:29

Tgt Ion:240 Resp: 447399
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 26.1 20.8 31.2

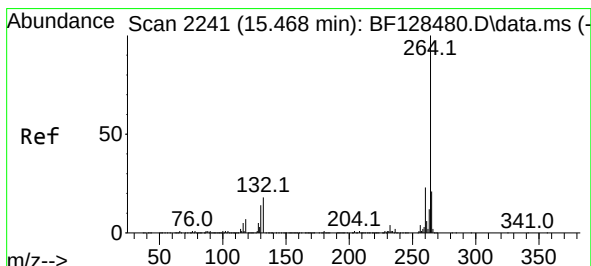
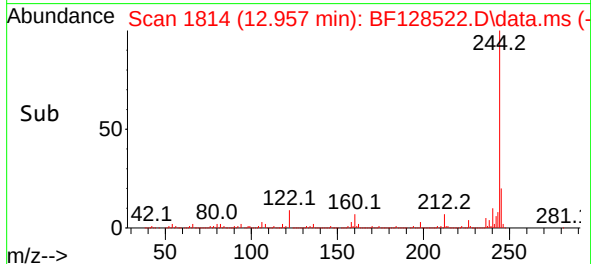
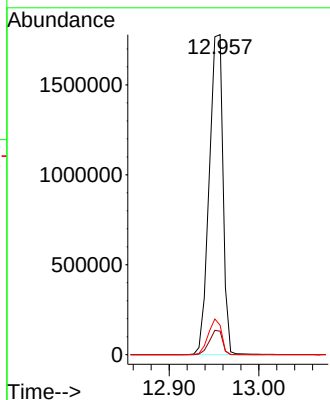
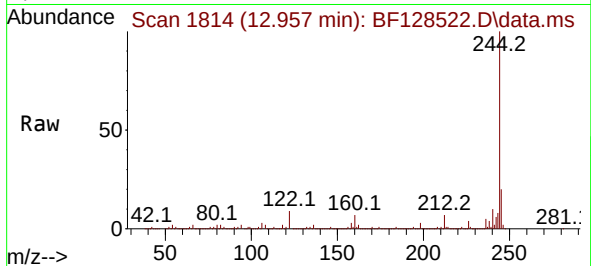




#79
 Terphenyl-d14
 Concen: 81.592 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. 0.000 min
 Lab File: BF128522.D
 Acq: 27 May 2022 21:29

Instrument :
 BNA_F
 ClientSampleId :
 P013-SS002-0006-01

Tgt Ion:244 Resp: 1889501
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 9.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2240
 Delta R.T. -0.006 min
 Lab File: BF128522.D
 Acq: 27 May 2022 21:29

Tgt Ion:264 Resp: 391447
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 22.5 17.2 25.8

