

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052422\
 Data File : BF128431.D
 Acq On : 24 May 2022 13:22
 Operator : CG\JU
 Sample : N2894-16
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P008-SS002-1218-01

Quant Time: May 25 03:54:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 03:52:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	95742	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	375678	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	208653	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	389814	20.000	ng	0.00
76) Chrysene-d12	14.027	240	243351	20.000	ng	0.00
86) Perylene-d12	15.510	264	201392	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	441366	73.361	ng	0.00
7) Phenol-d6	6.481	99	583590	73.665	ng	-0.01
23) Nitrobenzene-d5	7.410	82	396379	47.274	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	121653	56.535	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	643191	50.411	ng	0.00
79) Terphenyl-d14	12.963	244	723116	57.362	ng	0.00

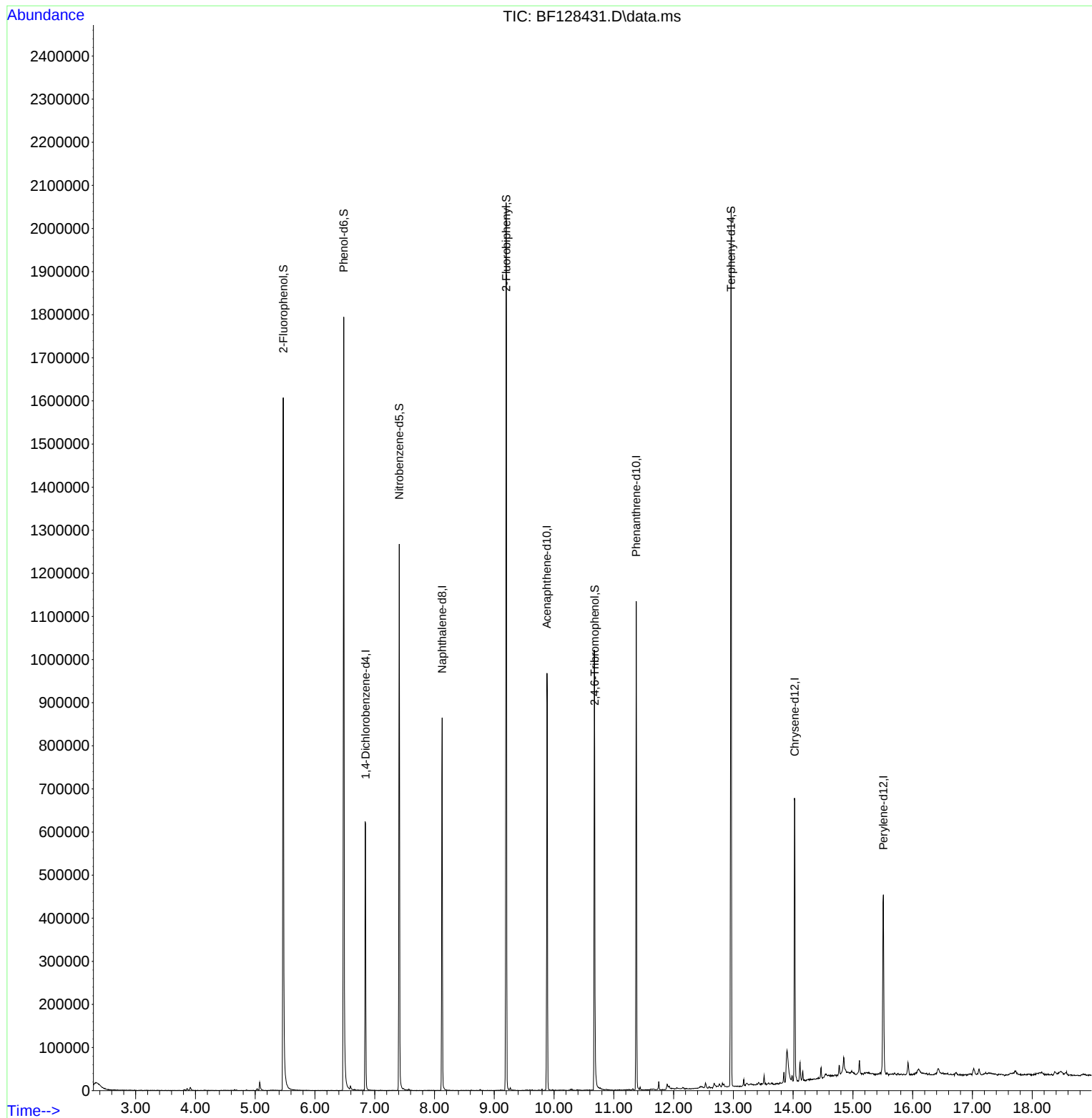
Target Compounds	Qvalue

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

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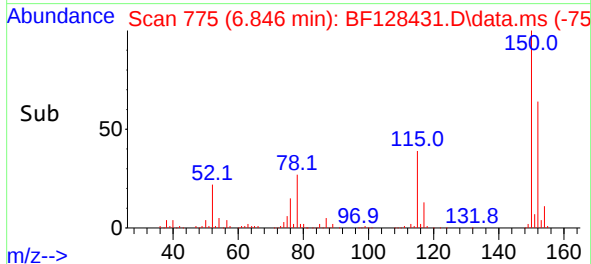
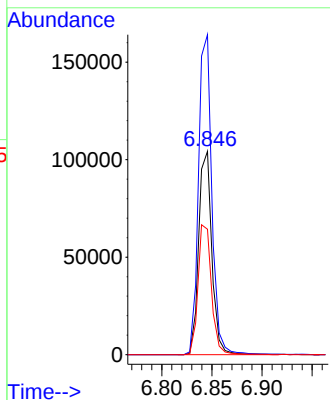
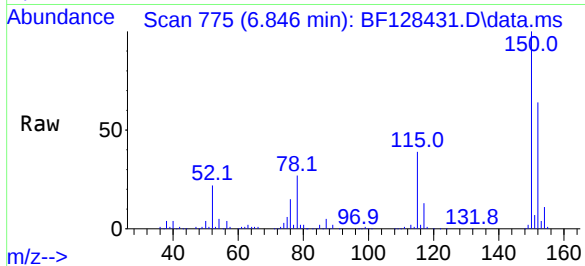




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

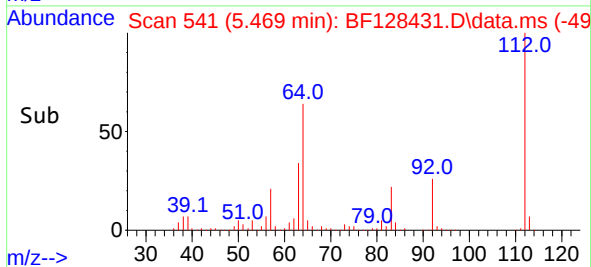
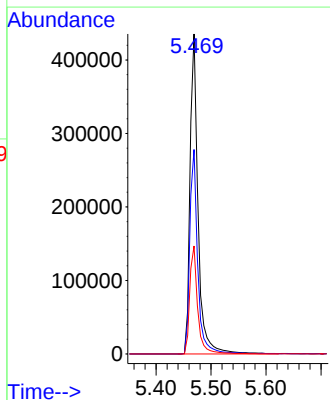
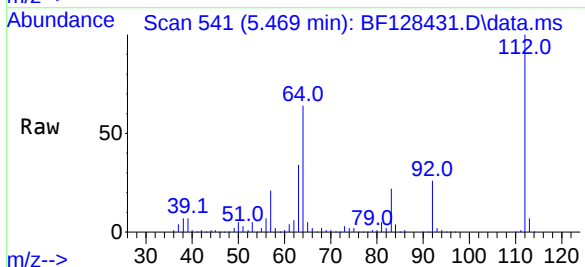
Instrument :
BNA_F
ClientSampleId :
P008-SS002-1218-01

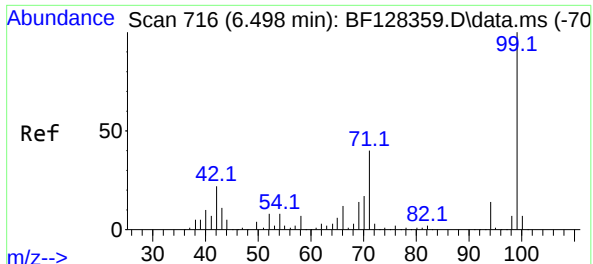
Tgt Ion:152 Resp: 95742
Ion Ratio Lower Upper
152 100
150 157.3 125.3 187.9
115 61.7 48.8 73.2



#5
2-Fluorophenol
Concen: 73.361 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.000 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Tgt Ion:112 Resp: 441366
Ion Ratio Lower Upper
112 100
64 63.9 49.5 74.3
63 33.7 26.3 39.5



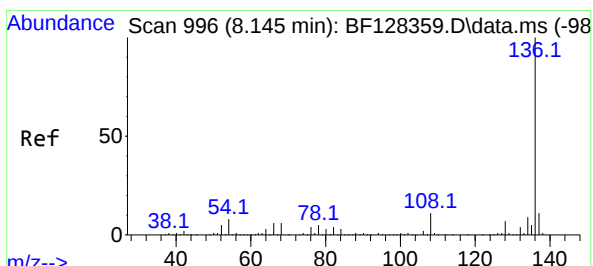
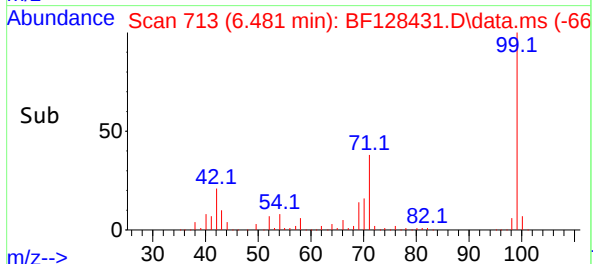
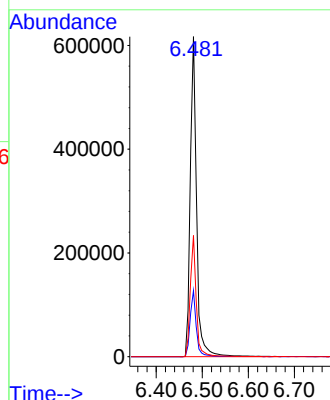
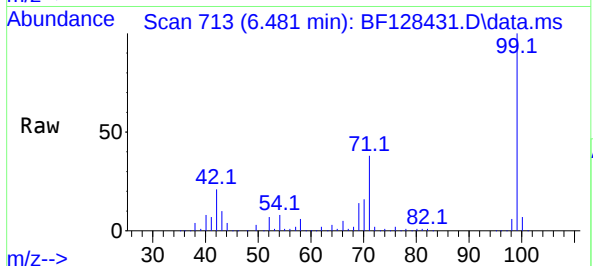


#7
Phenol-d6
Concen: 73.665 ng
RT: 6.481 min Scan# 716
Delta R.T. -0.012 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Instrument :
BNA_F
ClientSampleId :
P008-SS002-1218-01

Tgt Ion: 99 Resp: 583590

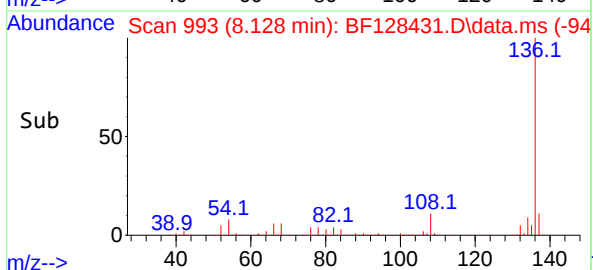
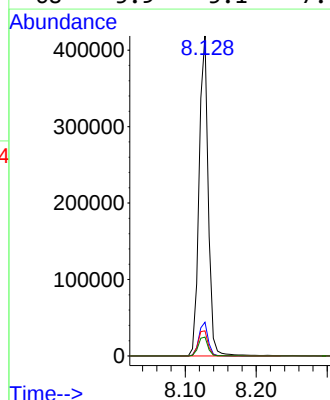
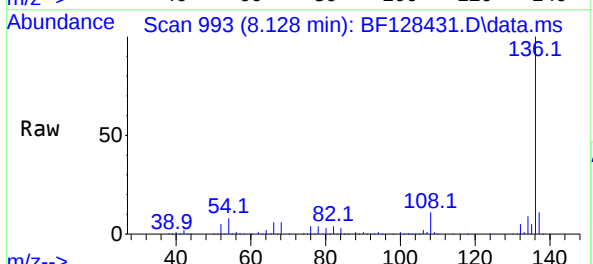
Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.6	24.8
71	37.8	30.0	45.0

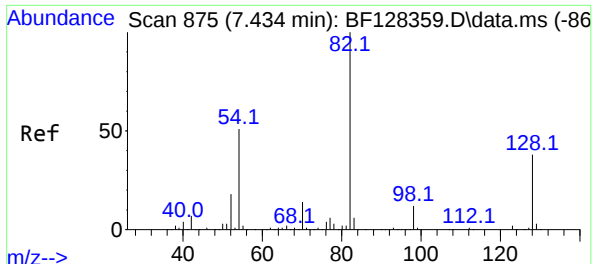


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Tgt Ion: 136 Resp: 375678

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.8	6.8	10.2
68	5.9	5.1	7.7

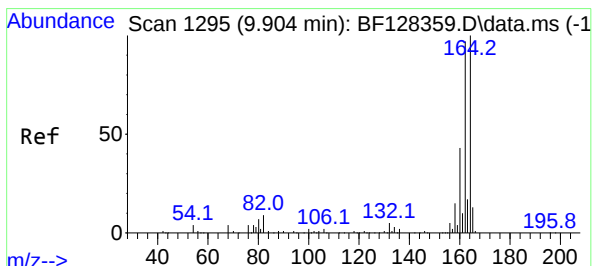
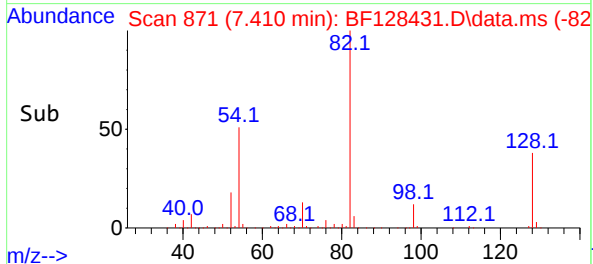
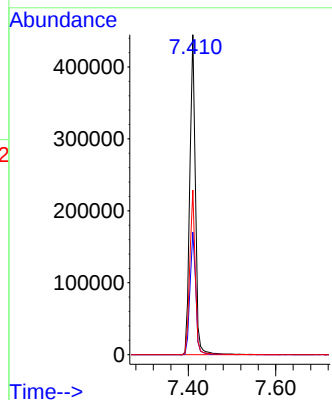
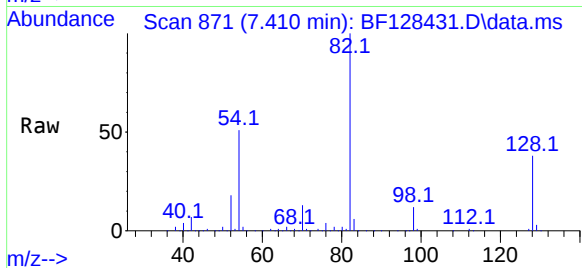




#23
Nitrobenzene-d5
Concen: 47.274 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

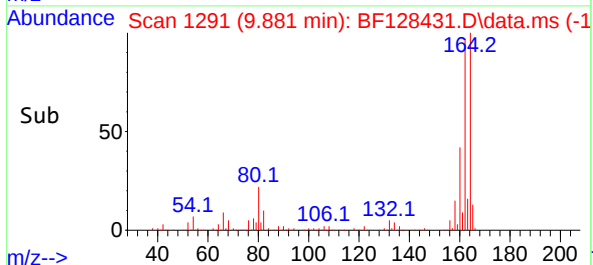
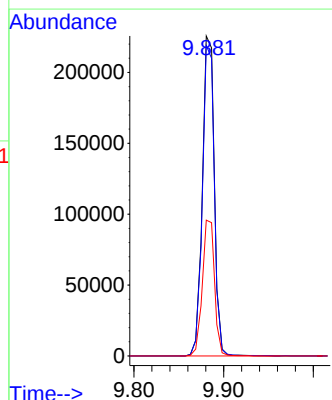
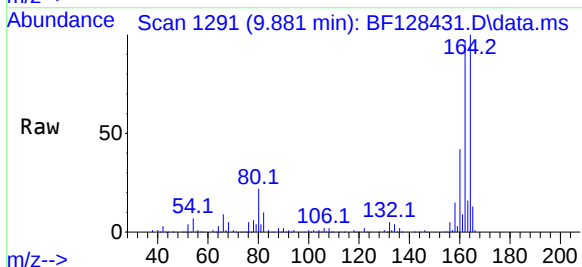
Instrument :
BNA_F
ClientSampleId :
P008-SS002-1218-01

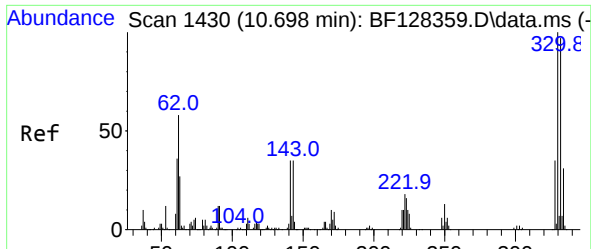
Tgt Ion: 82 Resp: 396379
Ion Ratio Lower Upper
82 100
128 38.3 30.0 45.0
54 51.5 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

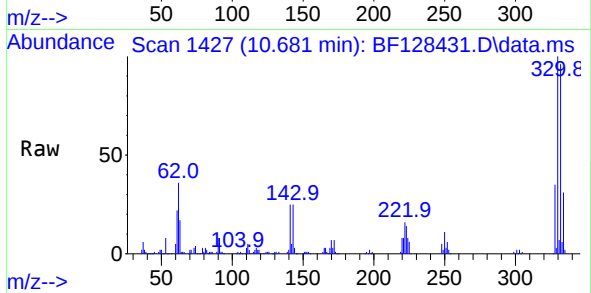
Tgt Ion: 164 Resp: 208653
Ion Ratio Lower Upper
164 100
162 97.0 76.0 114.0
160 42.5 34.8 52.2



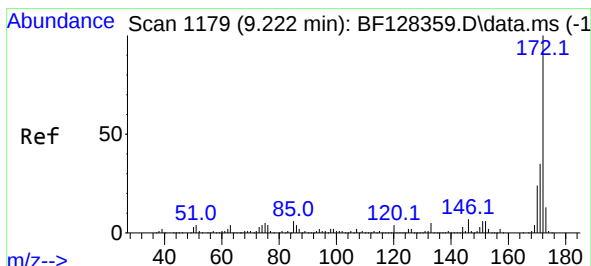
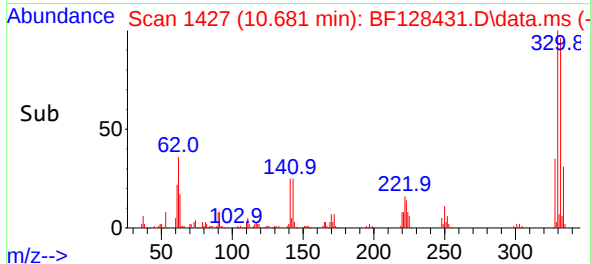
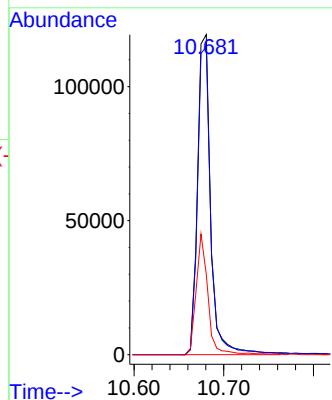


#42
2,4,6-Tribromophenol
Concen: 56.535 ng
RT: 10.681 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Instrument :
BNA_F
ClientSampleId :
P008-SS002-1218-01

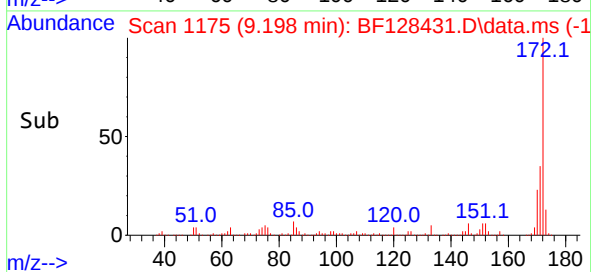
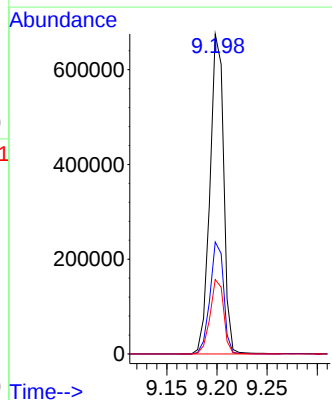
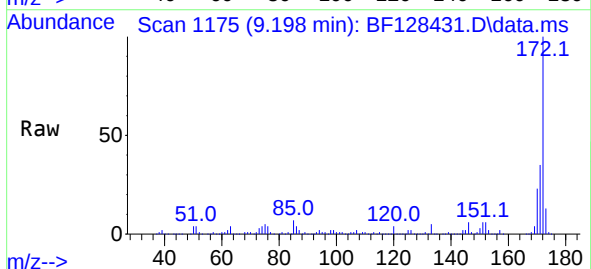


Tgt Ion:330 Resp: 121653
Ion Ratio Lower Upper
330 100
332 97.5 79.0 118.4
141 33.8 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 50.411 ng
RT: 9.198 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Tgt Ion:172 Resp: 643191
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 23.2 19.1 28.7

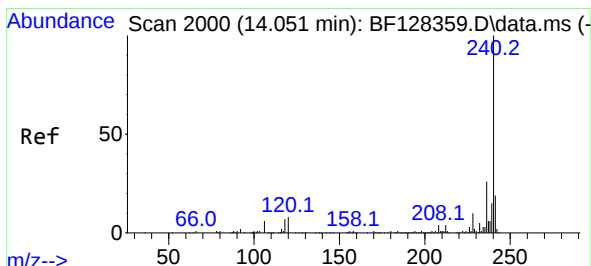
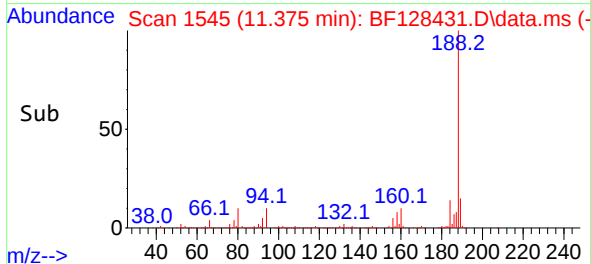
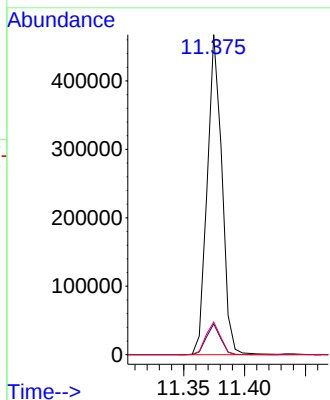
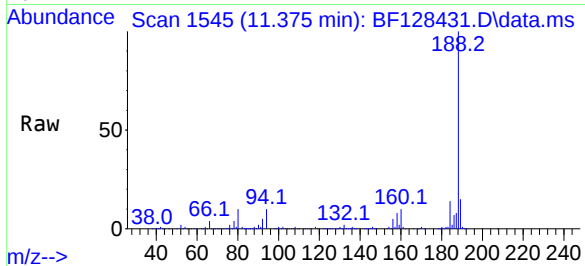




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

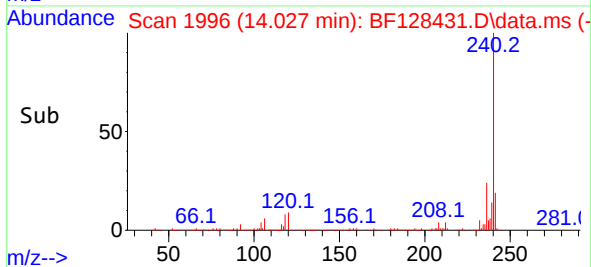
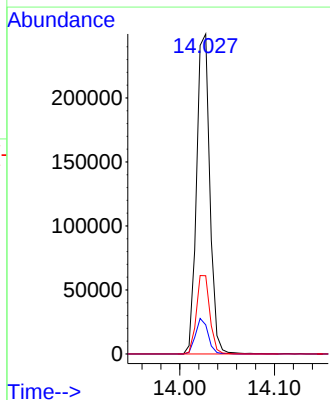
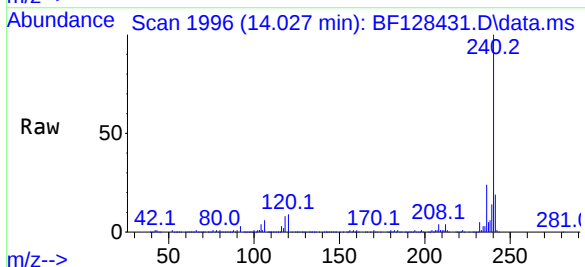
Instrument :
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ClientSampleId :
P008-SS002-1218-01

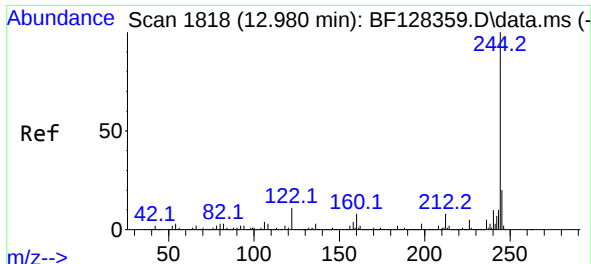
Tgt Ion:188 Resp: 389814
Ion Ratio Lower Upper
188 100
94 9.6 8.0 12.0
80 10.2 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128431.D
Acq: 24 May 2022 13:22

Tgt Ion:240 Resp: 243351
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.6
236 24.4 20.3 30.5

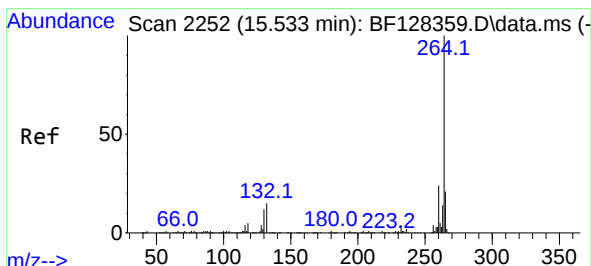
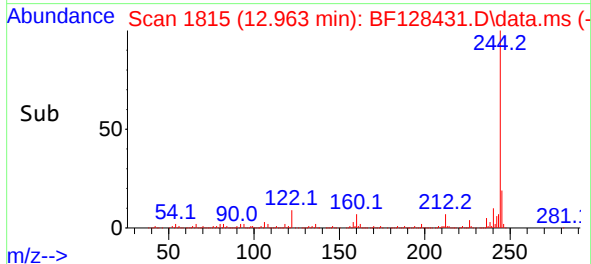
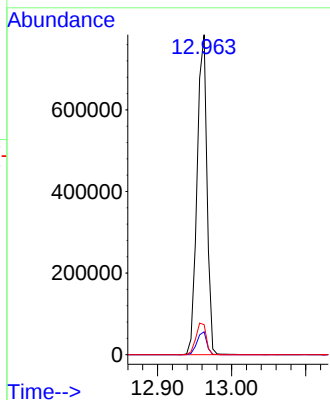
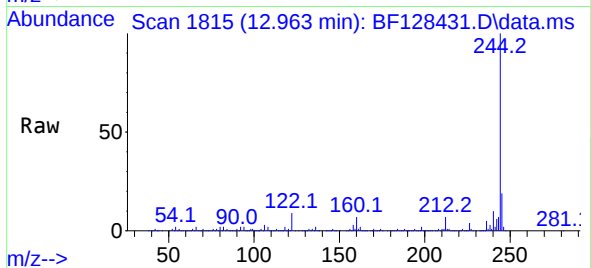




#79
 Terphenyl-d14
 Concen: 57.362 ng
 RT: 12.963 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128431.D
 Acq: 24 May 2022 13:22

Instrument :
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 P008-SS002-1218-01

Tgt Ion:244 Resp: 723116
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 9.4 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2248
 Delta R.T. 0.000 min
 Lab File: BF128431.D
 Acq: 24 May 2022 13:22

Tgt Ion:264 Resp: 201392
 Ion Ratio Lower Upper
 264 100
 260 23.0 20.1 30.1
 265 20.7 17.5 26.3

