

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
 Data File : BF128119.D
 Acq On : 06 May 2022 11:38
 Operator : CG\JU
 Sample : N2672-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 09

Quant Time: May 06 16:08:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	74495	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	288243	20.000	ng	-0.01
39) Acenaphthene-d10	9.945	164	171255	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	331609	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	216172	20.000	ng	0.00
86) Perylene-d12	15.586	264	164629	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	654226	139.881	ng	0.00
7) Phenol-d6	6.540	99	877689	144.624	ng	0.00
23) Nitrobenzene-d5	7.475	82	626370	102.186	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	277797	161.138	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1013035	100.073	ng	0.00
79) Terphenyl-d14	13.027	244	1188555	100.538	ng	0.00

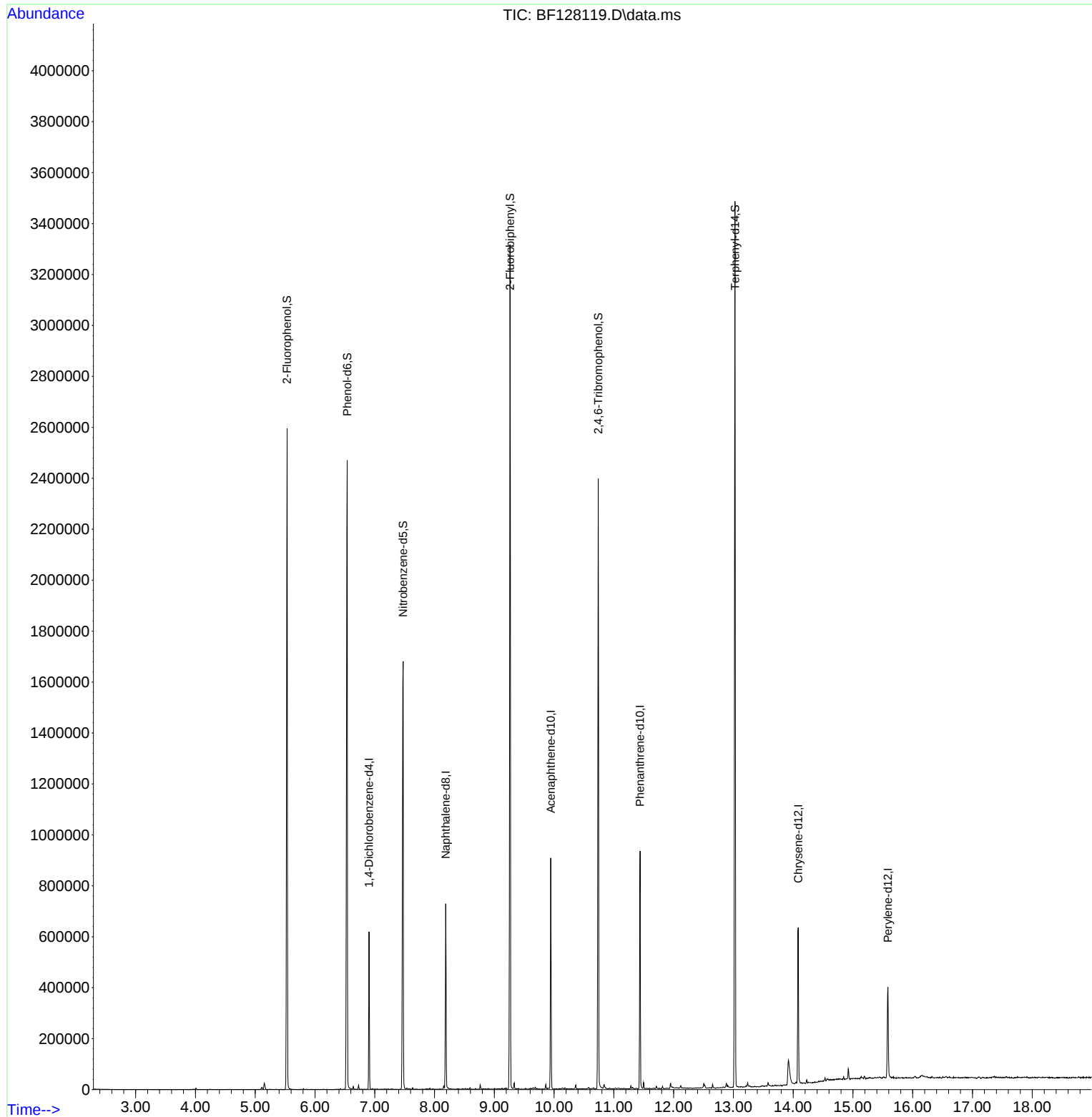
Target Compounds	Qvalue

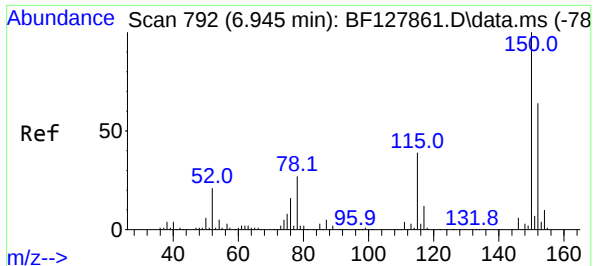
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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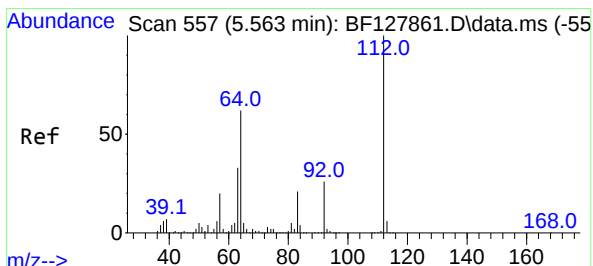
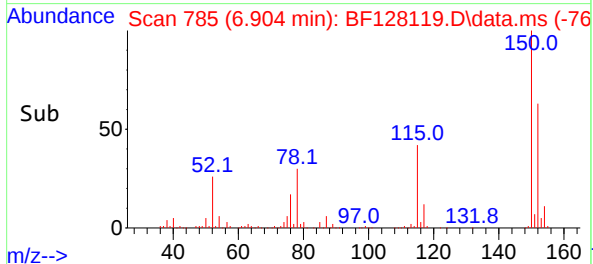
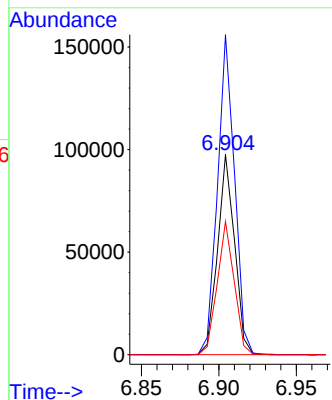
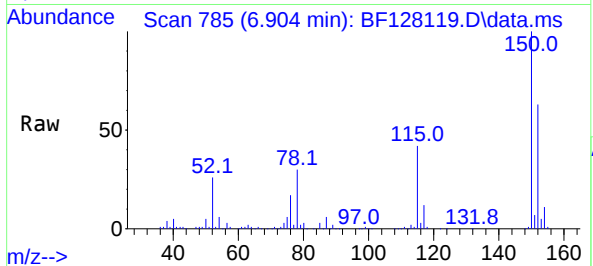




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

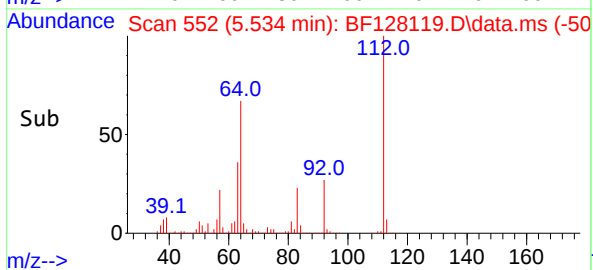
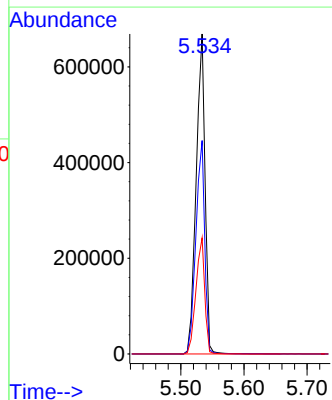
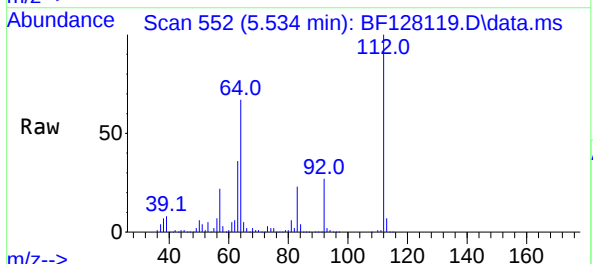
Instrument :
BNA_F
ClientSampleId :
09

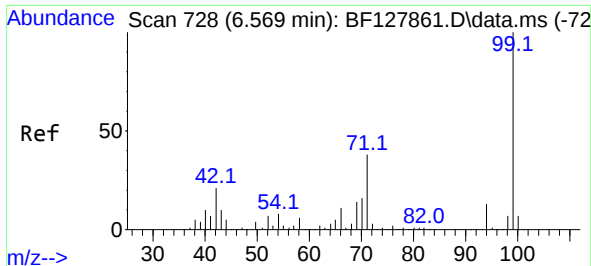
Tgt Ion:152 Resp: 74495
Ion Ratio Lower Upper
152 100
150 159.8 125.3 187.9
115 66.5 48.8 73.2



#5
2-Fluorophenol
Concen: 139.881 ng
RT: 5.534 min Scan# 552
Delta R.T. 0.000 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

Tgt Ion:112 Resp: 654226
Ion Ratio Lower Upper
112 100
64 66.7 49.5 74.3
63 36.3 26.3 39.5

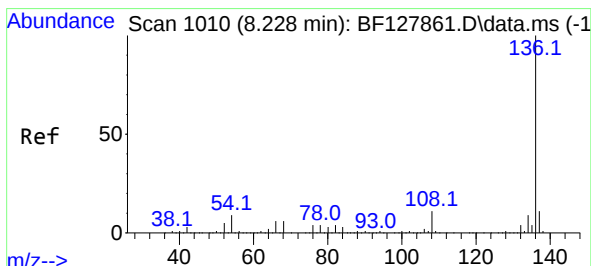
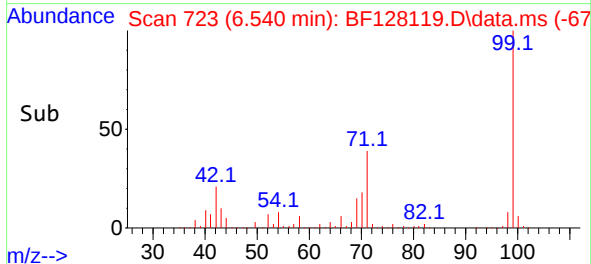
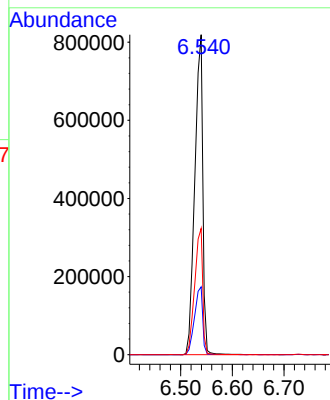
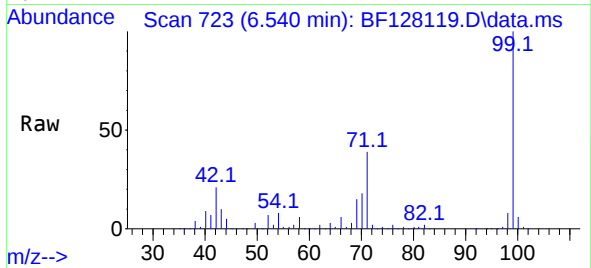




#7
Phenol-d6
Concen: 144.624 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

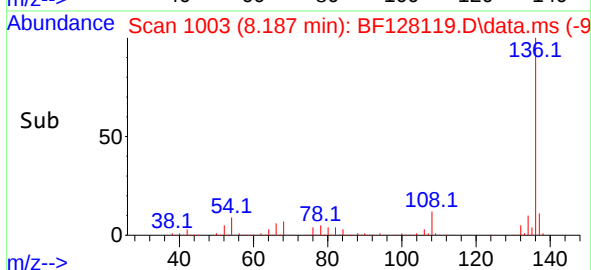
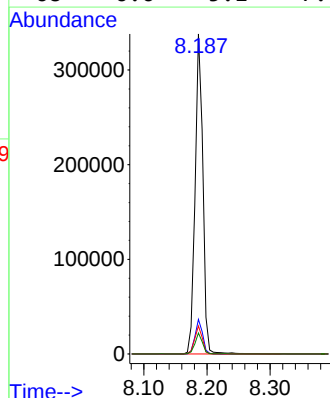
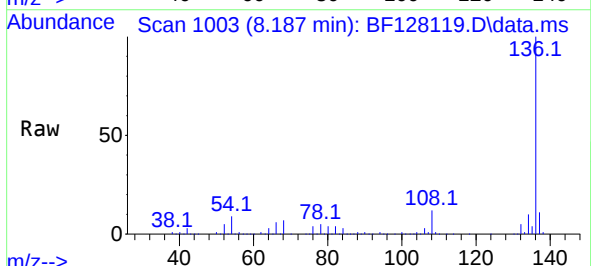
Instrument :
BNA_F
ClientSampleId :
09

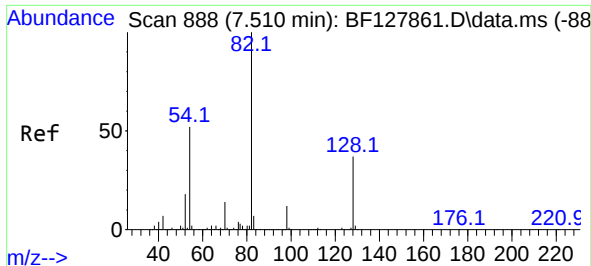
Tgt Ion: 99 Resp: 877689
Ion Ratio Lower Upper
99 100
42 21.2 16.6 24.8
71 39.5 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1003
Delta R.T. -0.012 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

Tgt Ion: 136 Resp: 288243
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.8 6.8 10.2
68 6.6 5.1 7.7

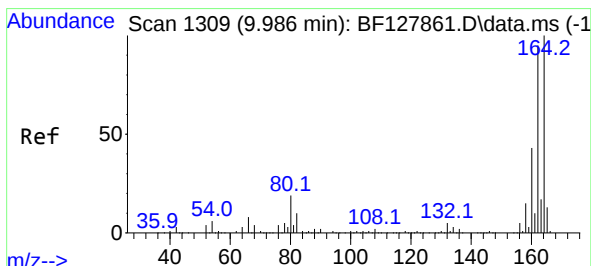
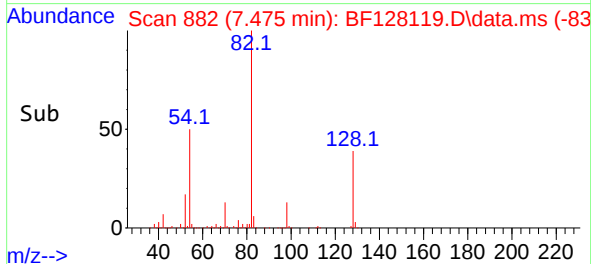
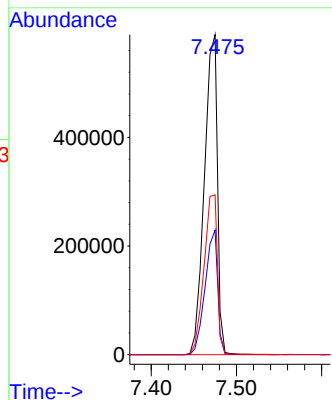
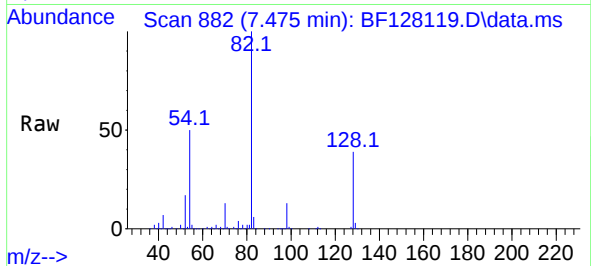




#23
Nitrobenzene-d5
Concen: 102.186 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

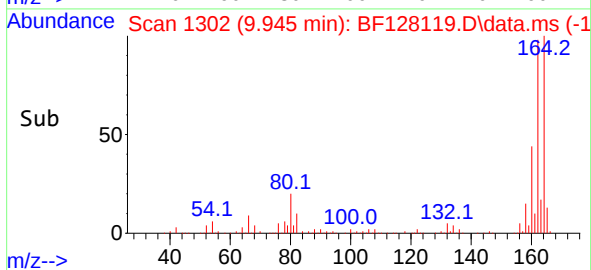
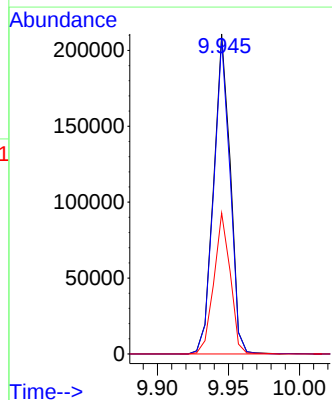
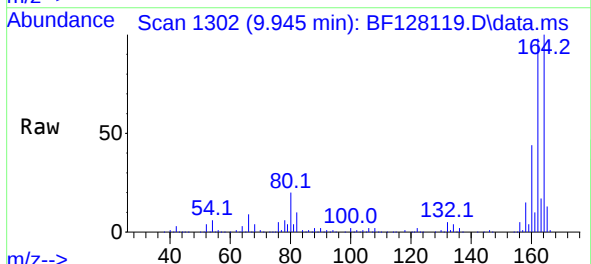
Instrument :
BNA_F
ClientSampleId :
09

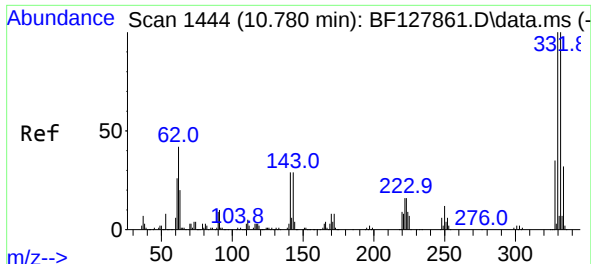
Tgt Ion: 82 Resp: 626370
Ion Ratio Lower Upper
82 100
128 39.0 30.0 45.0
54 49.9 41.3 61.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

Tgt Ion: 164 Resp: 171255
Ion Ratio Lower Upper
164 100
162 98.4 76.0 114.0
160 44.1 34.8 52.2

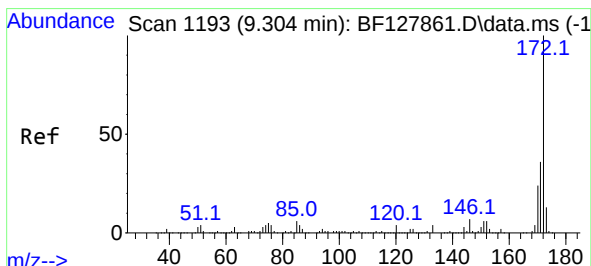
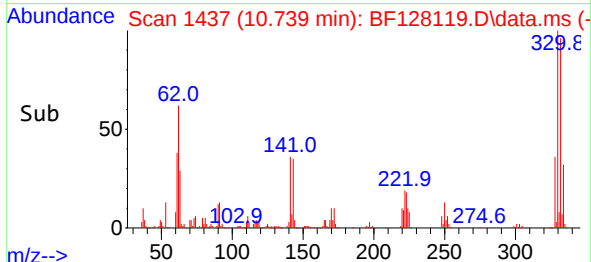
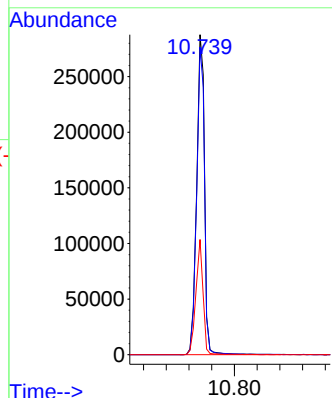
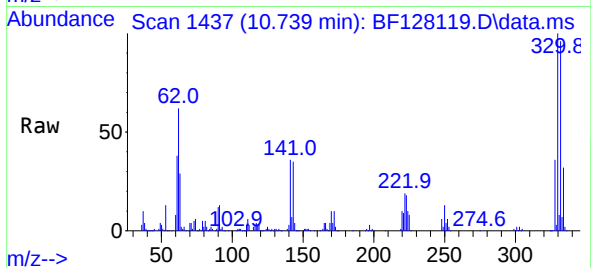




#42
2,4,6-Tribromophenol
Concen: 161.138 ng
RT: 10.739 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

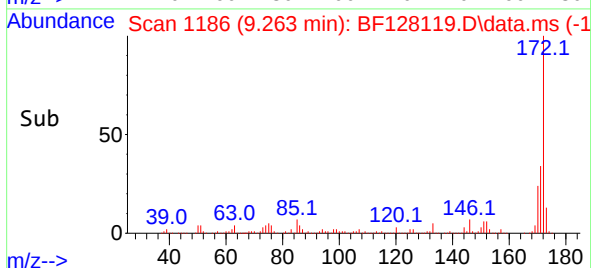
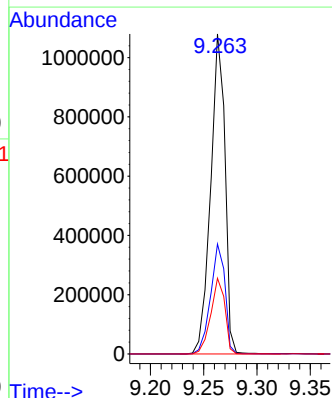
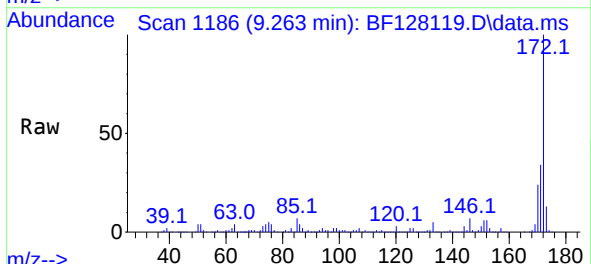
Instrument :
BNA_F
ClientSampleId :
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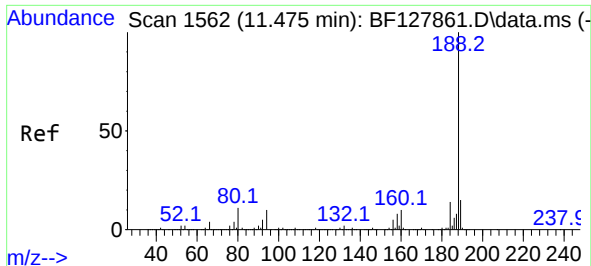
Tgt Ion:330 Resp: 277797
Ion Ratio Lower Upper
330 100
332 95.7 79.0 118.4
141 33.0 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 100.073 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

Tgt Ion:172 Resp: 1013035
Ion Ratio Lower Upper
172 100
171 34.4 28.6 42.8
170 23.7 19.1 28.7

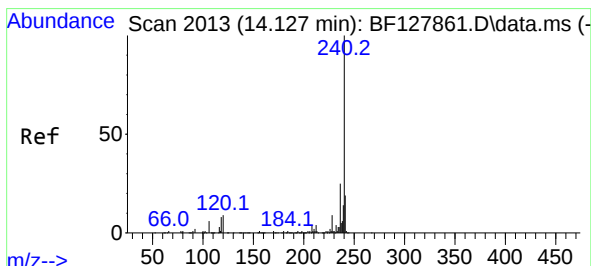
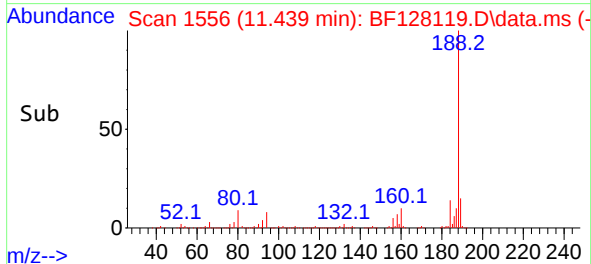
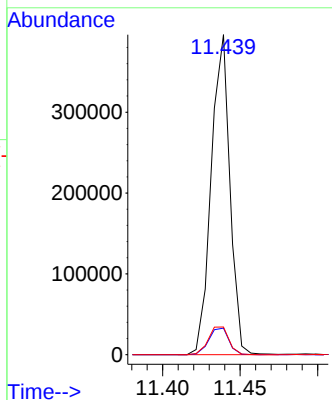
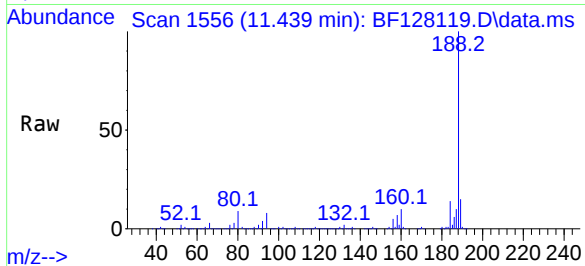




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

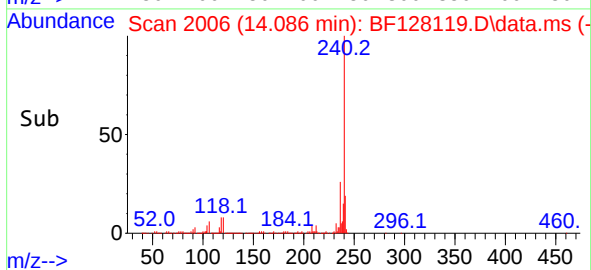
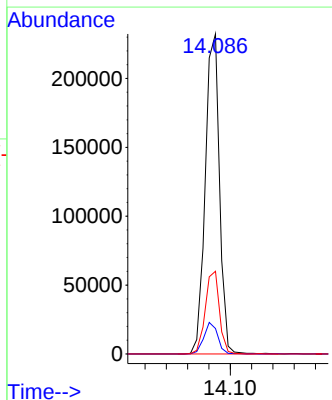
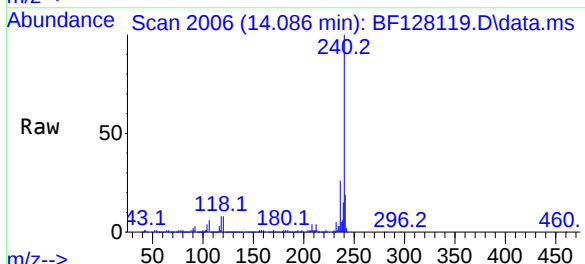
Instrument :
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ClientSampleId :
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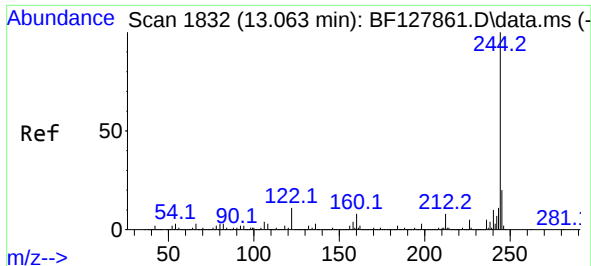
Tgt Ion:188 Resp: 331609
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 8.6 8.9 13.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

Tgt Ion:240 Resp: 216172
Ion Ratio Lower Upper
240 100
120 7.9 7.0 10.6
236 25.9 20.3 30.5

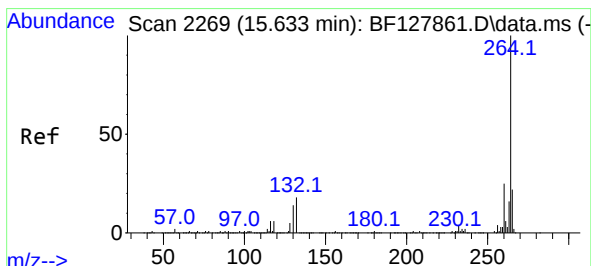
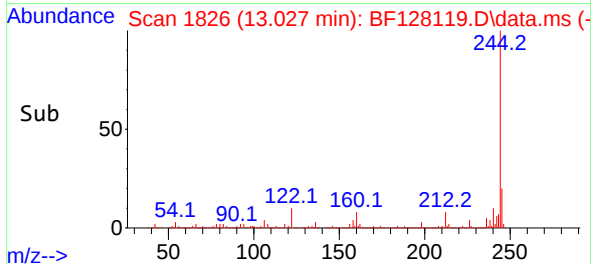
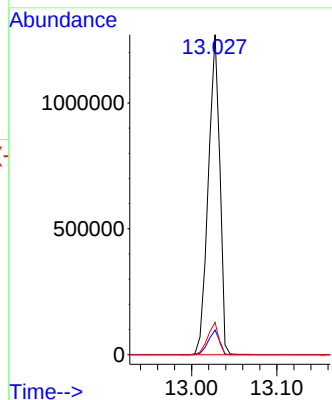
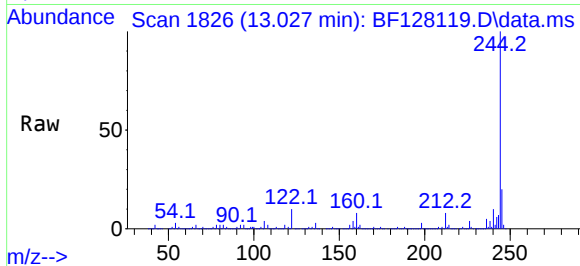




#79
 Terphenyl-d14
 Concen: 100.538 ng
 RT: 13.027 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128119.D
 Acq: 06 May 2022 11:38

Instrument :
 BNA_F
 ClientSampleId :
 09

Tgt Ion:244 Resp: 1188555
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.4
 122 10.1 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2261
 Delta R.T. -0.006 min
 Lab File: BF128119.D
 Acq: 06 May 2022 11:38

Tgt Ion:264 Resp: 164629
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.1 30.1
 265 20.3 17.5 26.3

