

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041522\
 Data File : BF127809.D
 Acq On : 15 Apr 2022 17:56
 Operator : CG\JU
 Sample : N2394-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-8

Quant Time: Apr 18 01:25:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 16:40:15 2022
 Response via : Initial Calibration

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

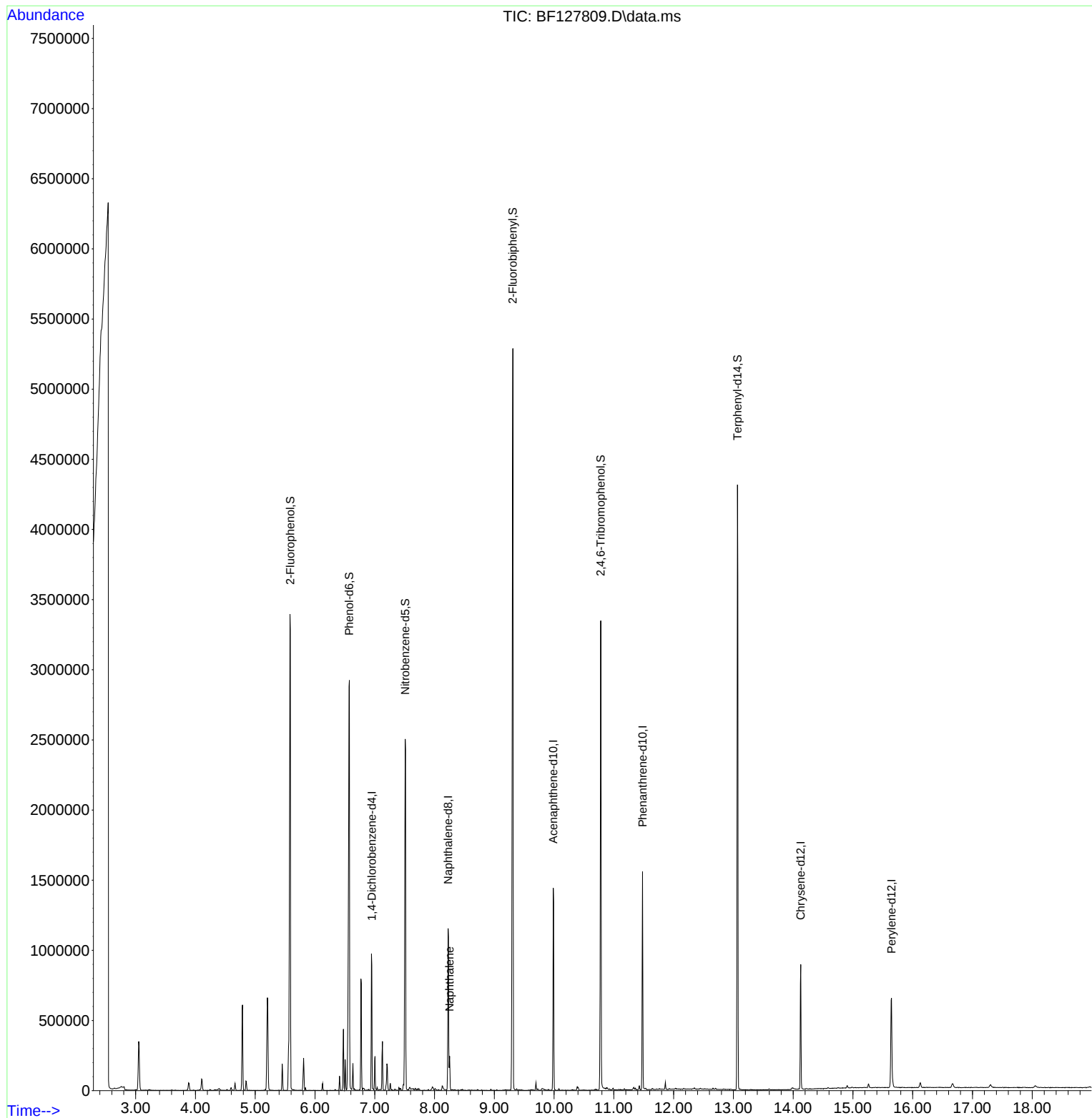
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	142666	20.000	ng	-0.01
21) Naphthalene-d8	8.228	136	533792	20.000	ng	#-0.02
39) Acenaphthene-d10	9.986	164	310152	20.000	ng	-0.02
64) Phenanthrene-d10	11.480	188	519782	20.000	ng	-0.01
76) Chrysene-d12	14.127	240	313815	20.000	ng	-0.02
86) Perylene-d12	15.645	264	323146	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	976316	111.198	ng	0.00
7) Phenol-d6	6.575	99	1137341	99.019	ng	-0.01
23) Nitrobenzene-d5	7.510	82	1000526	83.562	ng	-0.02
42) 2,4,6-Tribromophenol	10.780	330	401213	121.562	ng	-0.02
45) 2-Fluorobiphenyl	9.310	172	1756982	80.140	ng	-0.01
79) Terphenyl-d14	13.069	244	1626964	85.575	ng	-0.01
Target Compounds						
31) Naphthalene	8.251	128	93192	3.332	ng	Qvalue 97

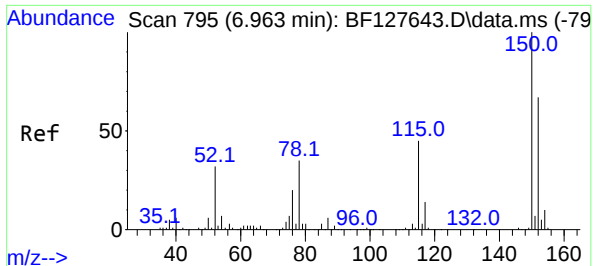
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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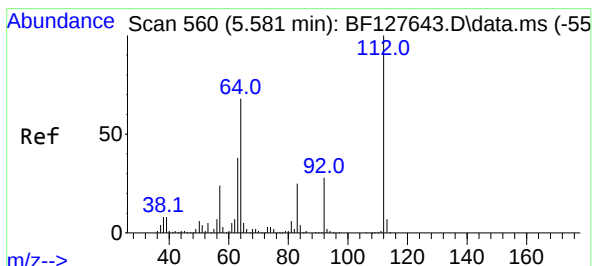
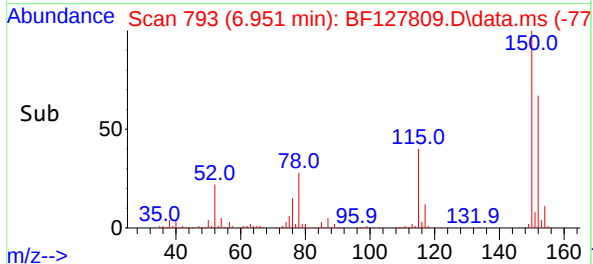
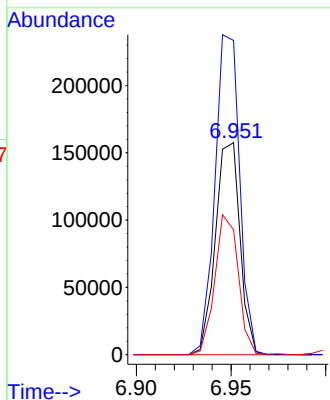
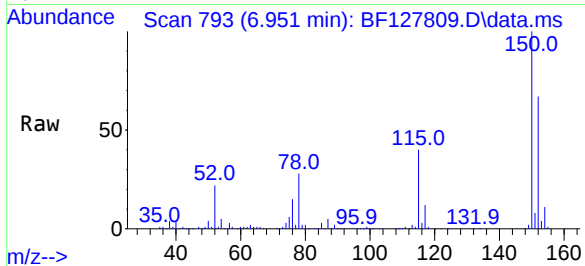




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 795
Delta R.T. -0.012 min
Lab File: BF127809.D
Acq: 15 Apr 2022 17:56

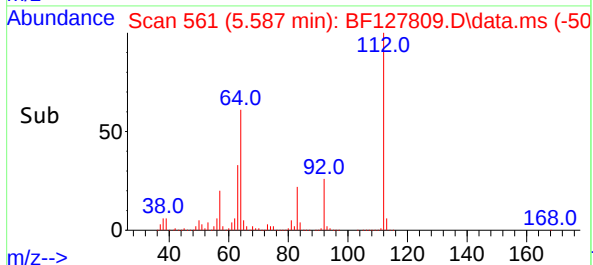
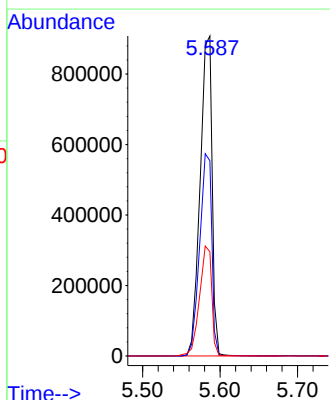
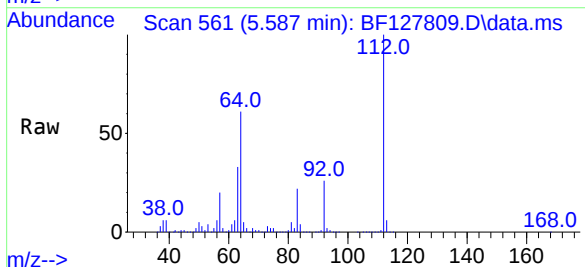
Instrument :
BNA_F
ClientSampleId :
CS-8

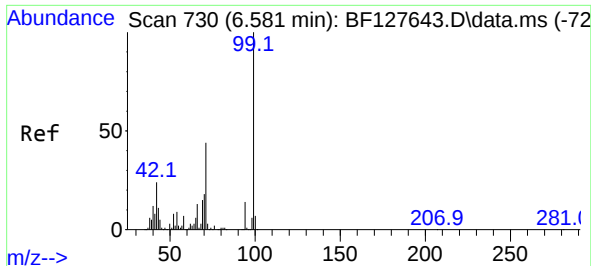
Tgt Ion:152 Resp: 142666
Ion Ratio Lower Upper
152 100
150 148.2 117.2 175.8
115 58.9 49.8 74.6



#5
2-Fluorophenol
Concen: 111.198 ng
RT: 5.587 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF127809.D
Acq: 15 Apr 2022 17:56

Tgt Ion:112 Resp: 976316
Ion Ratio Lower Upper
112 100
64 61.0 58.4 87.6
63 32.6 30.1 45.1

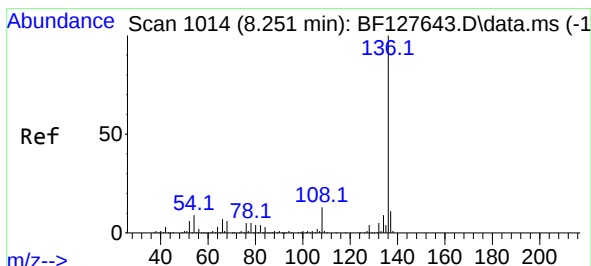
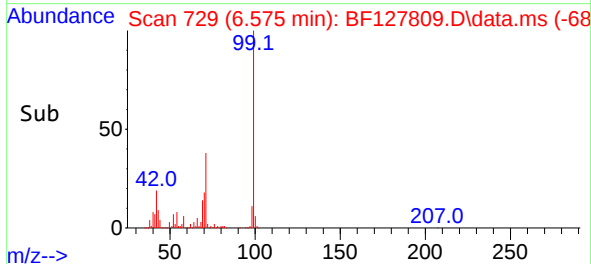
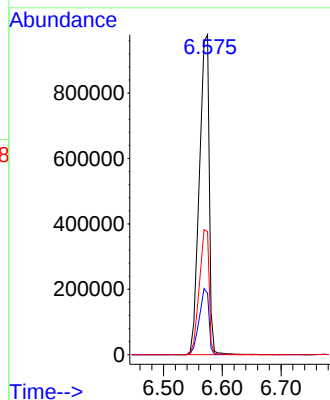
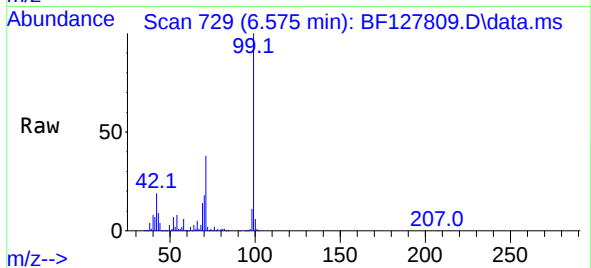




#7
Phenol-d6
Concen: 99.019 ng
RT: 6.575 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127809.D
Acq: 15 Apr 2022 17:56

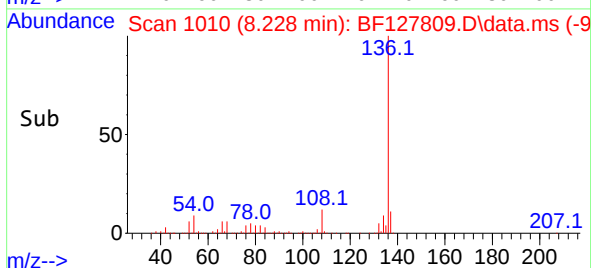
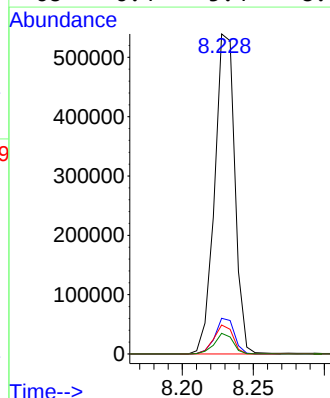
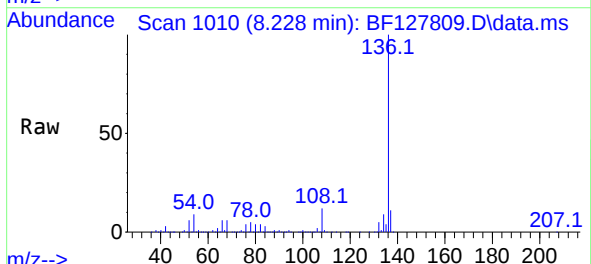
Instrument :
BNA_F
ClientSampleId :
CS-8

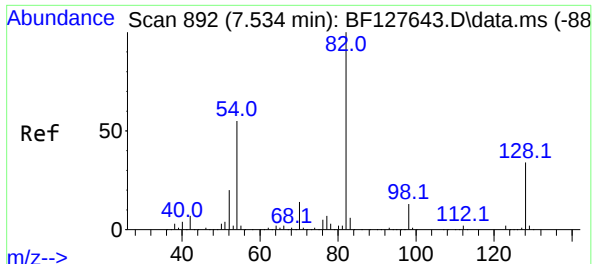
Tgt Ion: 99 Resp: 1137341
Ion Ratio Lower Upper
99 100
42 19.2 17.8 26.6
71 38.4 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. -0.018 min
Lab File: BF127809.D
Acq: 15 Apr 2022 17:56

Tgt Ion: 136 Resp: 533792
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.0 9.2 13.8#
68 6.4 5.4 8.0

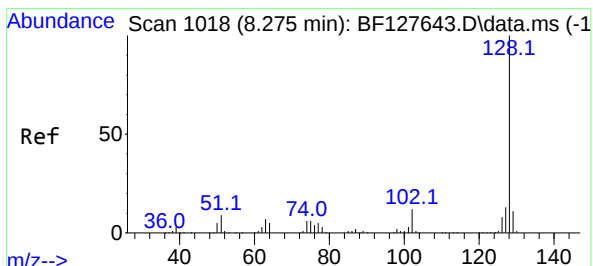
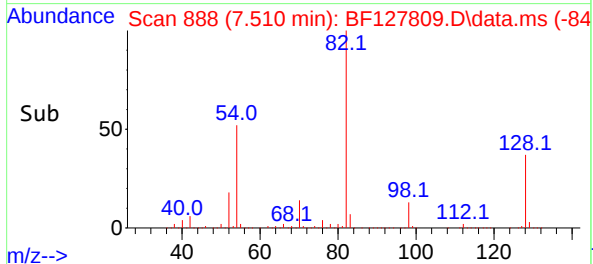
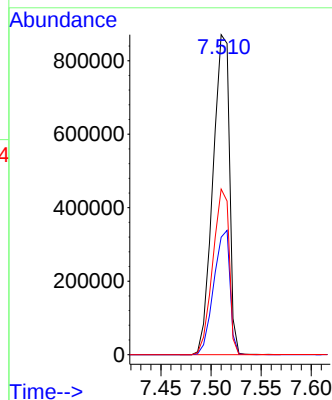
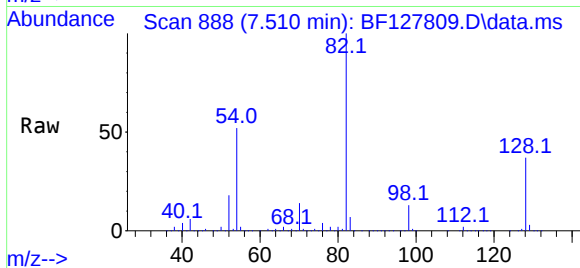




#23
Nitrobenzene-d5
Concen: 83.562 ng
RT: 7.510 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF127809.D
Acq: 15 Apr 2022 17:56

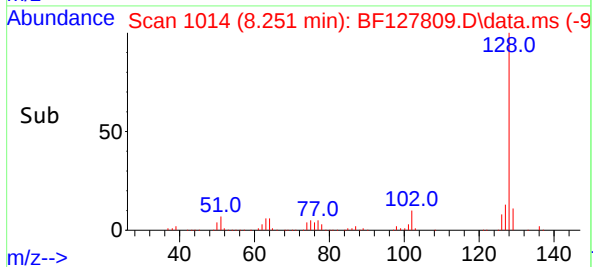
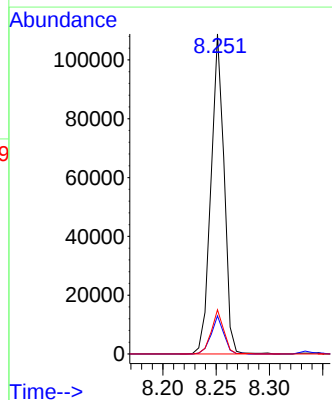
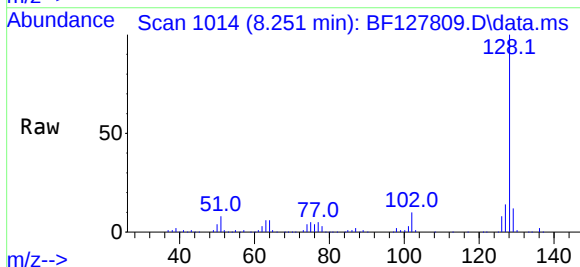
Instrument :
BNA_F
ClientSampleId :
CS-8

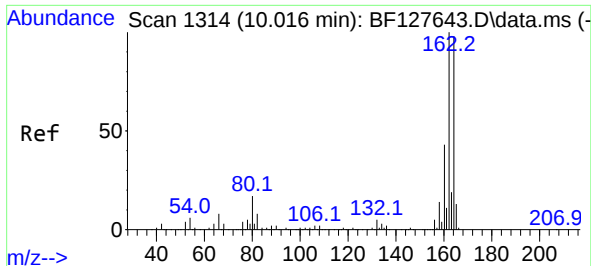
Tgt Ion: 82 Resp: 1000526
Ion Ratio Lower Upper
82 100
128 36.7 30.6 45.8
54 51.7 48.2 72.2



#31
Naphthalene
Concen: 3.332 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.018 min
Lab File: BF127809.D
Acq: 15 Apr 2022 17:56

Tgt Ion: 128 Resp: 93192
Ion Ratio Lower Upper
128 100
129 11.9 8.4 12.6
127 13.8 10.2 15.2

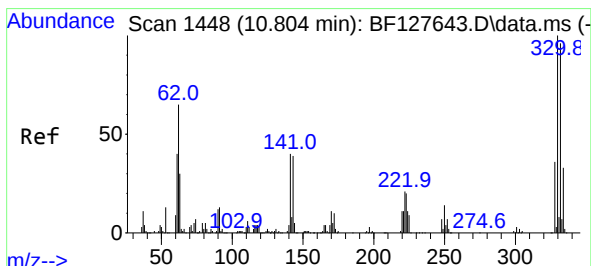
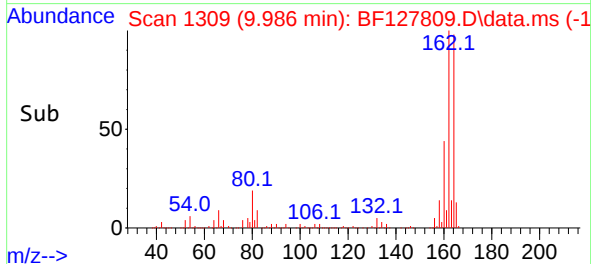
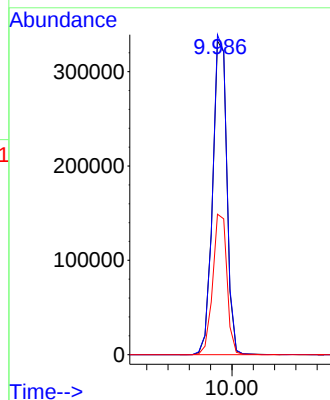
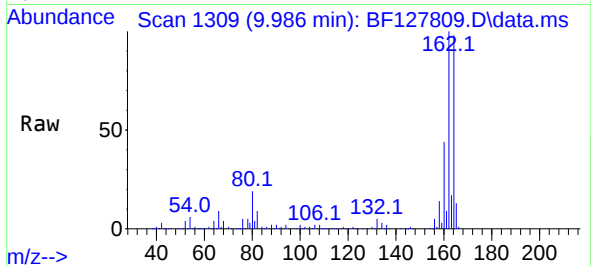




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF127809.D
Acq: 15 Apr 2022 17:56

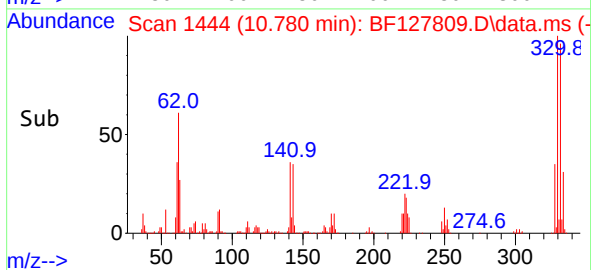
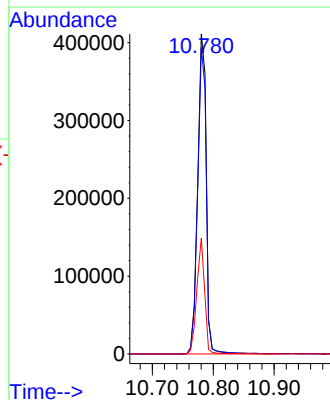
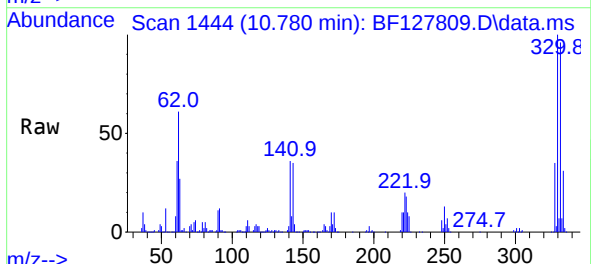
Instrument :
BNA_F
ClientSampleId :
CS-8

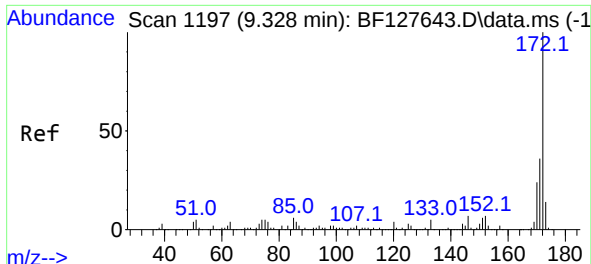
Tgt Ion:164 Resp: 310152
Ion Ratio Lower Upper
164 100
162 102.0 81.2 121.8
160 44.8 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 121.562 ng
RT: 10.780 min Scan# 1444
Delta R.T. -0.018 min
Lab File: BF127809.D
Acq: 15 Apr 2022 17:56

Tgt Ion:330 Resp: 401213
Ion Ratio Lower Upper
330 100
332 96.0 79.1 118.7
141 33.1 26.2 39.4

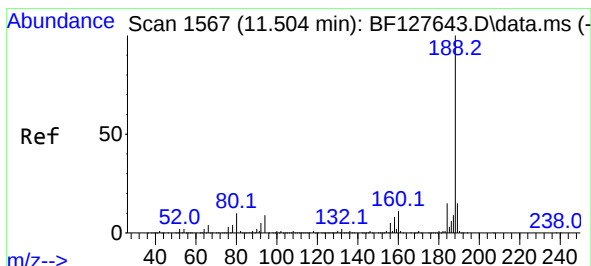
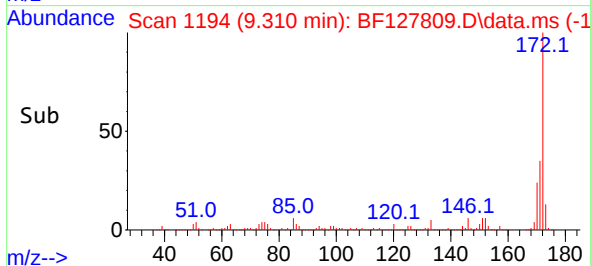
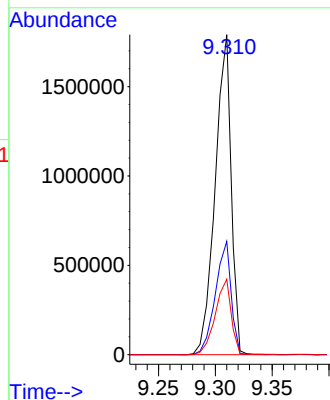
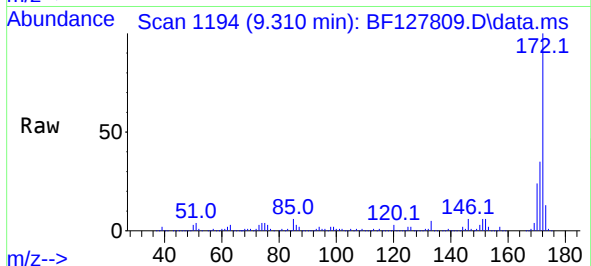




#45
2-Fluorobiphenyl
Concen: 80.140 ng
RT: 9.310 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF127809.D
Acq: 15 Apr 2022 17:56

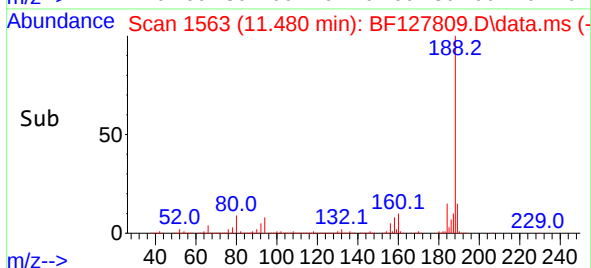
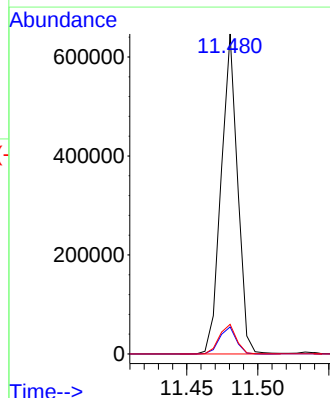
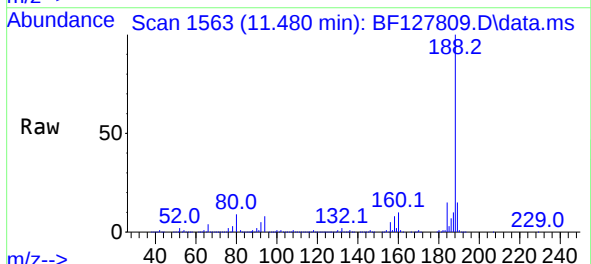
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CS-8

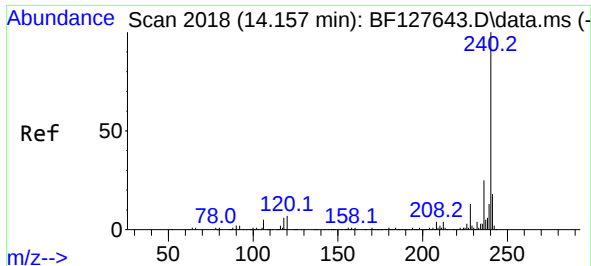
Tgt Ion:172 Resp: 1756982
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.6 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BF127809.D
Acq: 15 Apr 2022 17:56

Tgt Ion:188 Resp: 519782
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.0
80 9.3 8.0 12.0

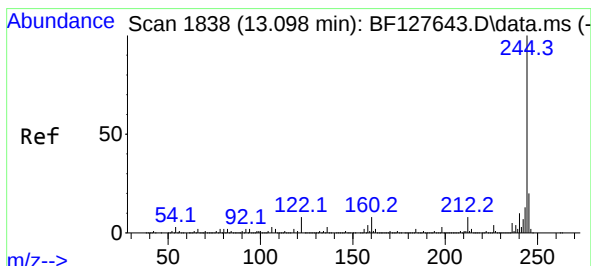
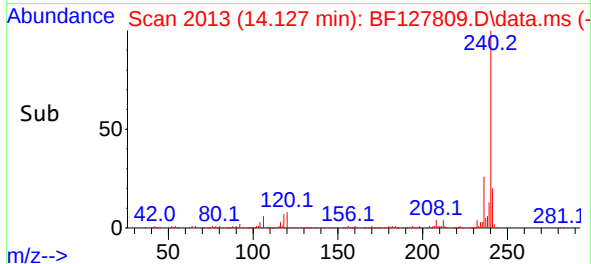
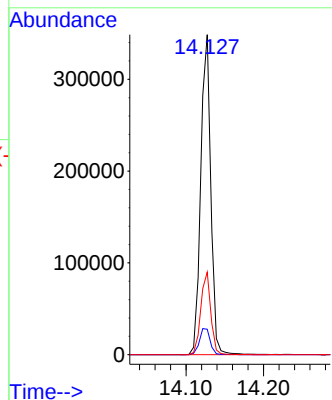
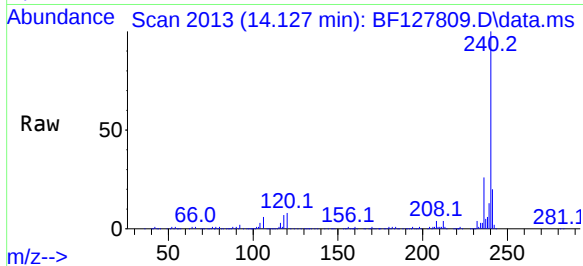




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2018
Delta R.T. -0.018 min
Lab File: BF127809.D
Acq: 15 Apr 2022 17:56

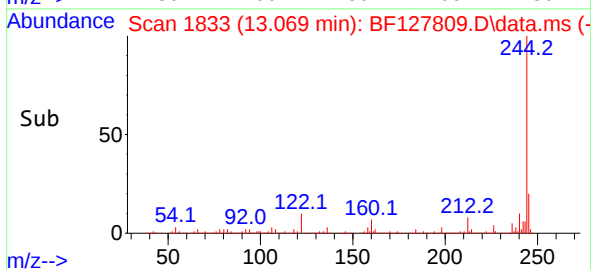
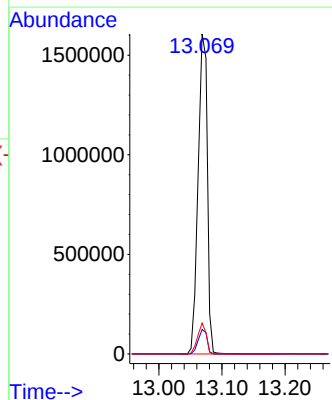
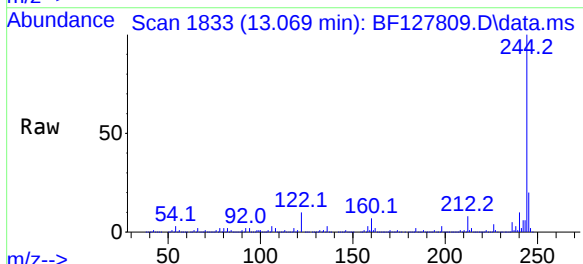
Instrument :
BNA_F
ClientSampleId :
CS-8

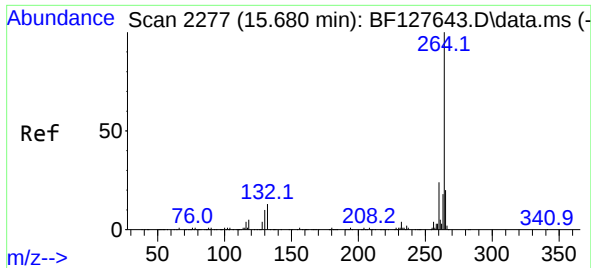
Tgt Ion:240 Resp: 313815
Ion Ratio Lower Upper
240 100
120 8.0 7.1 10.7
236 25.8 20.7 31.1



#79
Terphenyl-d14
Concen: 85.575 ng
RT: 13.069 min Scan# 1833
Delta R.T. -0.012 min
Lab File: BF127809.D
Acq: 15 Apr 2022 17:56

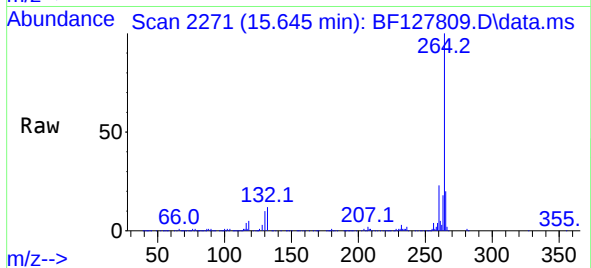
Tgt Ion:244 Resp: 1626964
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 9.7 6.2 9.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.645 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF127809.D
 Acq: 15 Apr 2022 17:56

Instrument :
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 ClientSampleId :
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Tgt Ion:264 Resp: 323146
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 20.0 17.4 26.2

