

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126992.D
 Acq On : 22 Feb 2022 00:05
 Operator : CG\JU
 Sample : N1602-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220078-BERKELEY-6-COMP

Quant Time: Feb 22 03:54:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	82708	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	338064	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	176429	20.000	ng	-0.01
64) Phenanthrene-d10	11.445	188	308092	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	141476	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	157921	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	414144	77.392	ng	0.00
7) Phenol-d6	6.534	99	541988	75.060	ng	-0.01
23) Nitrobenzene-d5	7.475	82	375544	50.142	ng	-0.02
42) 2,4,6-Tribromophenol	10.745	330	114383	56.309	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	579198	48.329	ng	-0.01
79) Terphenyl-d14	13.027	244	497244	51.667	ng	-0.01

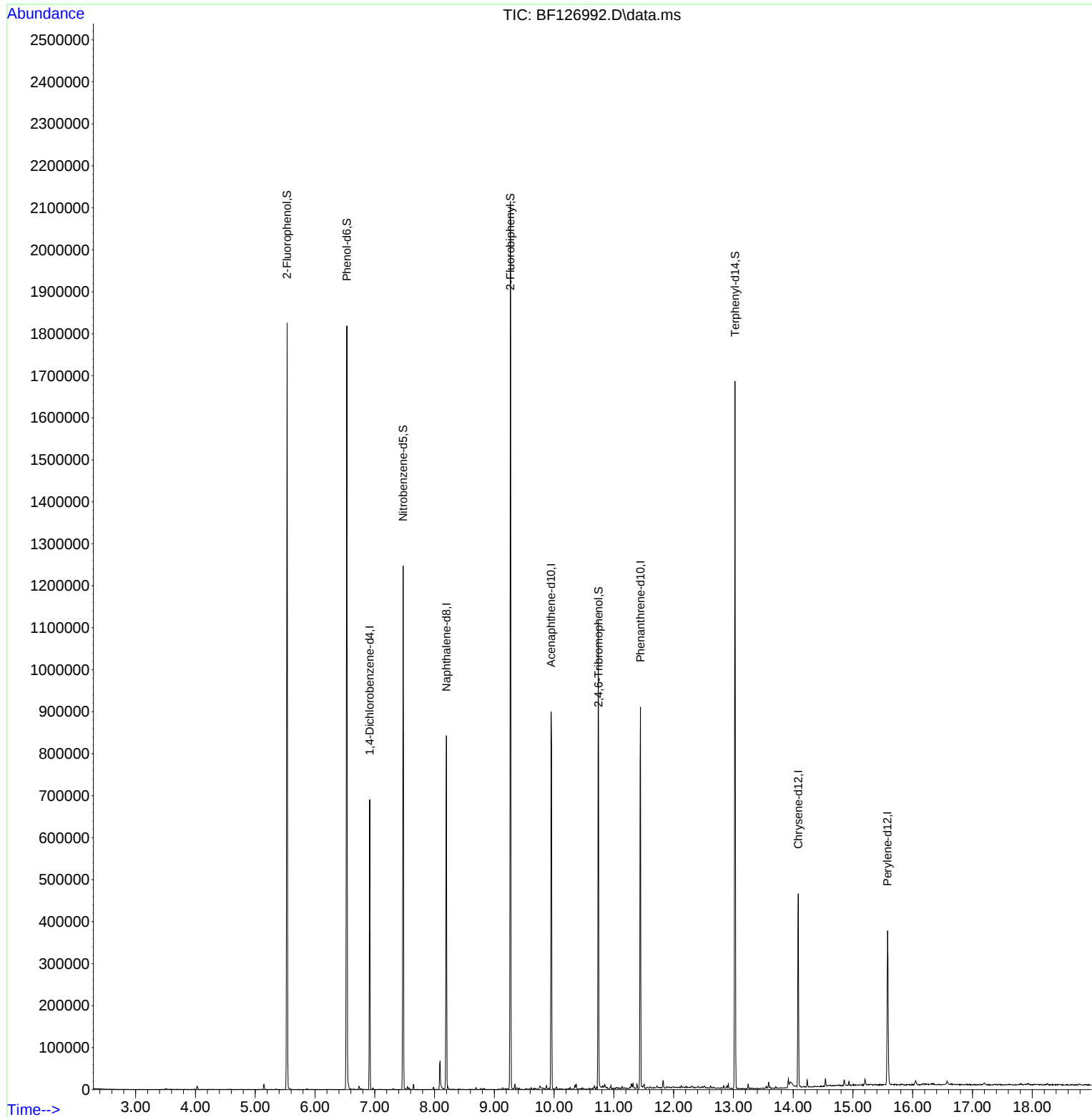
Target Compounds	Qvalue

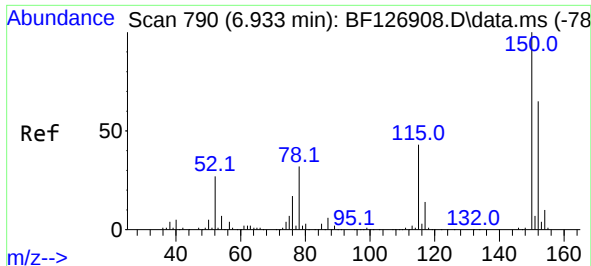
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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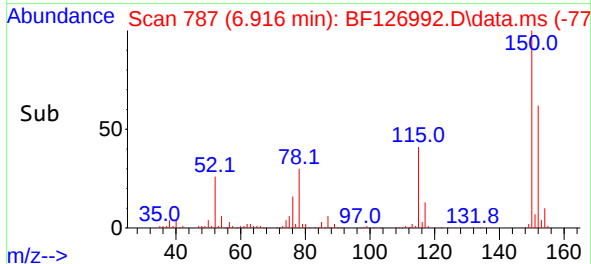
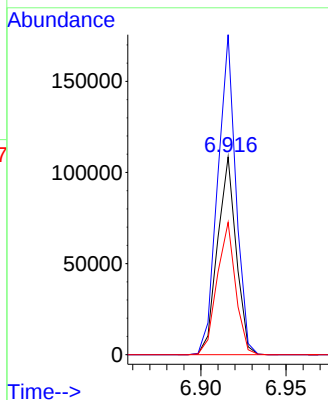
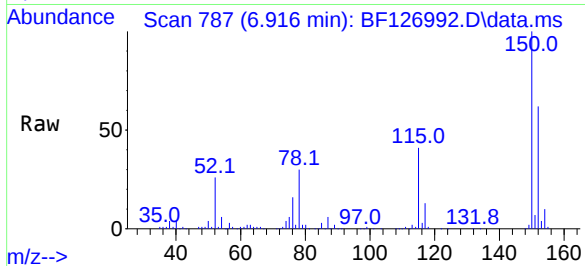




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126992.D
Acq: 22 Feb 2022 00:05

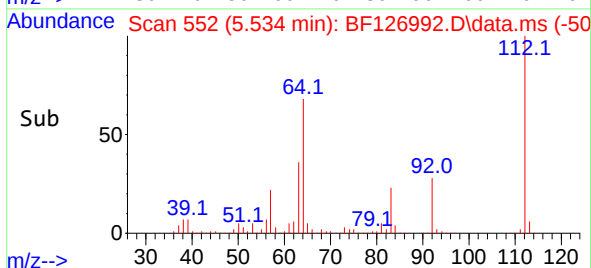
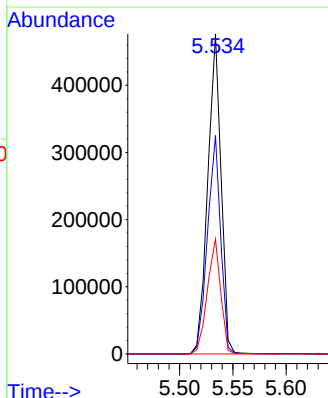
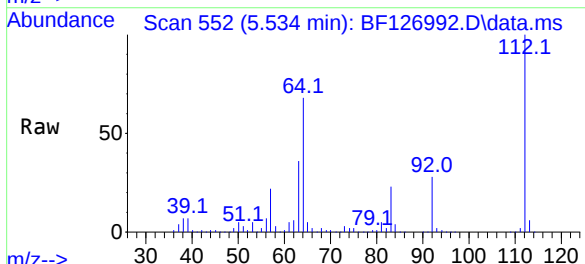
Instrument :
BNA_F
ClientSampleId :
20220078-BERKELEY-6-COMP

Tgt Ion:152 Resp: 82708
Ion Ratio Lower Upper
152 100
150 161.8 128.1 192.1
115 66.9 56.7 85.1



#5
2-Fluorophenol
Concen: 77.392 ng
RT: 5.534 min Scan# 552
Delta R.T. -0.006 min
Lab File: BF126992.D
Acq: 22 Feb 2022 00:05

Tgt Ion:112 Resp: 414144
Ion Ratio Lower Upper
112 100
64 68.2 49.5 74.3
63 35.9 23.9 35.9#

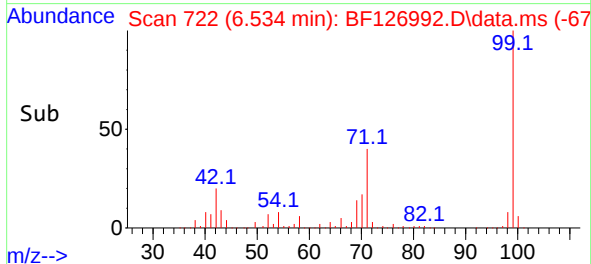
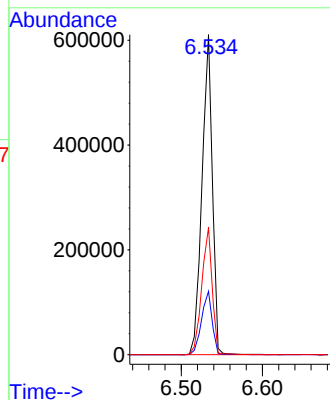
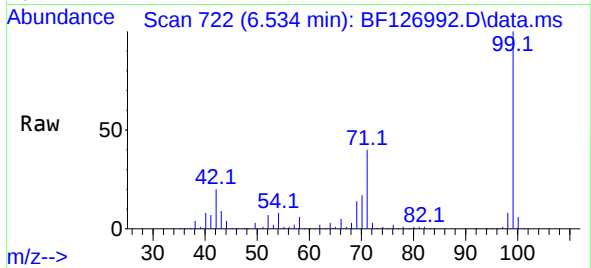




#7
Phenol-d6
Concen: 75.060 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126992.D
Acq: 22 Feb 2022 00:05

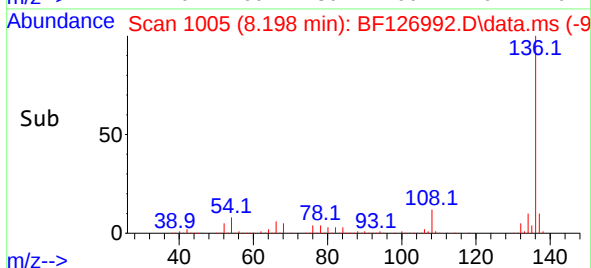
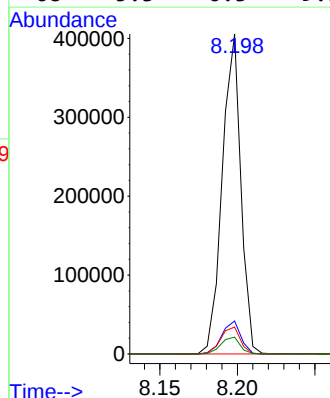
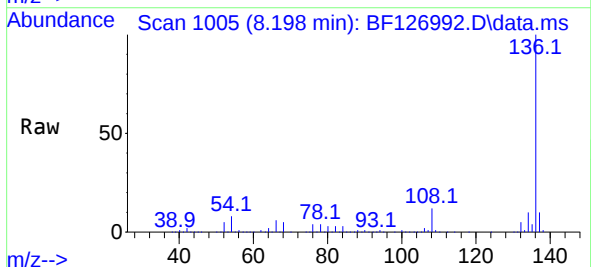
Instrument :
BNA_F
ClientSampleId :
20220078-BERKELEY-6-COMP

Tgt Ion: 99 Resp: 541988
Ion Ratio Lower Upper
99 100
42 19.8 14.2 21.4
71 39.7 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF126992.D
Acq: 22 Feb 2022 00:05

Tgt Ion:136 Resp: 338064
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.4 7.8 11.6
68 5.3 6.3 9.5#

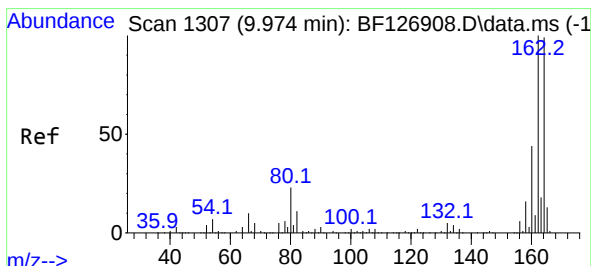
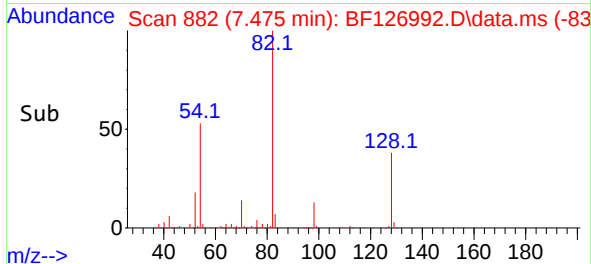
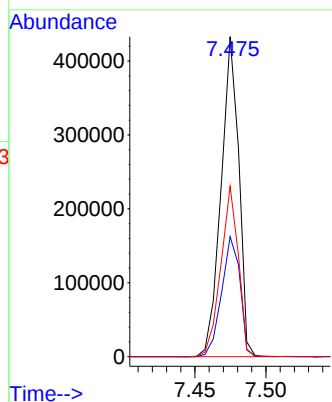
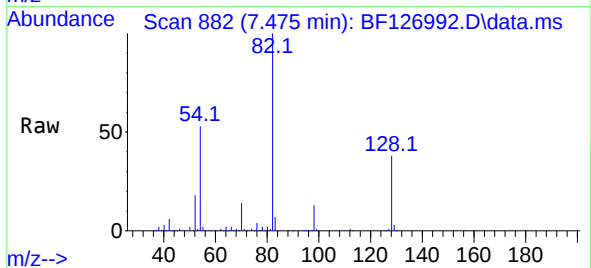




#23
Nitrobenzene-d5
Concen: 50.142 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF126992.D
Acq: 22 Feb 2022 00:05

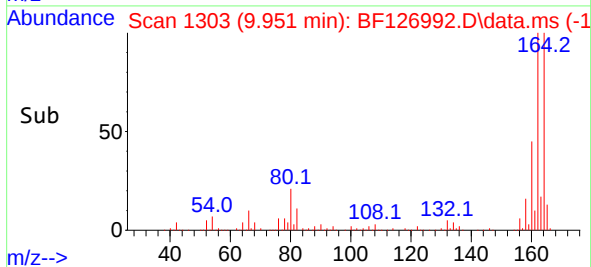
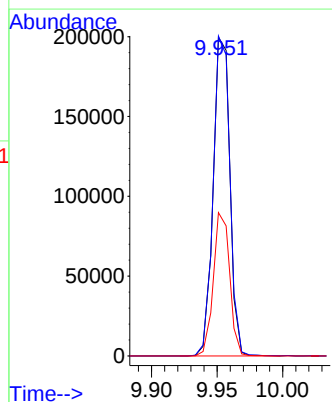
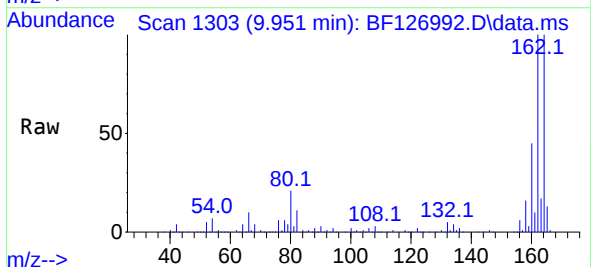
Instrument :
BNA_F
ClientSampleId :
20220078-BERKELEY-6-COMP

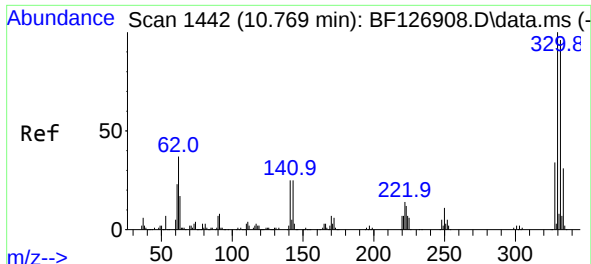
Tgt Ion: 82 Resp: 375544
Ion Ratio Lower Upper
82 100
128 37.5 32.7 49.1
54 53.3 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BF126992.D
Acq: 22 Feb 2022 00:05

Tgt Ion:164 Resp: 176429
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 45.0 36.6 54.8

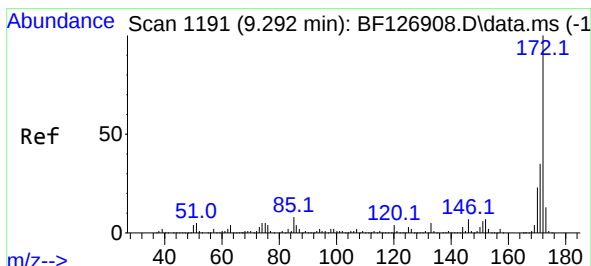
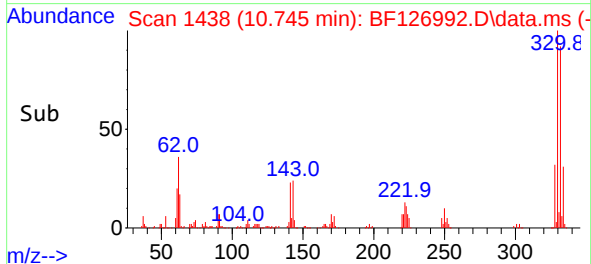
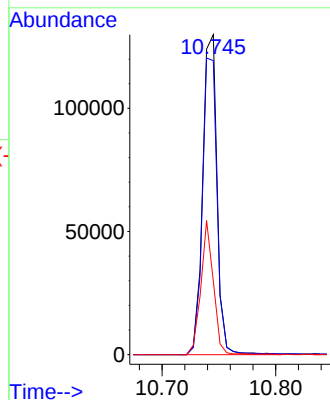
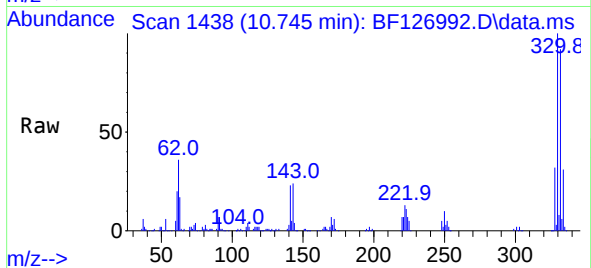




#42
2,4,6-Tribromophenol
Concen: 56.309 ng
RT: 10.745 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF126992.D
Acq: 22 Feb 2022 00:05

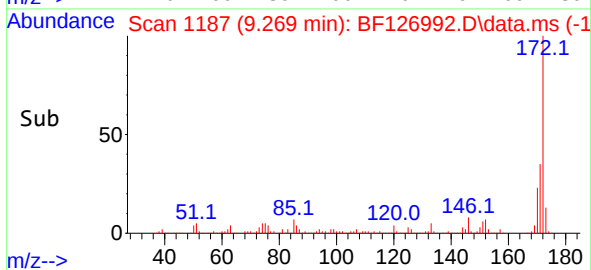
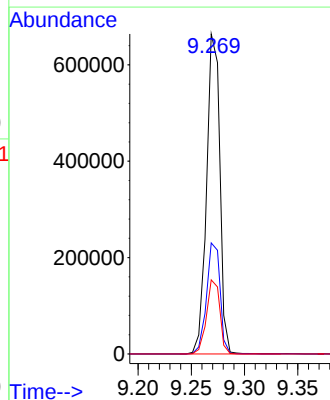
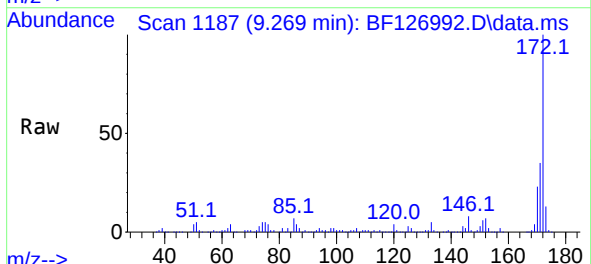
Instrument :
BNA_F
ClientSampleId :
20220078-BERKELEY-6-COMP

Tgt Ion: 330 Resp: 114383
Ion Ratio Lower Upper
330 100
332 94.6 76.0 114.0
141 36.7 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 48.329 ng
RT: 9.269 min Scan# 1187
Delta R.T. -0.012 min
Lab File: BF126992.D
Acq: 22 Feb 2022 00:05

Tgt Ion: 172 Resp: 579198
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.2 19.0 28.6

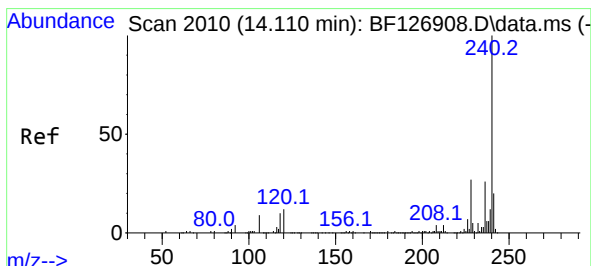
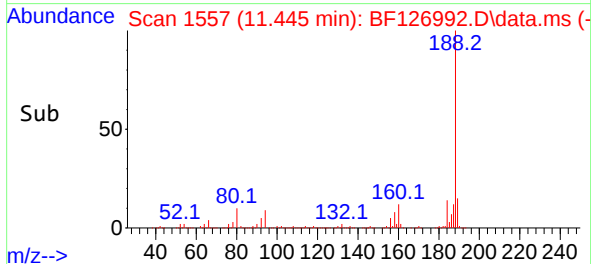
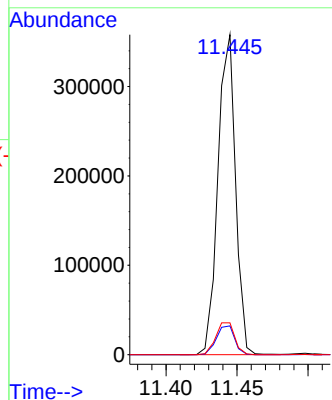
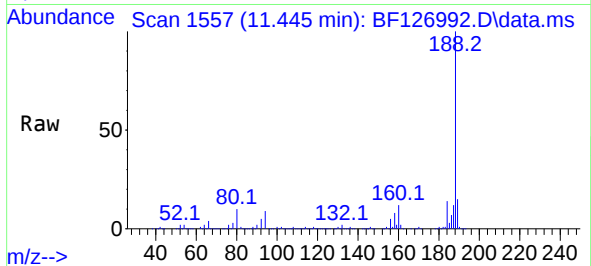




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126992.D
Acq: 22 Feb 2022 00:05

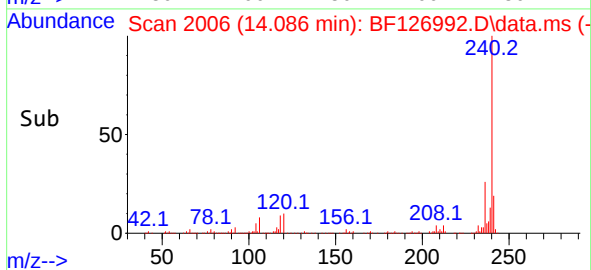
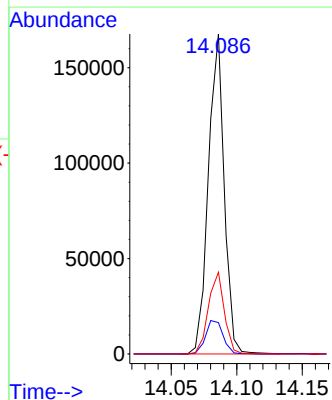
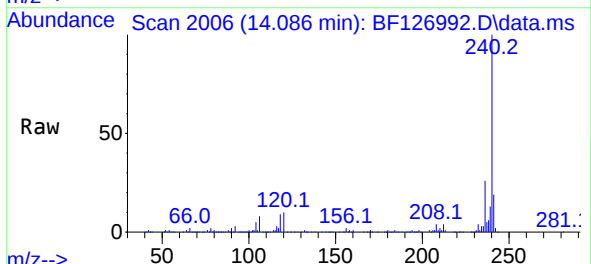
Instrument :
BNA_F
ClientSampleId :
20220078-BERKELEY-6-COMP

Tgt Ion:188 Resp: 308092
Ion Ratio Lower Upper
188 100
94 9.0 10.1 15.1#
80 9.9 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF126992.D
Acq: 22 Feb 2022 00:05

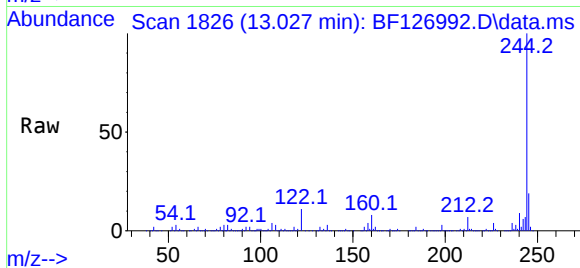
Tgt Ion:240 Resp: 141476
Ion Ratio Lower Upper
240 100
120 9.8 14.4 21.6#
236 25.6 20.5 30.7



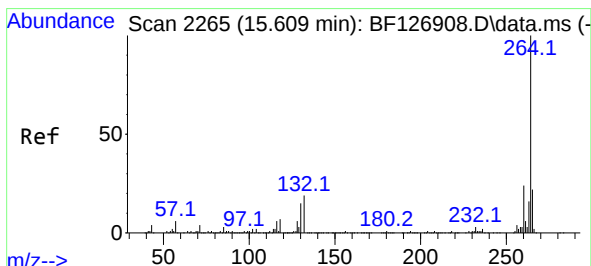
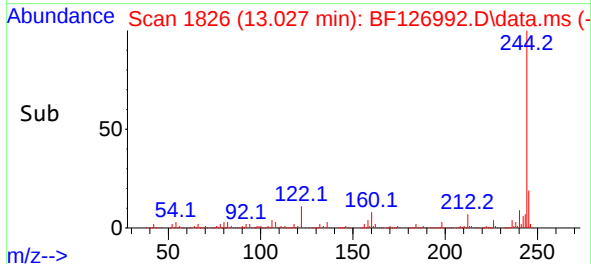
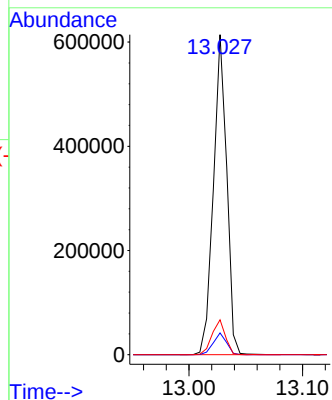


#79
Terphenyl-d14
Concen: 51.667 ng
RT: 13.027 min Scan# 1826
Delta R.T. -0.012 min
Lab File: BF126992.D
Acq: 22 Feb 2022 00:05

Instrument :
BNA_F
ClientSampleId :
20220078-BERKELEY-6-COMP



Tgt Ion:244 Resp: 497244
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 10.9 13.3 19.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2260
Delta R.T. -0.012 min
Lab File: BF126992.D
Acq: 22 Feb 2022 00:05

Tgt Ion:264 Resp: 157921
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 20.8 17.4 26.2

