

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126988.D
 Acq On : 21 Feb 2022 22:12
 Operator : CG\JU
 Sample : N1602-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220075-BERKELEY-2-COMP

Quant Time: Feb 22 03:52:50 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	89131	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	364064	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	188755	20.000	ng	-0.01
64) Phenanthrene-d10	11.445	188	333598	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	146651	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	165648	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	601732	104.343	ng	0.00
7) Phenol-d6	6.540	99	794849	102.146	ng	0.00
23) Nitrobenzene-d5	7.475	82	559944	69.423	ng	-0.02
42) 2,4,6-Tribromophenol	10.745	330	176714	81.313	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	906240	70.680	ng	0.00
79) Terphenyl-d14	13.033	244	863107	86.518	ng	0.00

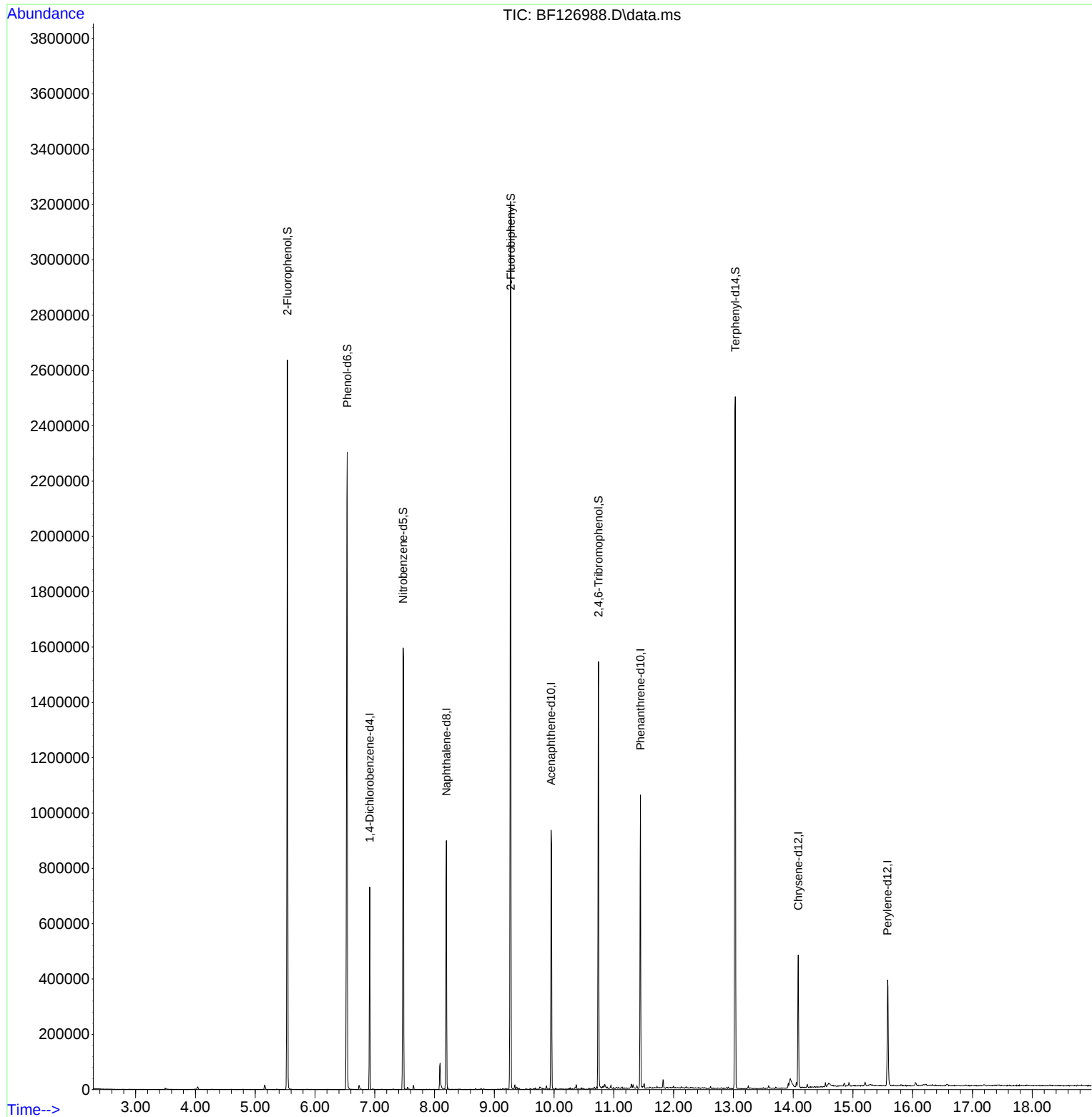
Target Compounds	Qvalue

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

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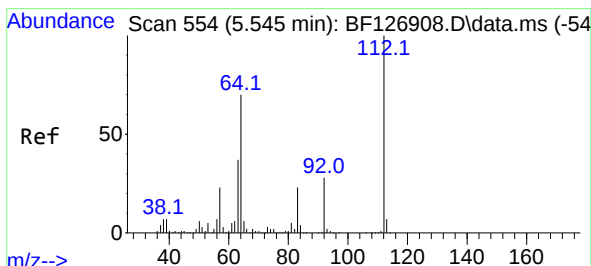
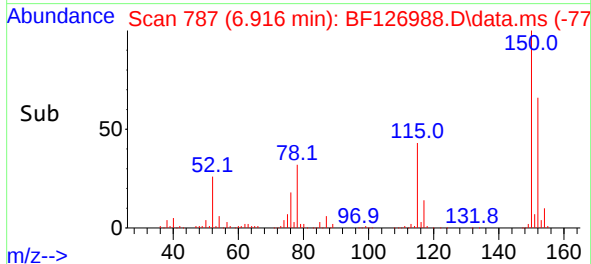
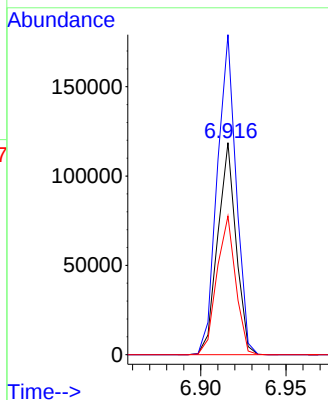
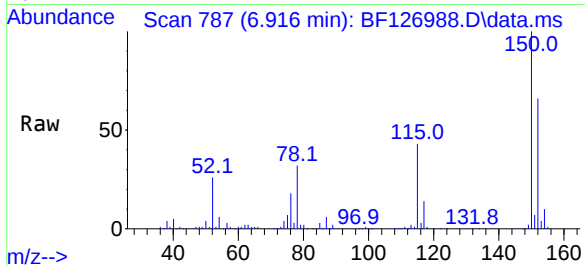




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126988.D
Acq: 21 Feb 2022 22:12

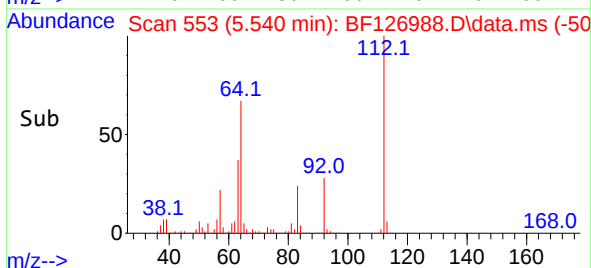
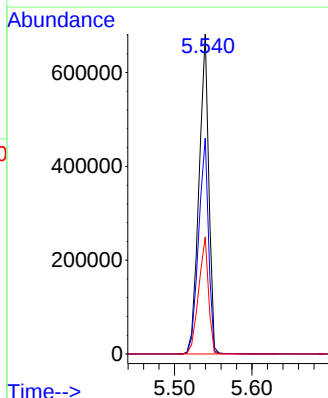
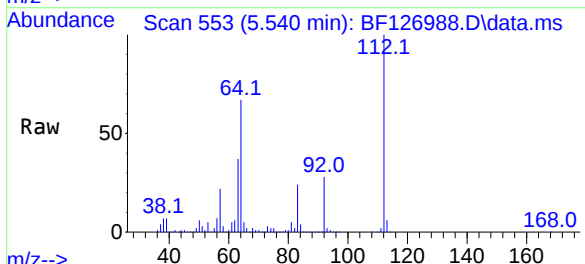
Instrument :
BNA_F
ClientSampleId :
20220075-BERKELEY-2-COMP

Tgt Ion:152 Resp: 89131
Ion Ratio Lower Upper
152 100
150 150.9 128.1 192.1
115 65.4 56.7 85.1



#5
2-Fluorophenol
Concen: 104.343 ng
RT: 5.540 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF126988.D
Acq: 21 Feb 2022 22:12

Tgt Ion:112 Resp: 601732
Ion Ratio Lower Upper
112 100
64 67.5 49.5 74.3
63 36.6 23.9 35.9#

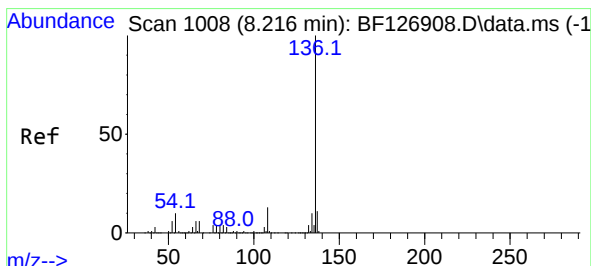
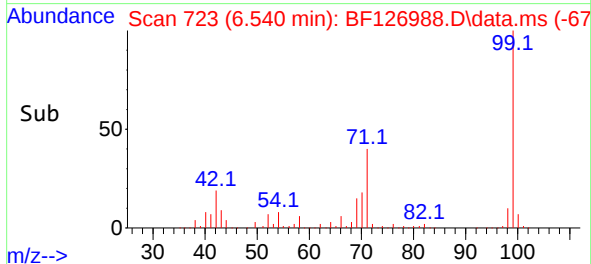
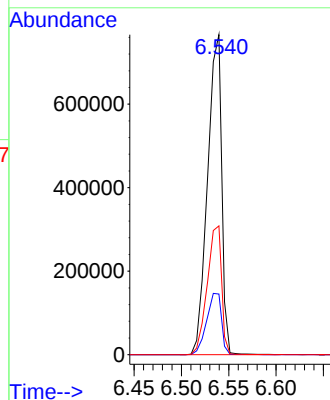
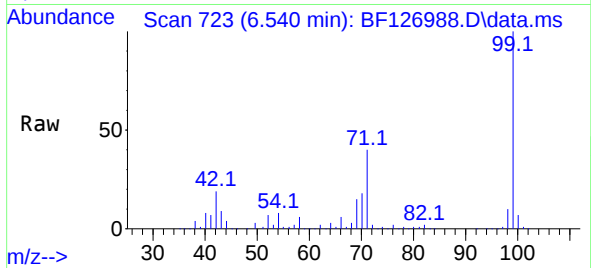




#7
Phenol-d6
Concen: 102.146 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126988.D
Acq: 21 Feb 2022 22:12

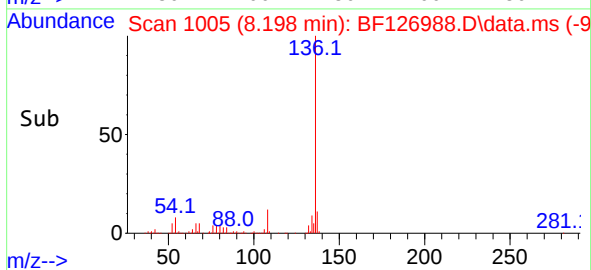
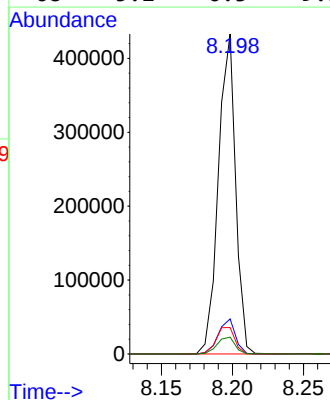
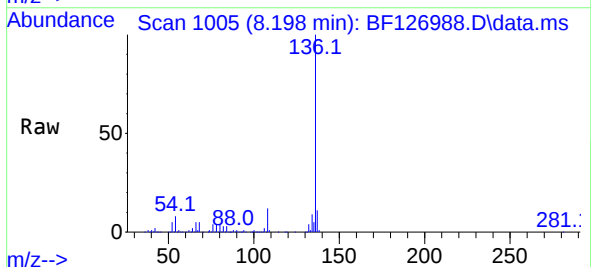
Instrument :
BNA_F
ClientSampleId :
20220075-BERKELEY-2-COMP

Tgt Ion: 99 Resp: 794849
Ion Ratio Lower Upper
99 100
42 18.9 14.2 21.4
71 40.2 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: BF126988.D
Acq: 21 Feb 2022 22:12

Tgt Ion:136 Resp: 364064
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.3 7.8 11.6
68 5.2 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 69.423 ng

RT: 7.475 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF126988.D

Acq: 21 Feb 2022 22:12

Instrument :

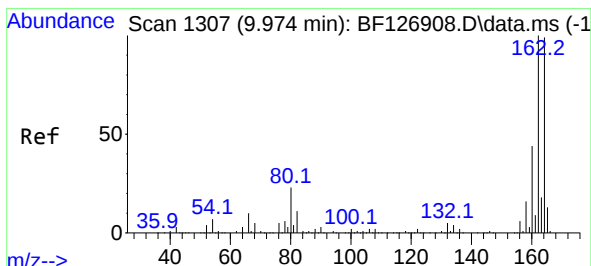
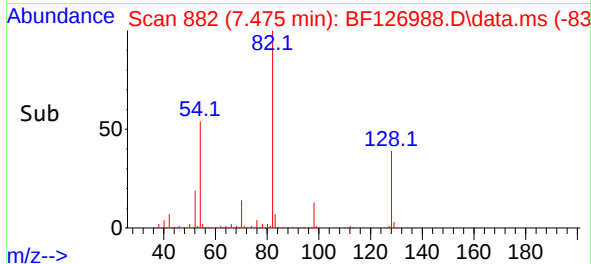
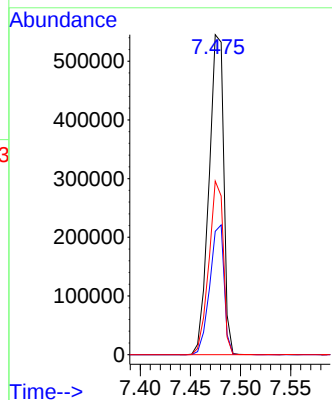
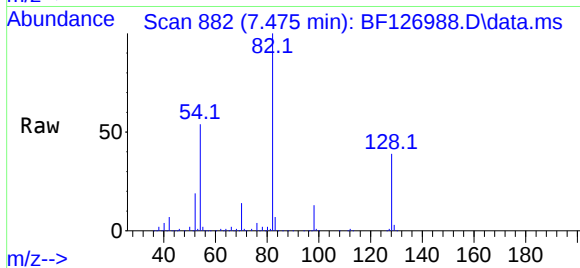
BNA_F

ClientSampleId :

20220075-BERKELEY-2-COMP

Tgt Ion: 82 Resp: 559944

Ion	Ratio	Lower	Upper
82	100		
128	38.5	32.7	49.1
54	54.2	41.7	62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.951 min Scan# 1303

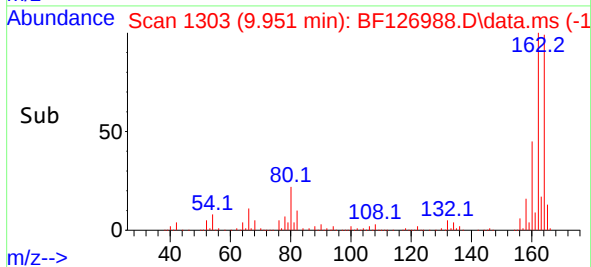
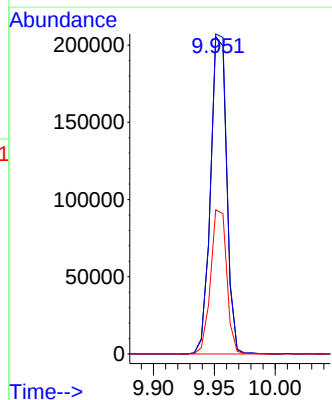
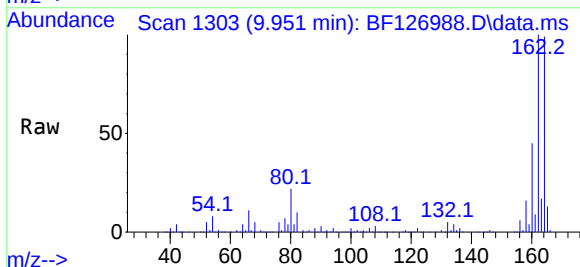
Delta R.T. -0.012 min

Lab File: BF126988.D

Acq: 21 Feb 2022 22:12

Tgt Ion: 164 Resp: 188755

Ion	Ratio	Lower	Upper
164	100		
162	100.9	81.4	122.0
160	45.4	36.6	54.8





#42

2,4,6-Tribromophenol

Concen: 81.313 ng

RT: 10.745 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF126988.D

Acq: 21 Feb 2022 22:12

Instrument :

BNA_F

ClientSampleId :

20220075-BERKELEY-2-COMP

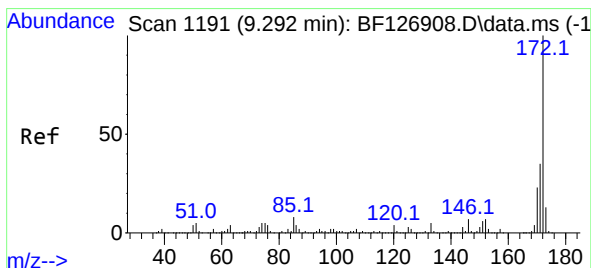
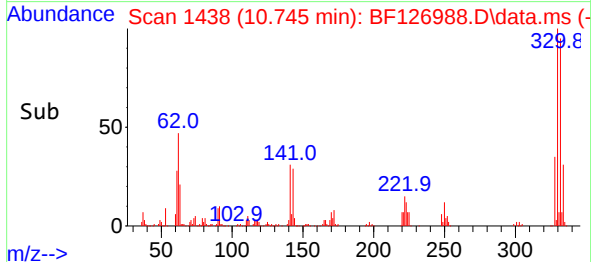
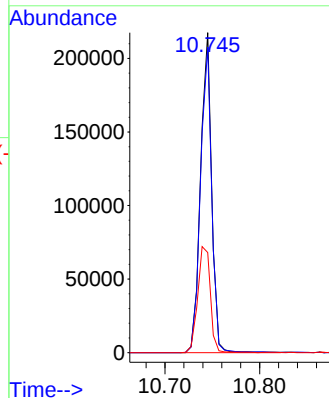
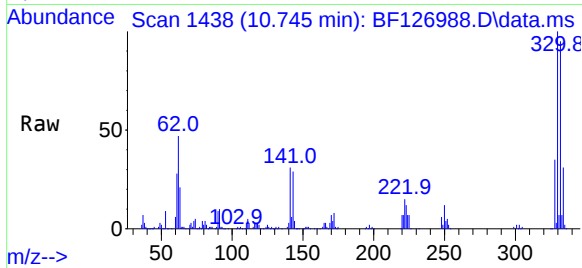
Tgt Ion:330 Resp: 176714

Ion Ratio Lower Upper

330 100

332 97.0 76.0 114.0

141 38.0 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 70.680 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF126988.D

Acq: 21 Feb 2022 22:12

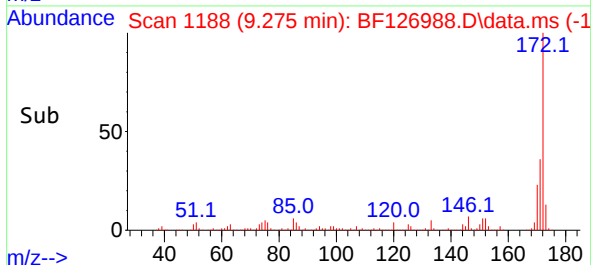
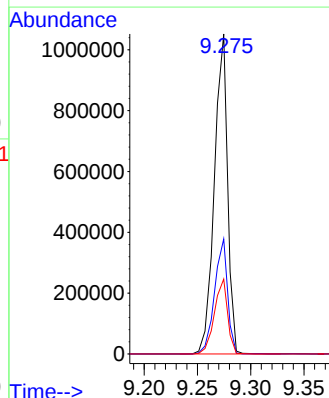
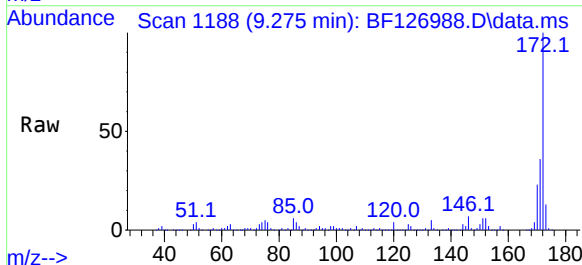
Tgt Ion:172 Resp: 906240

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.4 19.0 28.6

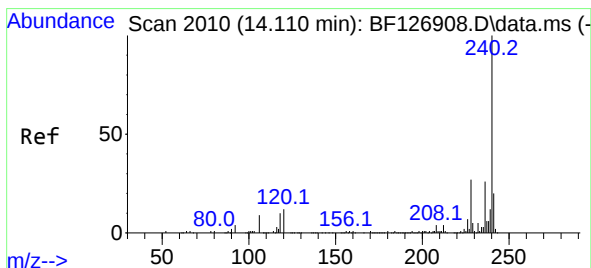
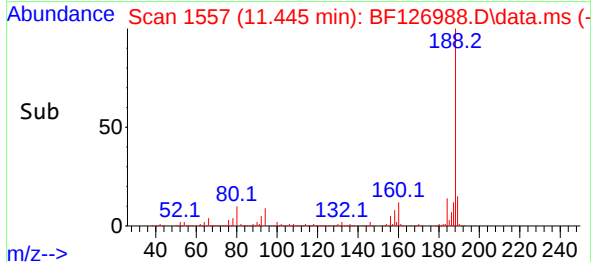
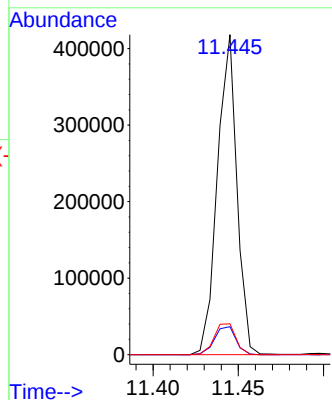
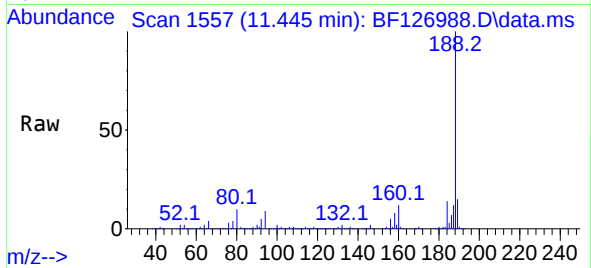




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126988.D
Acq: 21 Feb 2022 22:12

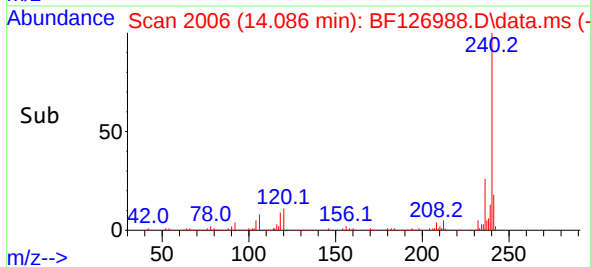
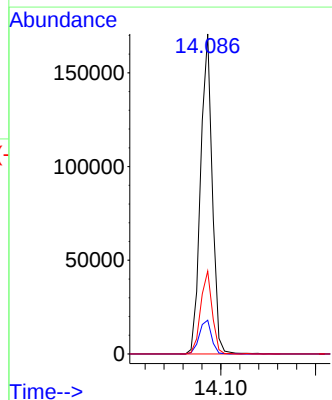
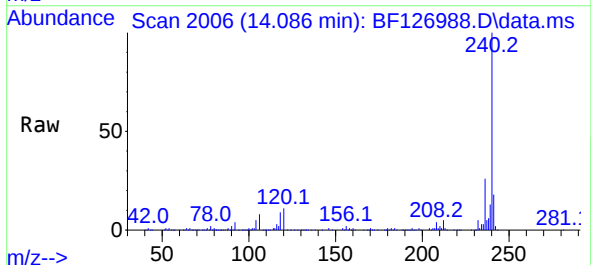
Instrument :
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20220075-BERKELEY-2-COMP

Tgt Ion:188 Resp: 333598
Ion Ratio Lower Upper
188 100
94 8.7 10.1 15.1#
80 9.7 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: BF126988.D
Acq: 21 Feb 2022 22:12

Tgt Ion:240 Resp: 146651
Ion Ratio Lower Upper
240 100
120 10.6 14.4 21.6#
236 25.9 20.5 30.7

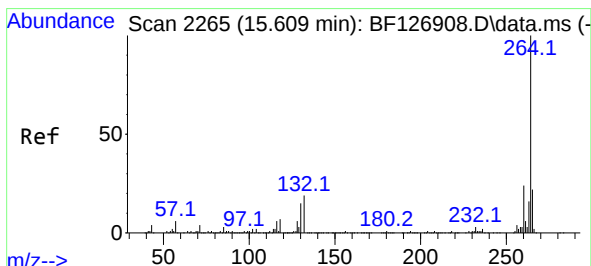
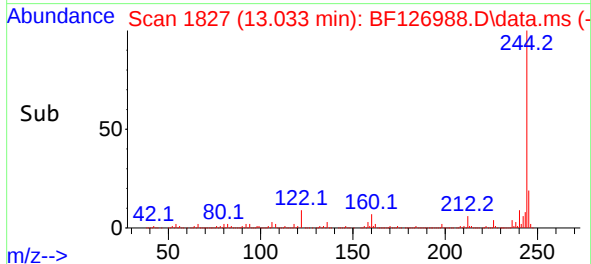
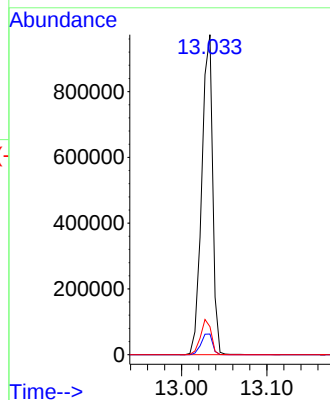
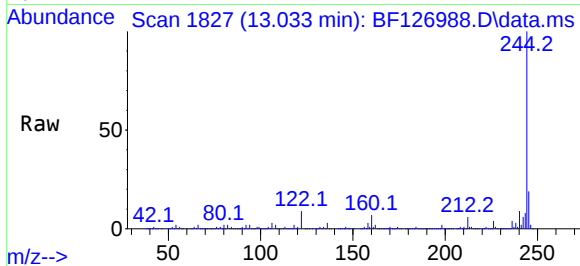




#79
 Terphenyl-d14
 Concen: 86.518 ng
 RT: 13.033 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126988.D
 Acq: 21 Feb 2022 22:12

Instrument :
 BNA_F
 ClientSampleId :
 20220075-BERKELEY-2-COMP

Tgt Ion:244 Resp: 863107
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 8.7 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: BF126988.D
 Acq: 21 Feb 2022 22:12

Tgt Ion:264 Resp: 165648
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 20.4 17.4 26.2

