

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126989.D
 Acq On : 21 Feb 2022 22:40
 Operator : CG\JU
 Sample : N1602-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220076-BERKELEY-3-COMP

Quant Time: Feb 22 03:53:11 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	85475	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	351504	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	187137	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	331398	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	142212	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	159352	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	534595	96.666	ng	0.00
7) Phenol-d6	6.534	99	699699	93.764	ng	-0.01
23) Nitrobenzene-d5	7.475	82	486951	62.530	ng	-0.02
42) 2,4,6-Tribromophenol	10.745	330	144637	67.129	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	757538	59.593	ng	0.00
79) Terphenyl-d14	13.027	244	704624	72.837	ng	-0.01

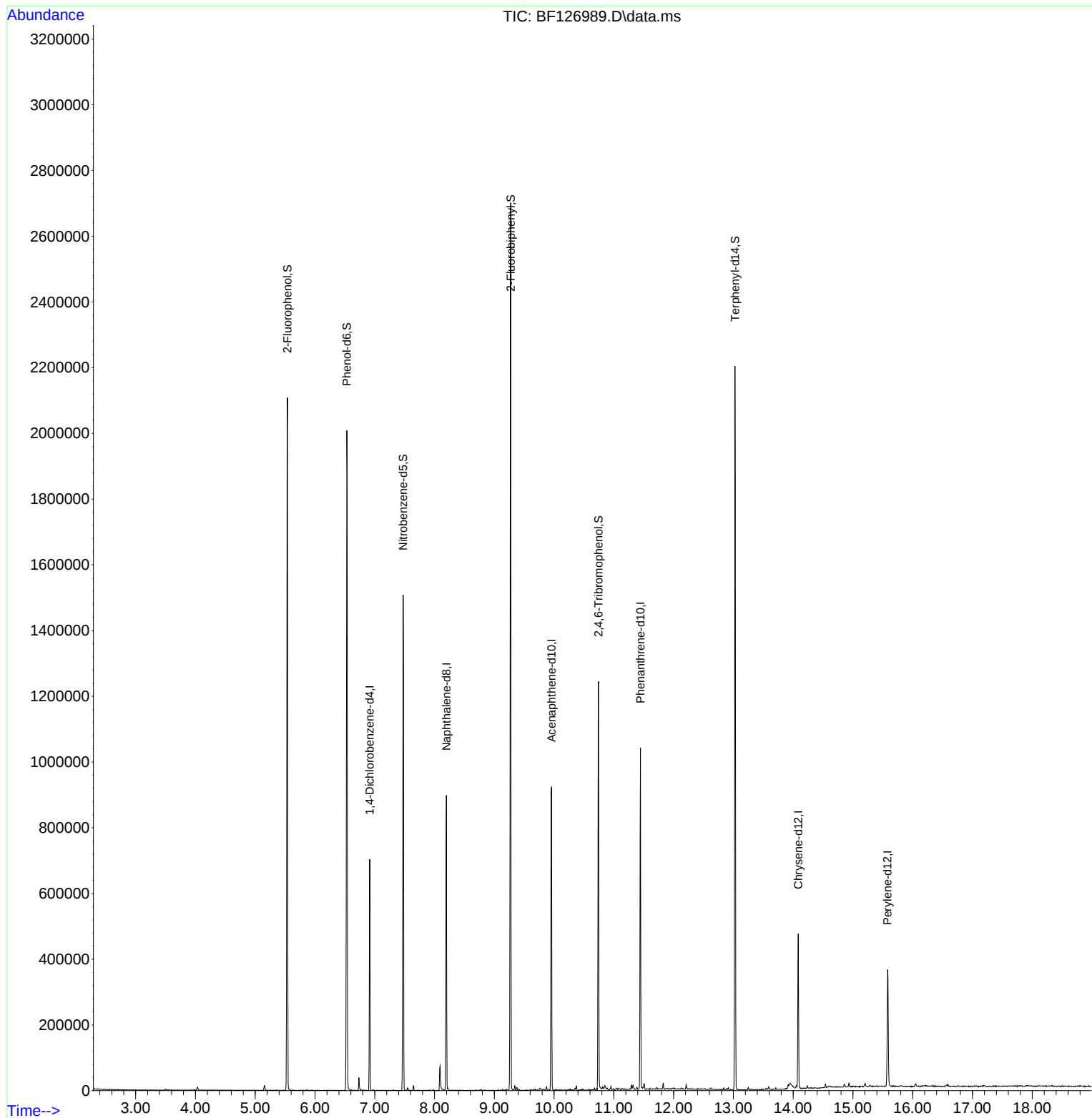
Target Compounds	Qvalue

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

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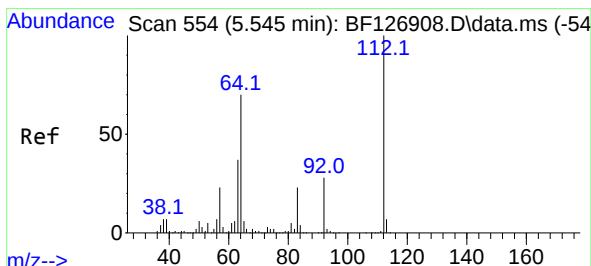
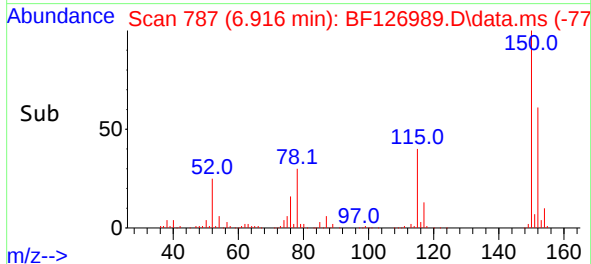
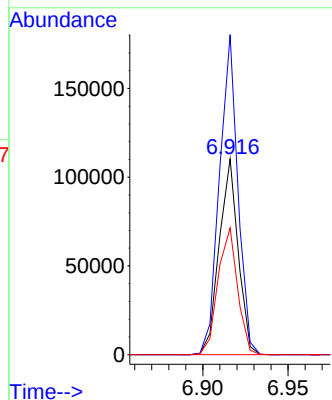
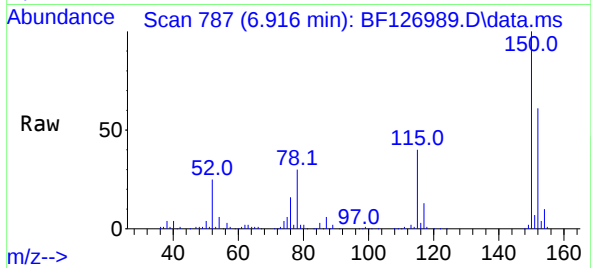




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

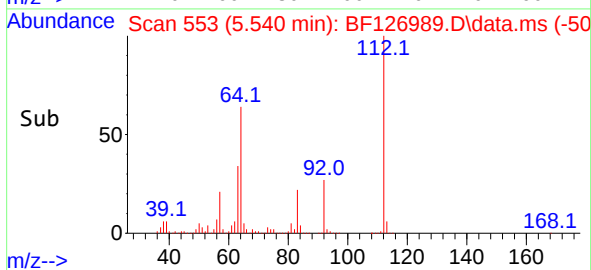
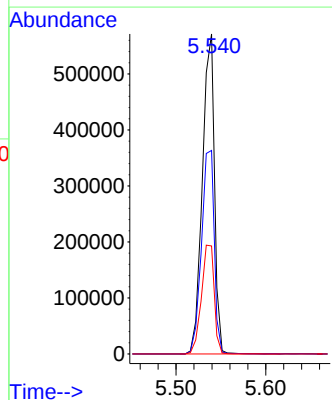
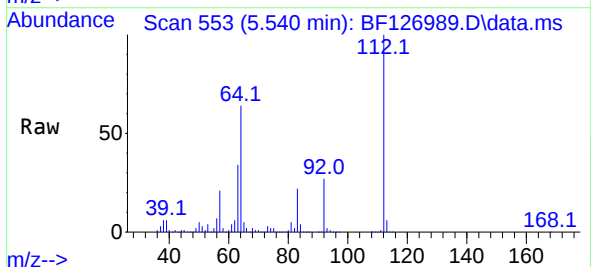
Instrument :
BNA_F
ClientSampleId :
20220076-BERKELEY-3-COMP

Tgt Ion:152 Resp: 85475
Ion Ratio Lower Upper
152 100
150 163.4 128.1 192.1
115 64.7 56.7 85.1



#5
2-Fluorophenol
Concen: 96.666 ng
RT: 5.540 min Scan# 553
Delta R.T. -0.000 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Tgt Ion:112 Resp: 534595
Ion Ratio Lower Upper
112 100
64 63.6 49.5 74.3
63 33.8 23.9 35.9

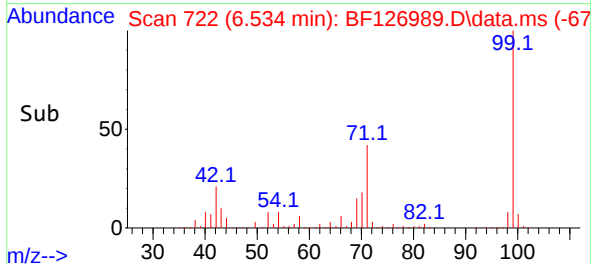
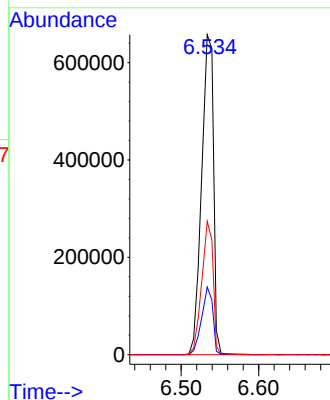
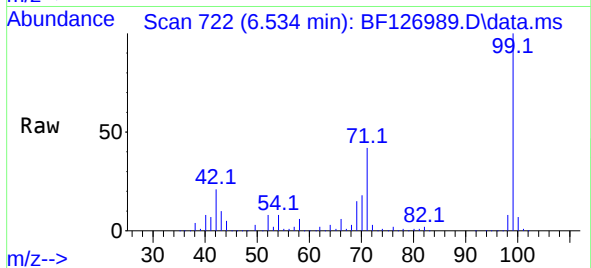




#7
Phenol-d6
Concen: 93.764 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

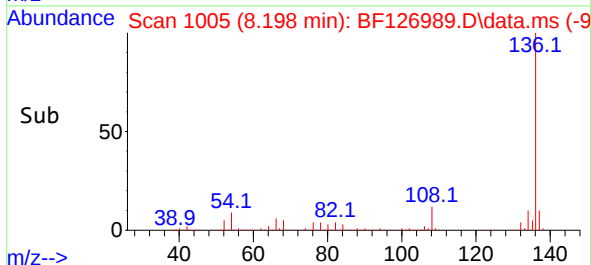
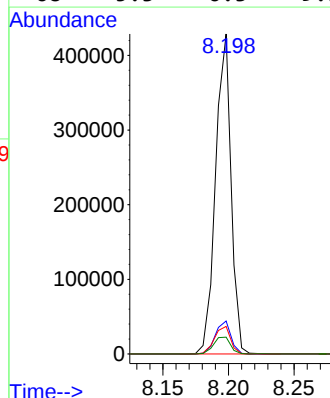
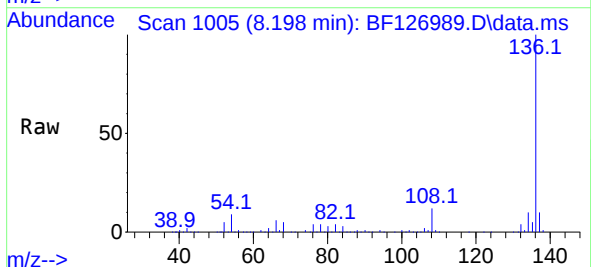
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ClientSampleId :
20220076-BERKELEY-3-COMP

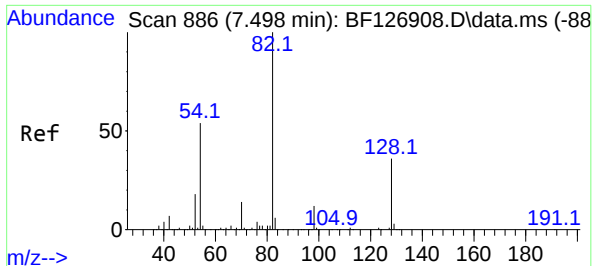
Tgt Ion: 99 Resp: 699699
Ion Ratio Lower Upper
99 100
42 21.2 14.2 21.4
71 41.7 24.3 36.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Tgt Ion:136 Resp: 351504
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.6 7.8 11.6
68 5.3 6.3 9.5#

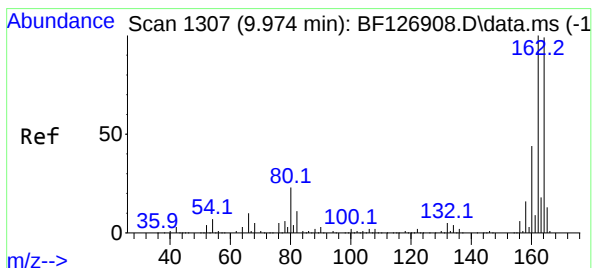
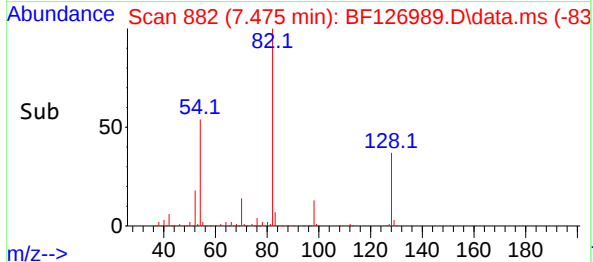
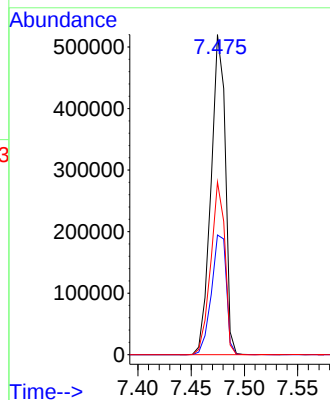
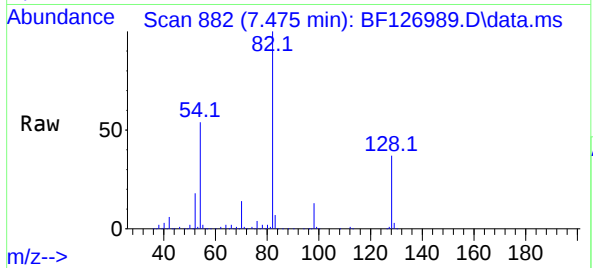




#23
Nitrobenzene-d5
Concen: 62.530 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

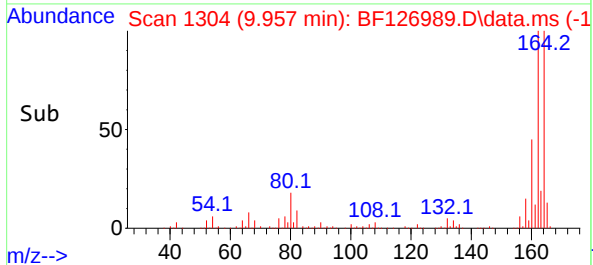
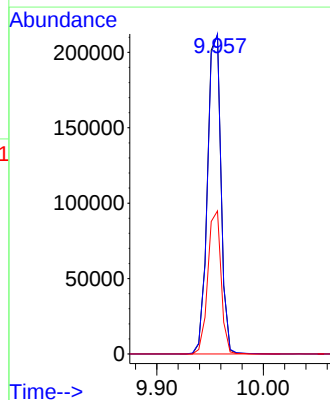
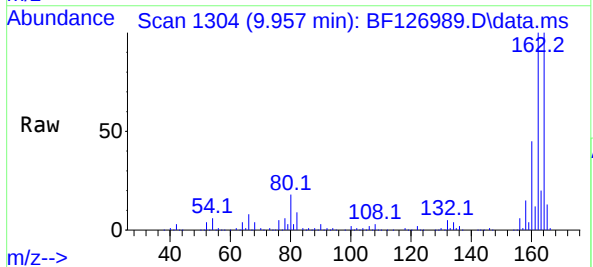
Instrument :
BNA_F
ClientSampleId :
20220076-BERKELEY-3-COMP

Tgt Ion: 82 Resp: 486951
Ion Ratio Lower Upper
82 100
128 37.4 32.7 49.1
54 54.0 41.7 62.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

Tgt Ion: 164 Resp: 187137
Ion Ratio Lower Upper
164 100
162 100.3 81.4 122.0
160 44.8 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 67.129 ng

RT: 10.745 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF126989.D

Acq: 21 Feb 2022 22:40

Instrument :

BNA_F

ClientSampleId :

20220076-BERKELEY-3-COMP

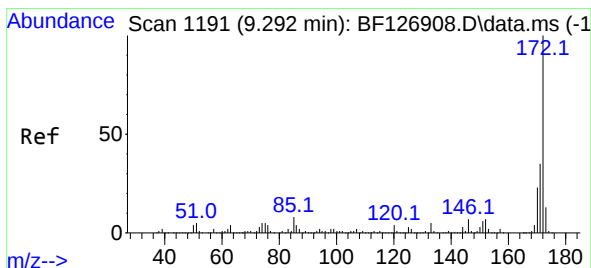
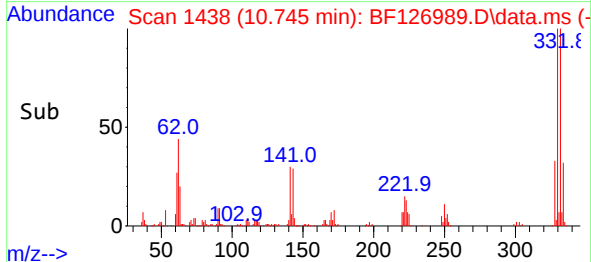
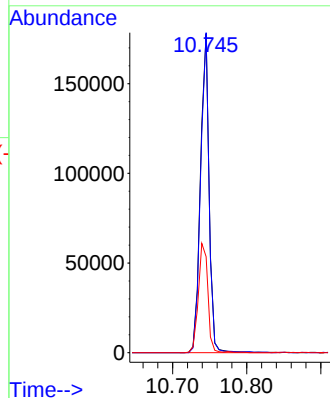
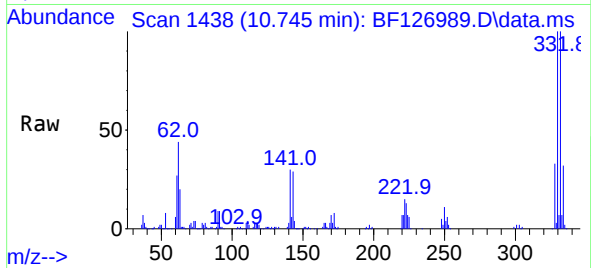
Tgt Ion:330 Resp: 144637

Ion Ratio Lower Upper

330 100

332 98.2 76.0 114.0

141 37.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 59.593 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF126989.D

Acq: 21 Feb 2022 22:40

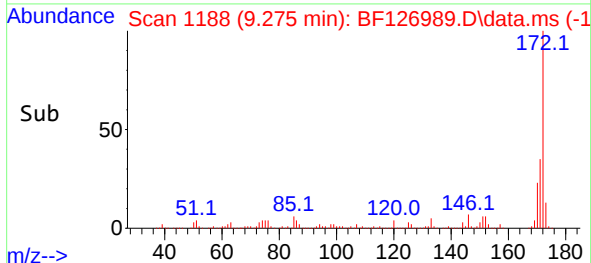
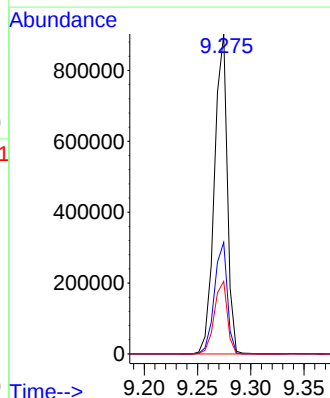
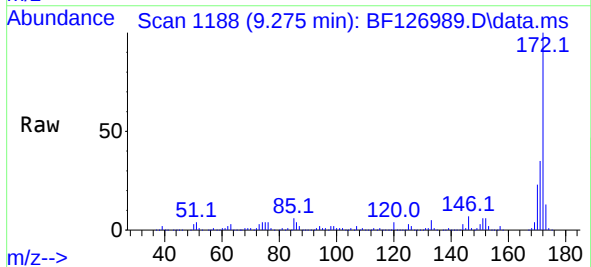
Tgt Ion:172 Resp: 757538

Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 22.7 19.0 28.6

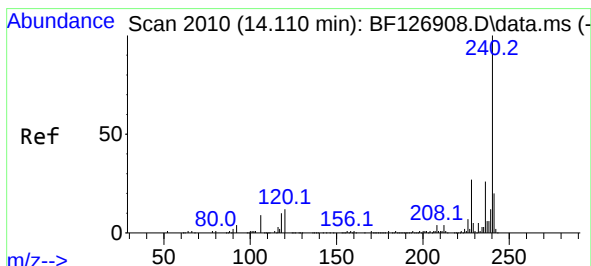
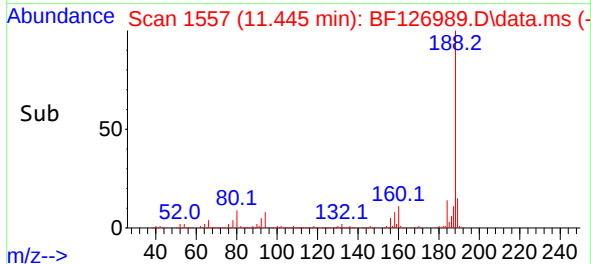
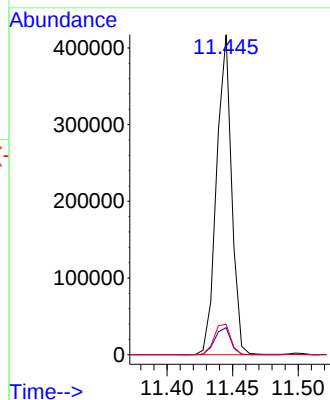
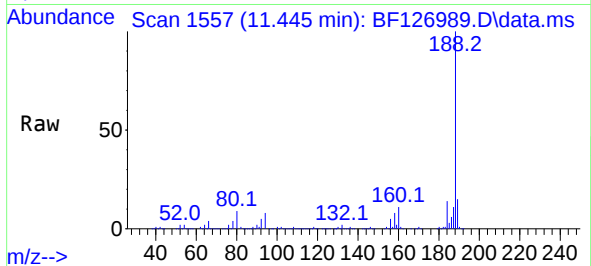




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

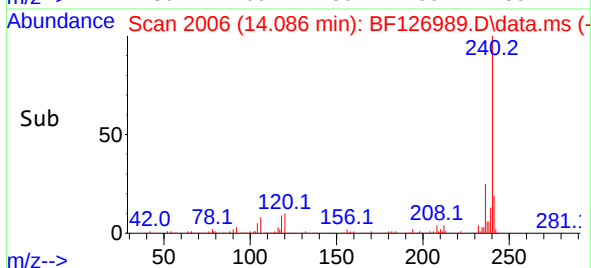
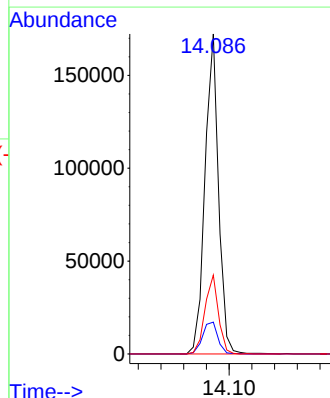
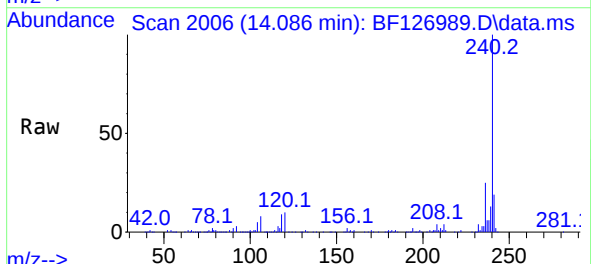
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Tgt Ion:188 Resp: 331398
Ion Ratio Lower Upper
188 100
94 8.4 10.1 15.1#
80 9.5 11.8 17.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.012 min
Lab File: BF126989.D
Acq: 21 Feb 2022 22:40

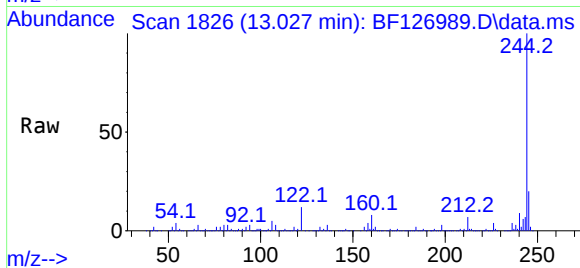
Tgt Ion:240 Resp: 142212
Ion Ratio Lower Upper
240 100
120 10.0 14.4 21.6#
236 24.7 20.5 30.7



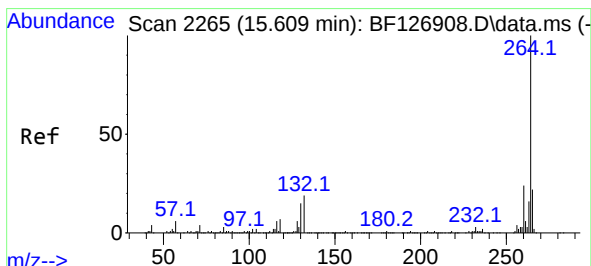
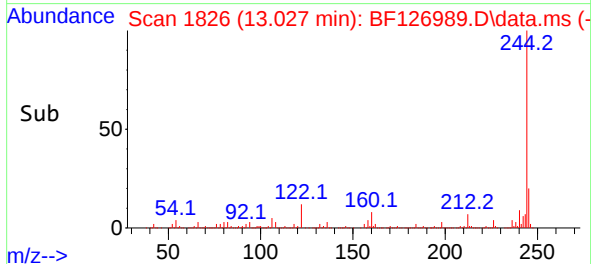
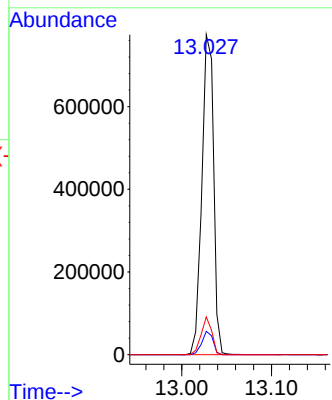


#79
 Terphenyl-d14
 Concen: 72.837 ng
 RT: 13.027 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF126989.D
 Acq: 21 Feb 2022 22:40

Instrument :
 BNA_F
 ClientSampleId :
 20220076-BERKELEY-3-COMP



Tgt Ion:244 Resp: 704624
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.0 7.4
 122 11.8 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: BF126989.D
 Acq: 21 Feb 2022 22:40

Tgt Ion:264 Resp: 159352
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 20.6 17.4 26.2

