

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
 Data File : BF126857.D
 Acq On : 11 Feb 2022 15:06
 Operator : CG\JU
 Sample : N1477-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220080-BERKELEY-8-COMP

Quant Time: Feb 11 22:42:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 10 00:44:00 2022
 Response via : Initial Calibration

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

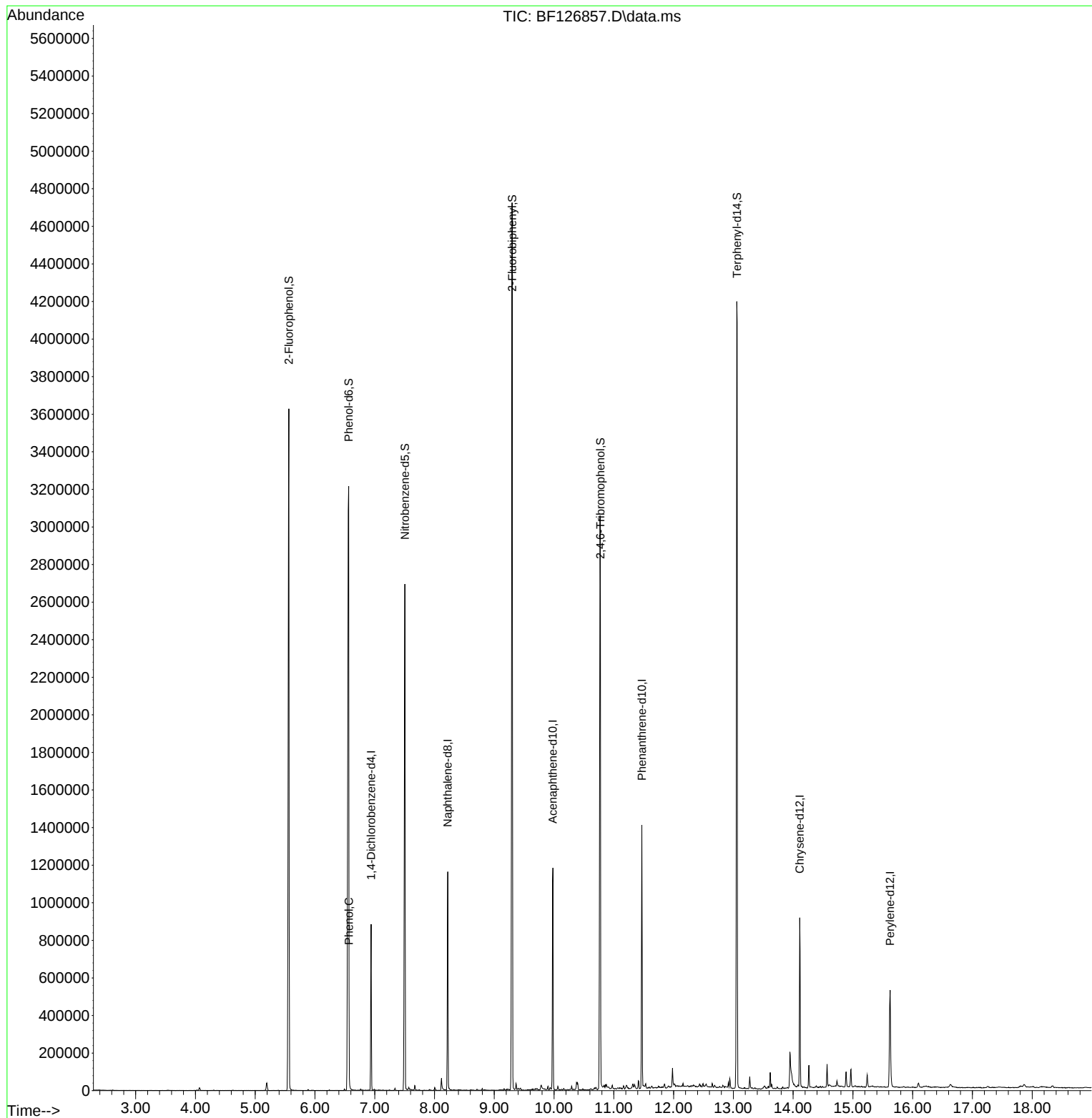
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.940	152	110132	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	451609	20.000	ng	0.00
39) Acenaphthene-d10	9.981	164	237409	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	429808	20.000	ng	0.00
76) Chrysene-d12	14.110	240	283360	20.000	ng	-0.01
86) Perylene-d12	15.621	264	221304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	979563	136.944	ng	0.00
7) Phenol-d6	6.563	99	1302139	134.846	ng	0.00
23) Nitrobenzene-d5	7.504	82	910731	93.048	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	372734	146.446	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1315747	83.425	ng	0.00
79) Terphenyl-d14	13.063	244	1533186	77.567	ng	0.00
Target Compounds						
10) Phenol	6.569	94	25629	2.633	ng	Qvalue 84

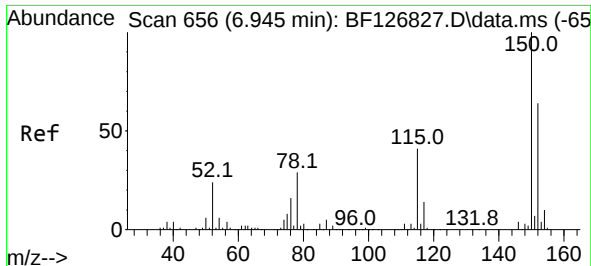
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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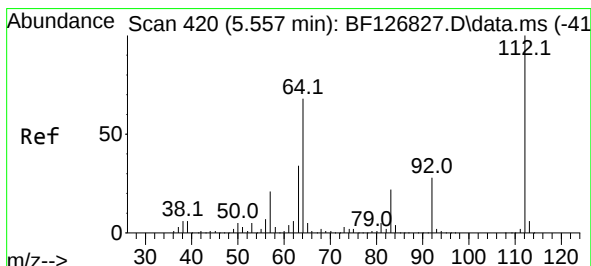
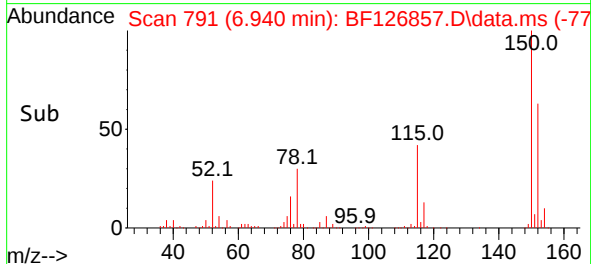
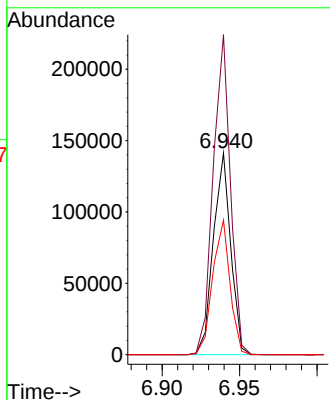
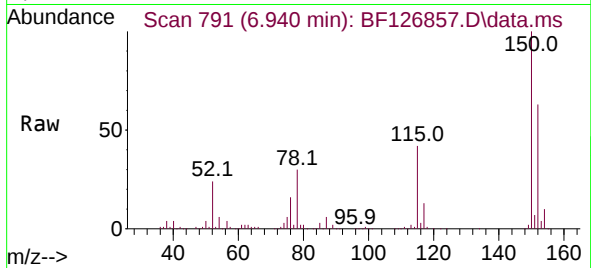




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.940 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

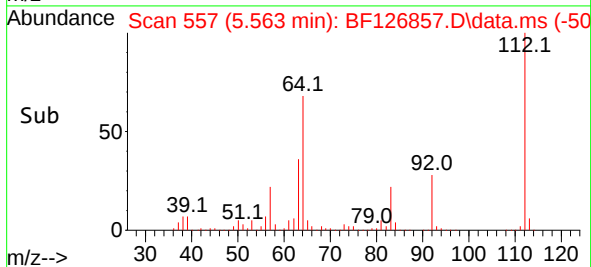
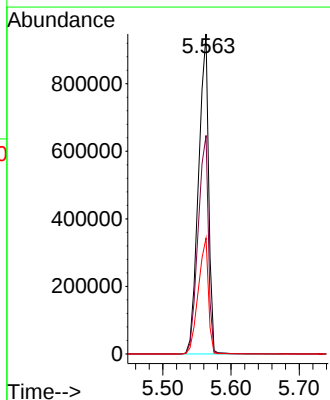
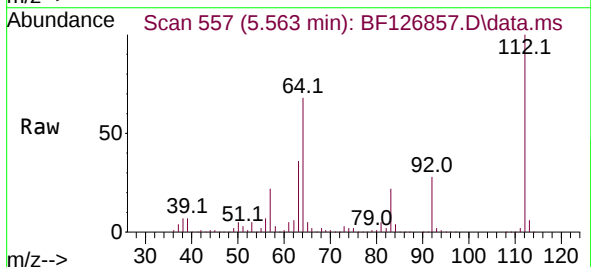
Instrument :
BNA_F
ClientSampleId :
20220080-BERKELEY-8-COMP

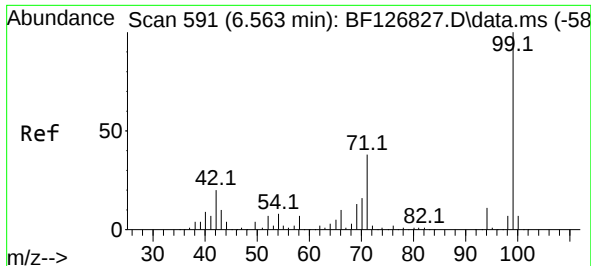
Tgt Ion:152 Resp: 110132
Ion Ratio Lower Upper
152 100
150 158.6 124.3 186.5
115 66.6 50.5 75.7



#5
2-Fluorophenol
Concen: 136.944 ng
RT: 5.563 min Scan# 557
Delta R.T. 0.006 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

Tgt Ion:112 Resp: 979563
Ion Ratio Lower Upper
112 100
64 68.3 54.3 81.5
63 36.2 27.5 41.3





#7

Phenol-d6

Concen: 134.846 ng

RT: 6.563 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF126857.D

Acq: 11 Feb 2022 15:06

Instrument :

BNA_F

ClientSampleId :

20220080-BERKELEY-8-COMP

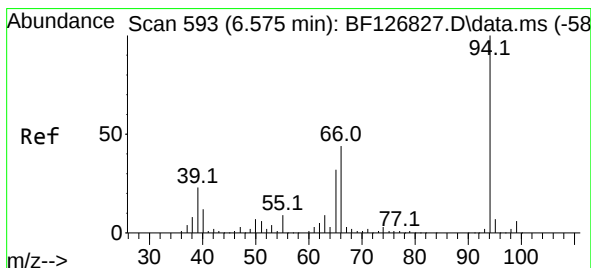
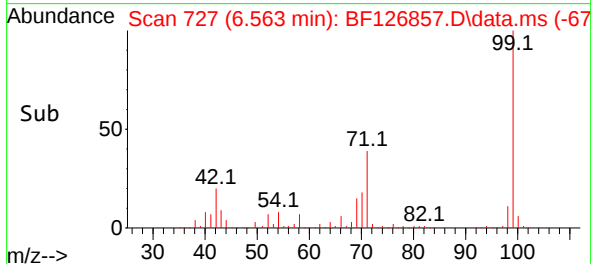
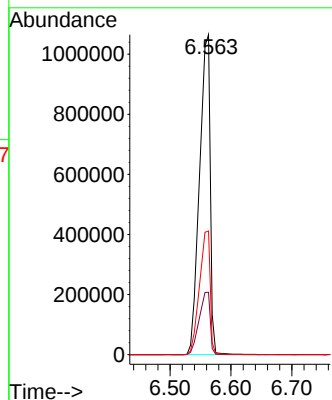
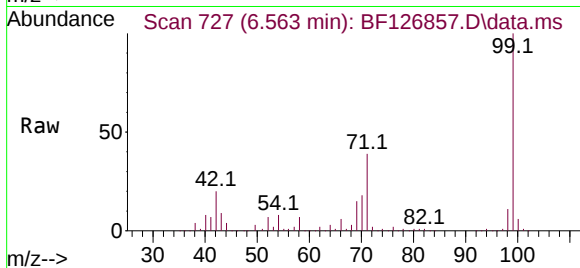
Tgt Ion: 99 Resp: 1302139

Ion Ratio Lower Upper

99 100

42 19.5 15.8 23.6

71 38.6 30.6 45.8



#10

Phenol

Concen: 2.633 ng

RT: 6.569 min Scan# 728

Delta R.T. -0.006 min

Lab File: BF126857.D

Acq: 11 Feb 2022 15:06

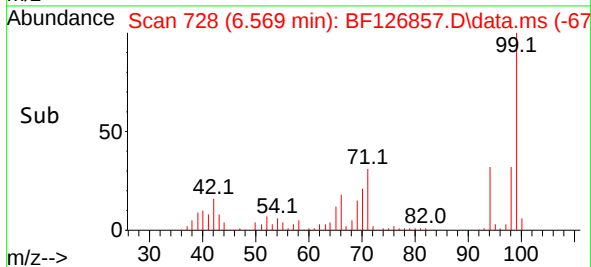
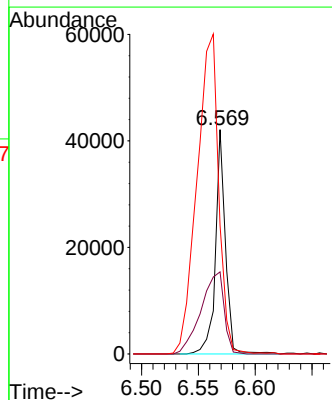
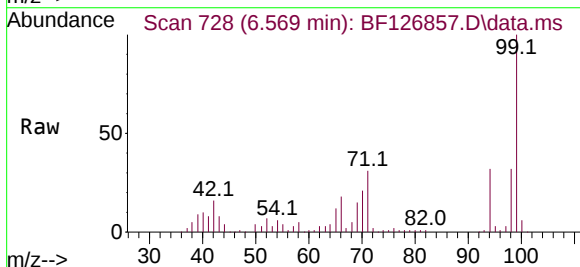
Tgt Ion: 94 Resp: 25629

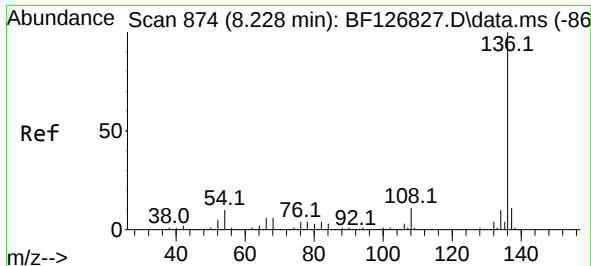
Ion Ratio Lower Upper

94 100

65 36.6 12.1 52.1

66 57.4 23.6 63.6

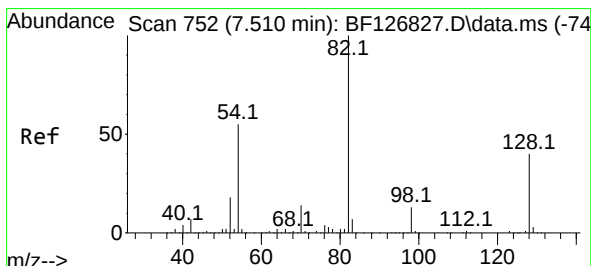
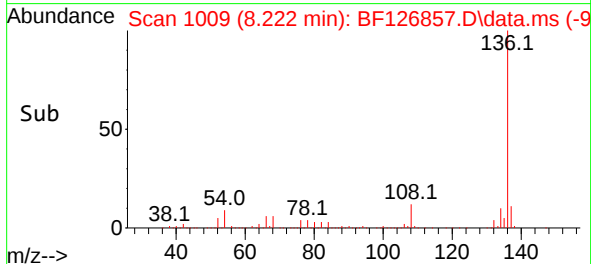
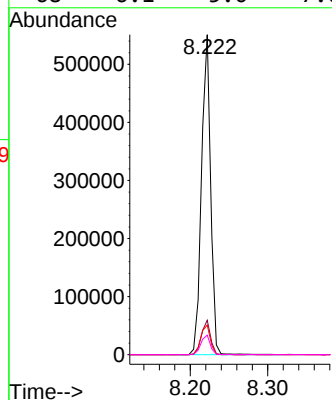
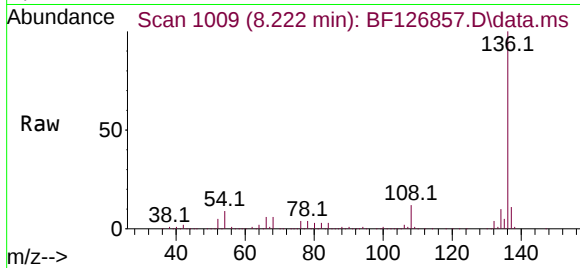




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

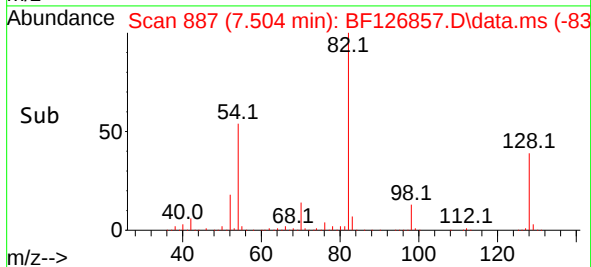
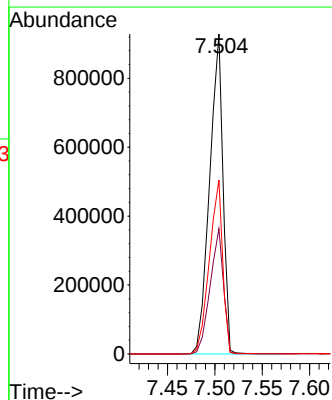
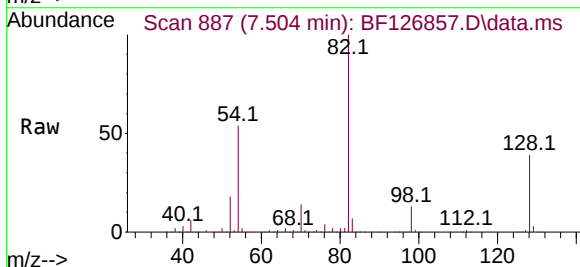
Instrument :
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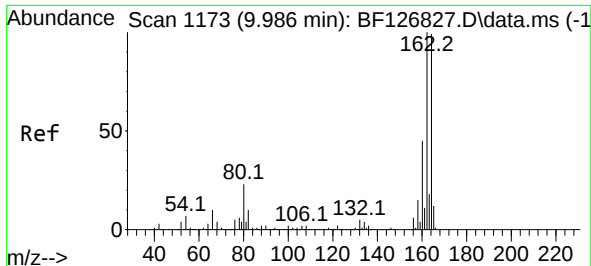
Tgt Ion:136 Resp: 451609
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.2 8.0 12.0
68 6.1 5.0 7.6



#23
Nitrobenzene-d5
Concen: 93.048 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

Tgt Ion: 82 Resp: 910731
Ion Ratio Lower Upper
82 100
128 39.1 31.6 47.4
54 54.3 43.7 65.5

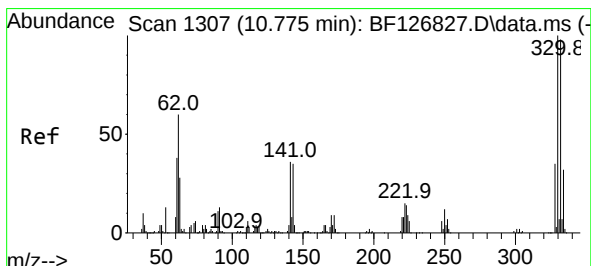
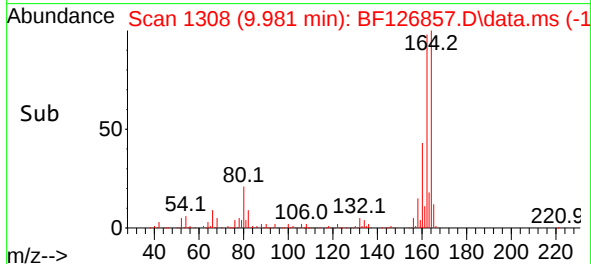
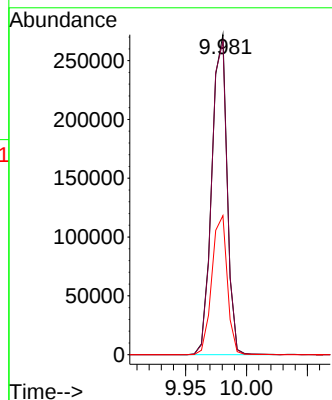
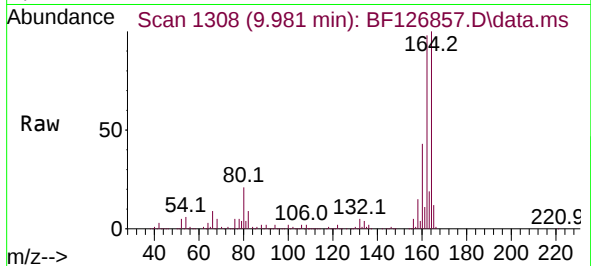




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.981 min Scan# 1173
Delta R.T. -0.005 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

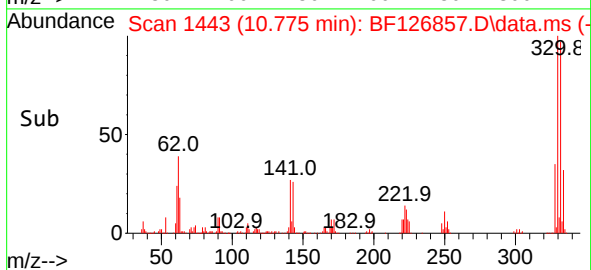
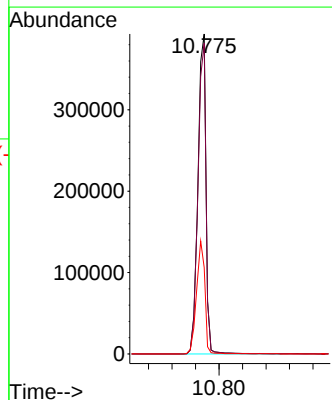
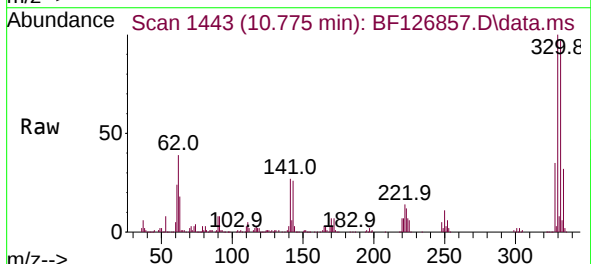
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BNA_F
ClientSampleId :
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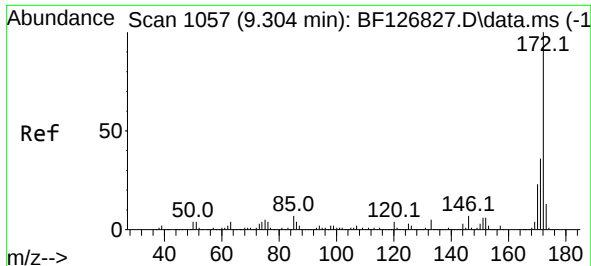
Tgt Ion:164 Resp: 237409
Ion Ratio Lower Upper
164 100
162 97.8 80.9 121.3
160 43.5 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 146.446 ng
RT: 10.775 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

Tgt Ion:330 Resp: 372734
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.4
141 36.5 31.2 46.8





#45

2-Fluorobiphenyl

Concen: 83.425 ng

RT: 9.298 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126857.D

Acq: 11 Feb 2022 15:06

Instrument :

BNA_F

ClientSampleId :

20220080-BERKELEY-8-COMP

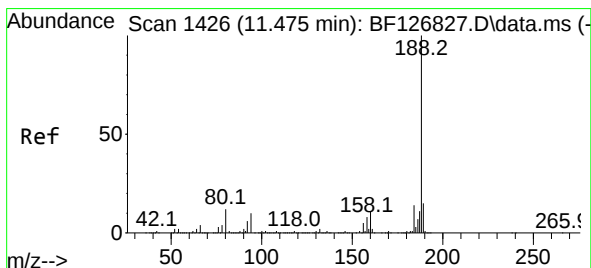
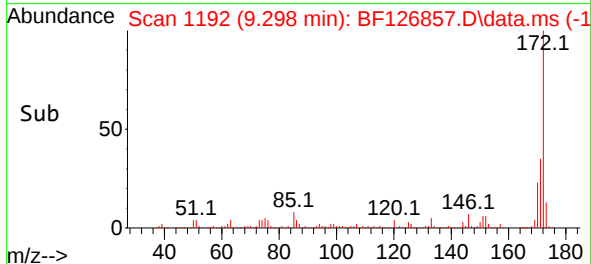
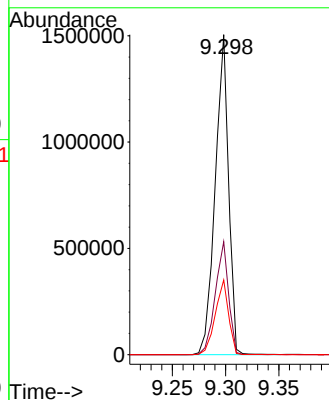
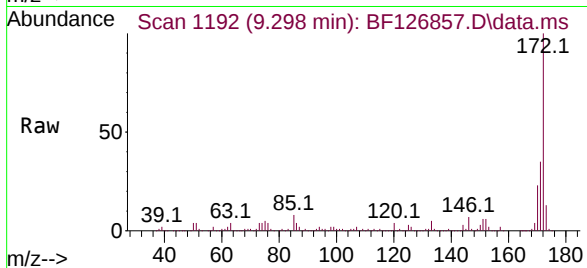
Tgt Ion:172 Resp: 1315747

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 23.3 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 1561

Delta R.T. -0.006 min

Lab File: BF126857.D

Acq: 11 Feb 2022 15:06

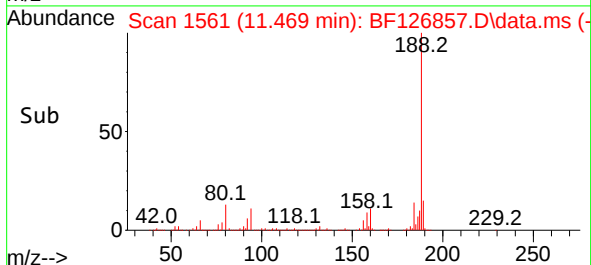
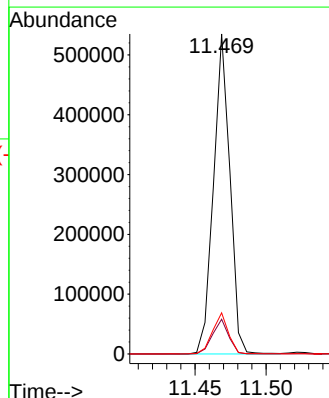
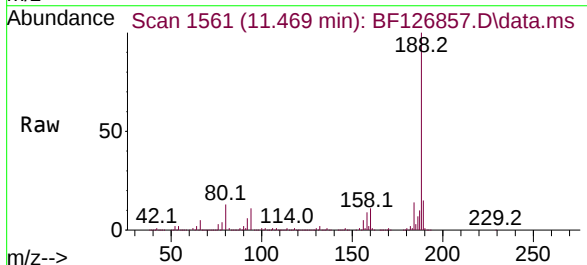
Tgt Ion:188 Resp: 429808

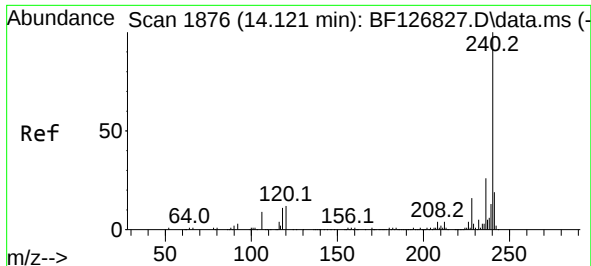
Ion Ratio Lower Upper

188 100

94 10.9 8.1 12.1

80 12.9 9.5 14.3

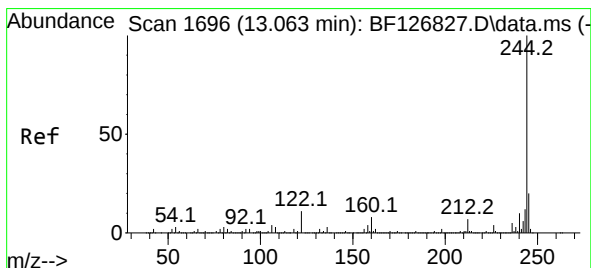
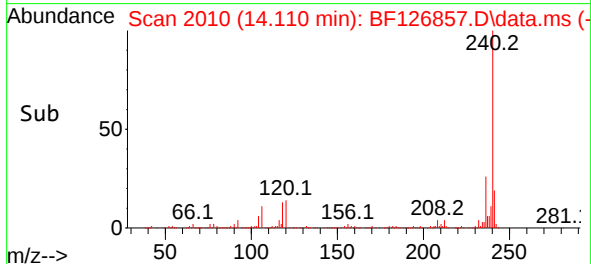
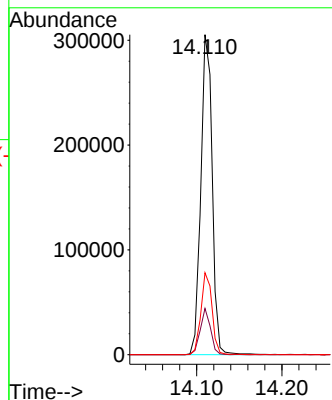
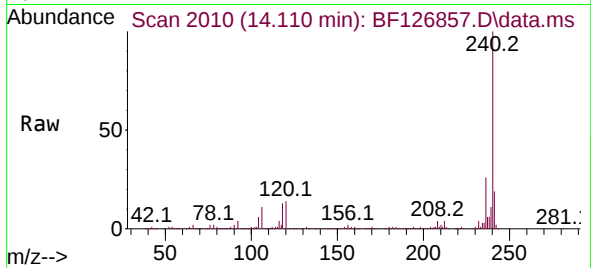




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

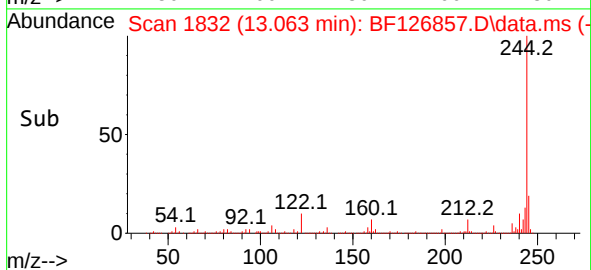
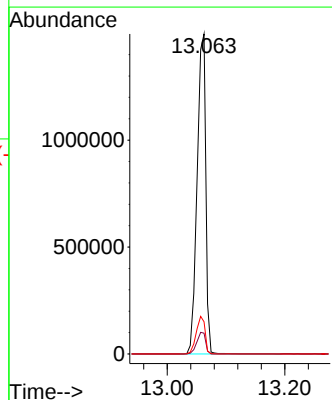
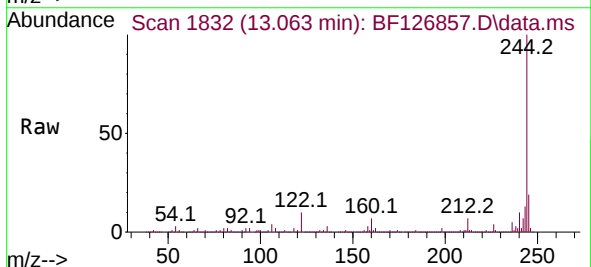
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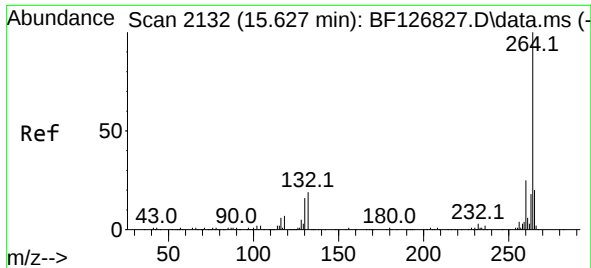
Tgt Ion:240 Resp: 283360
Ion Ratio Lower Upper
240 100
120 14.5 9.8 14.6
236 25.6 20.5 30.7



#79
Terphenyl-d14
Concen: 77.567 ng
RT: 13.063 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

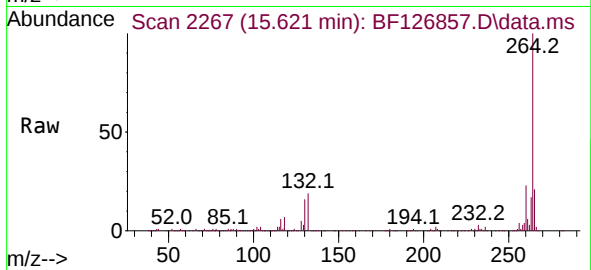
Tgt Ion:244 Resp: 1533186
Ion Ratio Lower Upper
244 100
212 6.5 5.6 8.4
122 10.1 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126857.D
Acq: 11 Feb 2022 15:06

Instrument :
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ClientSampleId :
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Tgt Ion:264 Resp: 221304
Ion Ratio Lower Upper
264 100
260 22.8 19.6 29.4
265 20.9 15.9 23.9

