

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021122\
 Data File : BF126856.D
 Acq On : 11 Feb 2022 14:38
 Operator : CG\JU
 Sample : N1477-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20220079-BERKELEY-7-COMP

Quant Time: Feb 11 22:42:16 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)

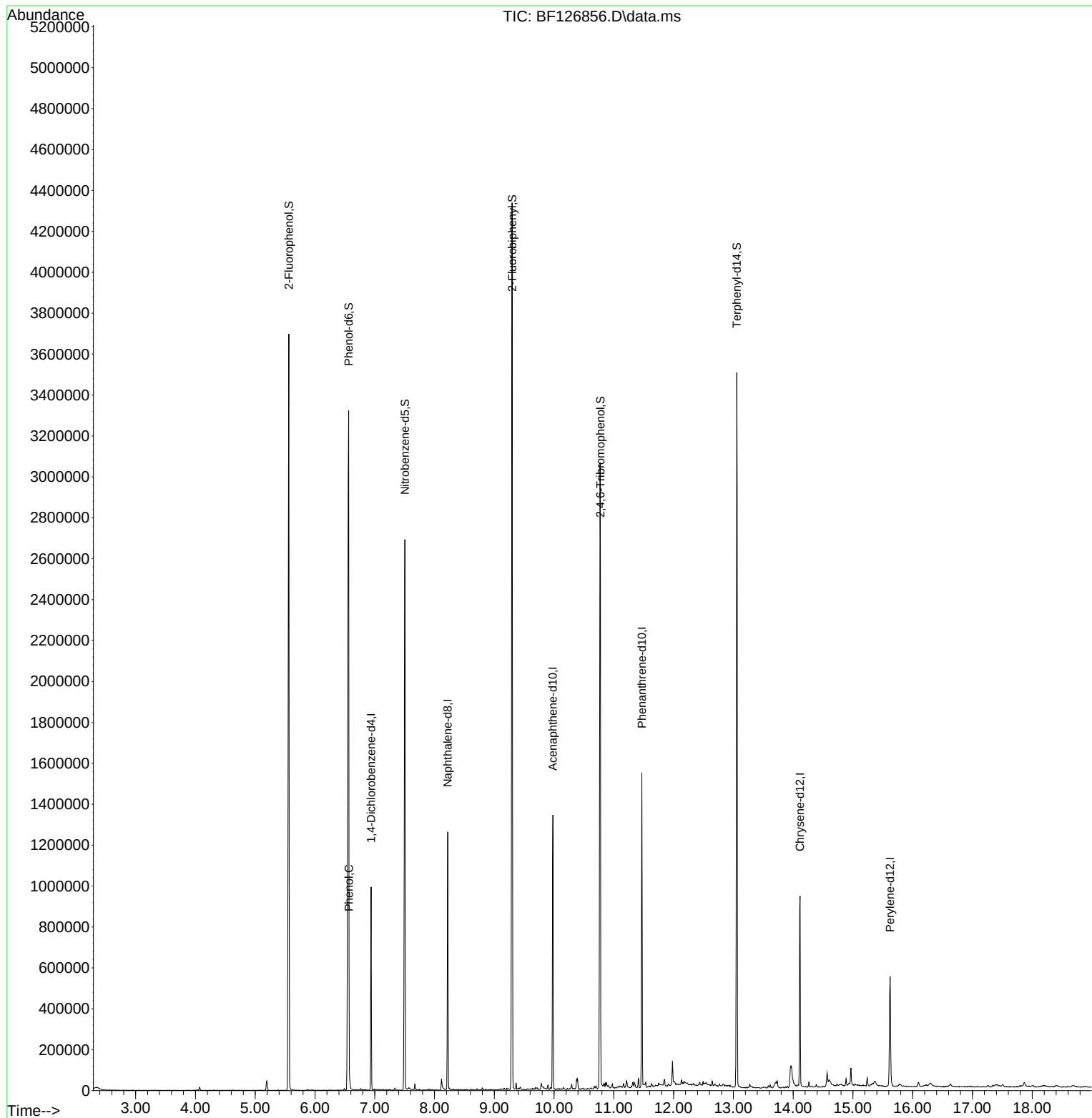
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.939	152	116771	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	479380	20.000	ng	0.00
39) Acenaphthene-d10	9.980	164	254879	20.000	ng	0.00
64) Phenanthrene-d10	11.468	188	474426	20.000	ng	0.00
76) Chrysene-d12	14.115	240	305855	20.000	ng	0.00
86) Perylene-d12	15.621	264	222094	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	982365	129.528	ng	0.00
7) Phenol-d6	6.563	99	1310376	127.984	ng	0.00
23) Nitrobenzene-d5	7.504	82	909969	87.584	ng	0.00
42) 2,4,6-Tribromophenol	10.774	330	371196	135.846	ng	0.00
45) 2-Fluorobiphenyl	9.298	172	1171207	69.170	ng	0.00
79) Terphenyl-d14	13.057	244	1204323	56.448	ng	0.00
Target Compounds						
10) Phenol	6.569	94	24989	2.421	ng	Qvalue # 78

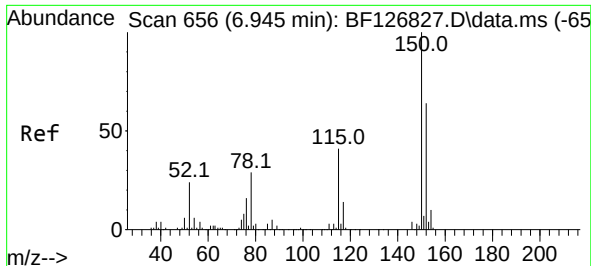
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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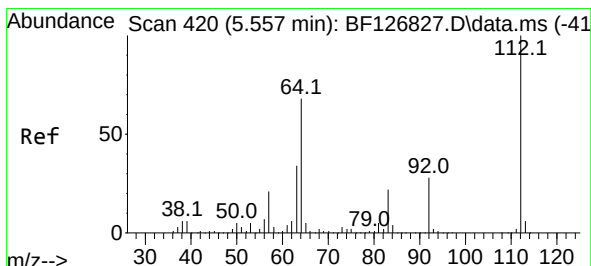
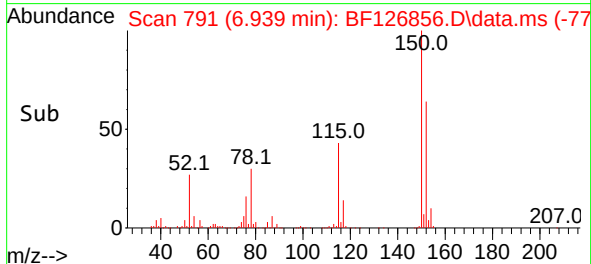
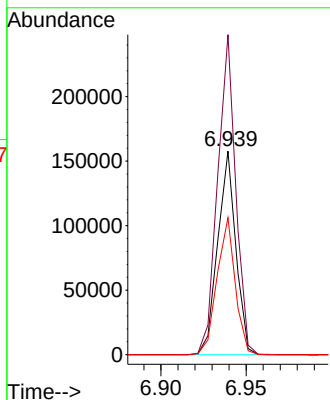
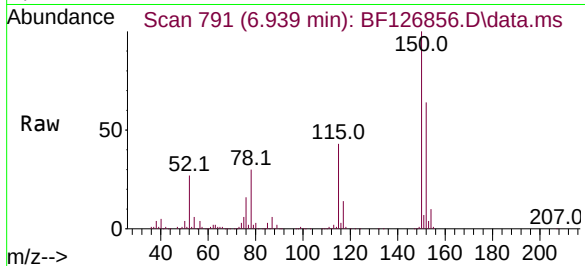




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.939 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126856.D
Acq: 11 Feb 2022 14:38

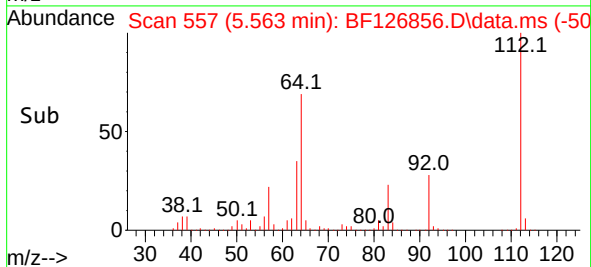
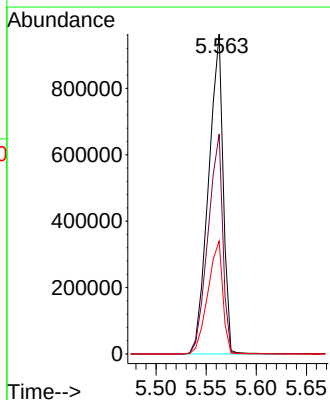
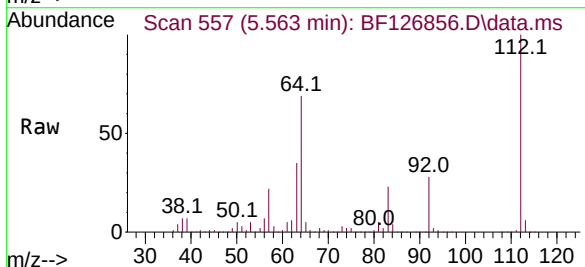
Instrument :
BNA_F
ClientSampleId :
20220079-BERKELEY-7-COMP

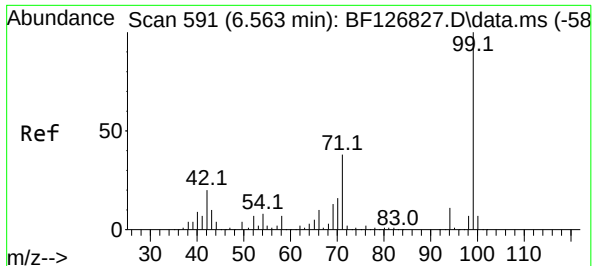
Tgt Ion:152 Resp: 116771
Ion Ratio Lower Upper
152 100
150 157.3 124.3 186.5
115 67.3 50.5 75.7



#5
2-Fluorophenol
Concen: 129.528 ng
RT: 5.563 min Scan# 557
Delta R.T. 0.006 min
Lab File: BF126856.D
Acq: 11 Feb 2022 14:38

Tgt Ion:112 Resp: 982365
Ion Ratio Lower Upper
112 100
64 68.7 54.3 81.5
63 35.3 27.5 41.3





#7

Phenol-d6

Concen: 127.984 ng

RT: 6.563 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF126856.D

Acq: 11 Feb 2022 14:38

Instrument :

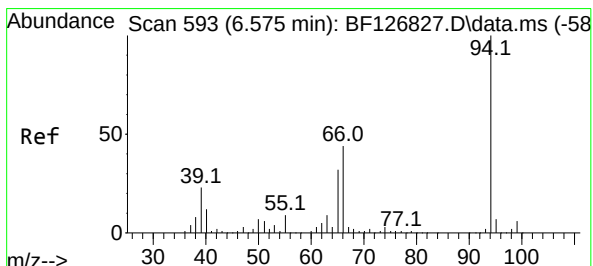
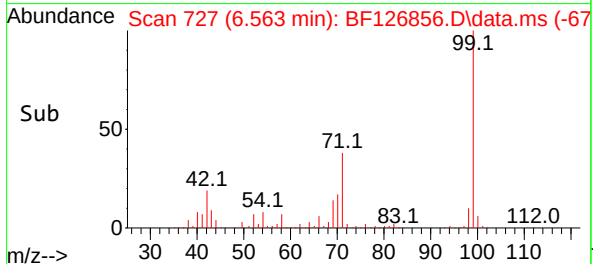
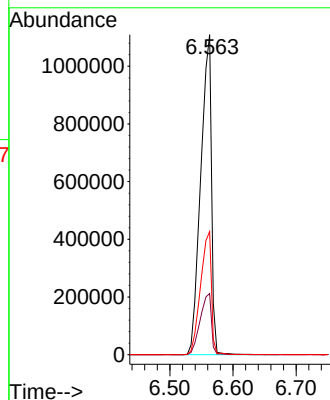
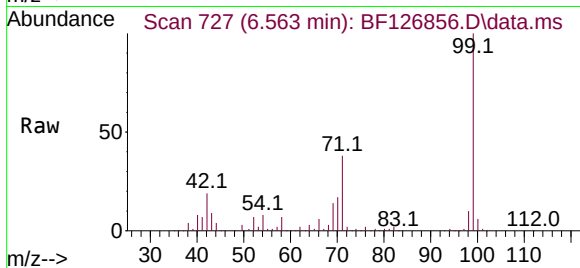
BNA_F

ClientSampleId :

20220079-BERKELEY-7-COMP

Tgt Ion: 99 Resp: 1310376

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.8	23.6
71	38.5	30.6	45.8



#10

Phenol

Concen: 2.421 ng

RT: 6.569 min Scan# 728

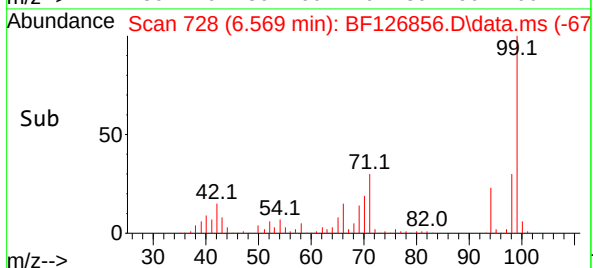
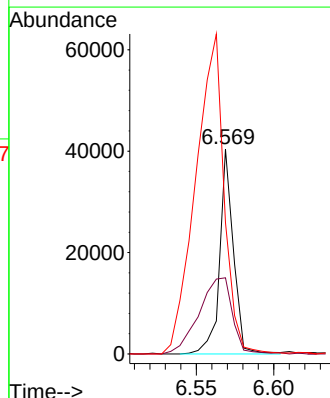
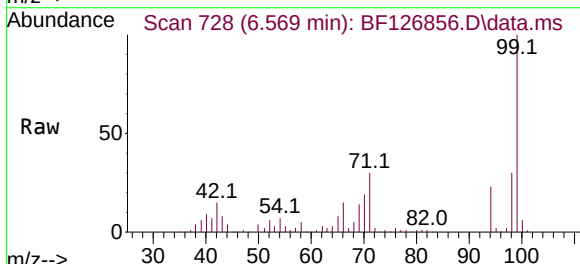
Delta R.T. -0.006 min

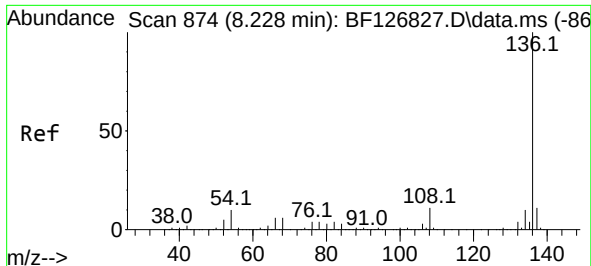
Lab File: BF126856.D

Acq: 11 Feb 2022 14:38

Tgt Ion: 94 Resp: 24989

Ion	Ratio	Lower	Upper
94	100		
65	37.2	12.1	52.1
66	64.2	23.6	63.6

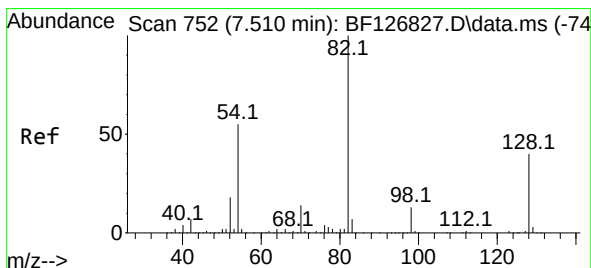
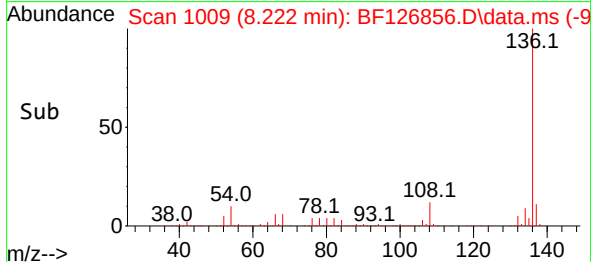
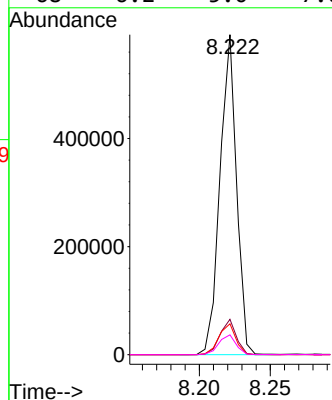
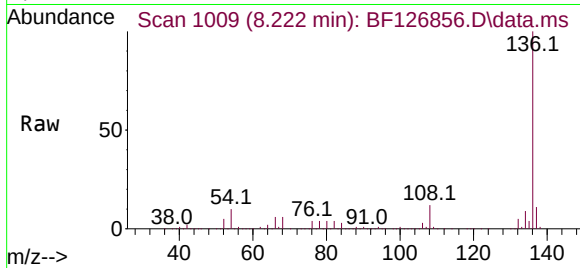




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126856.D
Acq: 11 Feb 2022 14:38

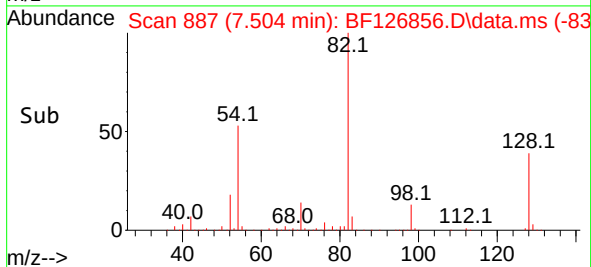
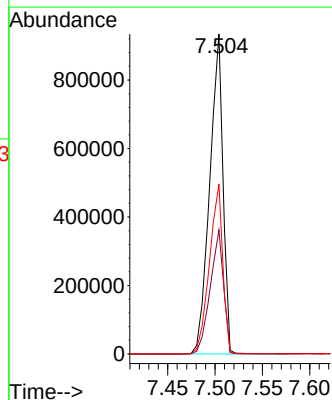
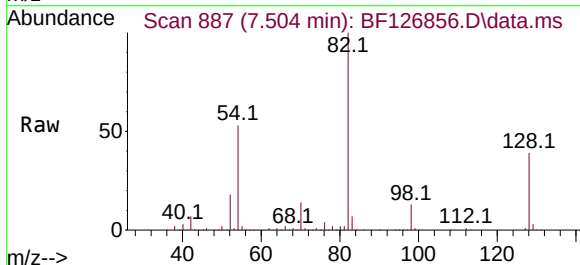
Instrument :
BNA_F
ClientSampleId :
20220079-BERKELEY-7-COMP

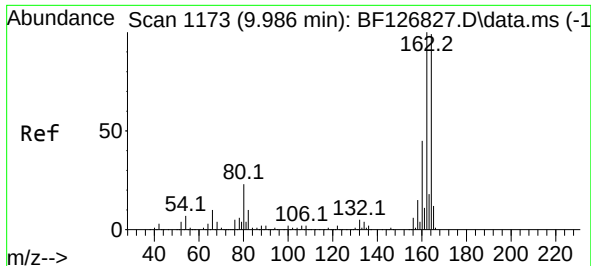
Tgt Ion:136 Resp: 479380
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.7 8.0 12.0
68 6.2 5.0 7.6



#23
Nitrobenzene-d5
Concen: 87.584 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF126856.D
Acq: 11 Feb 2022 14:38

Tgt Ion: 82 Resp: 909969
Ion Ratio Lower Upper
82 100
128 38.8 31.6 47.4
54 53.1 43.7 65.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126856.D

Acq: 11 Feb 2022 14:38

Instrument :

BNA_F

ClientSampleId :

20220079-BERKELEY-7-COMP

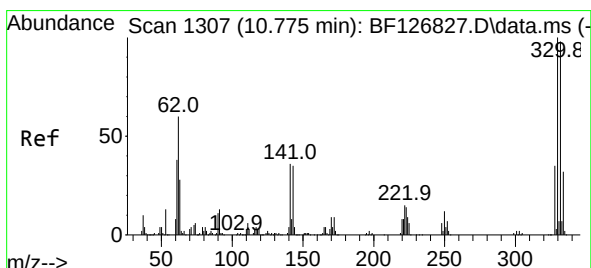
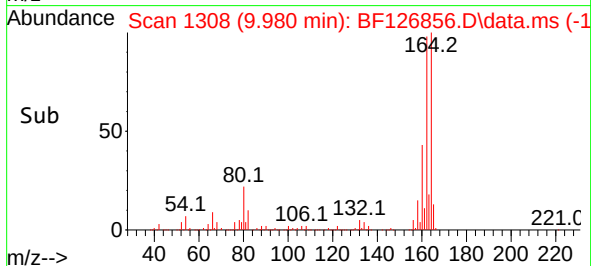
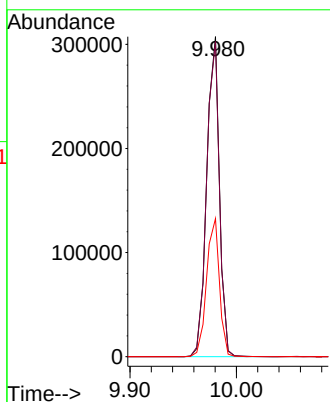
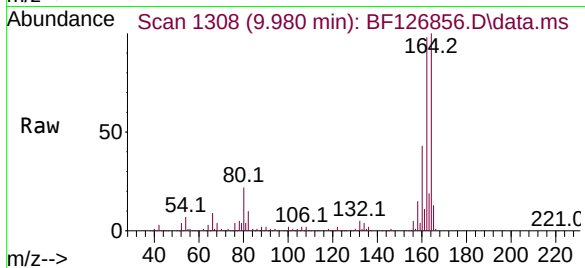
Tgt Ion:164 Resp: 254879

Ion Ratio Lower Upper

164 100

162 98.4 80.9 121.3

160 43.2 36.0 54.0



#42

2,4,6-Tribromophenol

Concen: 135.846 ng

RT: 10.774 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF126856.D

Acq: 11 Feb 2022 14:38

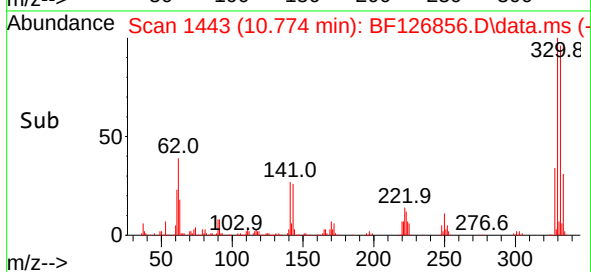
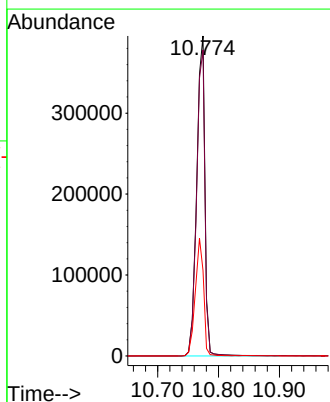
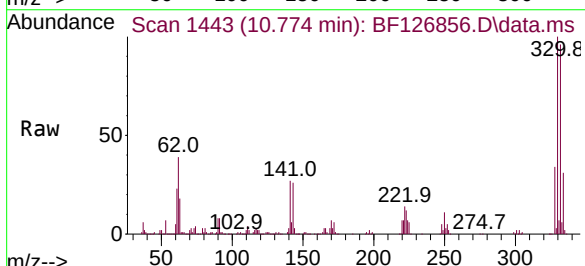
Tgt Ion:330 Resp: 371196

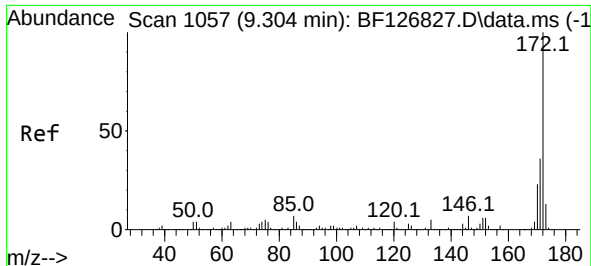
Ion Ratio Lower Upper

330 100

332 96.4 78.2 117.4

141 37.1 31.2 46.8





#45

2-Fluorobiphenyl

Concen: 69.170 ng

RT: 9.298 min Scan# 1192

Delta R.T. -0.006 min

Lab File: BF126856.D

Acq: 11 Feb 2022 14:38

Instrument :

BNA_F

ClientSampleId :

20220079-BERKELEY-7-COMP

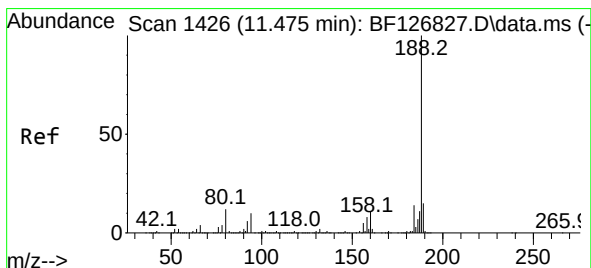
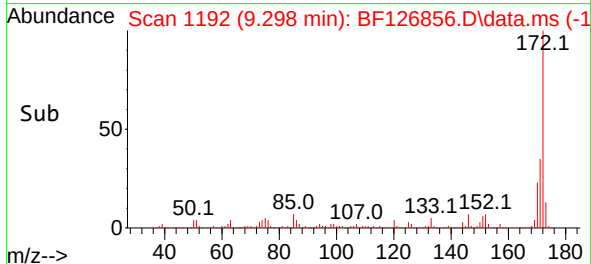
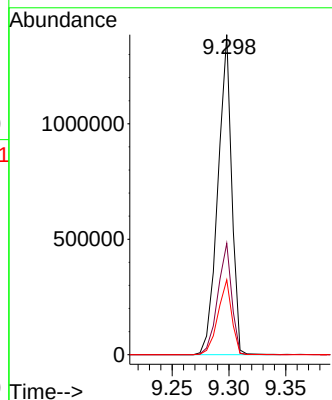
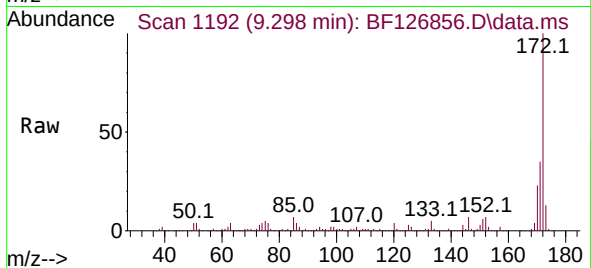
Tgt Ion:172 Resp: 1171207

Ion Ratio Lower Upper

172 100

171 34.8 28.5 42.7

170 23.4 18.7 28.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.468 min Scan# 1561

Delta R.T. -0.006 min

Lab File: BF126856.D

Acq: 11 Feb 2022 14:38

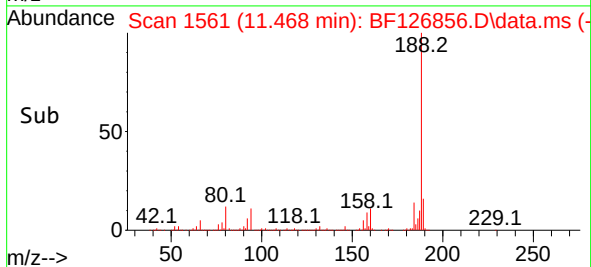
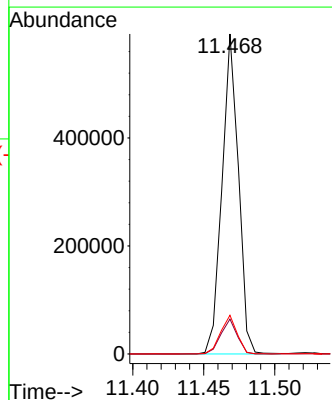
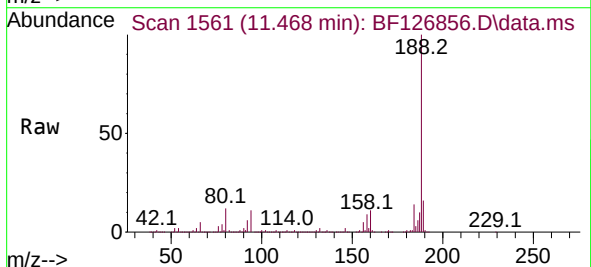
Tgt Ion:188 Resp: 474426

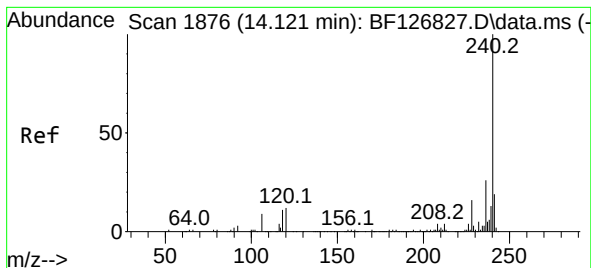
Ion Ratio Lower Upper

188 100

94 10.9 8.1 12.1

80 12.1 9.5 14.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.115 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF126856.D

Acq: 11 Feb 2022 14:38

Instrument :

BNA_F

ClientSampleId :

20220079-BERKELEY-7-COMP

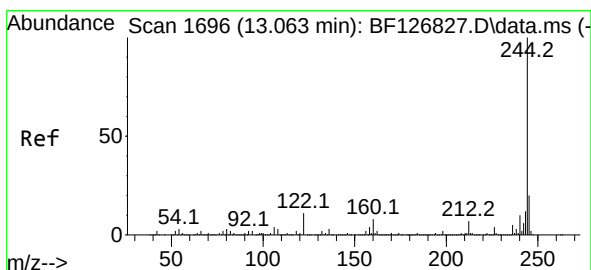
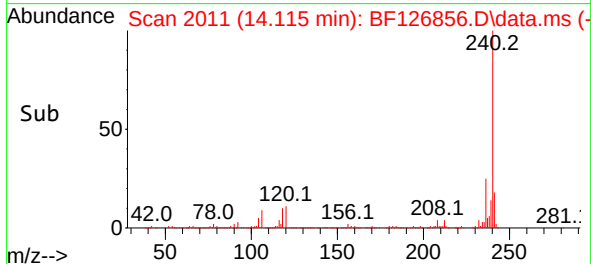
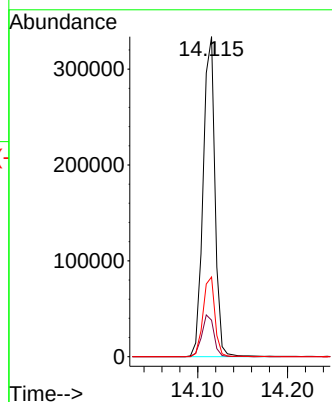
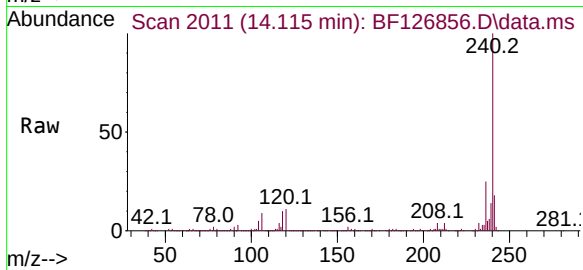
Tgt Ion:240 Resp: 305855

Ion Ratio Lower Upper

240 100

120 11.4 9.8 14.6

236 24.9 20.5 30.7



#79

Terphenyl-d14

Concen: 56.448 ng

RT: 13.057 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BF126856.D

Acq: 11 Feb 2022 14:38

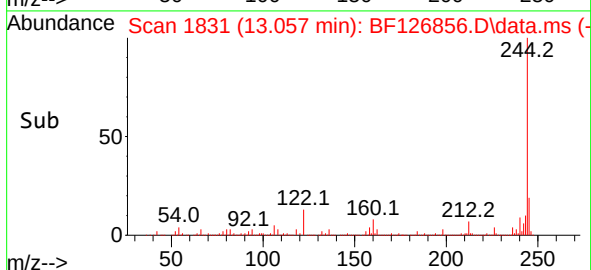
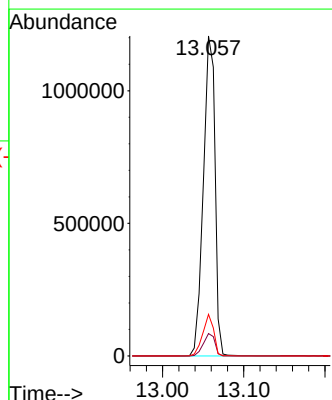
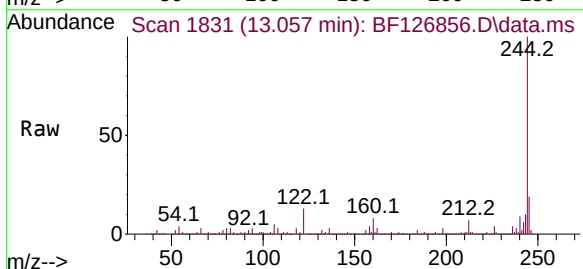
Tgt Ion:244 Resp: 1204323

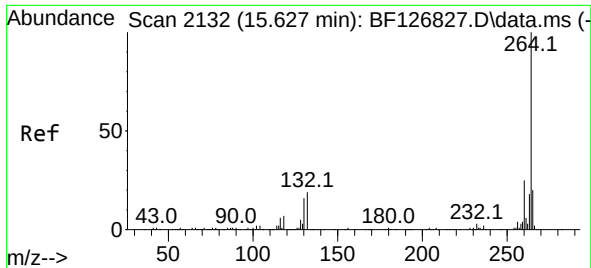
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

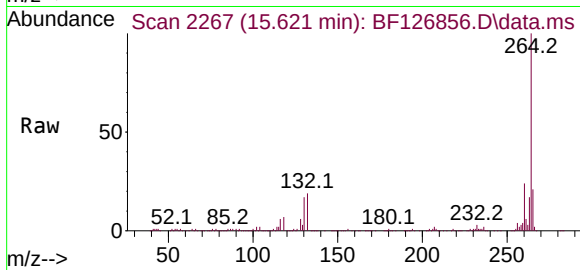
122 13.0 9.0 13.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126856.D
 Acq: 11 Feb 2022 14:38

Instrument :
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Tgt Ion:264 Resp: 222094
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 21.4 15.9 23.9

