

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
Data File : BF137814.D
Acq On : 02 May 2024 14:45
Operator : CG\JU
Sample : P2323-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Time: May 02 15:50:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	143170	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	549436	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	310391	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	768346	20.000	ng	0.00
76) Chrysene-d12	14.245	240	389939	20.000	ng	0.00
86) Perylene-d12	15.821	264	264288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	867136	101.406	ng	0.01
7) Phenol-d6	6.669	99	972255	89.640	ng	0.00
23) Nitrobenzene-d5	7.616	82	739493	78.195	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	544865	171.927	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1562807	81.685	ng	0.00
79) Terphenyl-d14	13.186	244	2429971	104.434	ng	0.00

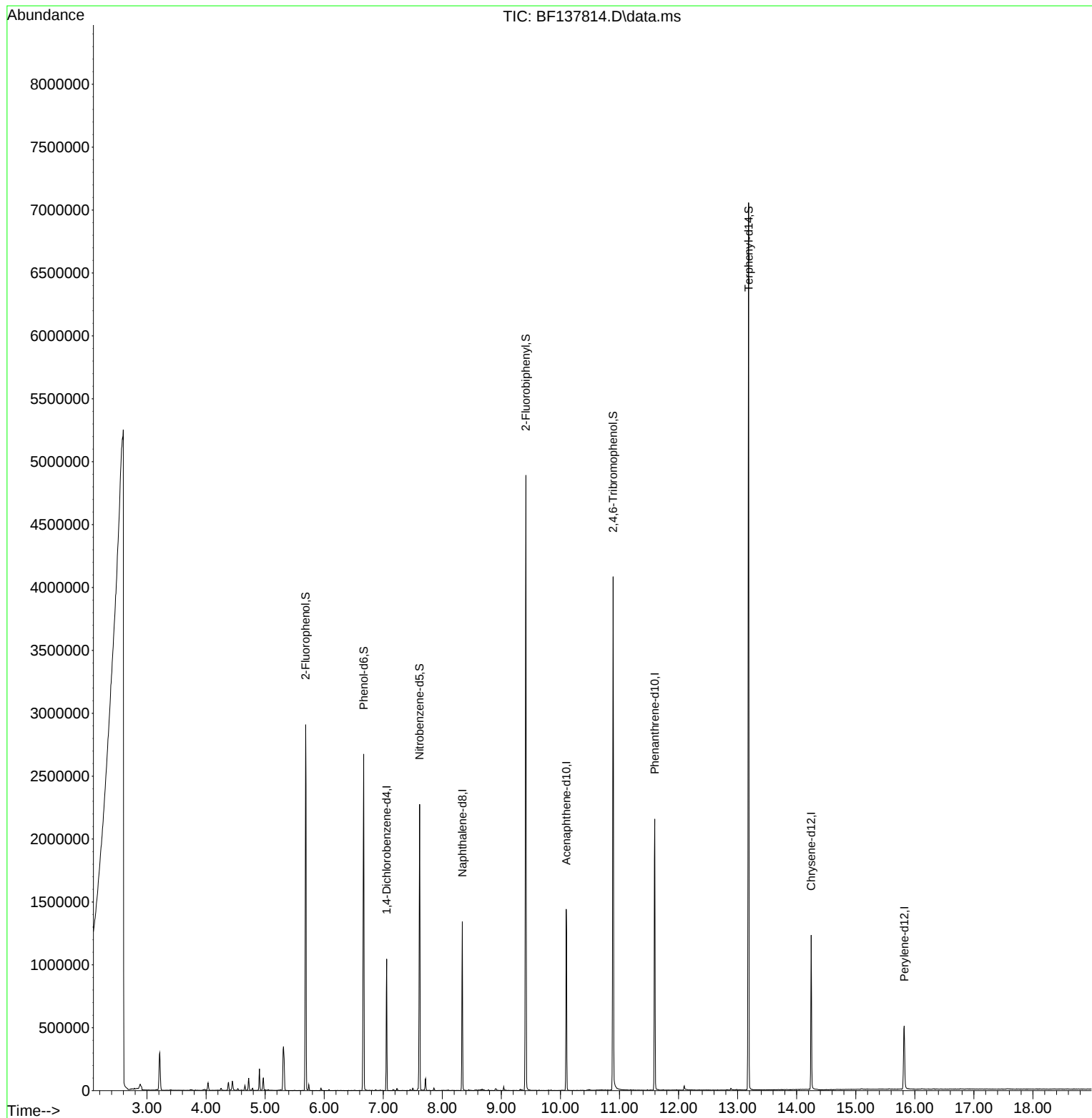
Target Compounds Qvalue

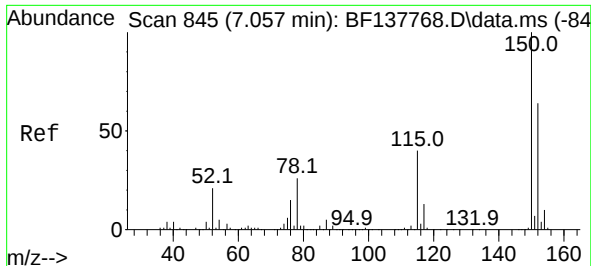
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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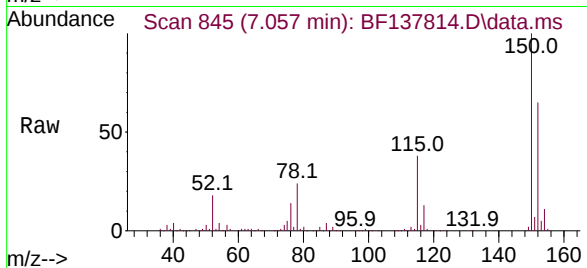
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration



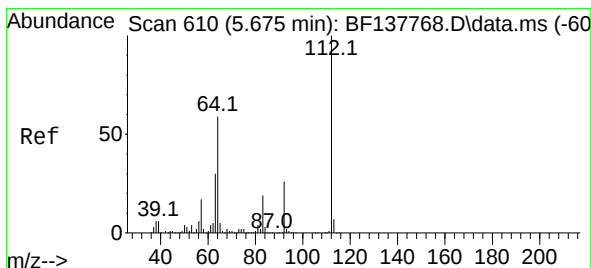
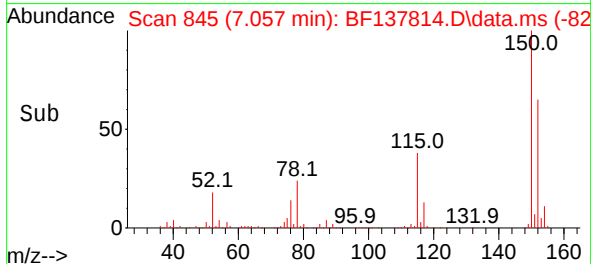
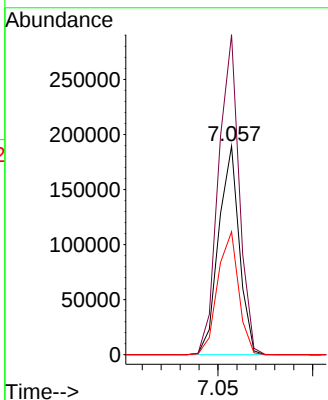


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137814.D
Acq: 02 May 2024 14:45

Instrument :
BNA_F
ClientSampleId :
TP-3

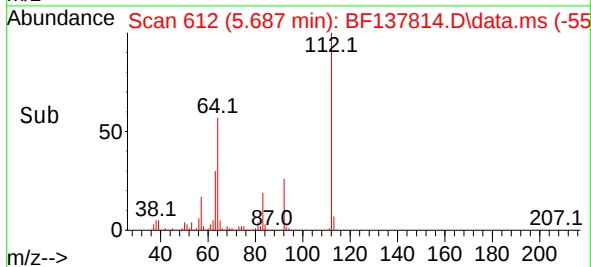
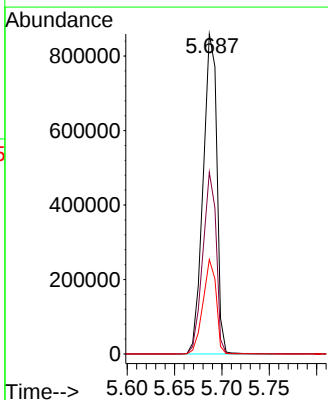
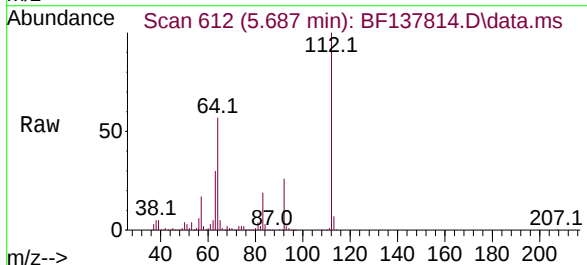


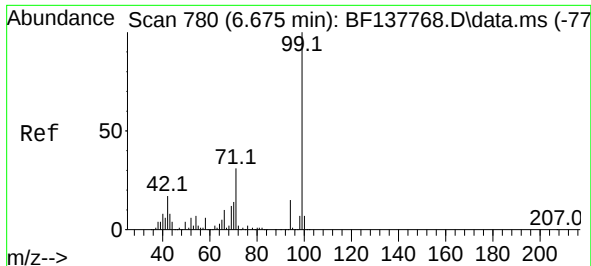
Tgt Ion:152 Resp: 143170
Ion Ratio Lower Upper
152 100
150 153.4 124.1 186.1
115 58.9 49.1 73.7



#5
2-Fluorophenol
Concen: 101.406 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137814.D
Acq: 02 May 2024 14:45

Tgt Ion:112 Resp: 867136
Ion Ratio Lower Upper
112 100
64 56.8 47.3 70.9
63 29.5 23.7 35.5

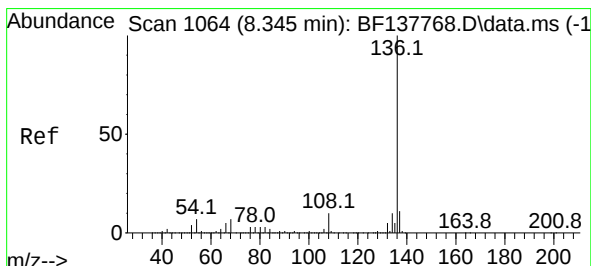
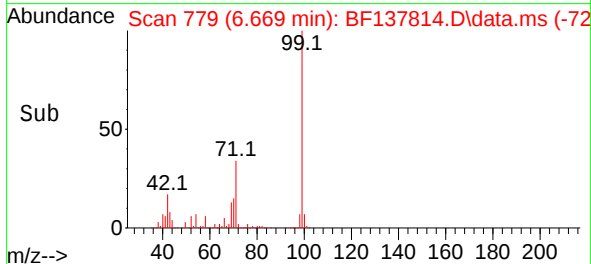
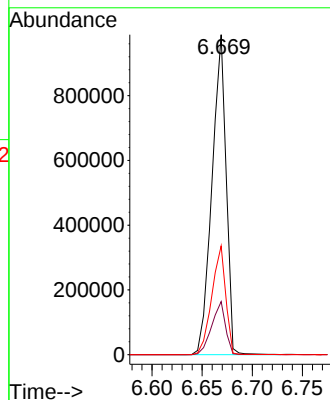
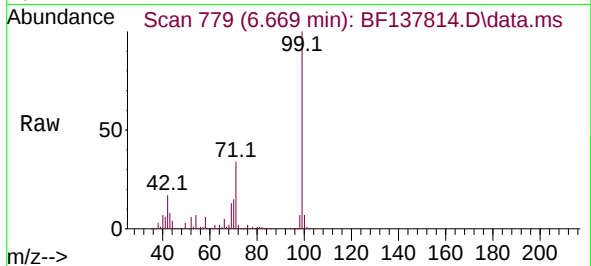




#7
Phenol-d6
Concen: 89.640 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137814.D
Acq: 02 May 2024 14:45

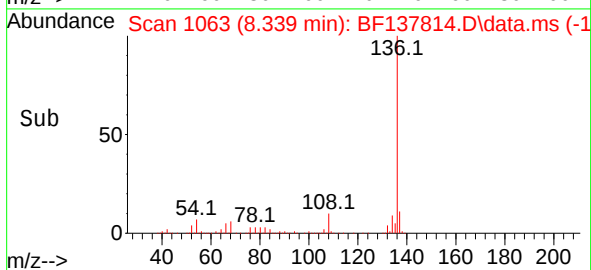
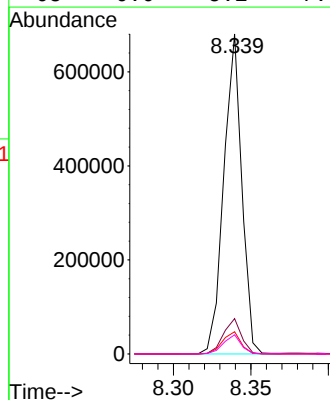
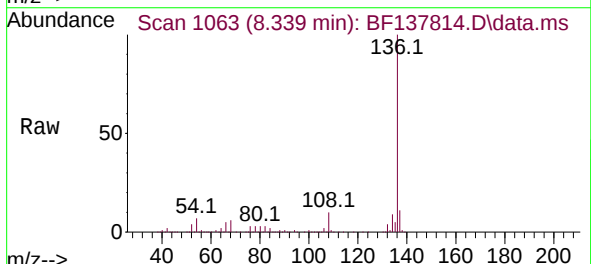
Instrument :
BNA_F
ClientSampleId :
TP-3

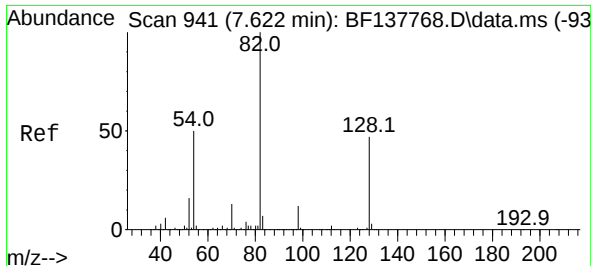
Tgt Ion: 99 Resp: 972255
Ion Ratio Lower Upper
99 100
42 16.6 13.2 19.8
71 34.0 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137814.D
Acq: 02 May 2024 14:45

Tgt Ion: 136 Resp: 549436
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.0 5.8 8.8
68 6.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 78.195 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137814.D

Acq: 02 May 2024 14:45

Instrument :

BNA_F

ClientSampleId :

TP-3

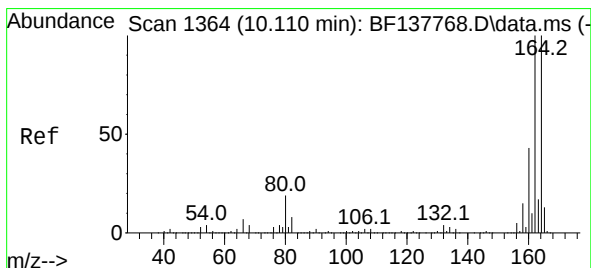
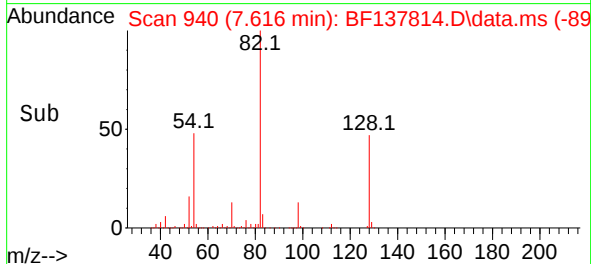
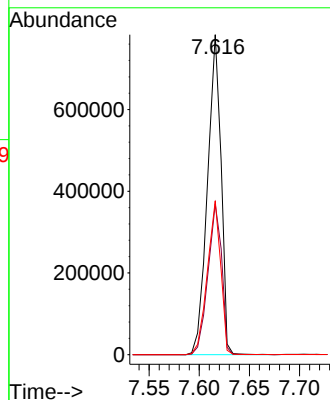
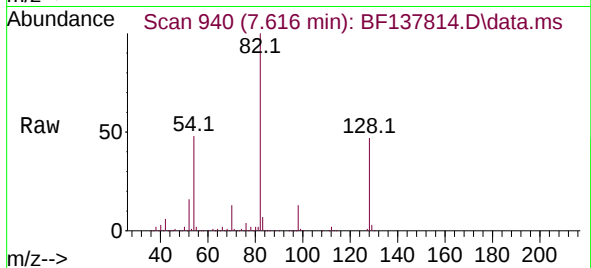
Tgt Ion: 82 Resp: 739493

Ion Ratio Lower Upper

82 100

128 47.2 37.5 56.3

54 48.1 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.098 min Scan# 1362

Delta R.T. -0.012 min

Lab File: BF137814.D

Acq: 02 May 2024 14:45

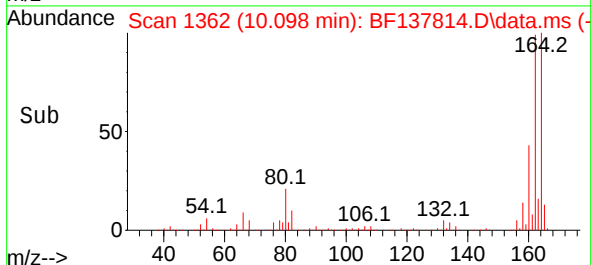
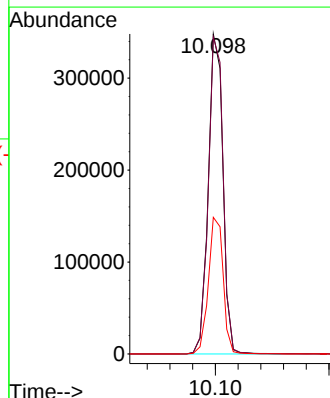
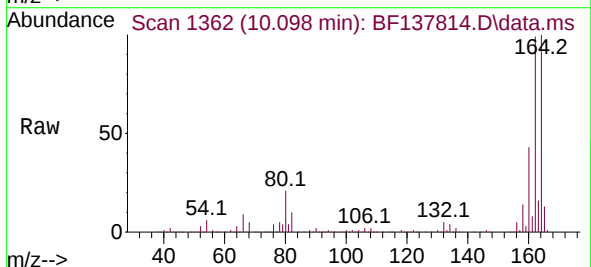
Tgt Ion:164 Resp: 310391

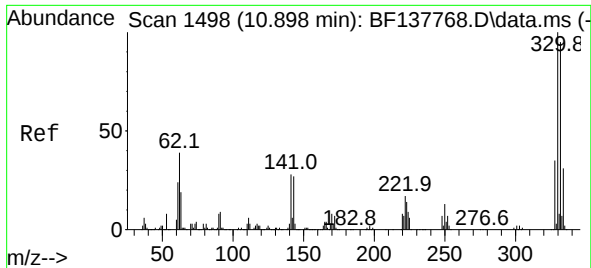
Ion Ratio Lower Upper

164 100

162 99.0 79.8 119.6

160 42.7 34.4 51.6

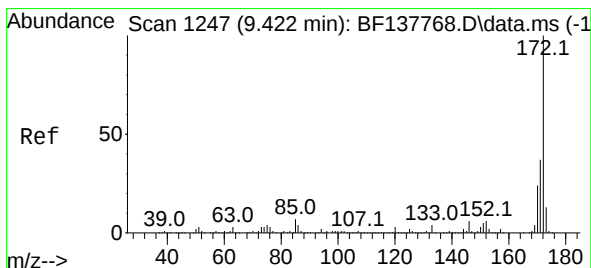
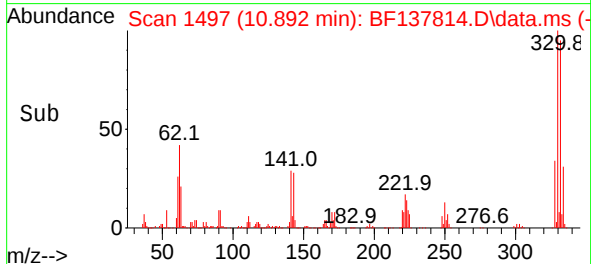
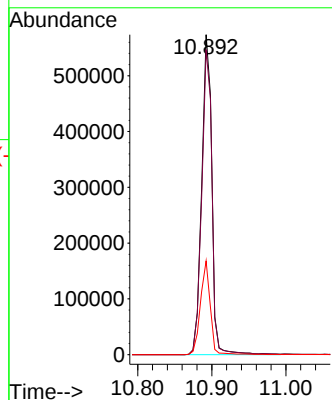
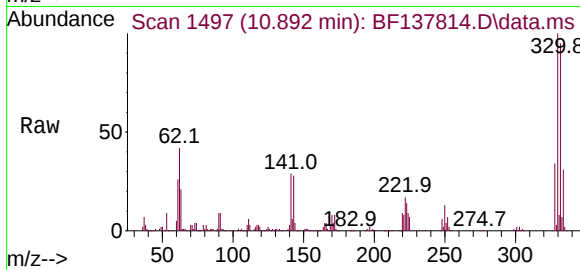




#42
2,4,6-Tribromophenol
Concen: 171.927 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF137814.D
Acq: 02 May 2024 14:45

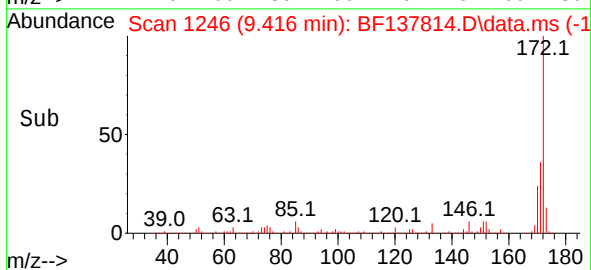
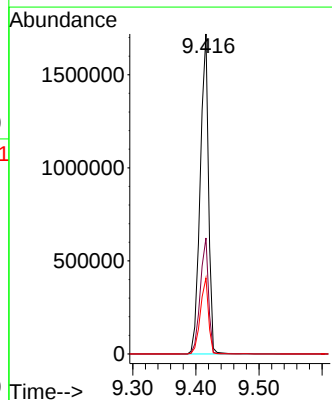
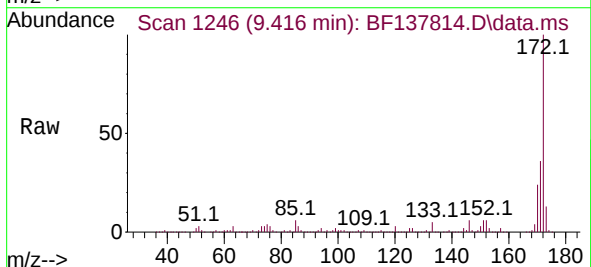
Instrument :
BNA_F
ClientSampleId :
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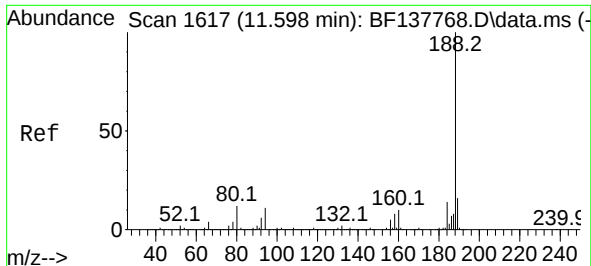
Tgt Ion:330 Resp: 544865
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 28.3 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 81.685 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF137814.D
Acq: 02 May 2024 14:45

Tgt Ion:172 Resp: 1562807
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 23.8 19.4 29.2

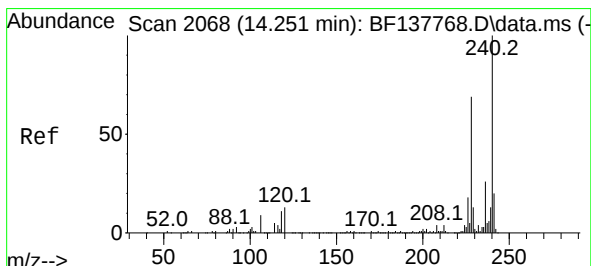
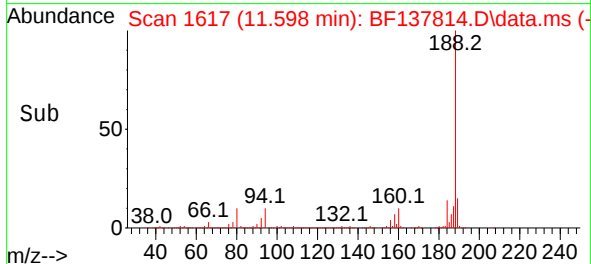
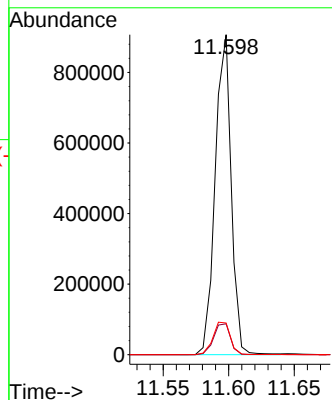
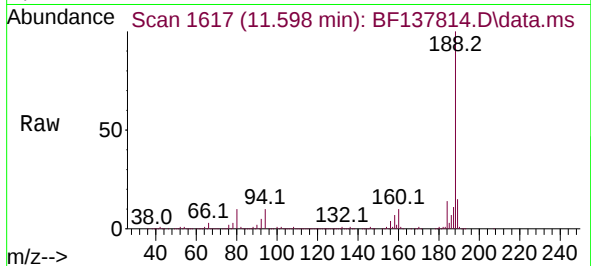




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.598 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF137814.D
Acq: 02 May 2024 14:45

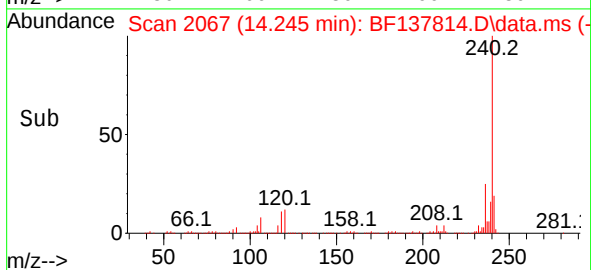
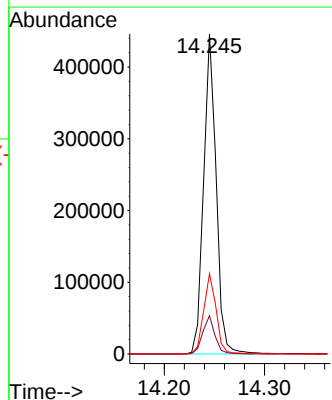
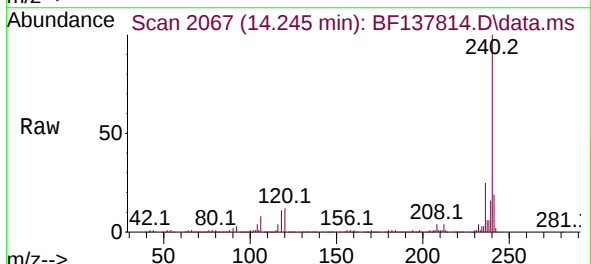
Instrument :
BNA_F
ClientSampleId :
TP-3

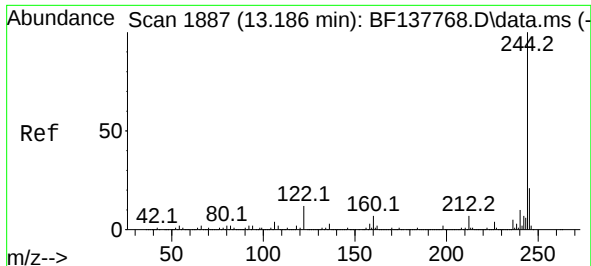
Tgt Ion:188 Resp: 768346
Ion Ratio Lower Upper
188 100
94 9.7 8.8 13.2
80 9.9 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137814.D
Acq: 02 May 2024 14:45

Tgt Ion:240 Resp: 389939
Ion Ratio Lower Upper
240 100
120 12.0 10.4 15.6
236 25.1 20.4 30.6





#79

Terphenyl-d14

Concen: 104.434 ng

RT: 13.186 min Scan# 1887

Delta R.T. 0.000 min

Lab File: BF137814.D

Acq: 02 May 2024 14:45

Instrument :

BNA_F

ClientSampleId :

TP-3

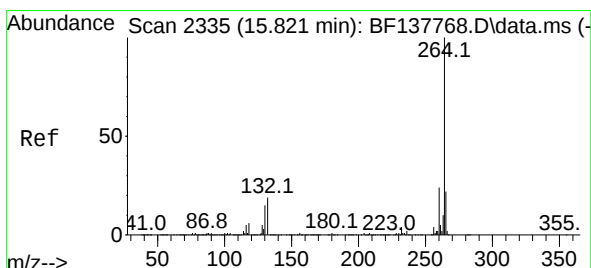
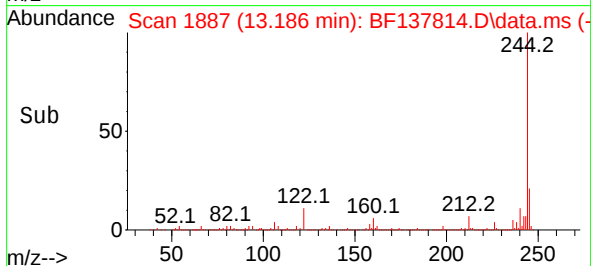
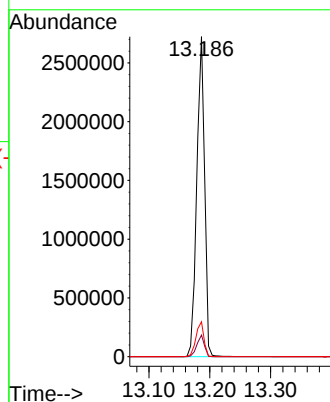
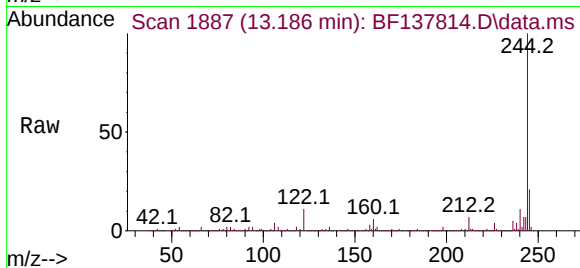
Tgt Ion:244 Resp: 2429971

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 10.9 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.821 min Scan# 2335

Delta R.T. 0.000 min

Lab File: BF137814.D

Acq: 02 May 2024 14:45

Tgt Ion:264 Resp: 264288

Ion Ratio Lower Upper

264 100

260 22.7 18.9 28.3

265 20.6 17.4 26.0

