

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
 Data File : BF137467.D
 Acq On : 01 Mar 2024 19:15
 Operator : CG\JU
 Sample : P1659-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Mar 01 23:12:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 12:53:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	173946	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	666929	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	333587	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	503160	20.000	ng	0.00
76) Chrysene-d12	14.057	240	378812	20.000	ng	-0.01
86) Perylene-d12	15.592	264	275881	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1279757	111.428	ng	0.00
7) Phenol-d6	6.516	99	1539538	92.864	ng	-0.01
23) Nitrobenzene-d5	7.434	82	1098624	76.540	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	304210	103.845	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1828585	85.807	ng	0.00
79) Terphenyl-d14	13.004	244	1738404	63.105	ng	0.00

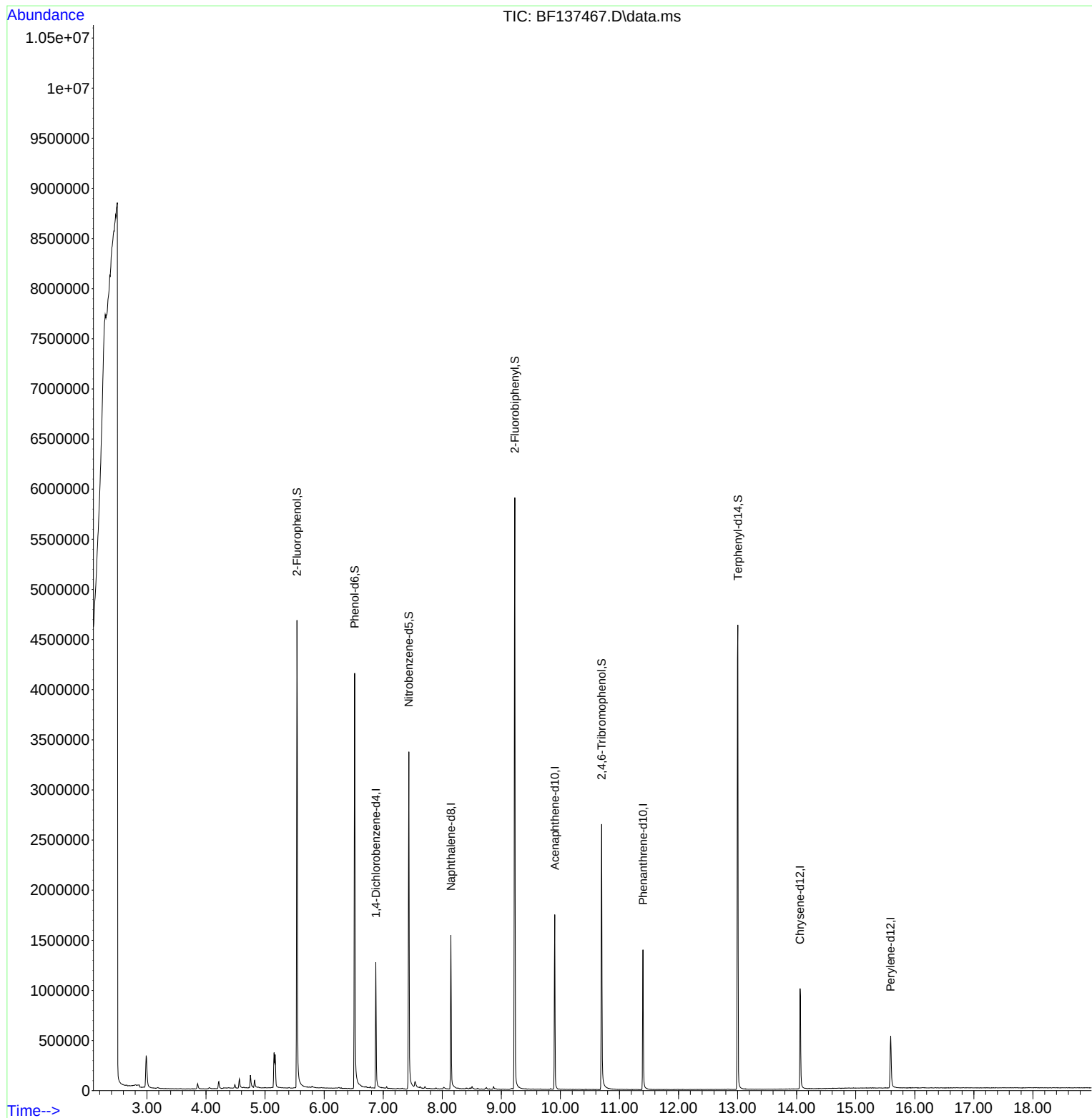
Target Compounds	Qvalue

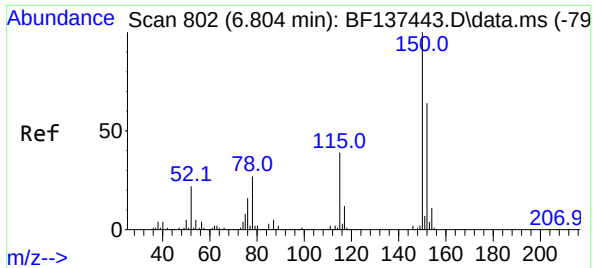
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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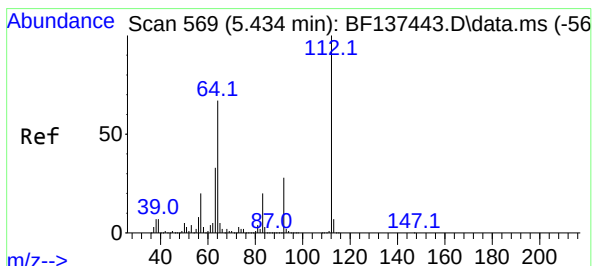
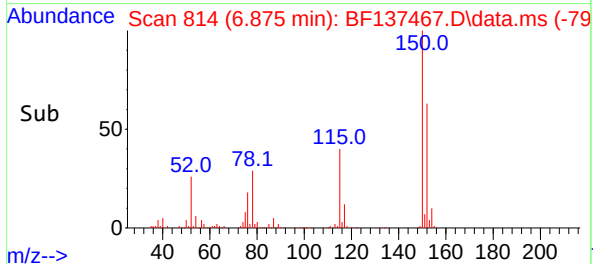
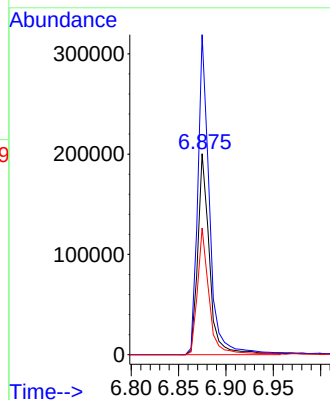
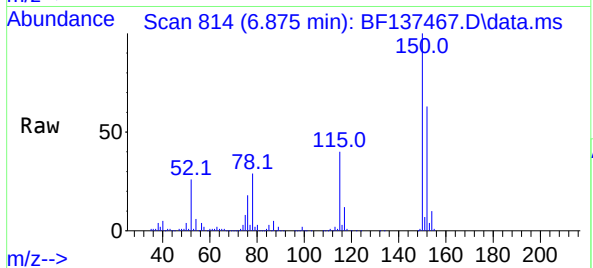




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF137467.D
Acq: 01 Mar 2024 19:15

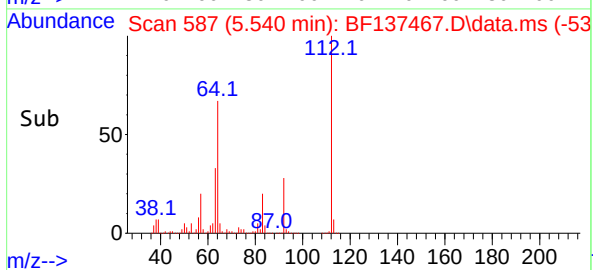
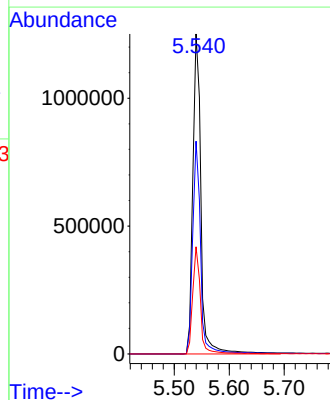
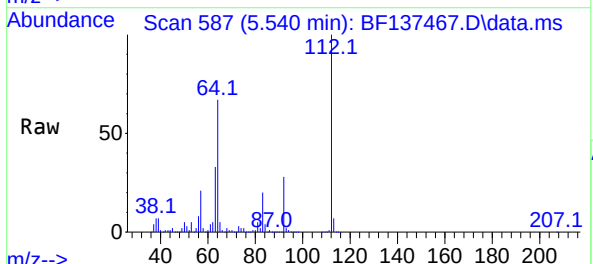
Instrument :
BNA_F
ClientSampleId :
TP-7

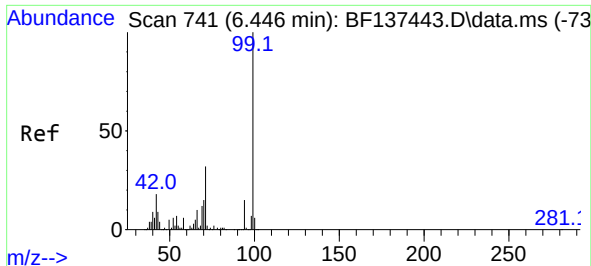
Tgt Ion:152 Resp: 173946
Ion Ratio Lower Upper
152 100
150 159.3 125.8 188.6
115 63.1 48.8 73.2



#5
2-Fluorophenol
Concen: 111.428 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.006 min
Lab File: BF137467.D
Acq: 01 Mar 2024 19:15

Tgt Ion:112 Resp: 1279757
Ion Ratio Lower Upper
112 100
64 66.5 53.4 80.2
63 33.5 26.2 39.2

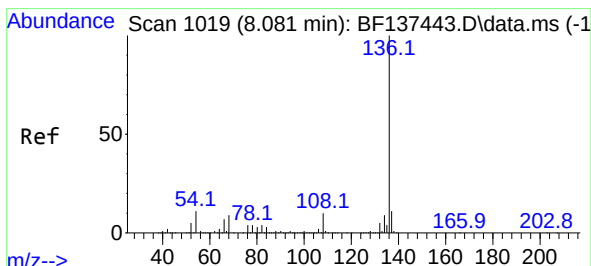
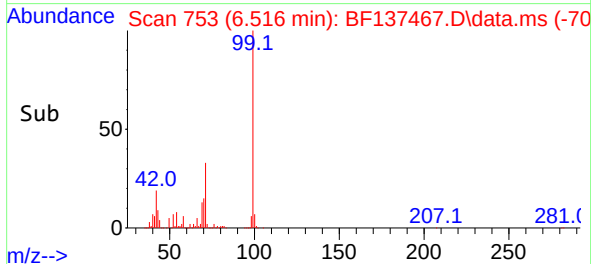
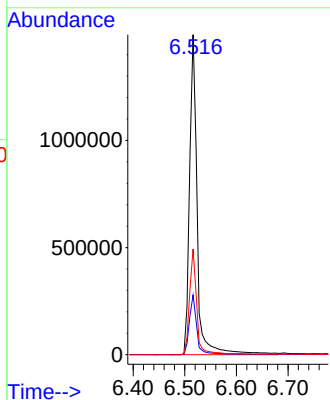
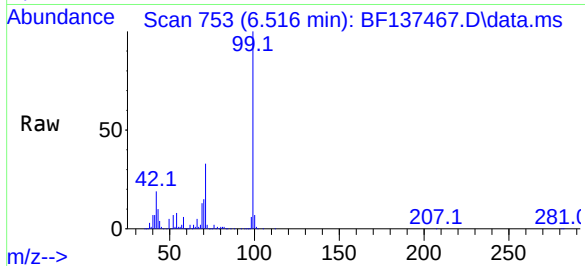




#7
Phenol-d6
Concen: 92.864 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137467.D
Acq: 01 Mar 2024 19:15

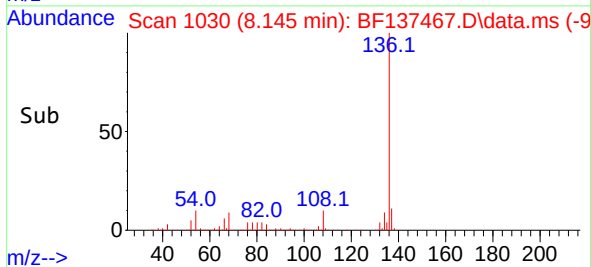
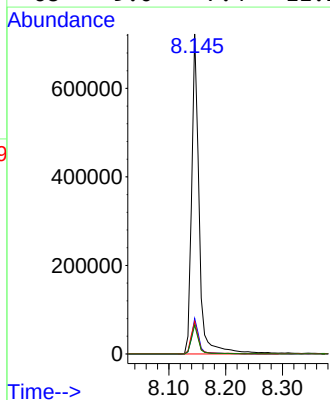
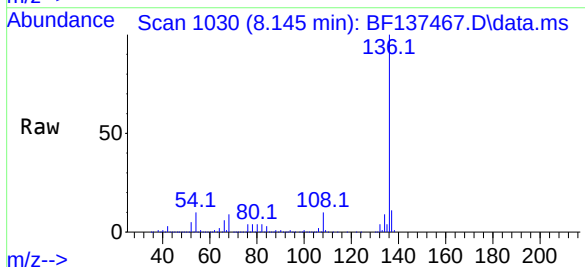
Instrument :
BNA_F
ClientSampleId :
TP-7

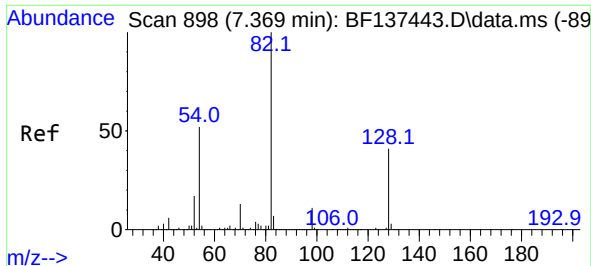
Tgt Ion: 99 Resp: 1539538
Ion Ratio Lower Upper
99 100
42 18.6 14.6 21.8
71 33.0 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF137467.D
Acq: 01 Mar 2024 19:15

Tgt Ion:136 Resp: 666929
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 10.1 8.5 12.7
68 9.0 7.4 11.2

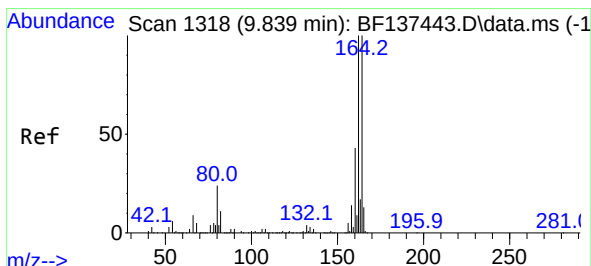
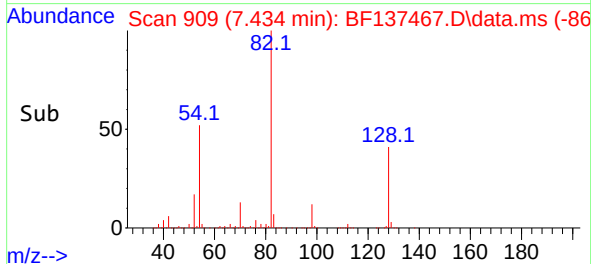
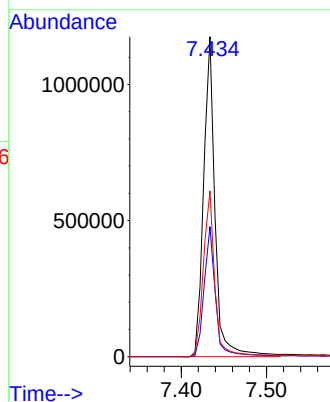
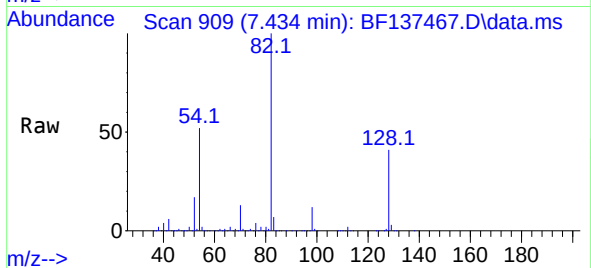




#23
Nitrobenzene-d5
Concen: 76.540 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF137467.D
Acq: 01 Mar 2024 19:15

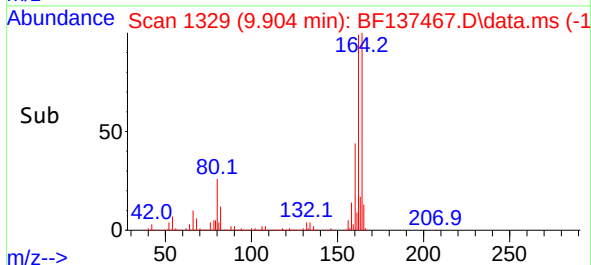
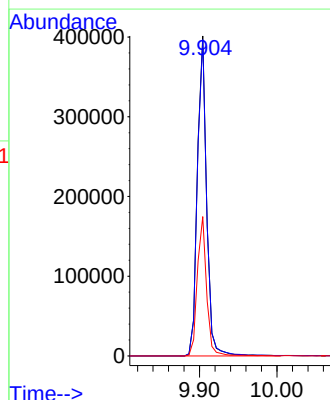
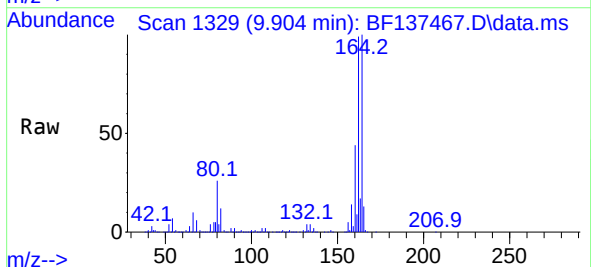
Instrument :
BNA_F
ClientSampleId :
TP-7

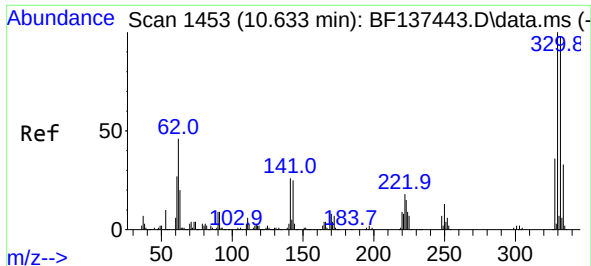
Tgt Ion: 82 Resp: 1098624
Ion Ratio Lower Upper
82 100
128 40.7 32.5 48.7
54 51.8 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF137467.D
Acq: 01 Mar 2024 19:15

Tgt Ion: 164 Resp: 333587
Ion Ratio Lower Upper
164 100
162 98.9 79.8 119.8
160 43.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 103.845 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.012 min

Lab File: BF137467.D

Acq: 01 Mar 2024 19:15

Instrument :

BNA_F

ClientSampleId :

TP-7

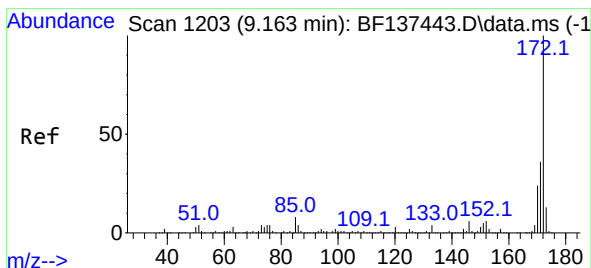
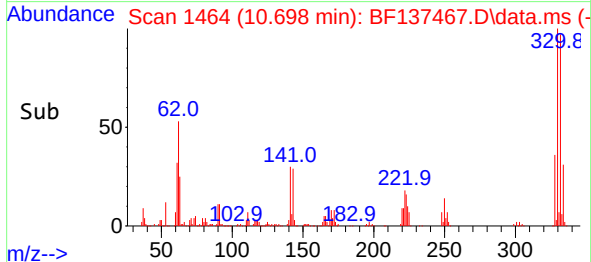
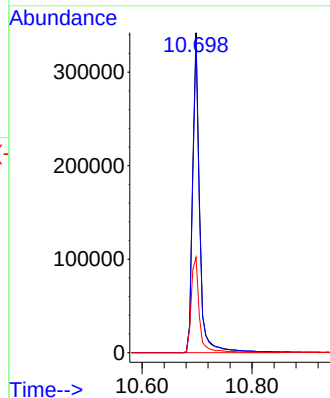
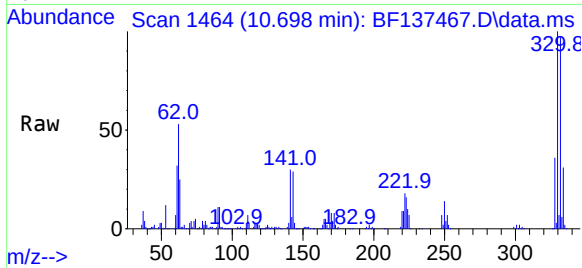
Tgt Ion:330 Resp: 304210

Ion Ratio Lower Upper

330 100

332 96.3 78.0 117.0

141 34.9 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 85.807 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF137467.D

Acq: 01 Mar 2024 19:15

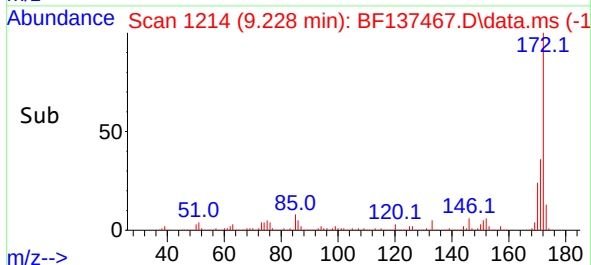
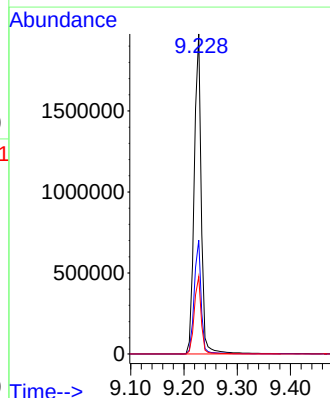
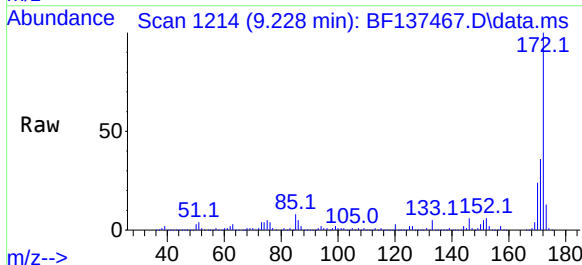
Tgt Ion:172 Resp: 1828585

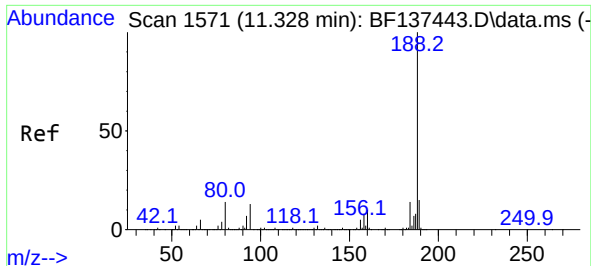
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 24.2 19.0 28.6

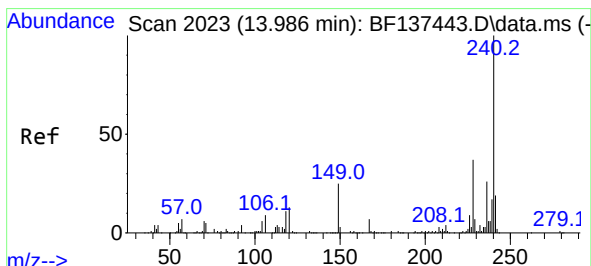
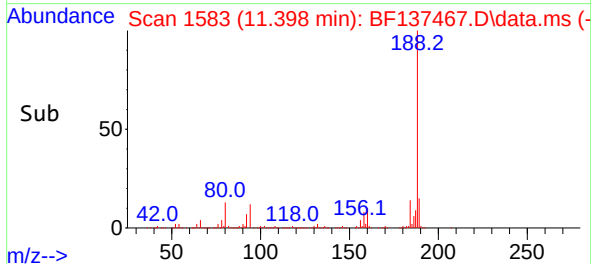
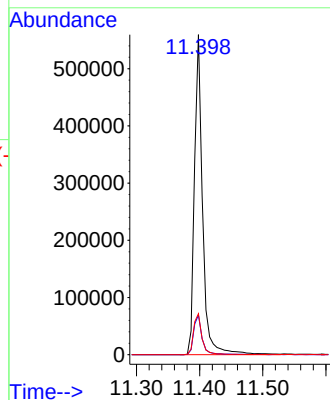
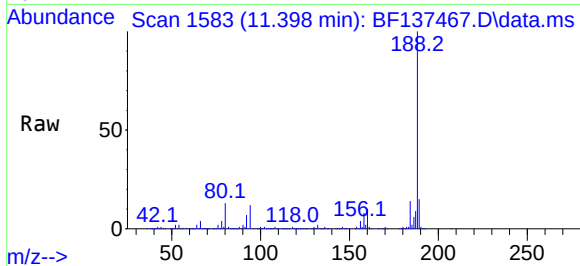




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137467.D
Acq: 01 Mar 2024 19:15

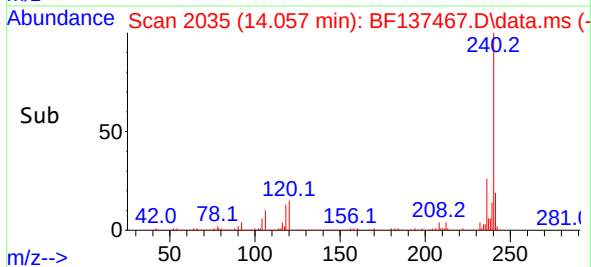
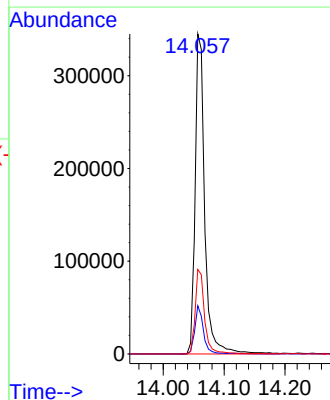
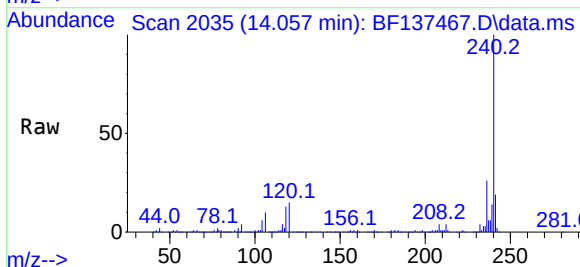
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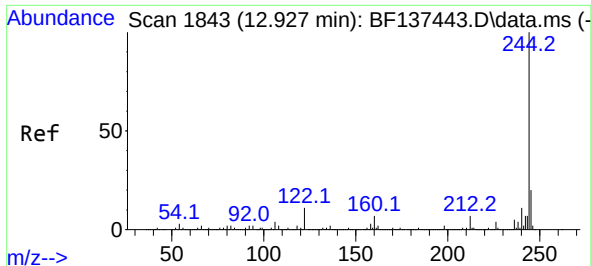
Tgt Ion:188 Resp: 503160
Ion Ratio Lower Upper
188 100
94 12.4 10.6 15.8
80 12.8 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF137467.D
Acq: 01 Mar 2024 19:15

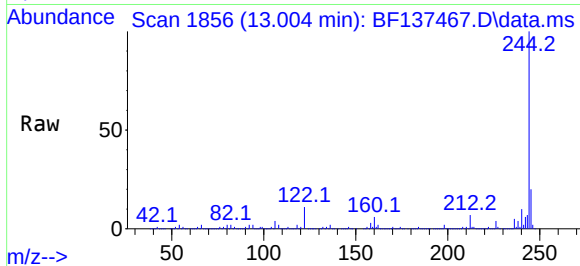
Tgt Ion:240 Resp: 378812
Ion Ratio Lower Upper
240 100
120 15.1 10.4 15.6
236 26.4 20.9 31.3



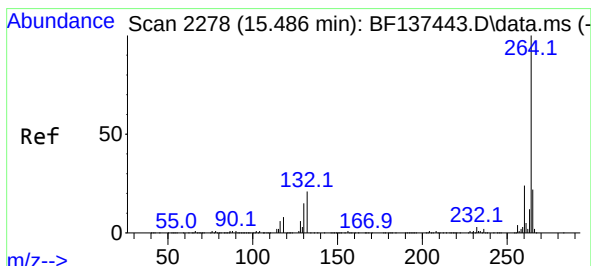
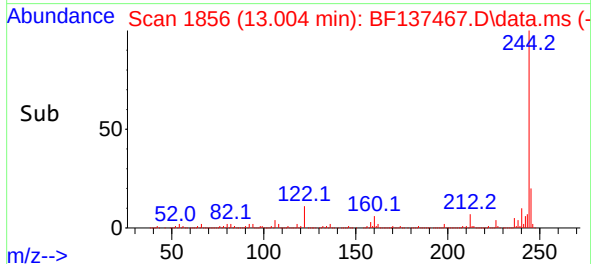
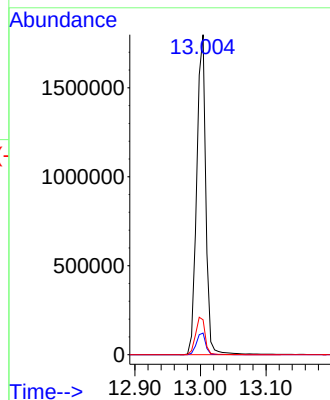


#79
Terphenyl-d14
Concen: 63.105 ng
RT: 13.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137467.D
Acq: 01 Mar 2024 19:15

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 1738404
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.2
122 10.9 9.1 13.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BF137467.D
Acq: 01 Mar 2024 19:15

Tgt Ion:264 Resp: 275881
Ion Ratio Lower Upper
264 100
260 23.6 19.3 28.9
265 21.1 17.4 26.0

