

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
Data File : BF137452.D
Acq On : 01 Mar 2024 10:56
Operator : CG\JU
Sample : PB159365BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB159365BL

Quant Time: Mar 01 12:57:15 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	6.881	152	237604	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	948877	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	521812	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	984371	20.000	ng	0.00
76) Chrysene-d12	14.063	240	644902	20.000	ng	0.00
86) Perylene-d12	15.598	264	487028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	1873624	119.429	ng	0.02
7) Phenol-d6	6.528	99	2558395	112.976	ng	0.00
23) Nitrobenzene-d5	7.439	82	1611488	78.910	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	588140	128.347	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2590774	77.720	ng	0.00
79) Terphenyl-d14	13.010	244	3244990	69.192	ng	0.00

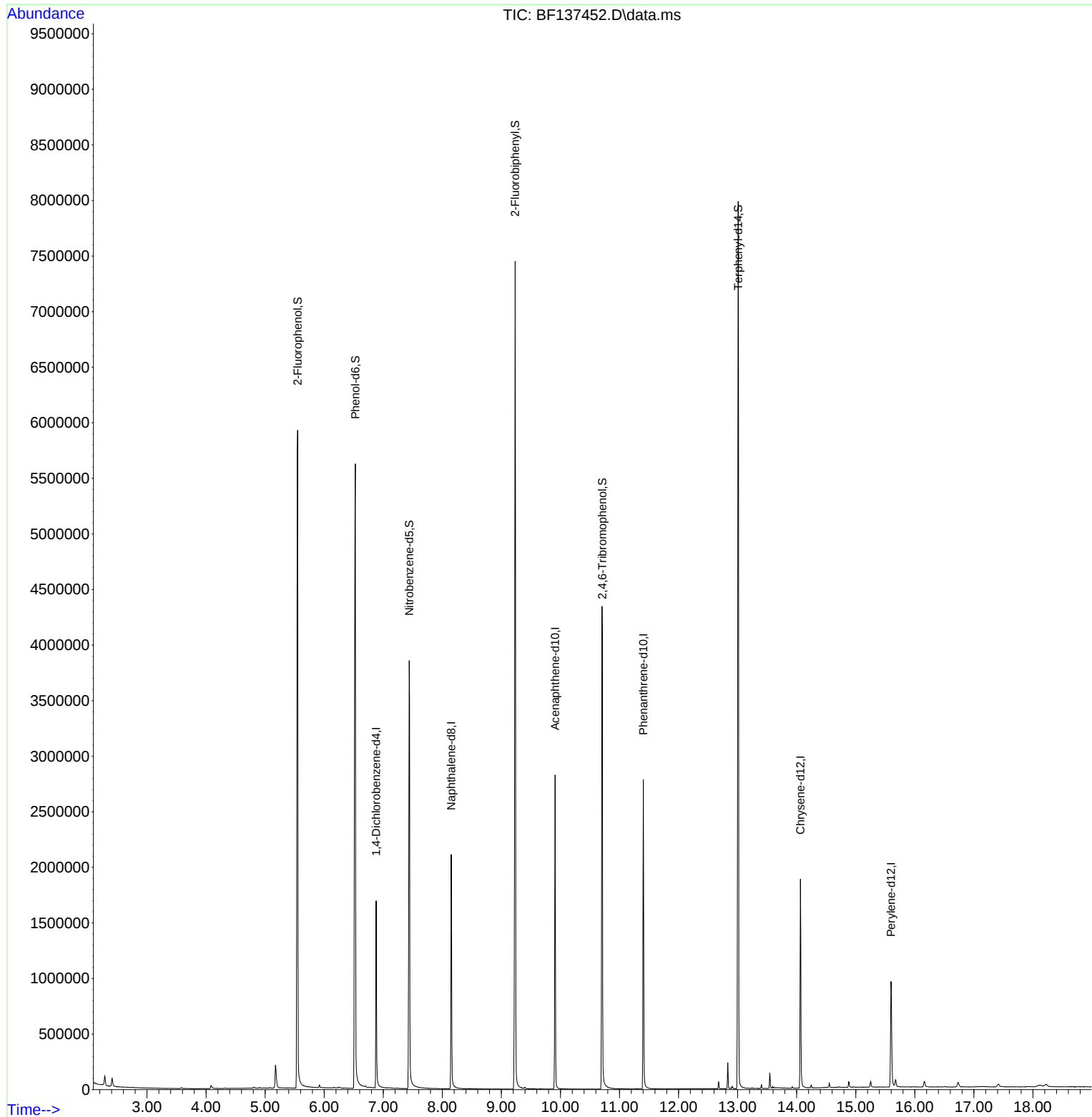
Target Compounds	Qvalue

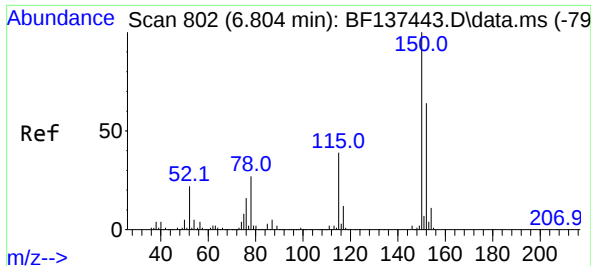
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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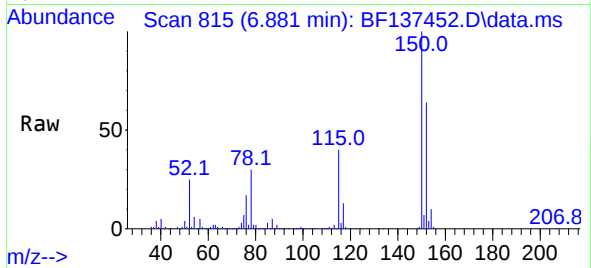
Quant Time: Mar 01 12:57:15 2024
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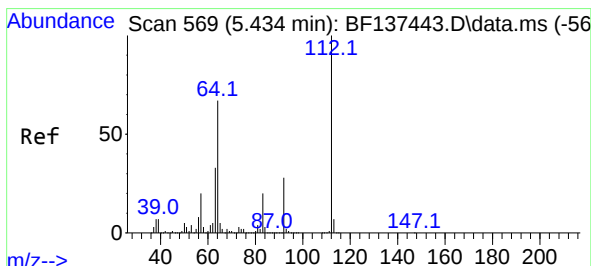
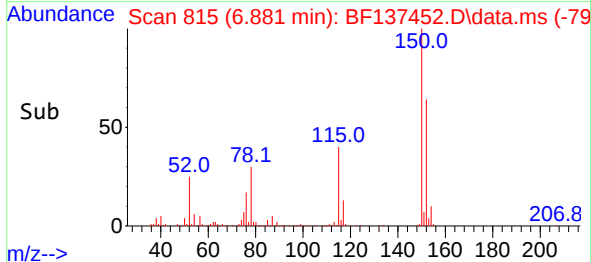
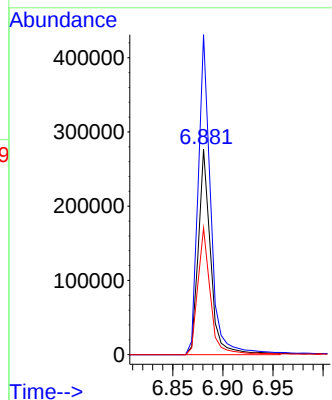


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF137452.D
Acq: 01 Mar 2024 10:56

Instrument :
BNA_F
ClientSampleId :
PB159365BL

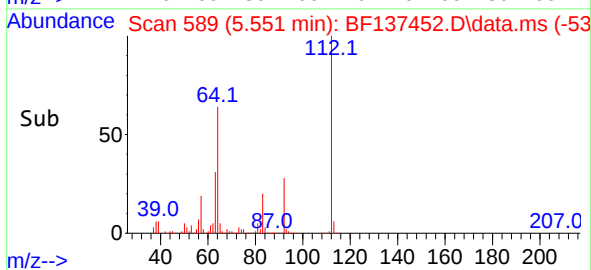
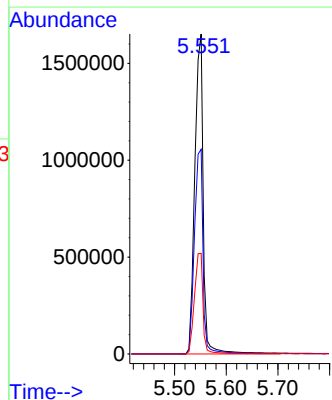
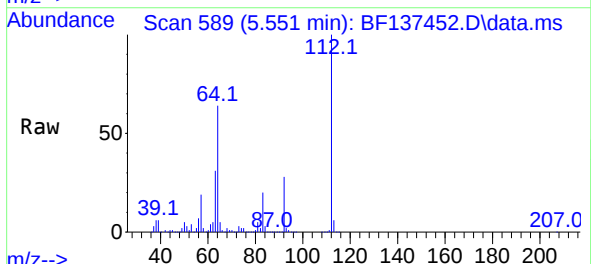


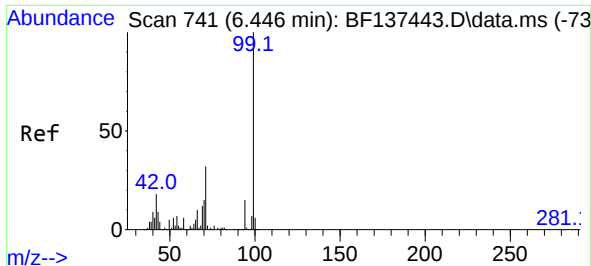
Tgt Ion:152 Resp: 237604
Ion Ratio Lower Upper
152 100
150 155.6 125.8 188.6
115 61.6 48.8 73.2



#5
2-Fluorophenol
Concen: 119.429 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.018 min
Lab File: BF137452.D
Acq: 01 Mar 2024 10:56

Tgt Ion:112 Resp: 1873624
Ion Ratio Lower Upper
112 100
64 63.9 53.4 80.2
63 31.5 26.2 39.2

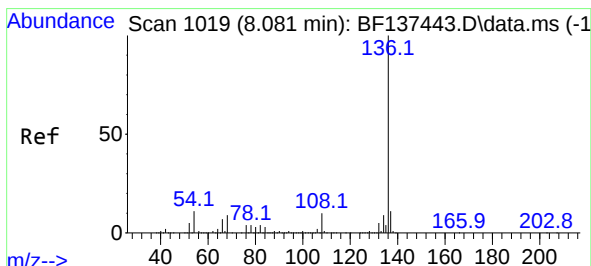
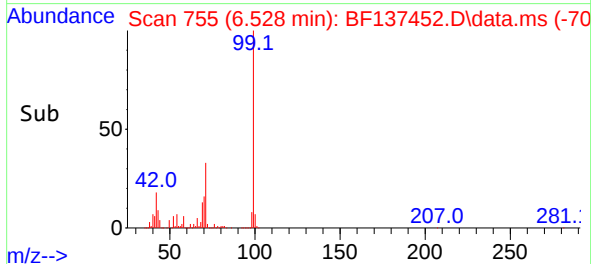
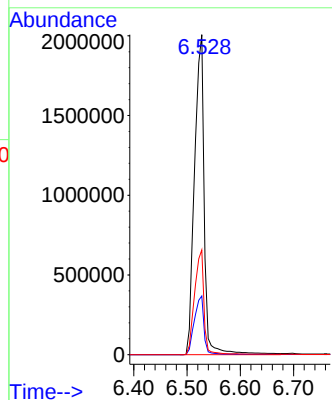
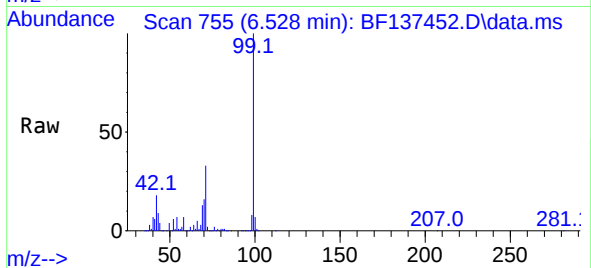




#7
Phenol-d6
Concen: 112.976 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137452.D
Acq: 01 Mar 2024 10:56

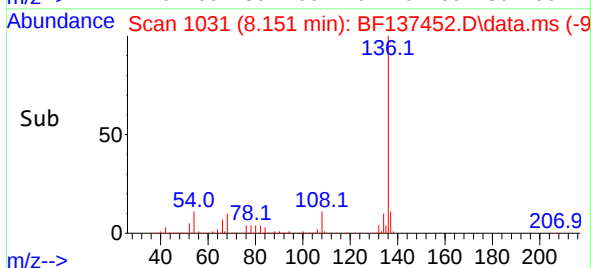
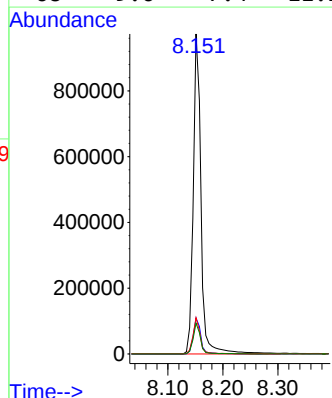
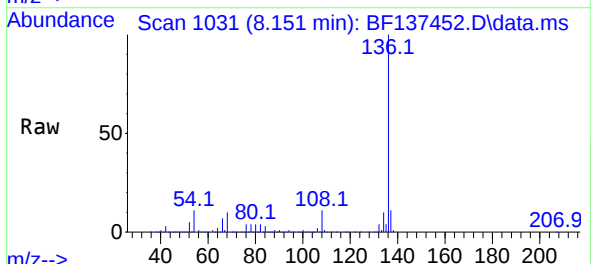
Instrument :
BNA_F
ClientSampleId :
PB159365BL

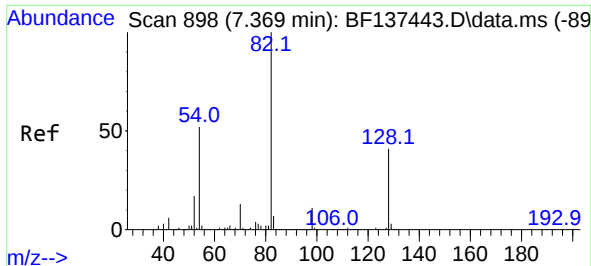
Tgt Ion: 99 Resp: 2558395
Ion Ratio Lower Upper
99 100
42 18.3 14.6 21.8
71 32.8 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF137452.D
Acq: 01 Mar 2024 10:56

Tgt Ion: 136 Resp: 948877
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 11.3 8.5 12.7
68 9.6 7.4 11.2

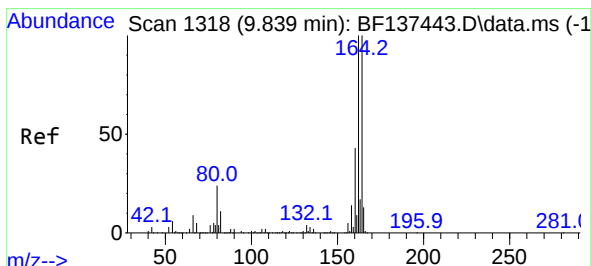
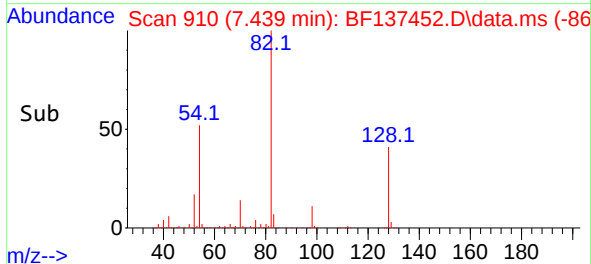
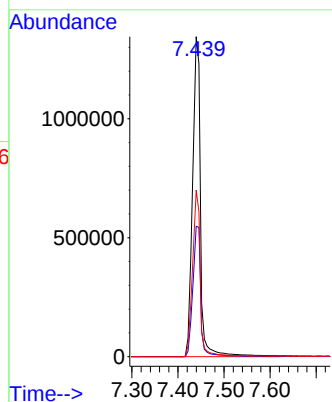
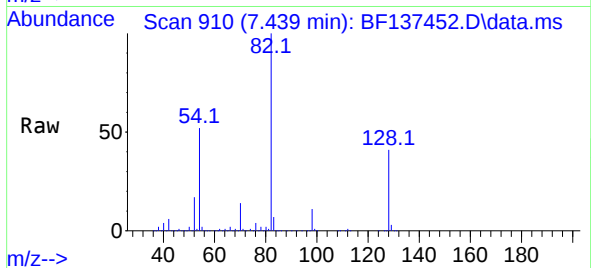




#23
Nitrobenzene-d5
Concen: 78.910 ng
RT: 7.439 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF137452.D
Acq: 01 Mar 2024 10:56

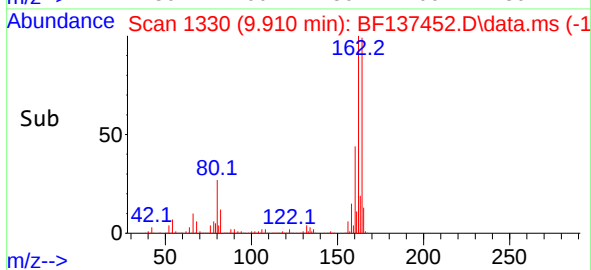
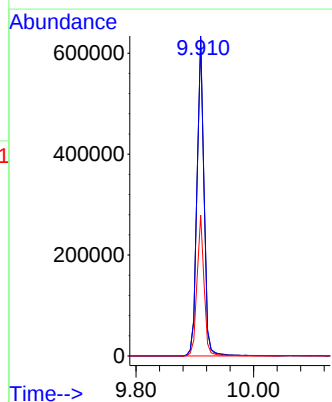
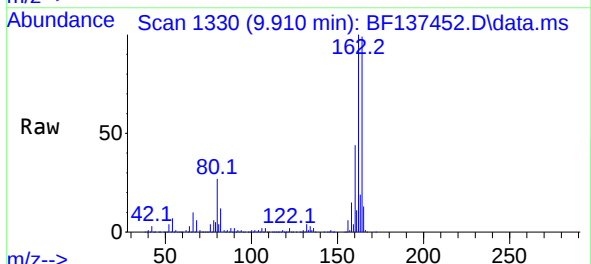
Instrument :
BNA_F
ClientSampleId :
PB159365BL

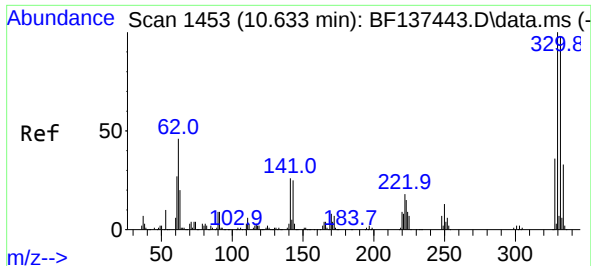
Tgt Ion: 82 Resp: 1611488
Ion Ratio Lower Upper
82 100
128 40.7 32.5 48.7
54 52.0 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF137452.D
Acq: 01 Mar 2024 10:56

Tgt Ion:164 Resp: 521812
Ion Ratio Lower Upper
164 100
162 101.0 79.8 119.8
160 44.5 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 128.347 ng

RT: 10.710 min Scan# 1453

Delta R.T. 0.000 min

Lab File: BF137452.D

Acq: 01 Mar 2024 10:56

Instrument :

BNA_F

ClientSampleId :

PB159365BL

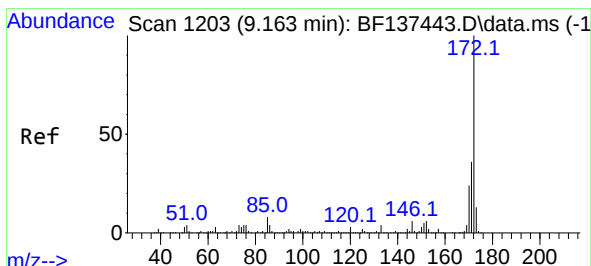
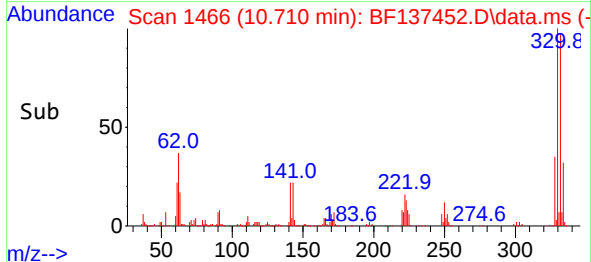
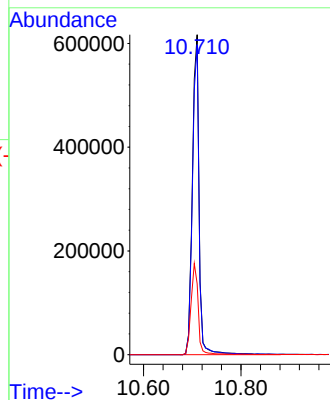
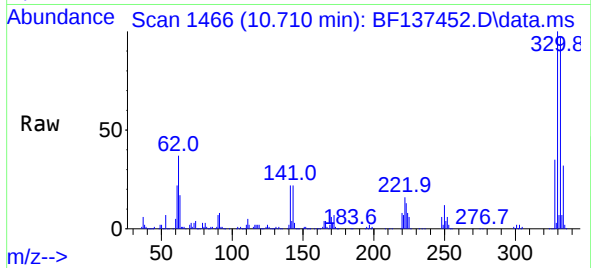
Tgt Ion:330 Resp: 588140

Ion Ratio Lower Upper

330 100

332 95.8 78.0 117.0

141 30.4 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 77.720 ng

RT: 9.233 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF137452.D

Acq: 01 Mar 2024 10:56

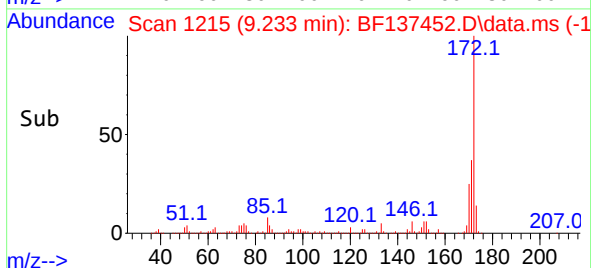
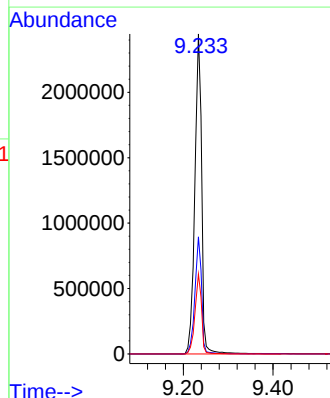
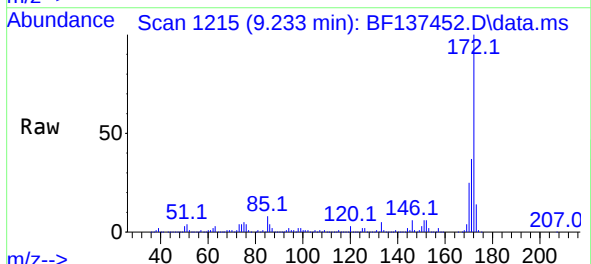
Tgt Ion:172 Resp: 2590774

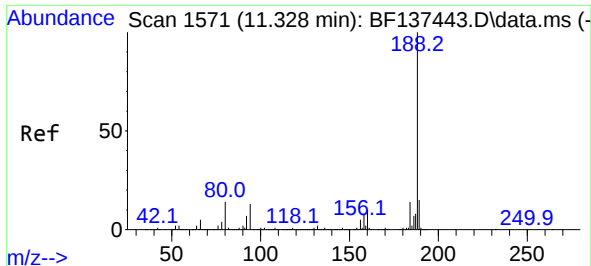
Ion Ratio Lower Upper

172 100

171 36.6 28.5 42.7

170 24.9 19.0 28.6

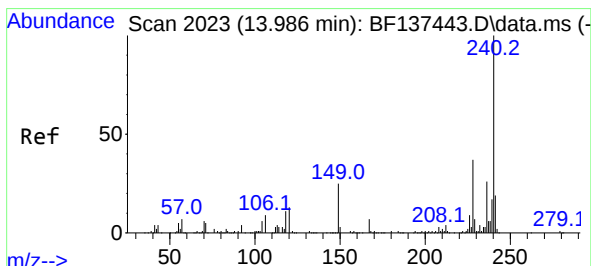
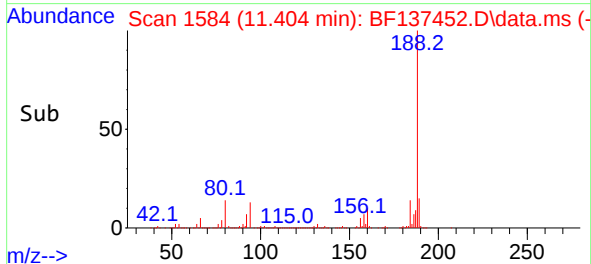
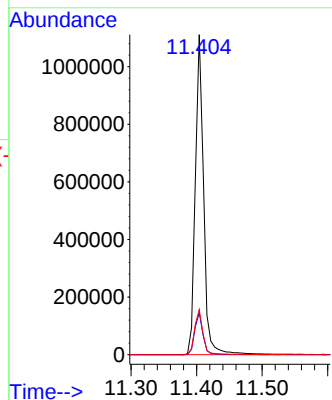
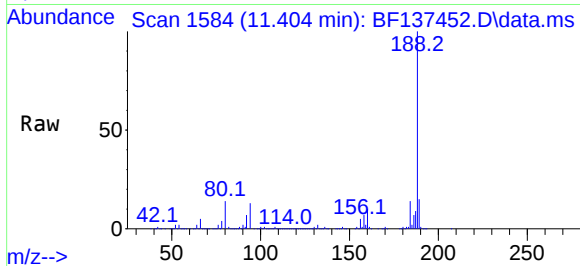




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137452.D
Acq: 01 Mar 2024 10:56

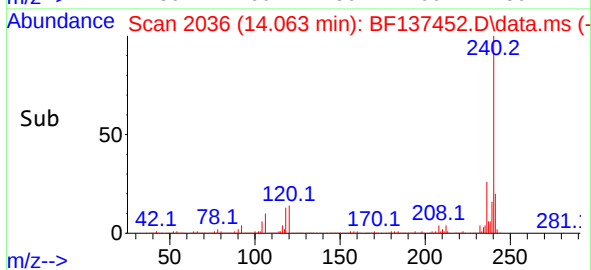
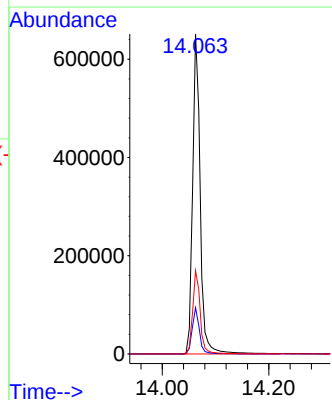
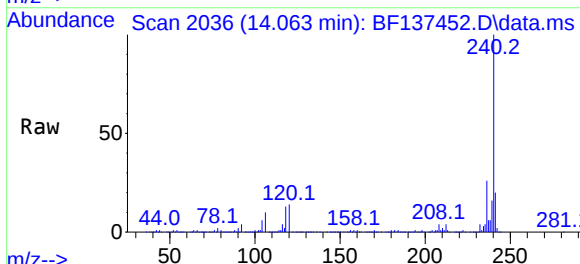
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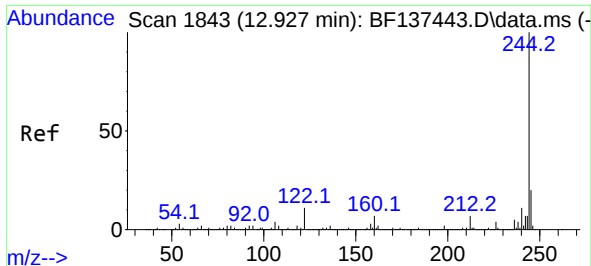
Tgt Ion:188 Resp: 984371
Ion Ratio Lower Upper
188 100
94 13.1 10.6 15.8
80 14.1 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF137452.D
Acq: 01 Mar 2024 10:56

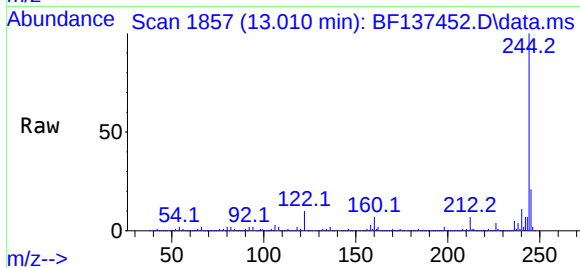
Tgt Ion:240 Resp: 644902
Ion Ratio Lower Upper
240 100
120 14.5 10.4 15.6
236 26.0 20.9 31.3



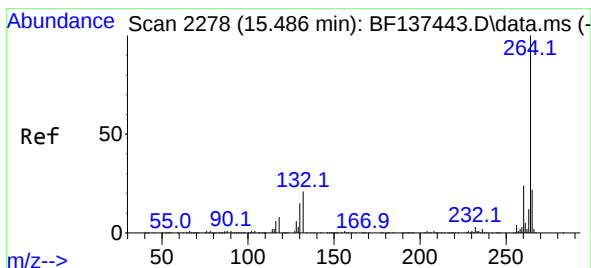
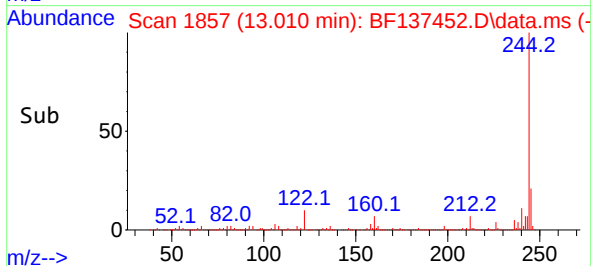
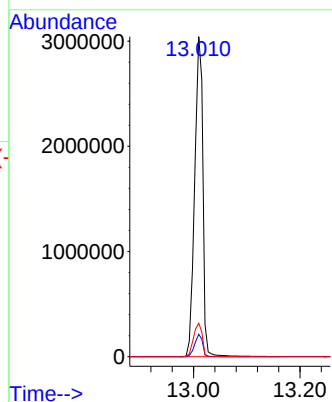


#79
Terphenyl-d14
Concen: 69.192 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF137452.D
Acq: 01 Mar 2024 10:56

Instrument :
BNA_F
ClientSampleId :
PB159365BL



Tgt Ion:244 Resp: 3244990
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 10.5 9.1 13.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2297
Delta R.T. 0.000 min
Lab File: BF137452.D
Acq: 01 Mar 2024 10:56

Tgt Ion:264 Resp: 487028
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 21.1 17.4 26.0

