

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
 Data File : BF137535.D
 Acq On : 07 Mar 2024 17:49
 Operator : CG\JU
 Sample : P1688-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Quant Time: Mar 08 00:32:13 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 08 00:31:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	196741	20.000	ng	0.01
21) Naphthalene-d8	8.145	136	763117	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	408649	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	647079	20.000	ng	0.00
76) Chrysene-d12	14.063	240	361512	20.000	ng	0.00
86) Perylene-d12	15.604	264	439216	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1201496	92.493	ng	0.02
7) Phenol-d6	6.516	99	1661131	88.589	ng	0.00
23) Nitrobenzene-d5	7.434	82	1012398	61.642	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	301871	84.118	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1562256	59.843	ng	0.00
79) Terphenyl-d14	13.004	244	1321860	50.280	ng	0.00

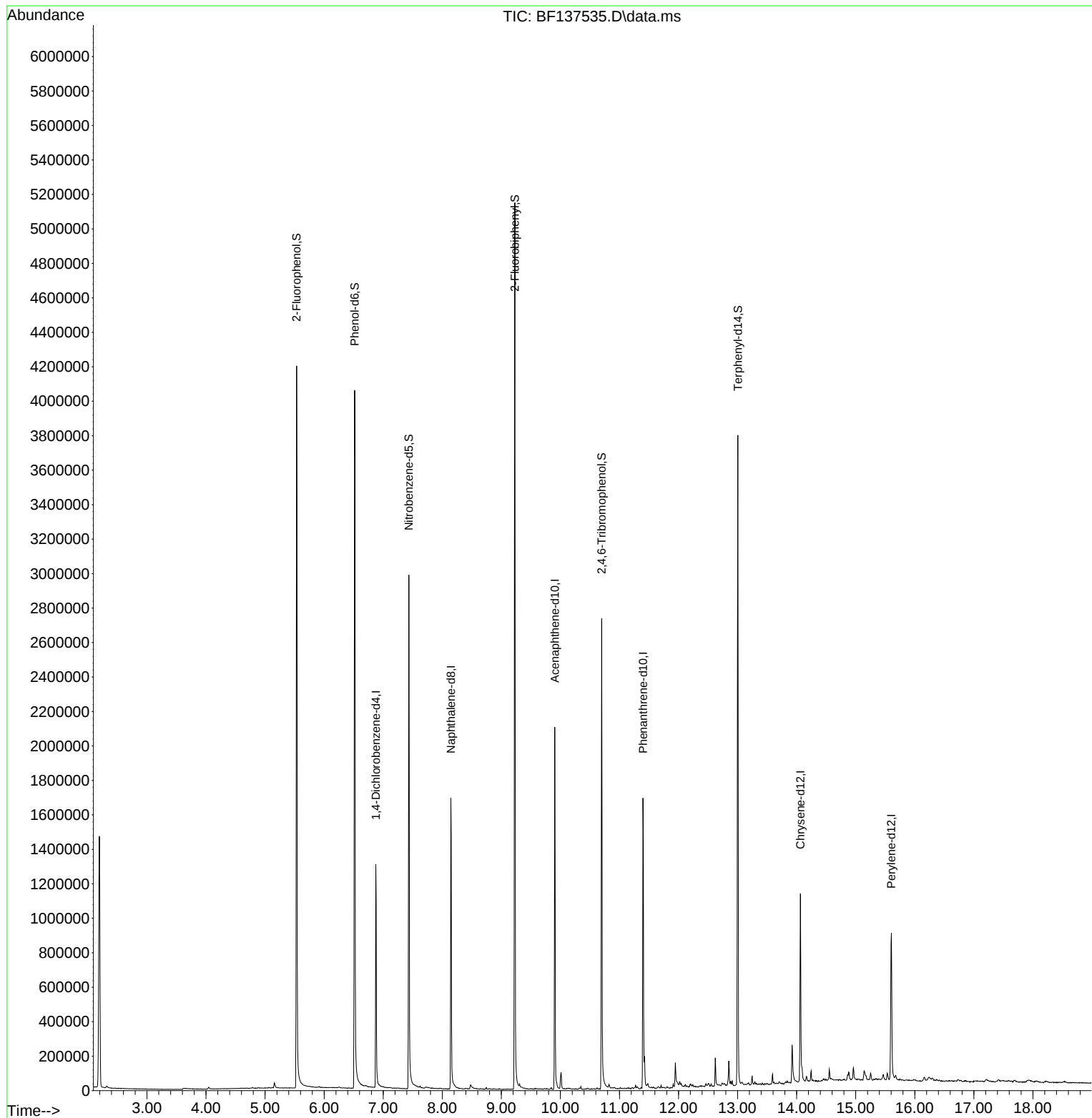
Target Compounds	Qvalue

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

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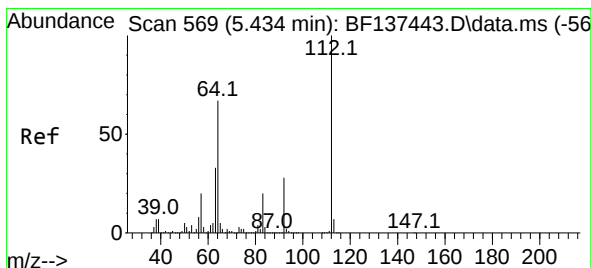
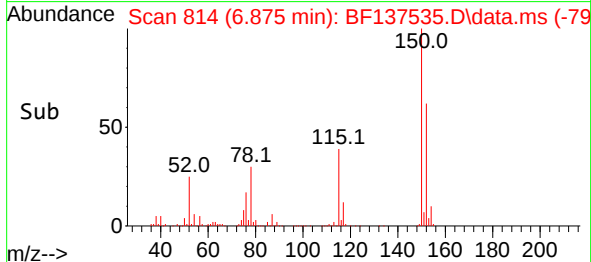
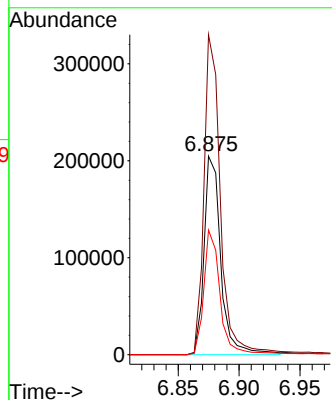
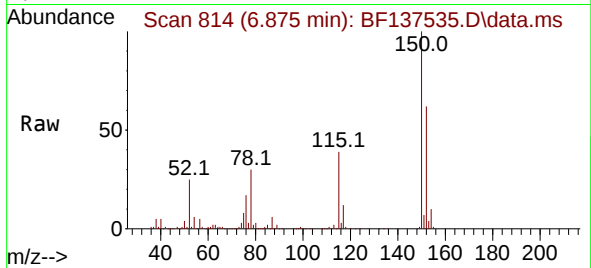




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF137535.D
Acq: 07 Mar 2024 17:49

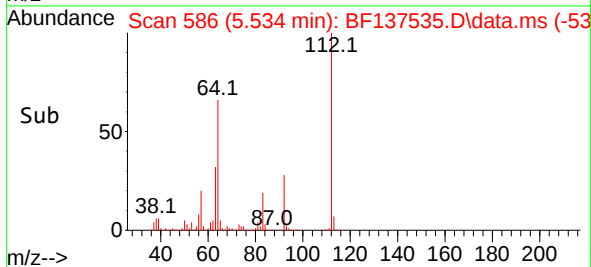
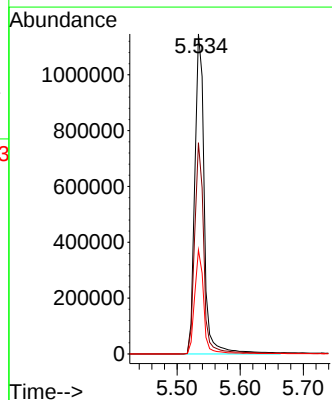
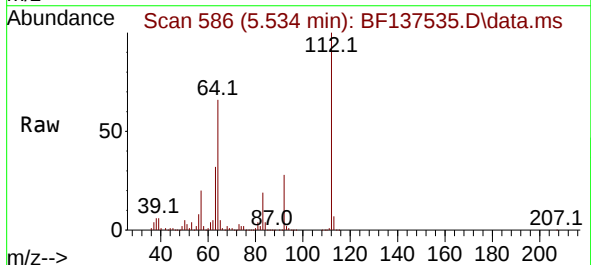
Instrument :
BNA_F
ClientSampleId :
COMP-4

Tgt Ion:152 Resp: 196741
Ion Ratio Lower Upper
152 100
150 161.2 125.8 188.6
115 62.8 48.8 73.2



#5
2-Fluorophenol
Concen: 92.493 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.018 min
Lab File: BF137535.D
Acq: 07 Mar 2024 17:49

Tgt Ion:112 Resp: 1201496
Ion Ratio Lower Upper
112 100
64 66.0 53.4 80.2
63 32.5 26.2 39.2

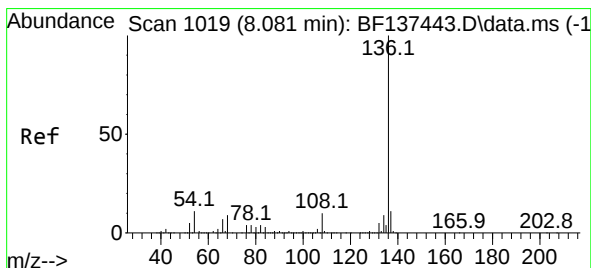
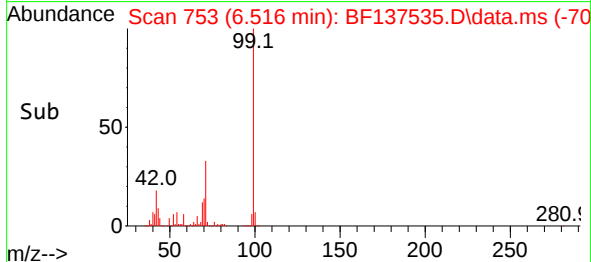
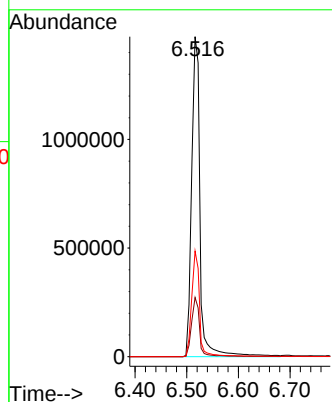
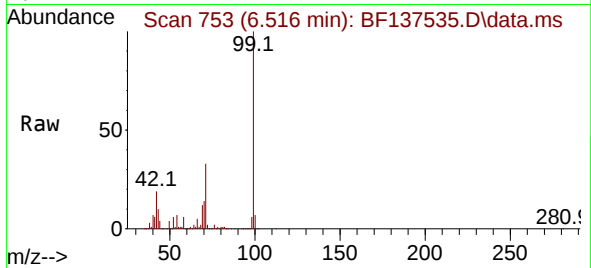




#7
Phenol-d6
Concen: 88.589 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF137535.D
Acq: 07 Mar 2024 17:49

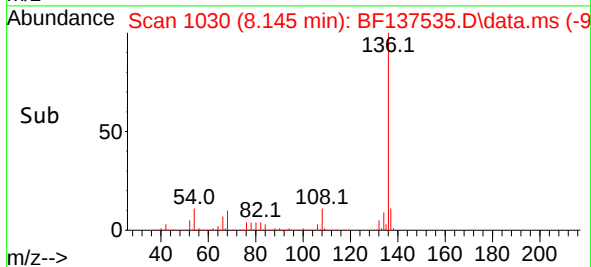
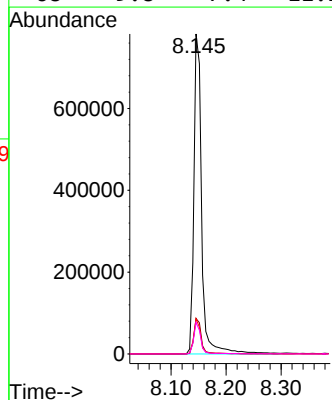
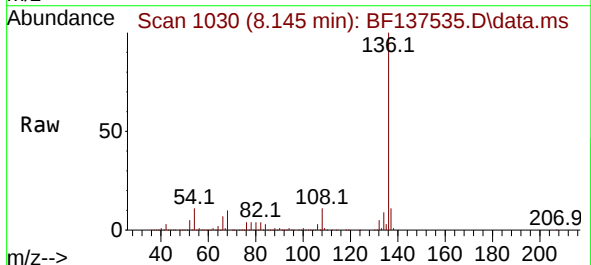
Instrument :
BNA_F
ClientSampleId :
COMP-4

Tgt Ion: 99 Resp: 1661131
Ion Ratio Lower Upper
99 100
42 18.5 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. 0.006 min
Lab File: BF137535.D
Acq: 07 Mar 2024 17:49

Tgt Ion: 136 Resp: 763117
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 11.0 8.5 12.7
68 9.8 7.4 11.2





#23

Nitrobenzene-d5

Concen: 61.642 ng

RT: 7.434 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF137535.D

Acq: 07 Mar 2024 17:49

Instrument :

BNA_F

ClientSampleId :

COMP-4

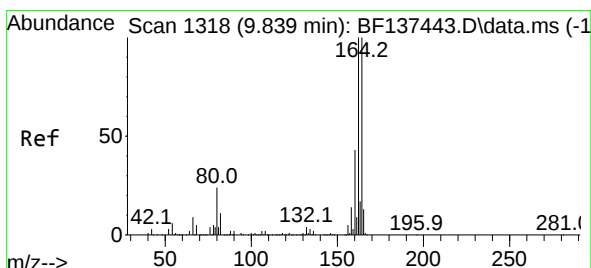
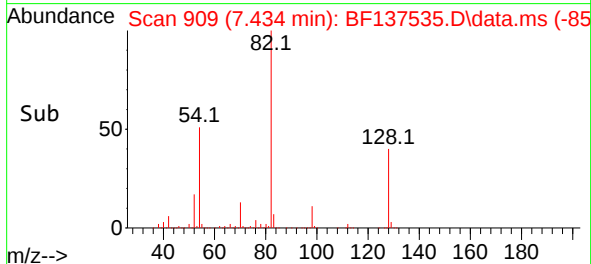
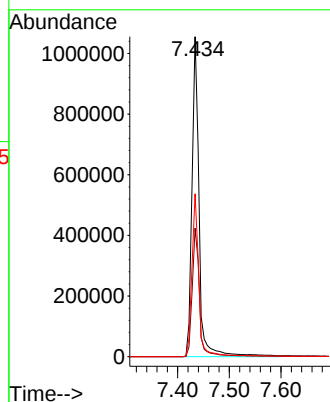
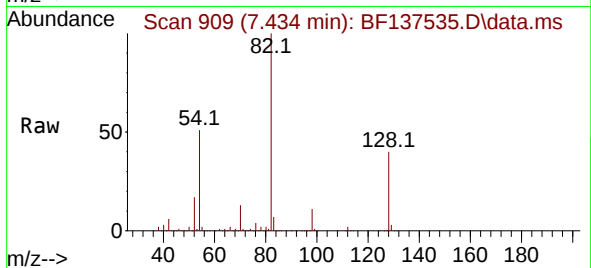
Tgt Ion: 82 Resp: 1012398

Ion Ratio Lower Upper

82 100

128 40.2 32.5 48.7

54 50.9 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

Delta R.T. 0.006 min

Lab File: BF137535.D

Acq: 07 Mar 2024 17:49

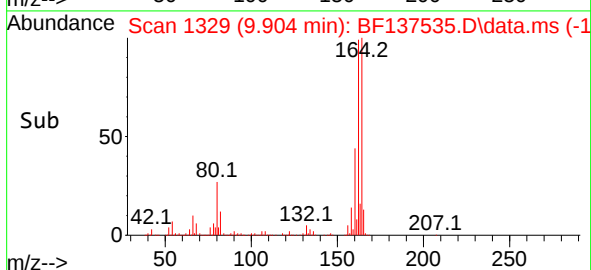
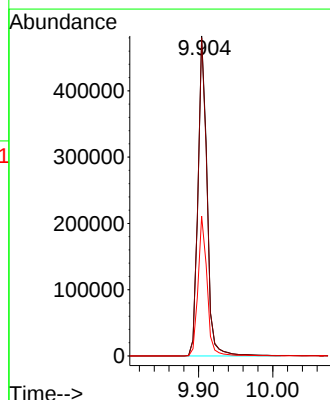
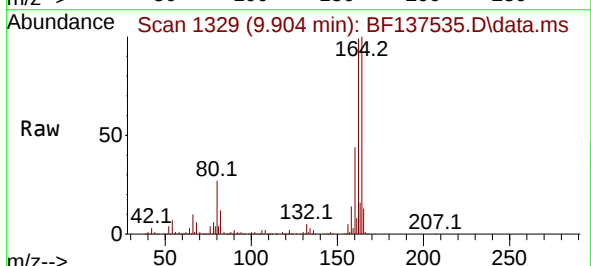
Tgt Ion:164 Resp: 408649

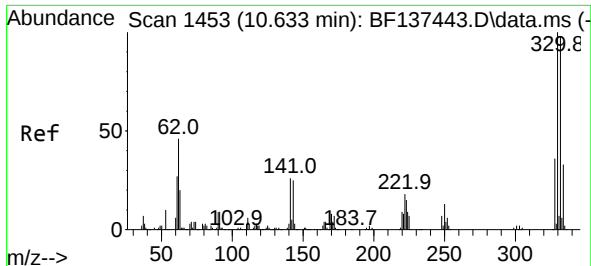
Ion Ratio Lower Upper

164 100

162 99.4 79.8 119.8

160 43.7 34.4 51.6

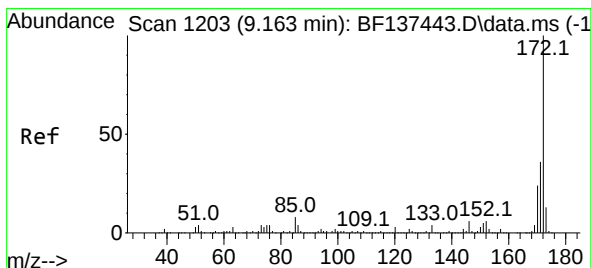
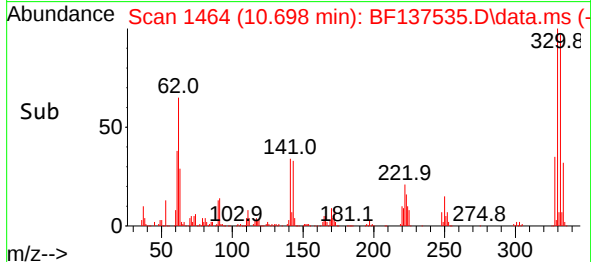
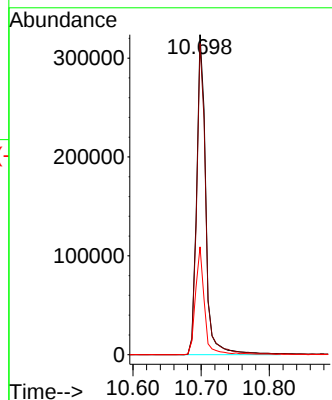
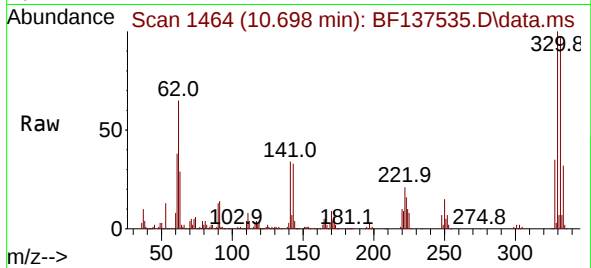




#42
2,4,6-Tribromophenol
Concen: 84.118 ng
RT: 10.698 min Scan# 1453
Delta R.T. 0.006 min
Lab File: BF137535.D
Acq: 07 Mar 2024 17:49

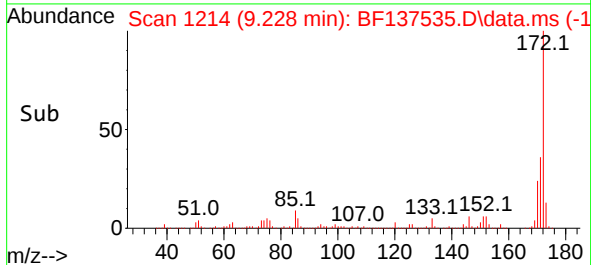
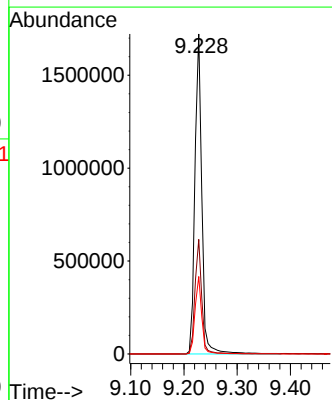
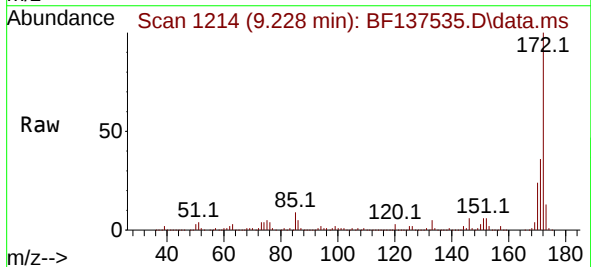
Instrument :
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COMP-4

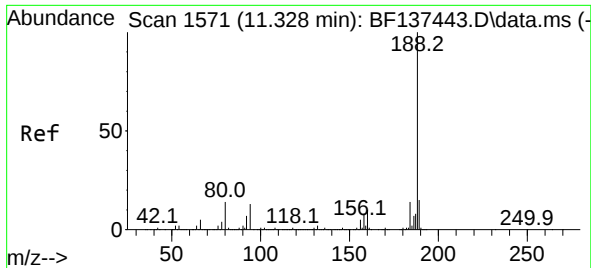
Tgt Ion: 330 Resp: 301871
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 33.5 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 59.843 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BF137535.D
Acq: 07 Mar 2024 17:49

Tgt Ion: 172 Resp: 1562256
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.2 19.0 28.6

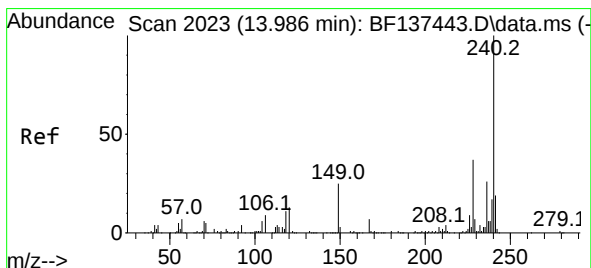
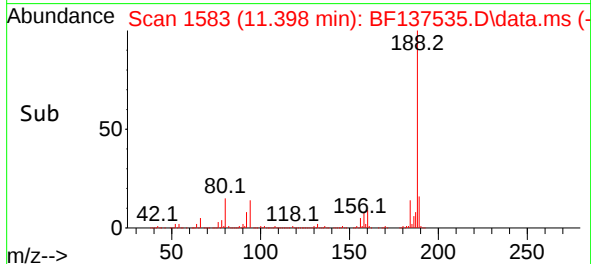
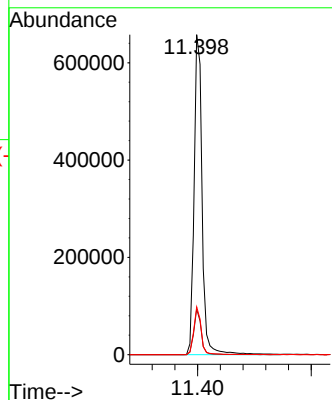
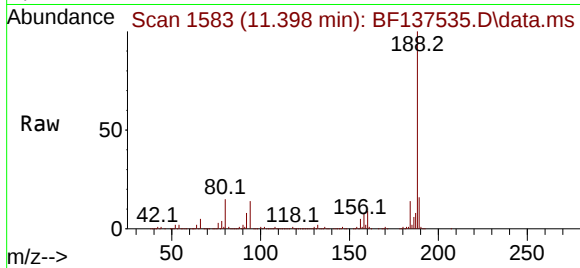




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF137535.D
Acq: 07 Mar 2024 17:49

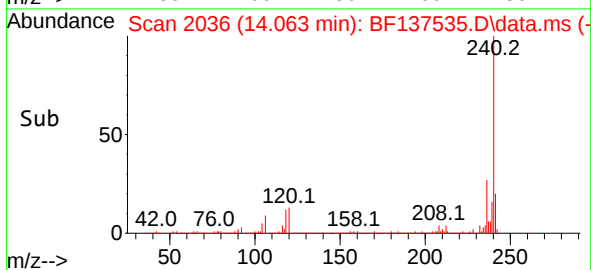
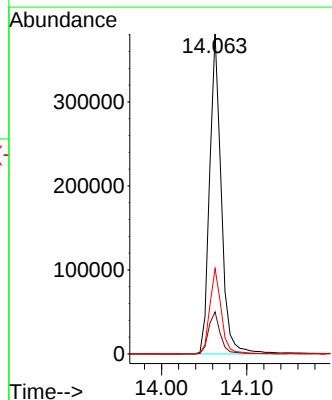
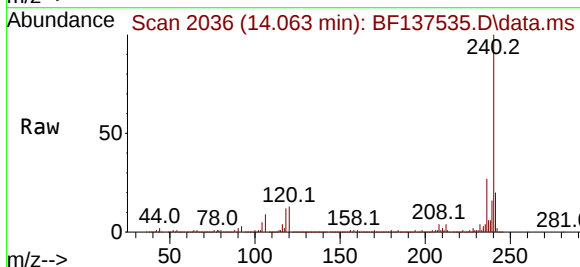
Instrument :
BNA_F
ClientSampleId :
COMP-4

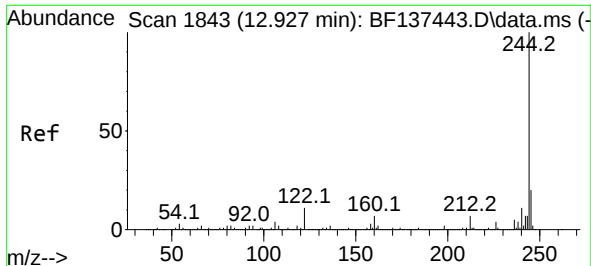
Tgt Ion:188 Resp: 647079
Ion Ratio Lower Upper
188 100
94 14.3 10.6 15.8
80 14.9 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BF137535.D
Acq: 07 Mar 2024 17:49

Tgt Ion:240 Resp: 361512
Ion Ratio Lower Upper
240 100
120 13.1 10.4 15.6
236 26.7 20.9 31.3

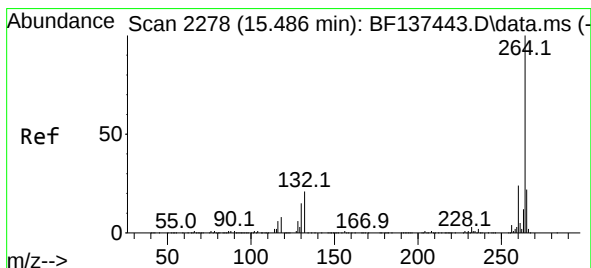
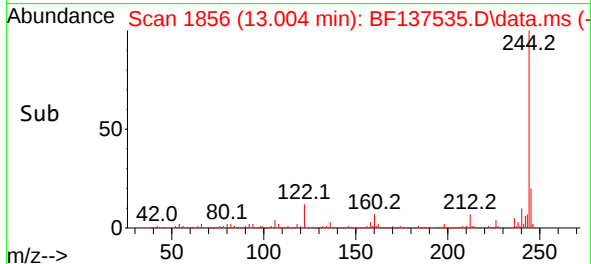
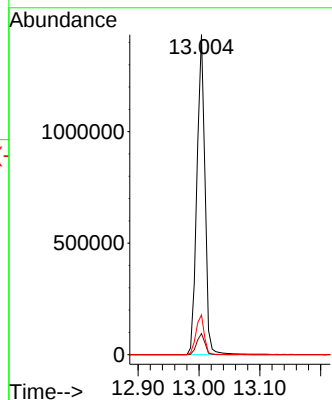
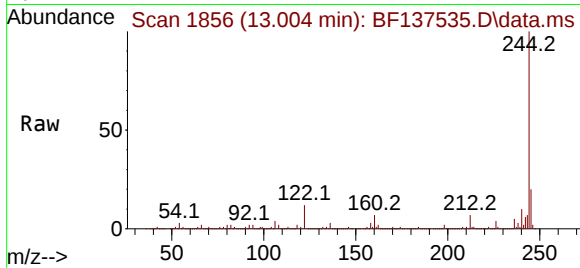




#79
 Terphenyl-d14
 Concen: 50.280 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: BF137535.D
 Acq: 07 Mar 2024 17:49

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Tgt Ion:244 Resp: 1321860
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 12.4 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2298
 Delta R.T. 0.018 min
 Lab File: BF137535.D
 Acq: 07 Mar 2024 17:49

Tgt Ion:264 Resp: 439216
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 20.9 17.4 26.0

