

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031124\
Data File : BF137557.D
Acq On : 11 Mar 2024 15:43
Operator : CG\JU
Sample : P1716-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-303-20240307

Quant Time: Mar 12 02:03:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 12 02:00:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	252108	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1011072	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	586134	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	1045182	20.000	ng	0.00
76) Chrysene-d12	14.092	240	664748	20.000	ng	0.00
86) Perylene-d12	15.645	264	533166	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	712729	42.817	ng	0.00
7) Phenol-d6	6.539	99	586197	24.397	ng	-0.02
23) Nitrobenzene-d5	7.463	82	1575160	72.387	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	633709	123.116	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2600509	69.451	ng	0.00
79) Terphenyl-d14	13.039	244	2913262	60.264	ng	0.00

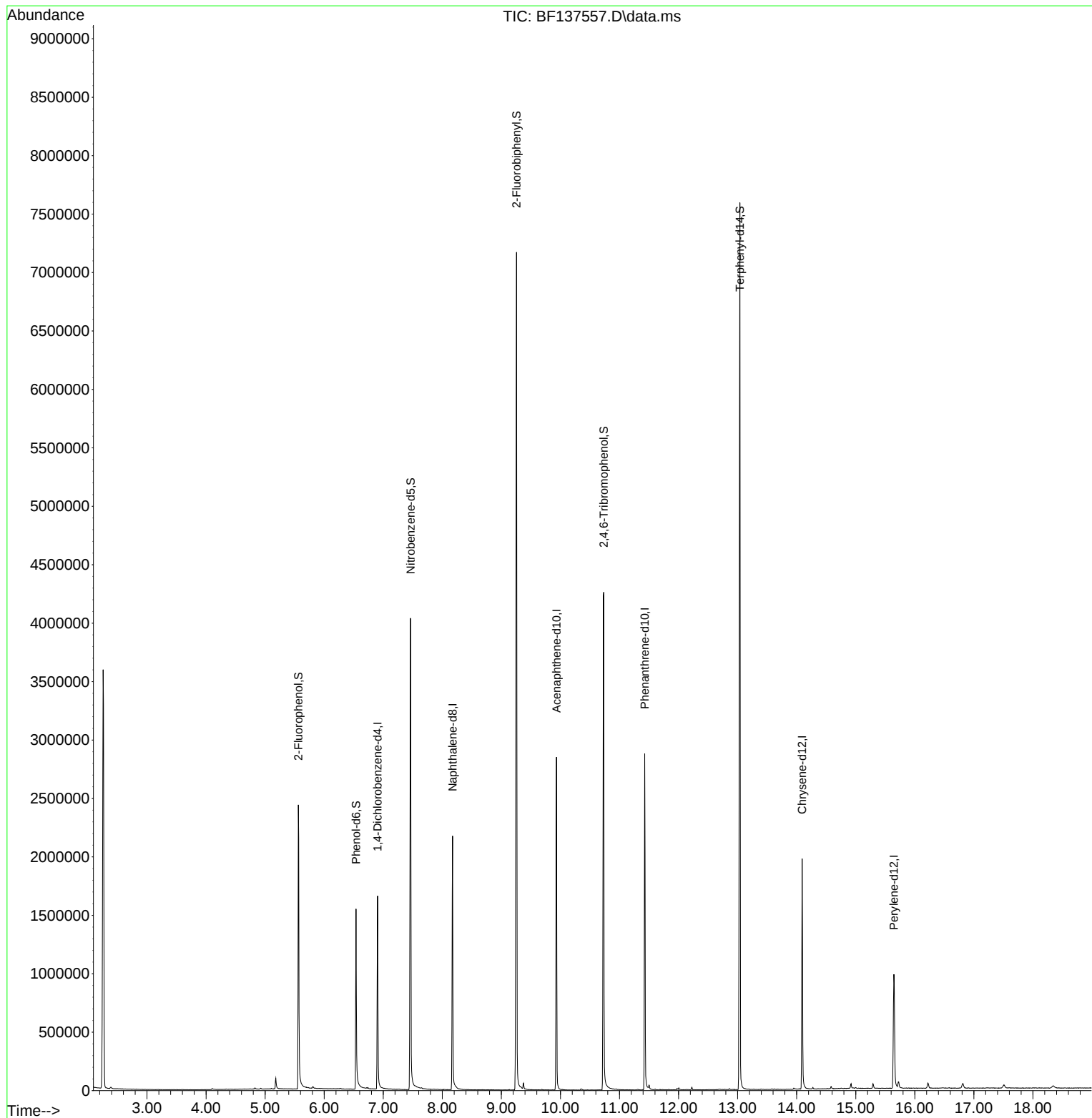
Target Compounds	Qvalue

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

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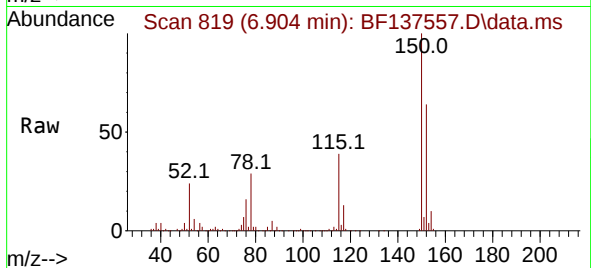
Quant Time: Mar 12 02:03:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
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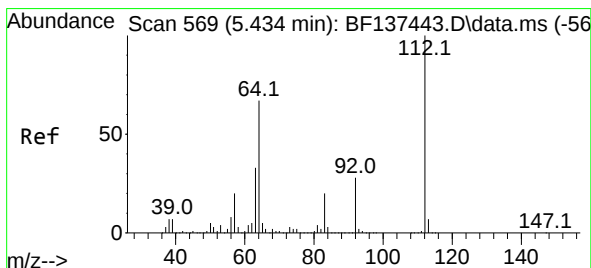
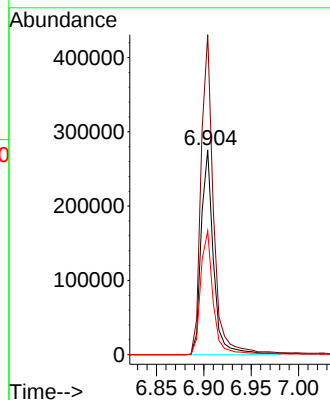
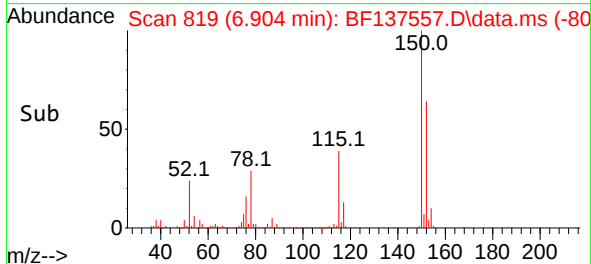


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF137557.D
Acq: 11 Mar 2024 15:43

Instrument :
BNA_F
ClientSampleId :
SP-303-20240307

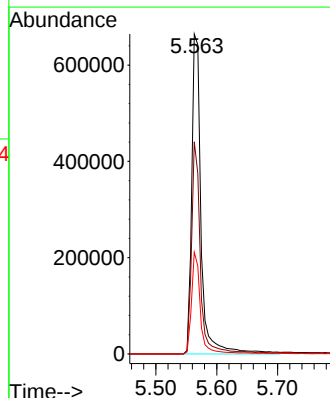
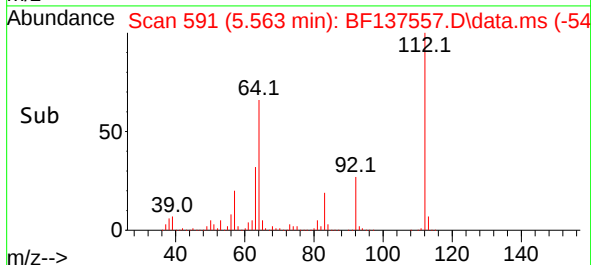
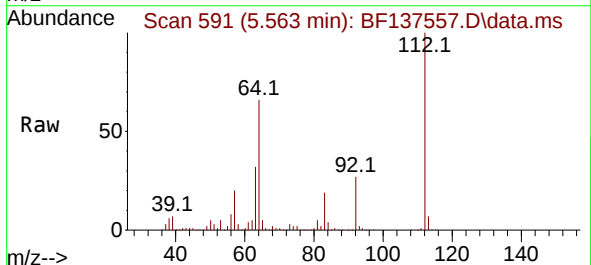


Tgt Ion:152 Resp: 252108
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 60.5 48.8 73.2



#5
2-Fluorophenol
Concen: 42.817 ng
RT: 5.563 min Scan# 591
Delta R.T. -0.006 min
Lab File: BF137557.D
Acq: 11 Mar 2024 15:43

Tgt Ion:112 Resp: 712729
Ion Ratio Lower Upper
112 100
64 66.3 53.4 80.2
63 31.8 26.2 39.2

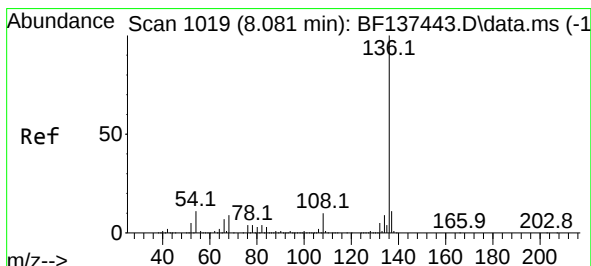
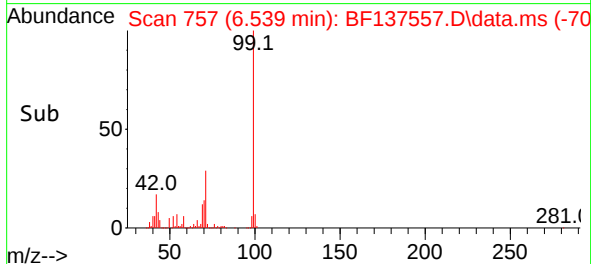
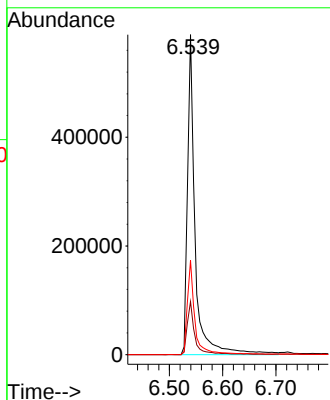
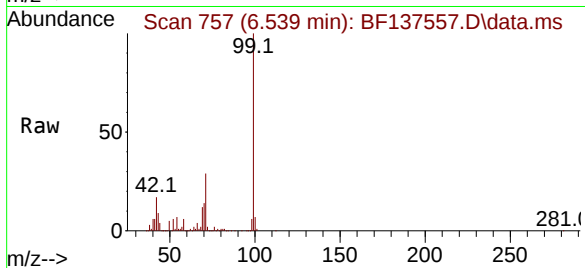




#7
Phenol-d6
Concen: 24.397 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137557.D
Acq: 11 Mar 2024 15:43

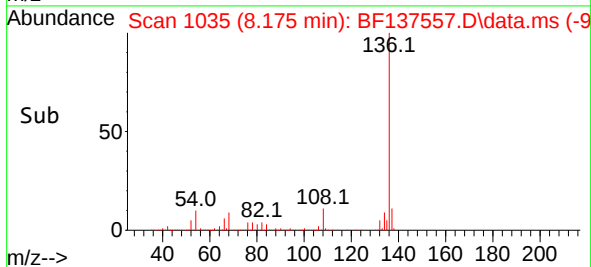
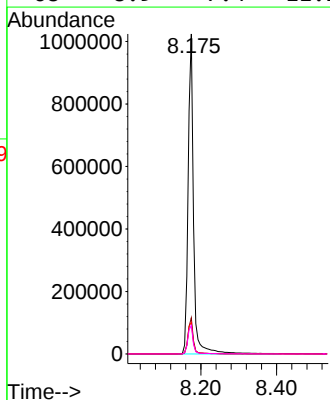
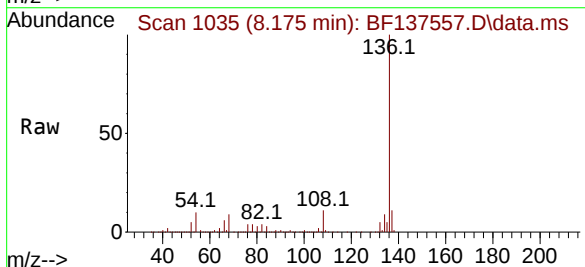
Instrument :
BNA_F
ClientSampleId :
SP-303-20240307

Tgt Ion: 99 Resp: 586197
Ion Ratio Lower Upper
99 100
42 16.6 14.6 21.8
71 29.5 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF137557.D
Acq: 11 Mar 2024 15:43

Tgt Ion: 136 Resp: 1011072
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 9.9 8.5 12.7
68 8.9 7.4 11.2





#23

Nitrobenzene-d5

Concen: 72.387 ng

RT: 7.463 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137557.D

Acq: 11 Mar 2024 15:43

Instrument :

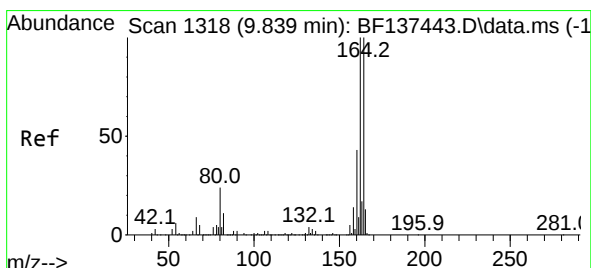
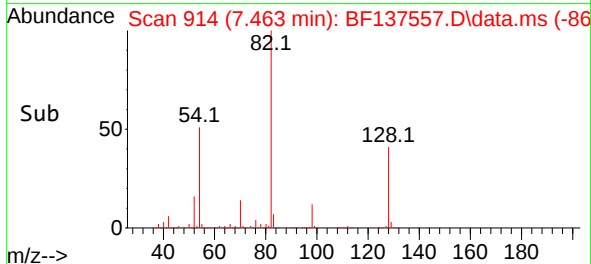
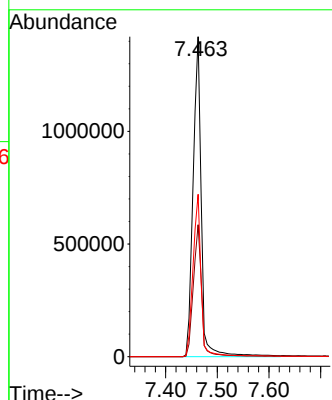
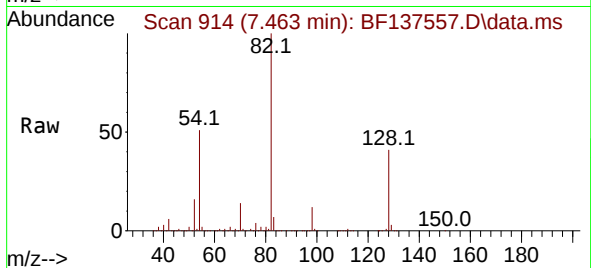
BNA_F

ClientSampleId :

SP-303-20240307

Tgt Ion: 82 Resp: 1575160

Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.5	48.7
54	50.7	41.5	62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1334

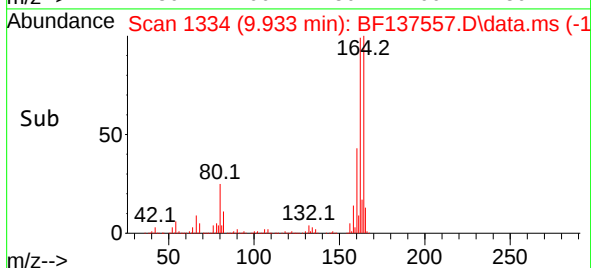
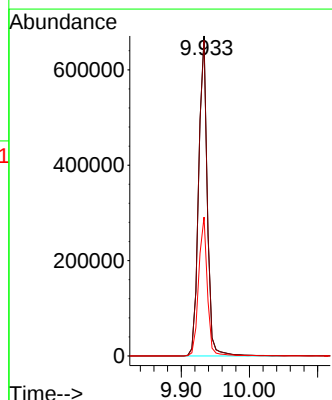
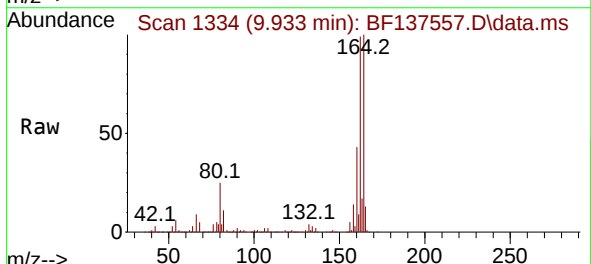
Delta R.T. -0.000 min

Lab File: BF137557.D

Acq: 11 Mar 2024 15:43

Tgt Ion:164 Resp: 586134

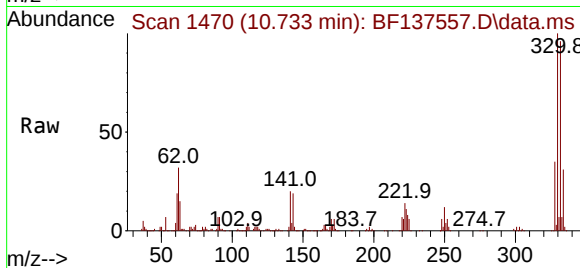
Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.8	119.8
160	43.4	34.4	51.6



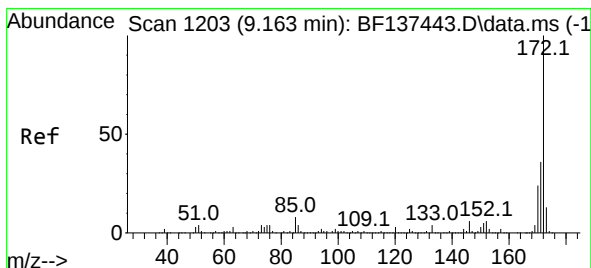
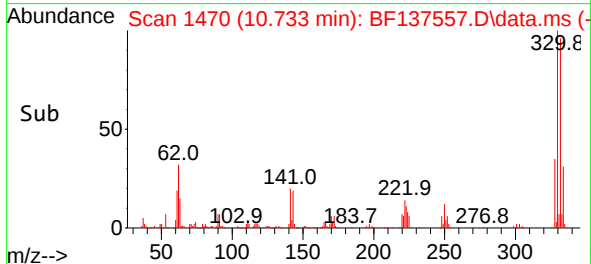
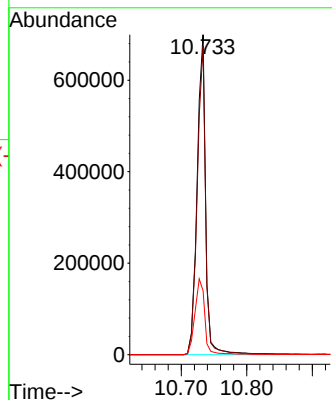


#42
2,4,6-Tribromophenol
Concen: 123.116 ng
RT: 10.733 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF137557.D
Acq: 11 Mar 2024 15:43

Instrument :
BNA_F
ClientSampleId :
SP-303-20240307

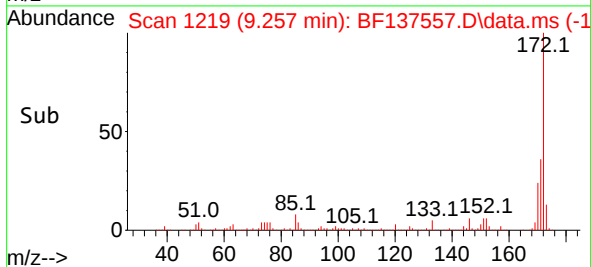
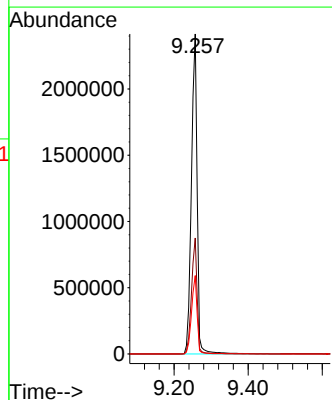
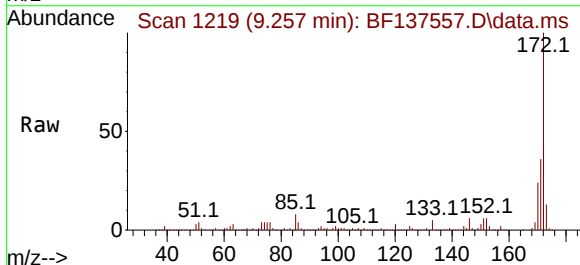


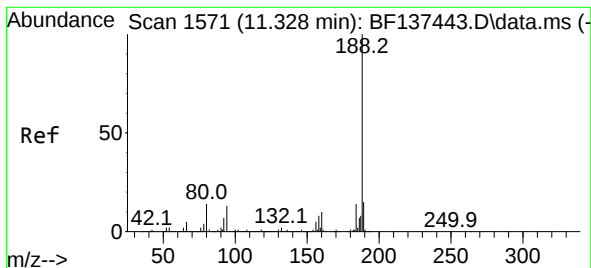
Tgt Ion:330 Resp: 633709
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 27.9 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 69.451 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.000 min
Lab File: BF137557.D
Acq: 11 Mar 2024 15:43

Tgt Ion:172 Resp: 2600509
Ion Ratio Lower Upper
172 100
171 36.2 28.5 42.7
170 24.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137557.D

Acq: 11 Mar 2024 15:43

Instrument :

BNA_F

ClientSampleId :

SP-303-20240307

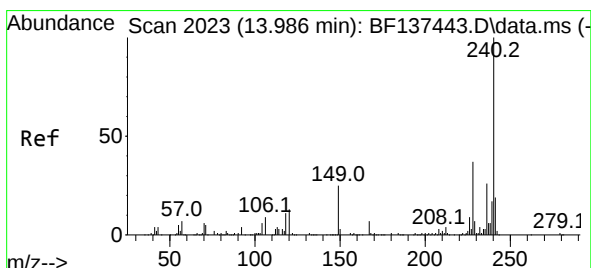
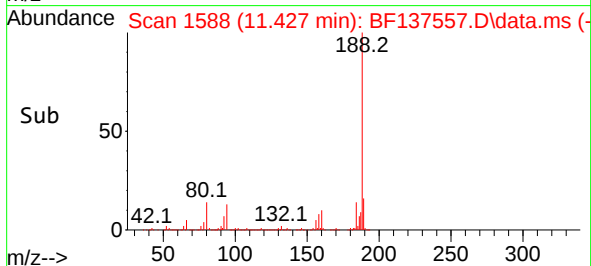
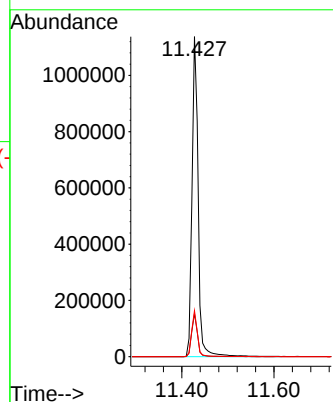
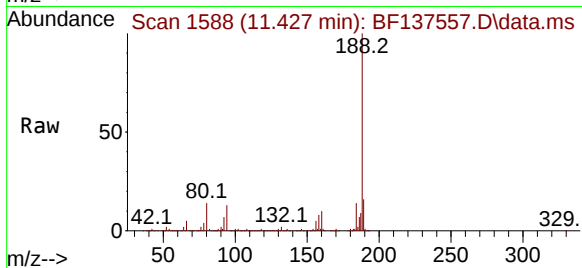
Tgt Ion:188 Resp: 1045182

Ion Ratio Lower Upper

188 100

94 13.4 10.6 15.8

80 14.4 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2041

Delta R.T. -0.006 min

Lab File: BF137557.D

Acq: 11 Mar 2024 15:43

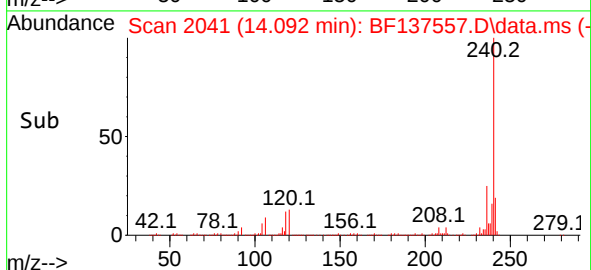
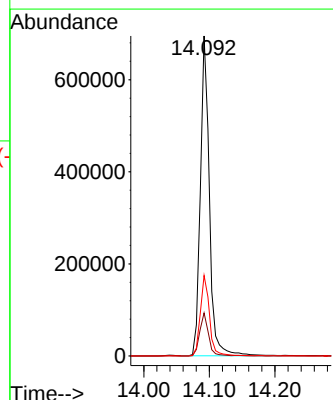
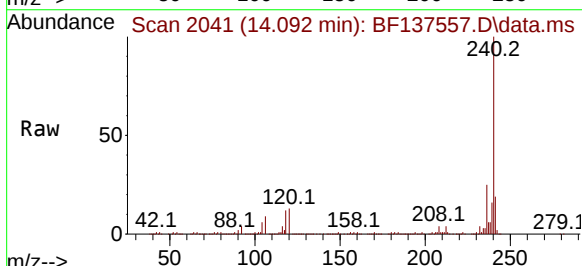
Tgt Ion:240 Resp: 664748

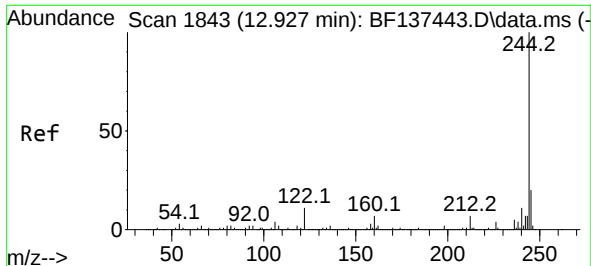
Ion Ratio Lower Upper

240 100

120 13.5 10.4 15.6

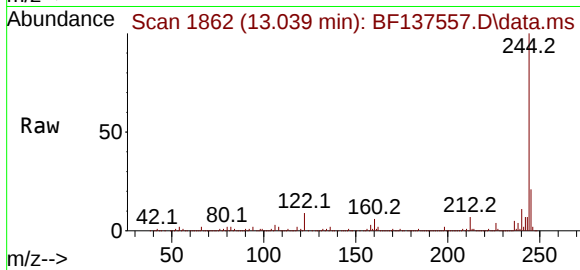
236 25.2 20.9 31.3



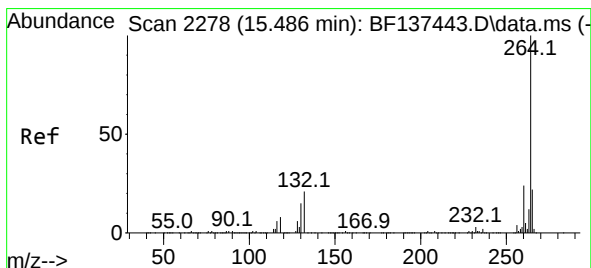
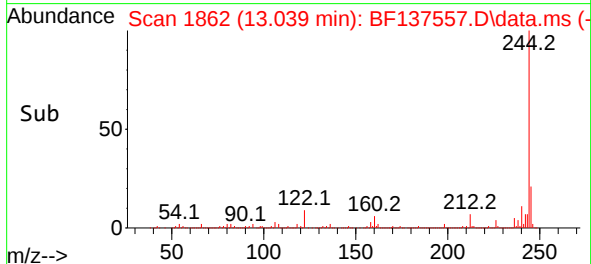
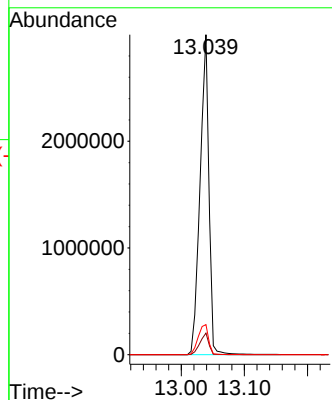


#79
Terphenyl-d14
Concen: 60.264 ng
RT: 13.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137557.D
Acq: 11 Mar 2024 15:43

Instrument :
BNA_F
ClientSampleId :
SP-303-20240307



Tgt Ion:244 Resp: 2913262
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 9.4 9.1 13.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.645 min Scan# 2305
Delta R.T. -0.006 min
Lab File: BF137557.D
Acq: 11 Mar 2024 15:43

Tgt Ion:264 Resp: 533166
Ion Ratio Lower Upper
264 100
260 23.8 19.3 28.9
265 22.2 17.4 26.0

