

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
Data File : BF137531.D
Acq On : 07 Mar 2024 15:47
Operator : CG\JU
Sample : P1688-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2

Quant Time: Mar 07 16:06:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 00:07:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	204701	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	798131	20.000	ng	0.01
39) Acenaphthene-d10	9.904	164	429616	20.000	ng	0.01
64) Phenanthrene-d10	11.398	188	699273	20.000	ng	0.01
76) Chrysene-d12	14.057	240	382429	20.000	ng	0.00
86) Perylene-d12	15.598	264	417216	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	942812	69.757	ng	0.02
7) Phenol-d6	6.510	99	1289501	66.096	ng	0.00
23) Nitrobenzene-d5	7.428	82	781337	45.486	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	247315	65.553	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1295532	47.204	ng	0.00
79) Terphenyl-d14	12.998	244	1242694	44.684	ng	0.00

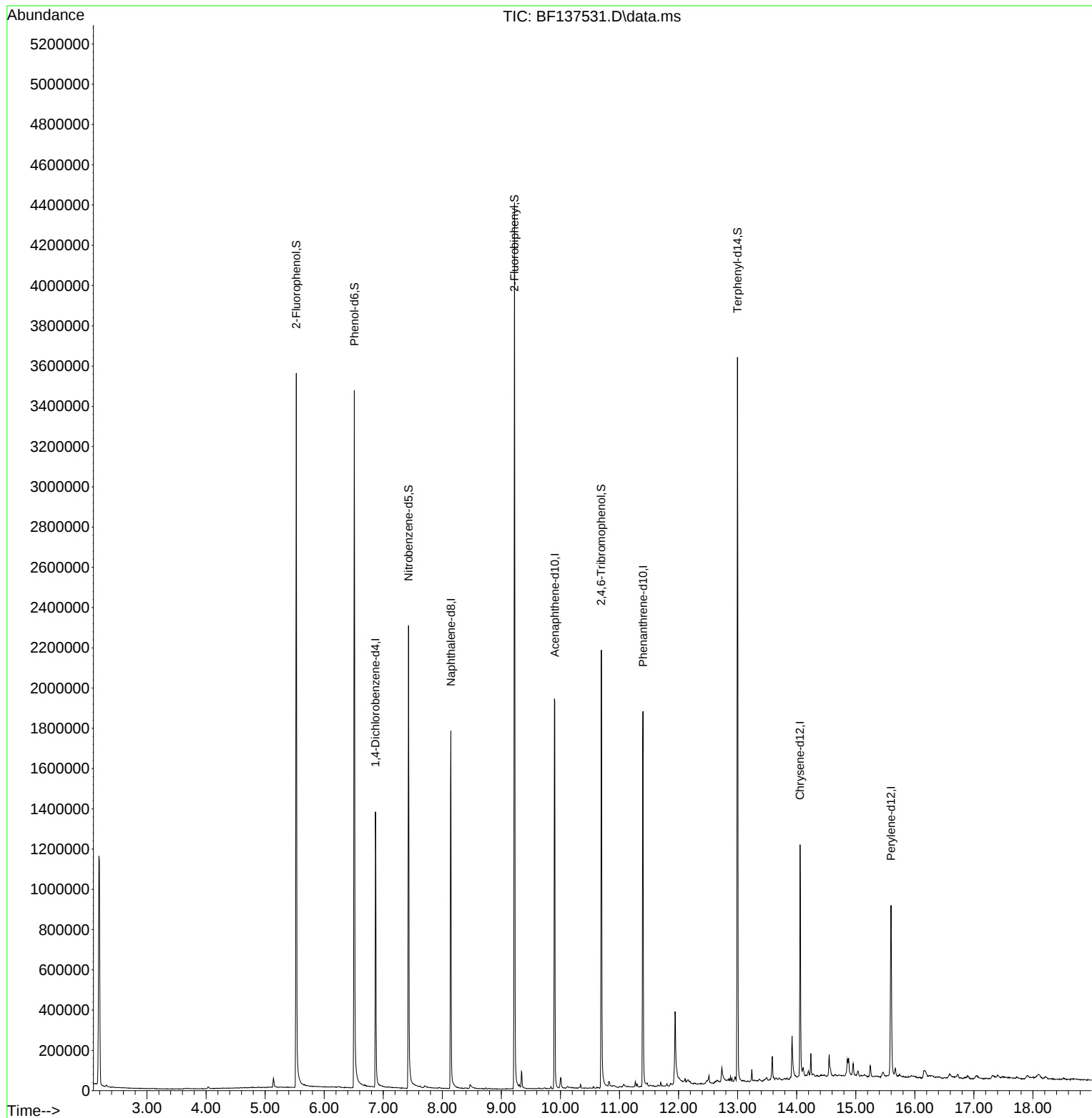
Target Compounds	Qvalue

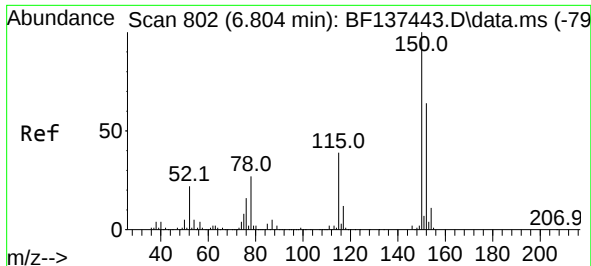
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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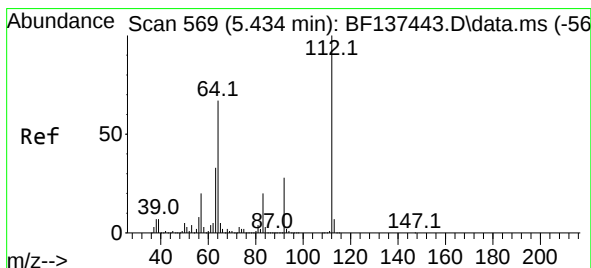
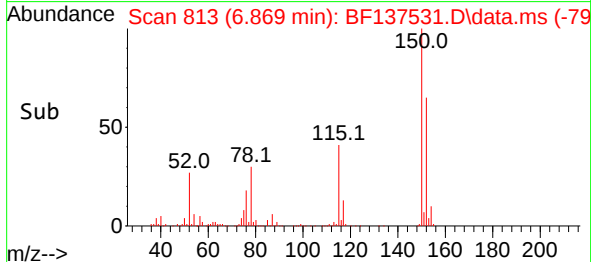
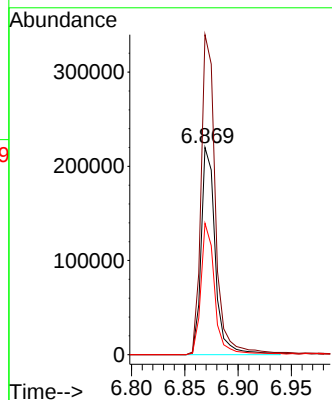
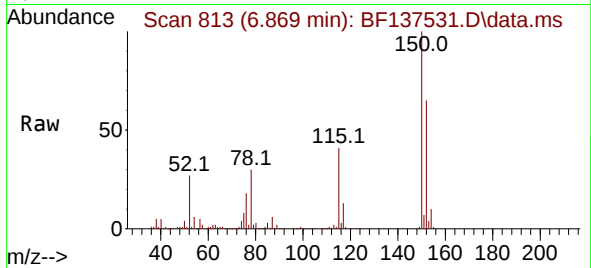




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF137531.D
Acq: 07 Mar 2024 15:47

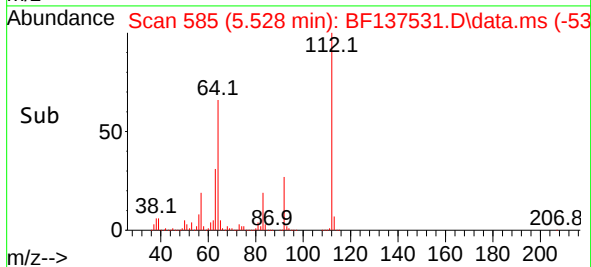
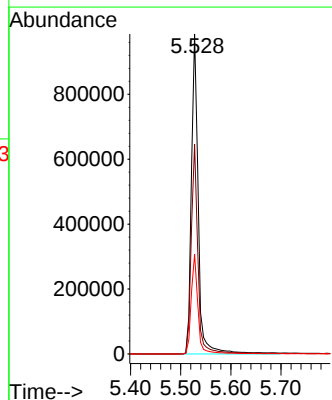
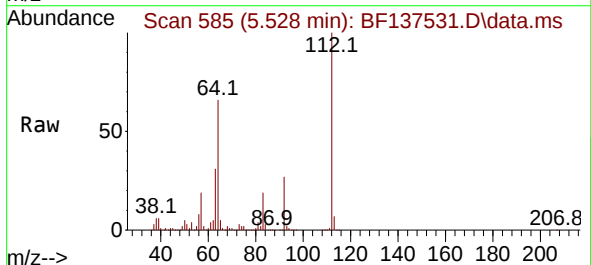
Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion:152 Resp: 204701
Ion Ratio Lower Upper
152 100
150 154.5 125.8 188.6
115 63.4 48.8 73.2



#5
2-Fluorophenol
Concen: 69.757 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF137531.D
Acq: 07 Mar 2024 15:47

Tgt Ion:112 Resp: 942812
Ion Ratio Lower Upper
112 100
64 65.6 53.4 80.2
63 31.2 26.2 39.2

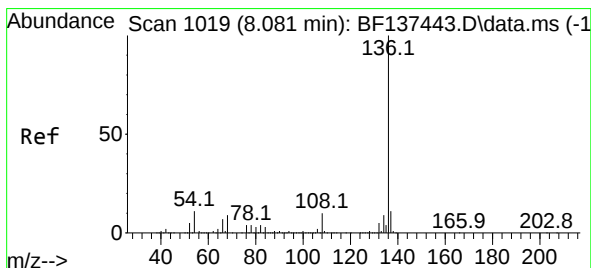
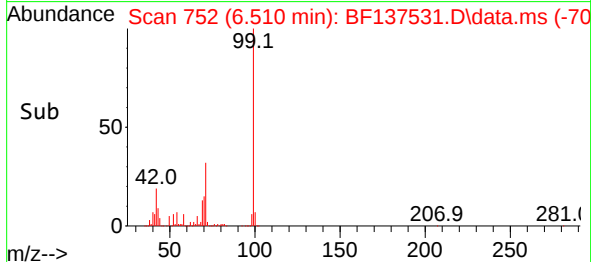
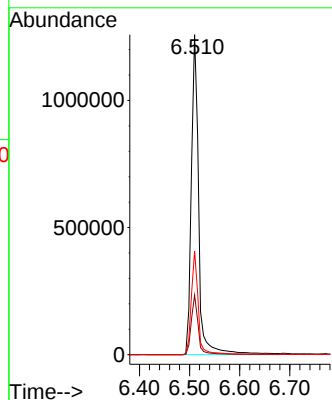
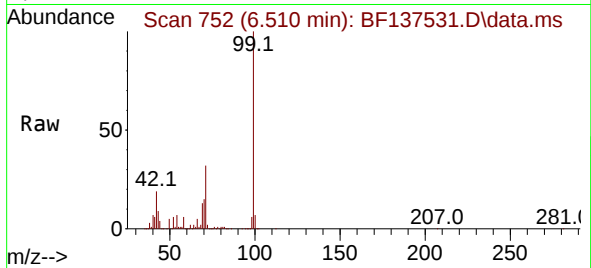




#7
Phenol-d6
Concen: 66.096 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF137531.D
Acq: 07 Mar 2024 15:47

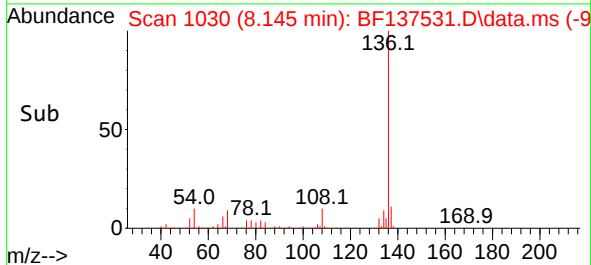
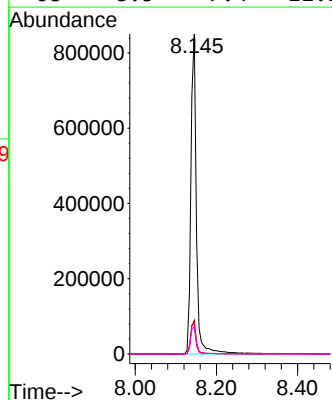
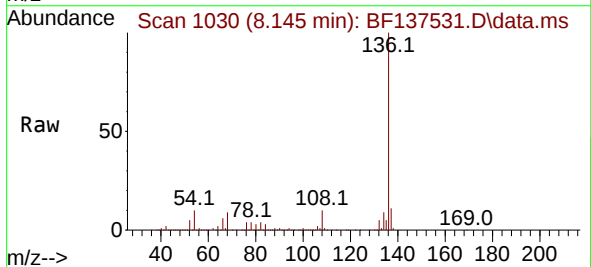
Instrument :
BNA_F
ClientSampleId :
COMP-2

Tgt Ion: 99 Resp: 1289501
Ion Ratio Lower Upper
99 100
42 18.6 14.6 21.8
71 32.4 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: BF137531.D
Acq: 07 Mar 2024 15:47

Tgt Ion: 136 Resp: 798131
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 9.6 8.5 12.7
68 8.5 7.4 11.2





#23

Nitrobenzene-d5

Concen: 45.486 ng

RT: 7.428 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF137531.D

Acq: 07 Mar 2024 15:47

Instrument :

BNA_F

ClientSampleId :

COMP-2

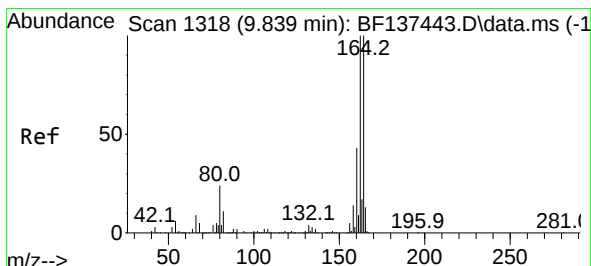
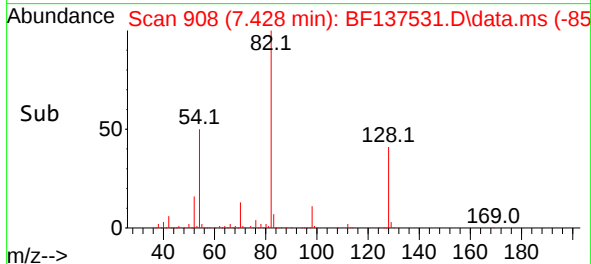
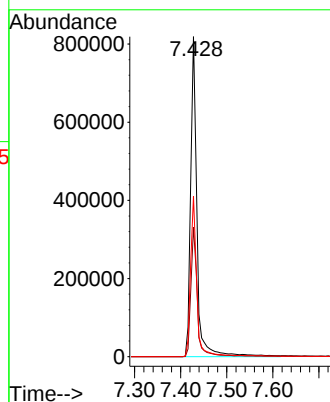
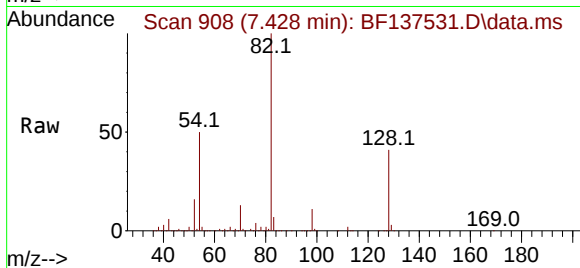
Tgt Ion: 82 Resp: 781337

Ion Ratio Lower Upper

82 100

128 40.5 32.5 48.7

54 50.2 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: BF137531.D

Acq: 07 Mar 2024 15:47

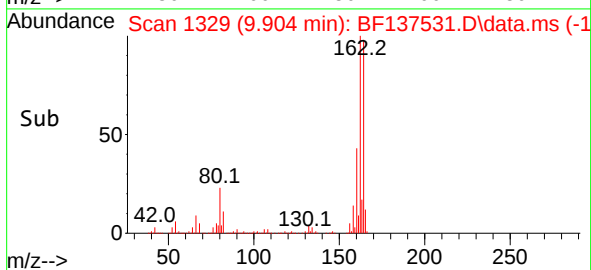
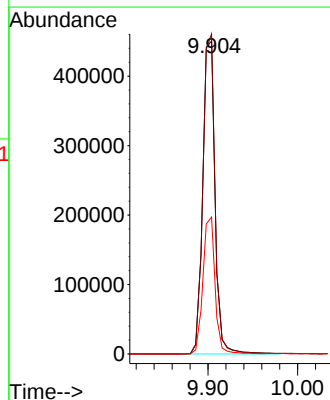
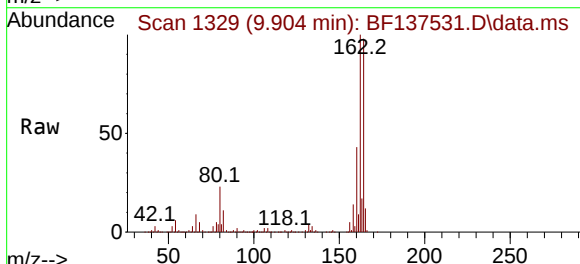
Tgt Ion: 164 Resp: 429616

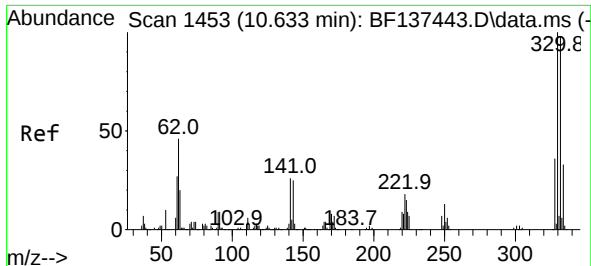
Ion Ratio Lower Upper

164 100

162 102.2 79.8 119.8

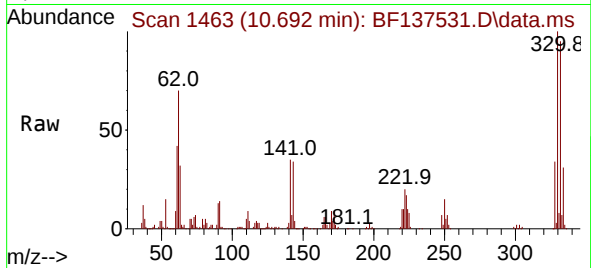
160 43.8 34.4 51.6



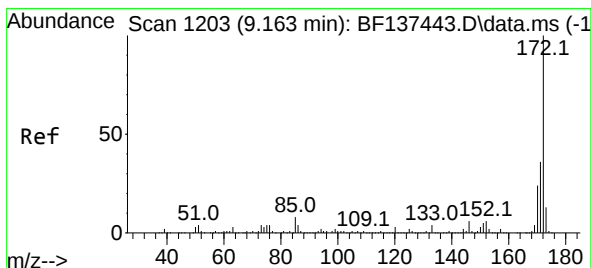
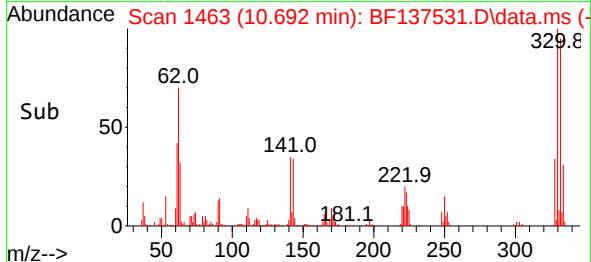
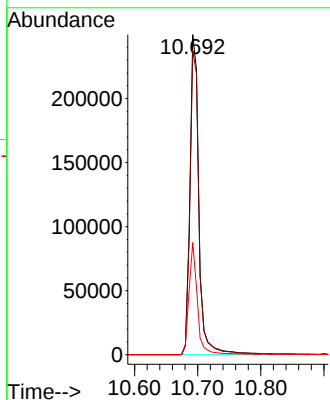


#42
2,4,6-Tribromophenol
Concen: 65.553 ng
RT: 10.692 min Scan# 1453
Delta R.T. 0.000 min
Lab File: BF137531.D
Acq: 07 Mar 2024 15:47

Instrument :
BNA_F
ClientSampleId :
COMP-2

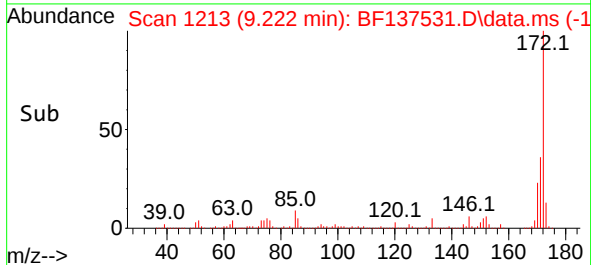
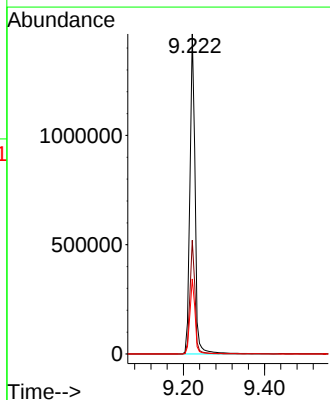
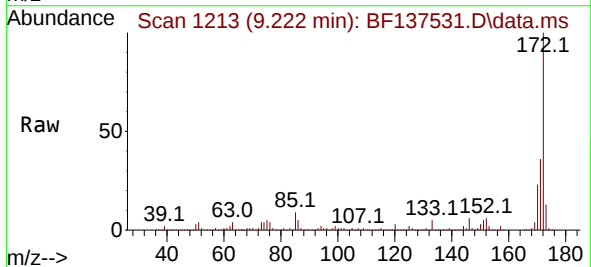


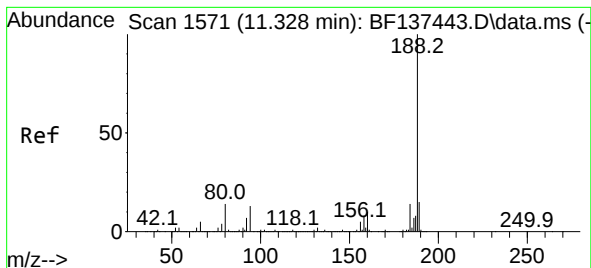
Tgt Ion:330 Resp: 247315
Ion Ratio Lower Upper
330 100
332 96.5 78.0 117.0
141 33.2 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 47.204 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.006 min
Lab File: BF137531.D
Acq: 07 Mar 2024 15:47

Tgt Ion:172 Resp: 1295532
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.5 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF137531.D

Acq: 07 Mar 2024 15:47

Instrument :

BNA_F

ClientSampleId :

COMP-2

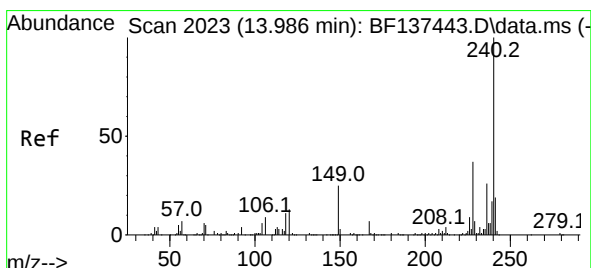
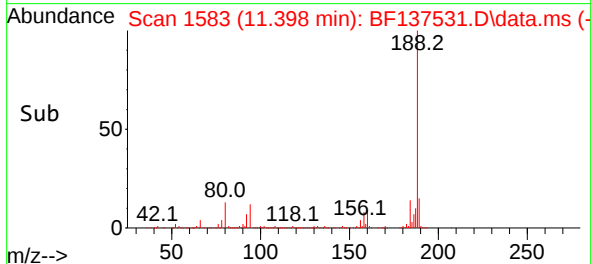
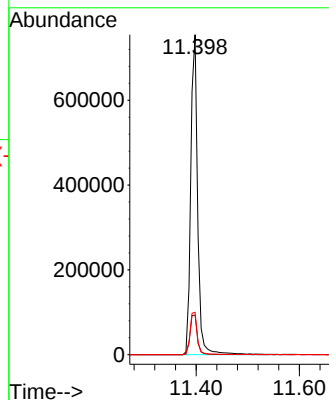
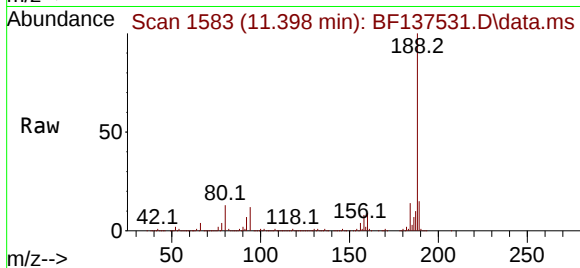
Tgt Ion:188 Resp: 699273

Ion Ratio Lower Upper

188 100

94 12.3 10.6 15.8

80 13.2 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF137531.D

Acq: 07 Mar 2024 15:47

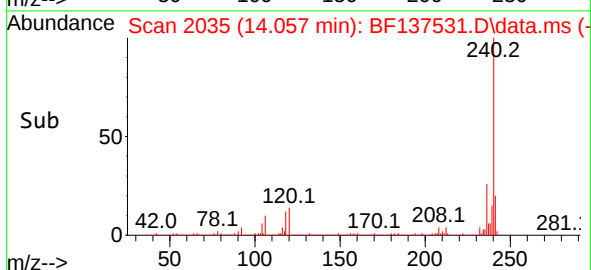
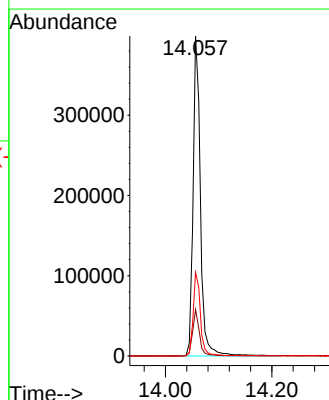
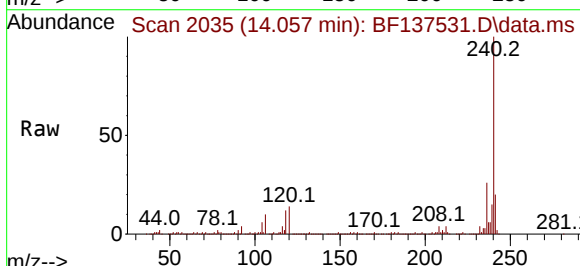
Tgt Ion:240 Resp: 382429

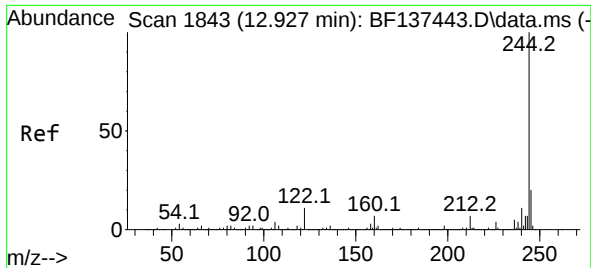
Ion Ratio Lower Upper

240 100

120 14.5 10.4 15.6

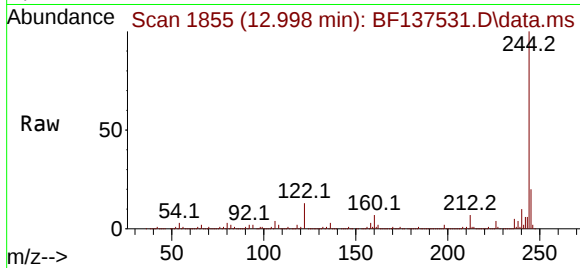
236 26.1 20.9 31.3



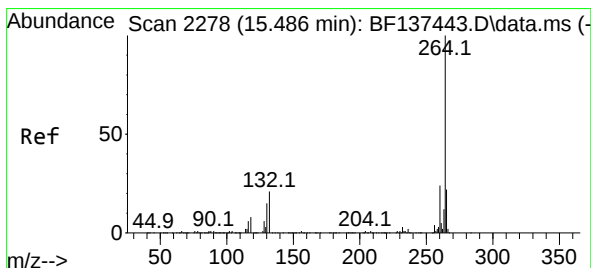
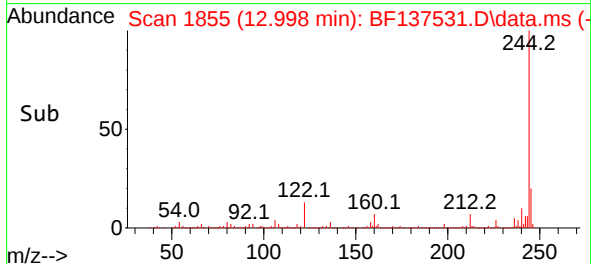
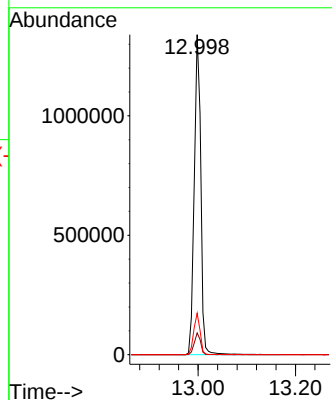


#79
 Terphenyl-d14
 Concen: 44.684 ng
 RT: 12.998 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF137531.D
 Acq: 07 Mar 2024 15:47

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2



Tgt Ion:244 Resp: 1242694
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 12.9 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.598 min Scan# 2297
 Delta R.T. 0.029 min
 Lab File: BF137531.D
 Acq: 07 Mar 2024 15:47

Tgt Ion:264 Resp: 417216
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.3 28.9
 265 21.6 17.4 26.0

