

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
 Data File : BF137633.D
 Acq On : 18 Mar 2024 16:06
 Operator : CG\JU
 Sample : P1774-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP9

Quant Time: Mar 18 17:20:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	134667	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	509830	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	278381	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	419712	20.000	ng	0.00
76) Chrysene-d12	13.874	240	309505	20.000	ng	0.00
86) Perylene-d12	15.298	264	332851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	1209574	136.035	ng	0.00
7) Phenol-d6	6.363	99	1666444	129.838	ng	0.00
23) Nitrobenzene-d5	7.292	82	959540	87.449	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	337012	137.856	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1619449	91.063	ng	0.00
79) Terphenyl-d14	12.827	244	1448505	64.356	ng	0.00

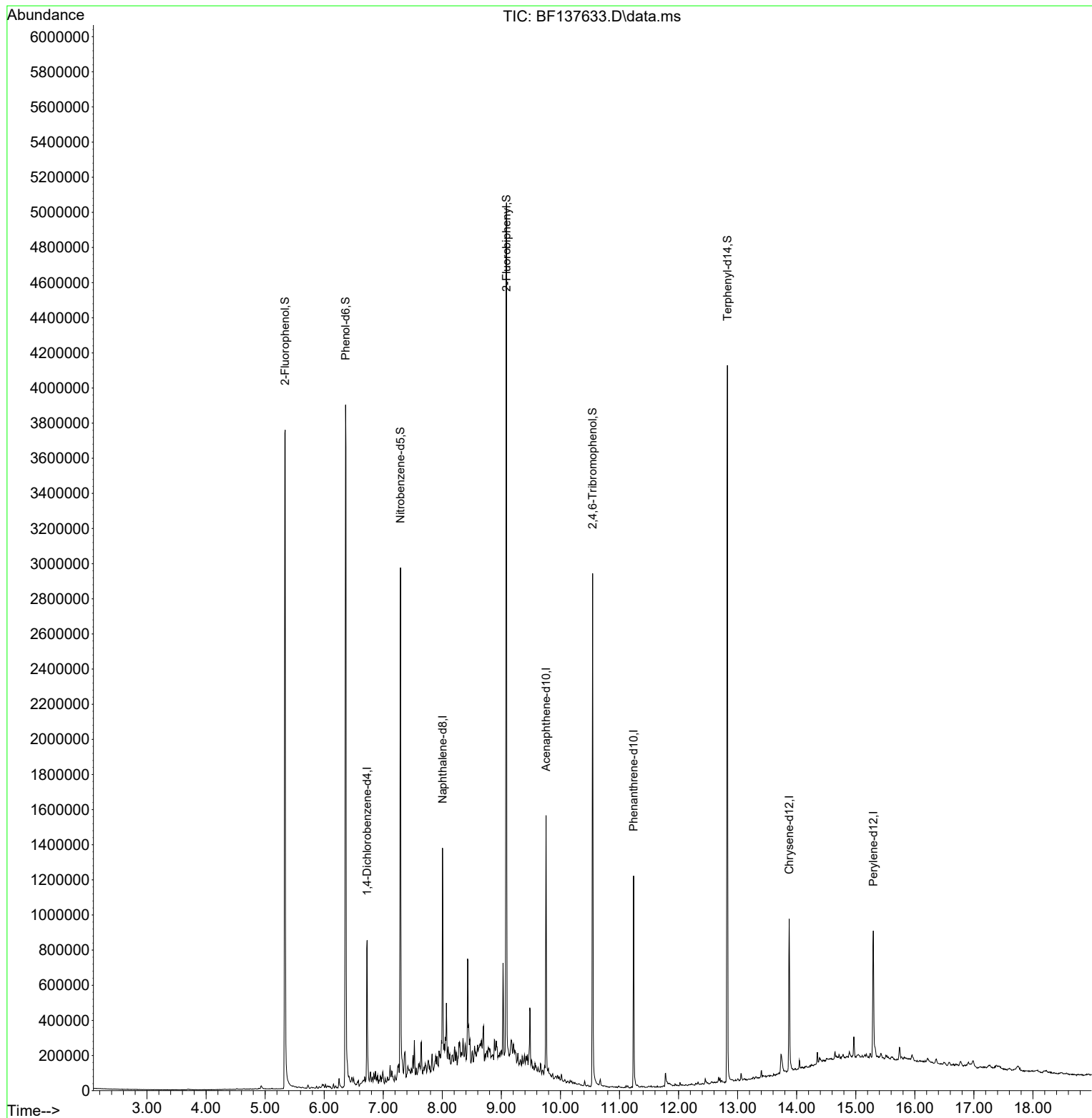
Target Compounds	Qvalue

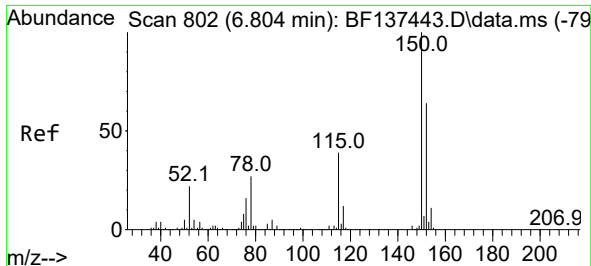
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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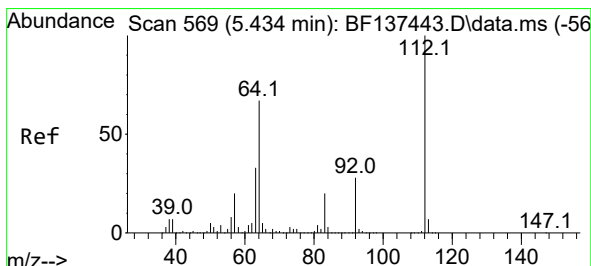
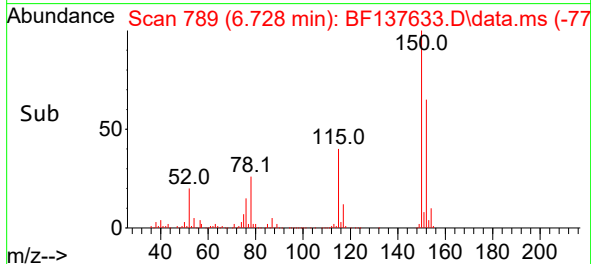
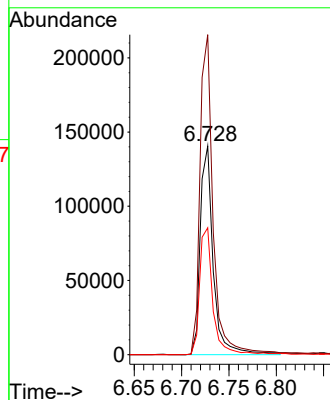
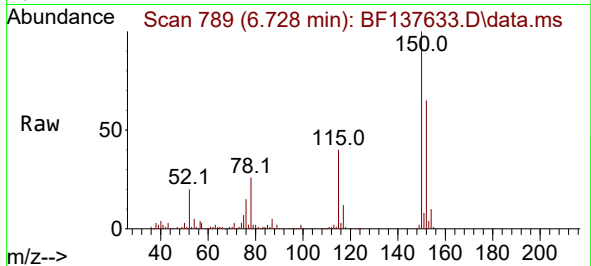




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137633.D
Acq: 18 Mar 2024 16:06

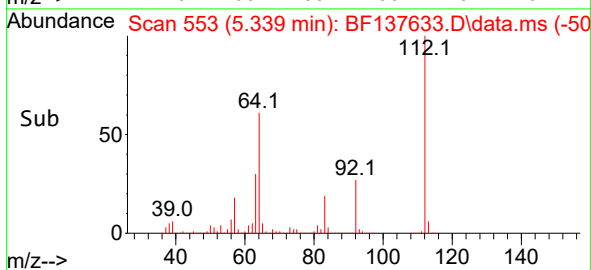
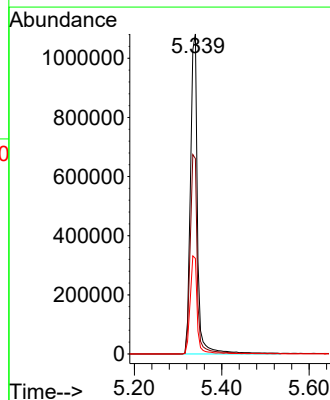
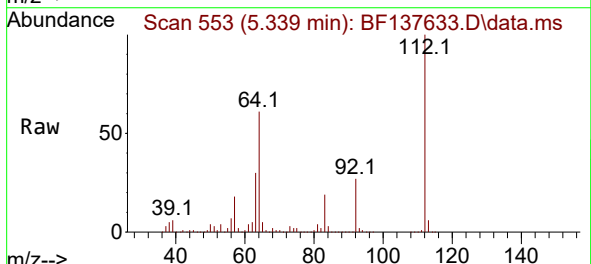
Instrument :
BNA_F
ClientSampleId :
TP9

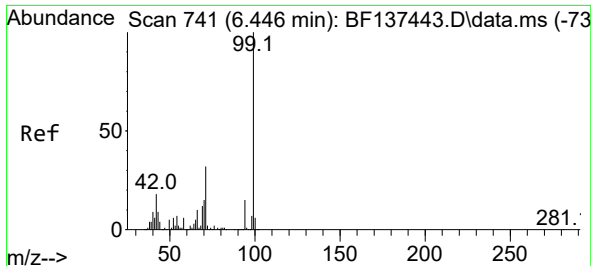
Tgt Ion:152 Resp: 134667
Ion Ratio Lower Upper
152 100
150 153.4 125.8 188.6
115 60.9 48.8 73.2



#5
2-Fluorophenol
Concen: 136.035 ng
RT: 5.339 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF137633.D
Acq: 18 Mar 2024 16:06

Tgt Ion:112 Resp: 1209574
Ion Ratio Lower Upper
112 100
64 61.1 53.4 80.2
63 29.8 26.2 39.2

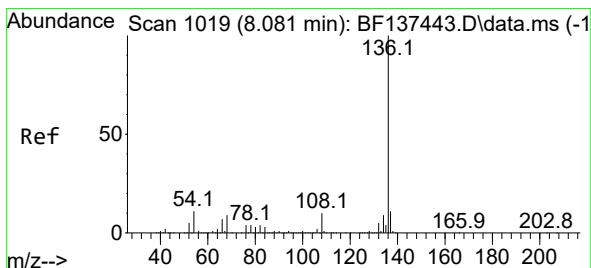
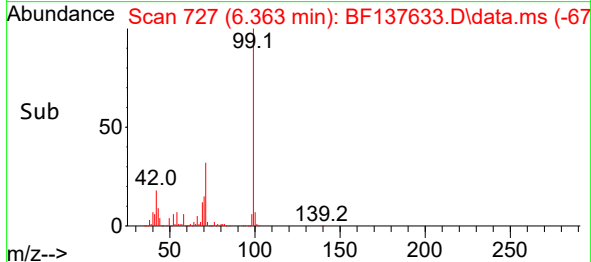
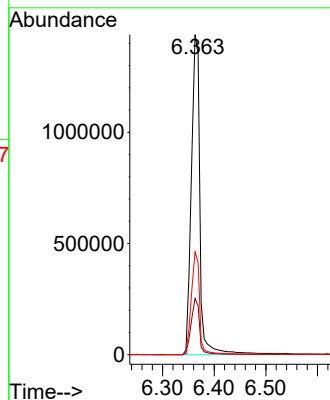
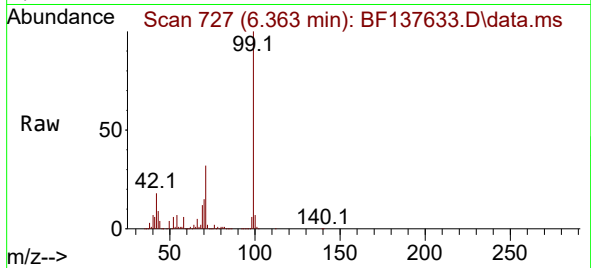




#7
Phenol-d6
Concen: 129.838 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137633.D
Acq: 18 Mar 2024 16:06

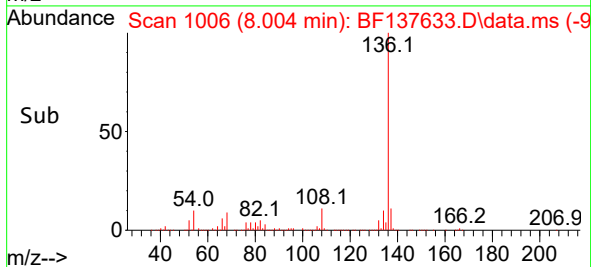
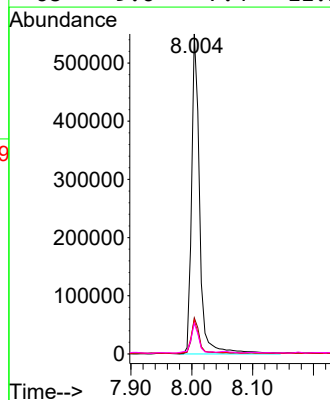
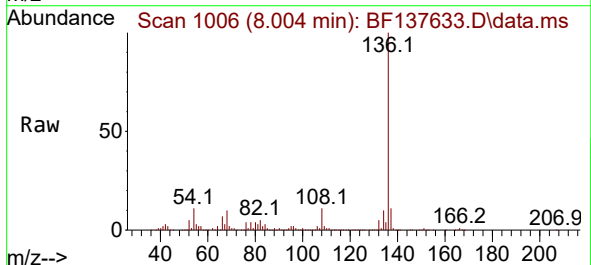
Instrument :
BNA_F
ClientSampleId :
TP9

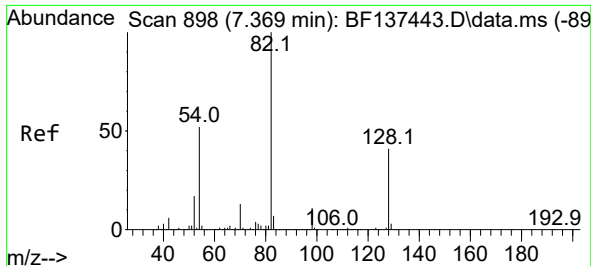
Tgt Ion: 99 Resp: 1666444
Ion Ratio Lower Upper
99 100
42 17.5 14.6 21.8
71 32.1 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137633.D
Acq: 18 Mar 2024 16:06

Tgt Ion: 136 Resp: 509830
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.5 8.5 12.7
68 9.6 7.4 11.2





#23

Nitrobenzene-d5

Concen: 87.449 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137633.D

Acq: 18 Mar 2024 16:06

Instrument :

BNA_F

ClientSampleId :

TP9

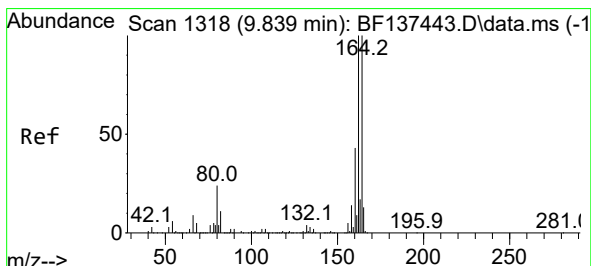
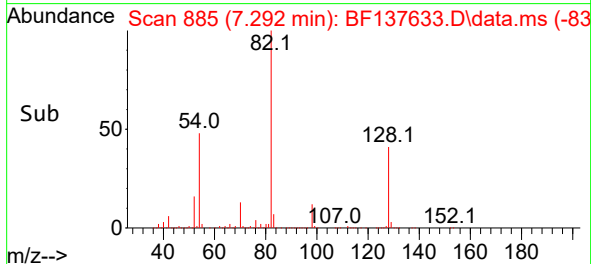
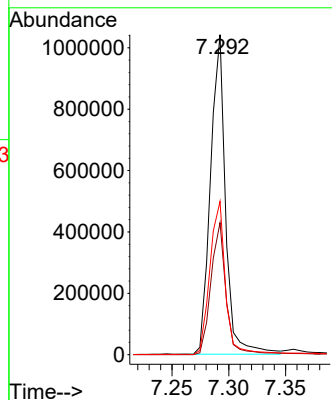
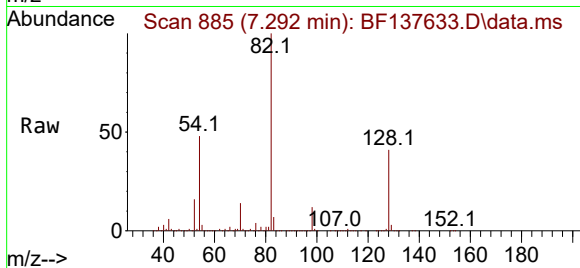
Tgt Ion: 82 Resp: 959540

Ion Ratio Lower Upper

82 100

128 41.3 32.5 48.7

54 47.9 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF137633.D

Acq: 18 Mar 2024 16:06

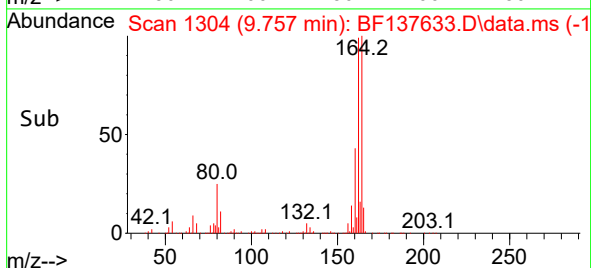
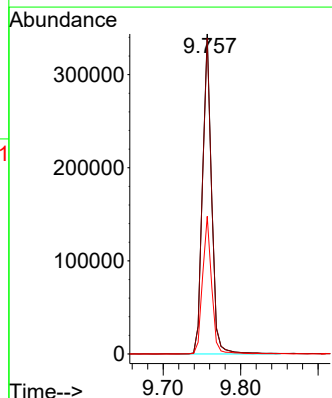
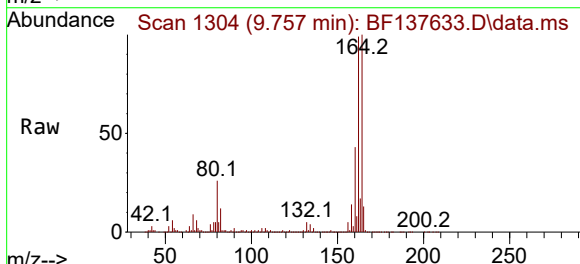
Tgt Ion:164 Resp: 278381

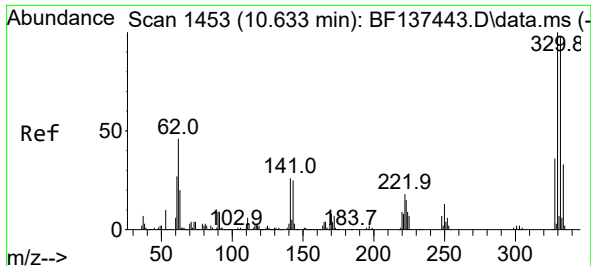
Ion Ratio Lower Upper

164 100

162 98.8 79.8 119.8

160 43.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 137.856 ng

RT: 10.545 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137633.D

Acq: 18 Mar 2024 16:06

Instrument :

BNA_F

ClientSampleId :

TP9

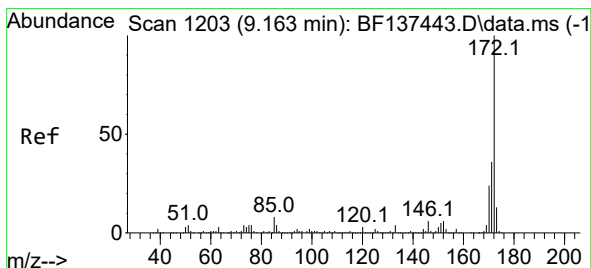
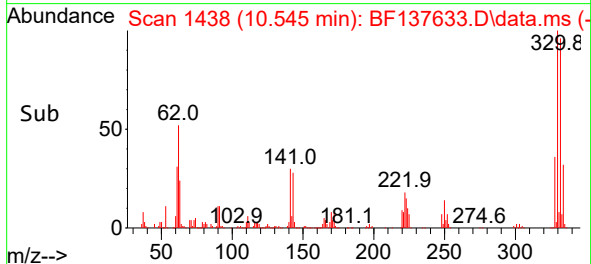
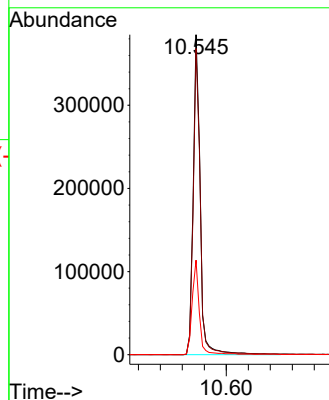
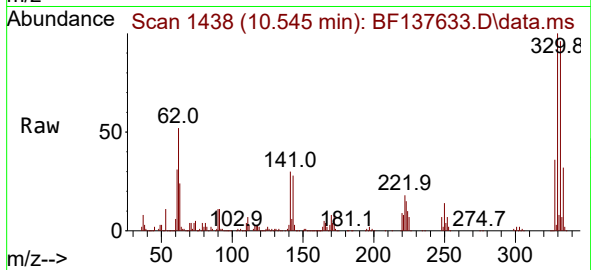
Tgt Ion:330 Resp: 337012

Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

141 30.5 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 91.063 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137633.D

Acq: 18 Mar 2024 16:06

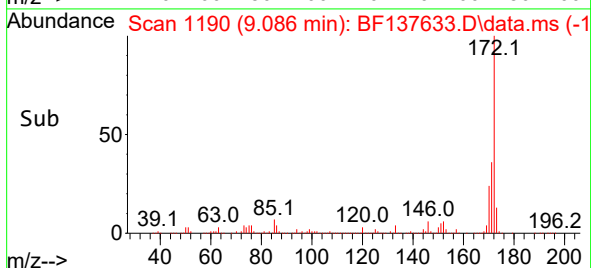
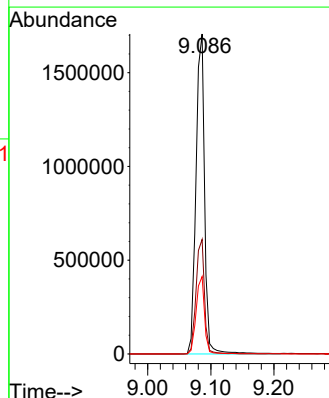
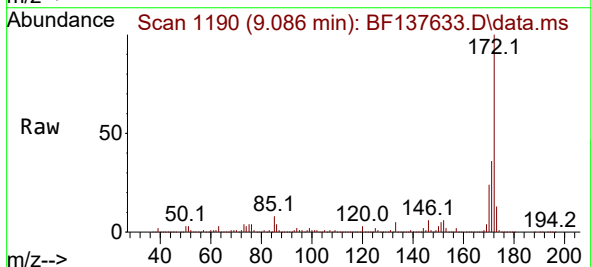
Tgt Ion:172 Resp: 1619449

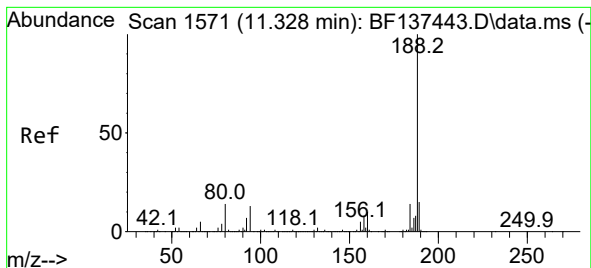
Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

170 24.2 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137633.D

Acq: 18 Mar 2024 16:06

Instrument :

BNA_F

ClientSampleId :

TP9

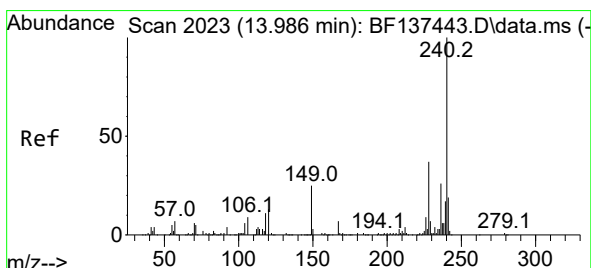
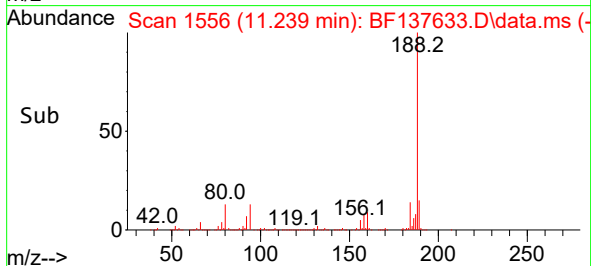
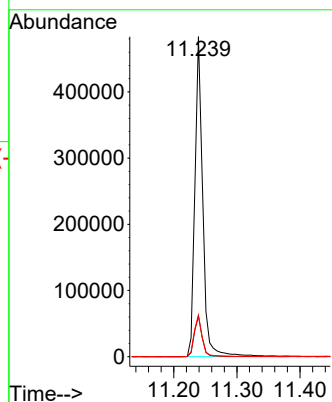
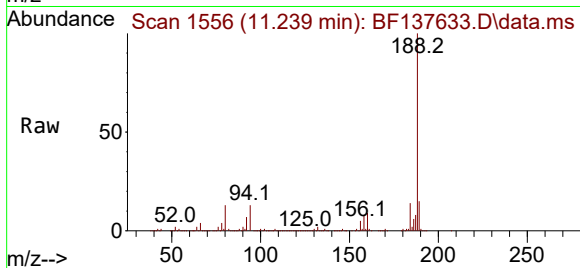
Tgt Ion:188 Resp: 419712

Ion Ratio Lower Upper

188 100

94 12.6 10.6 15.8

80 13.1 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2004

Delta R.T. -0.000 min

Lab File: BF137633.D

Acq: 18 Mar 2024 16:06

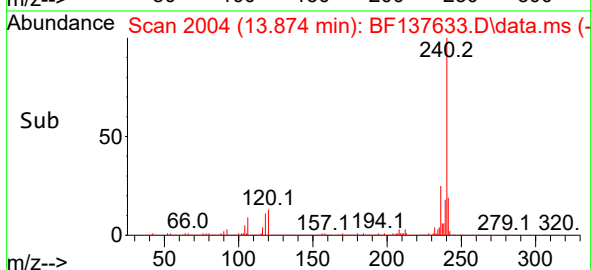
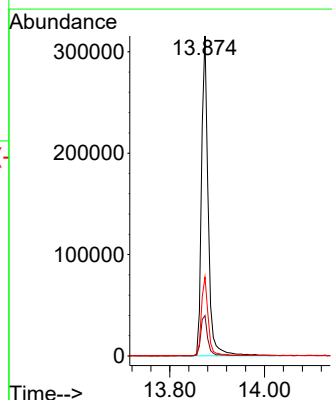
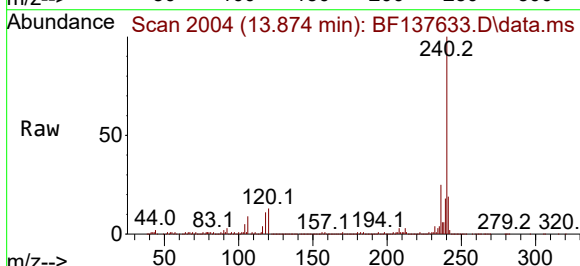
Tgt Ion:240 Resp: 309505

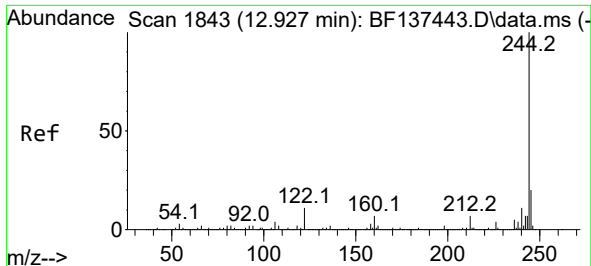
Ion Ratio Lower Upper

240 100

120 12.6 10.4 15.6

236 24.7 20.9 31.3

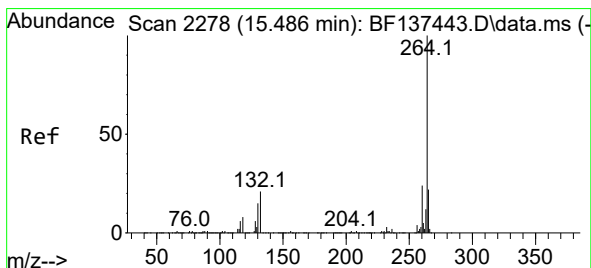
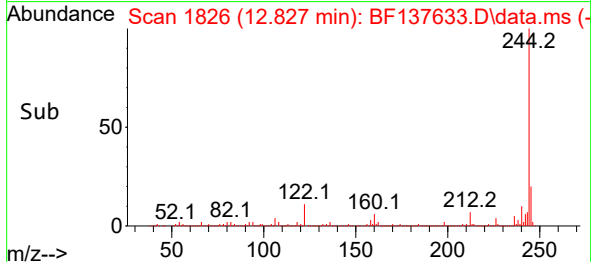
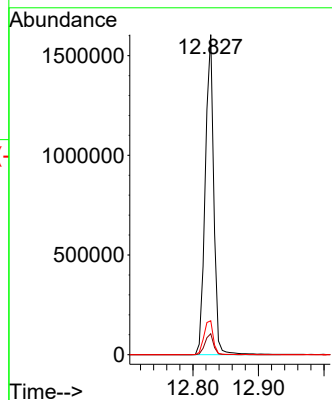
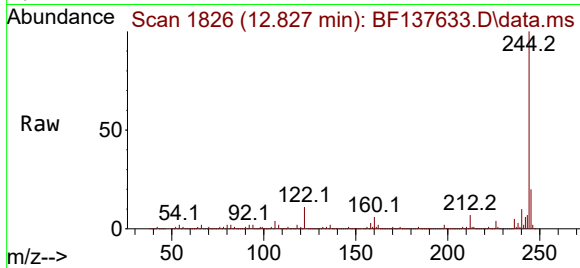




#79
Terphenyl-d14
Concen: 64.356 ng
RT: 12.827 min Scan# 1843
Delta R.T. -0.000 min
Lab File: BF137633.D
Acq: 18 Mar 2024 16:06

Instrument :
BNA_F
ClientSampleId :
TP9

Tgt Ion:244 Resp: 1448505
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 10.6 9.1 13.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.298 min Scan# 2246
Delta R.T. -0.000 min
Lab File: BF137633.D
Acq: 18 Mar 2024 16:06

Tgt Ion:264 Resp: 332851
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 21.8 17.4 26.0

