

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030624\
 Data File : BF137519.D
 Acq On : 06 Mar 2024 15:25
 Operator : CG\JU
 Sample : P1672-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-13

Quant Time: Mar 06 15:54:42 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	6.857	152	227126	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	889214	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	484740	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	794659	20.000	ng	0.00
76) Chrysene-d12	14.051	240	412038	20.000	ng	0.00
86) Perylene-d12	15.580	264	411477	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1766780	117.814	ng	0.02
7) Phenol-d6	6.504	99	2197294	101.507	ng	0.00
23) Nitrobenzene-d5	7.422	82	1643947	85.901	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	572357	134.455	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2515663	81.238	ng	0.00
79) Terphenyl-d14	12.992	244	2626224	87.646	ng	0.00

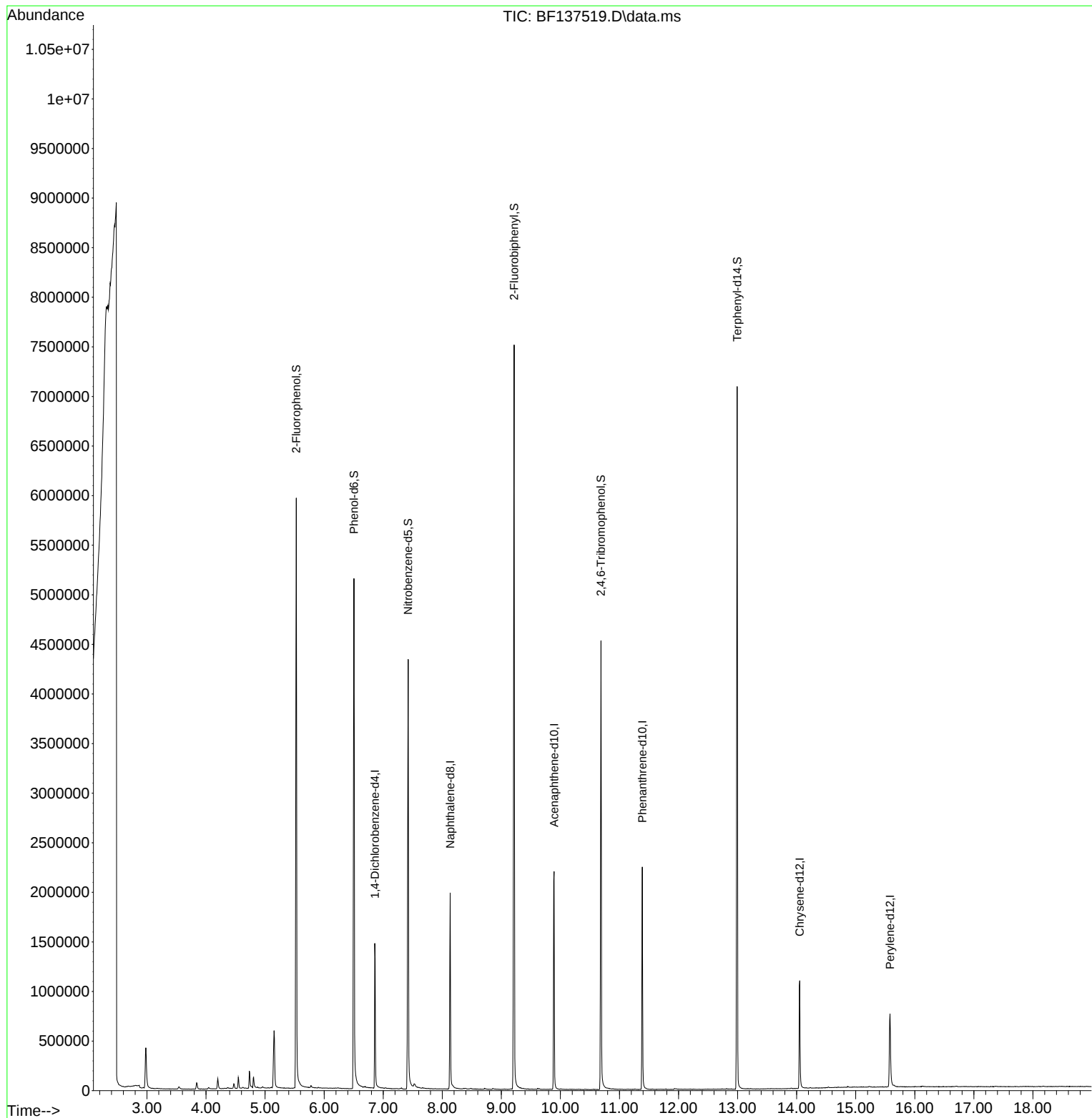
Target Compounds	Qvalue

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

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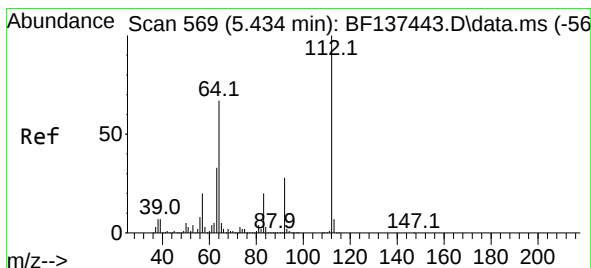
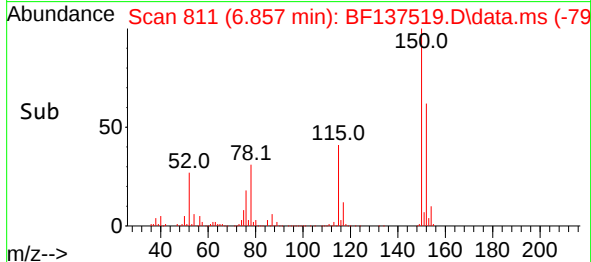
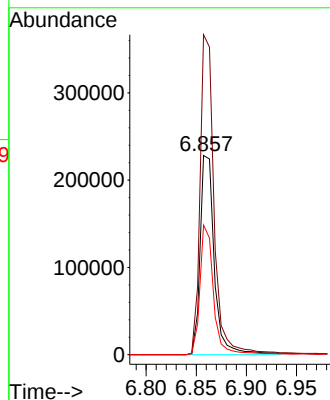
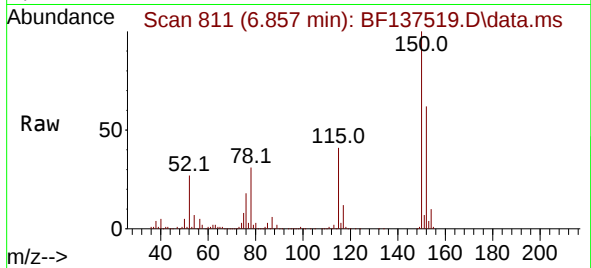




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF137519.D
Acq: 06 Mar 2024 15:25

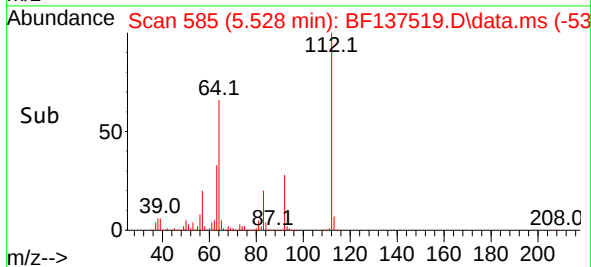
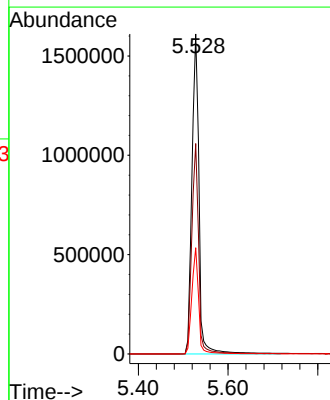
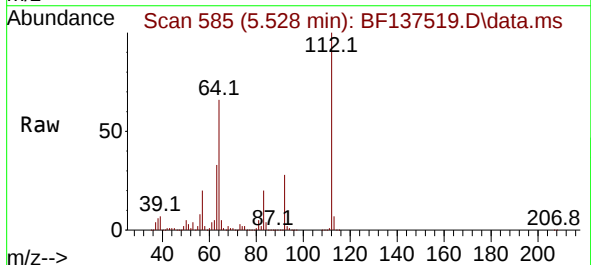
Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:152 Resp: 227126
Ion Ratio Lower Upper
152 100
150 160.6 125.8 188.6
115 65.1 48.8 73.2



#5
2-Fluorophenol
Concen: 117.814 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF137519.D
Acq: 06 Mar 2024 15:25

Tgt Ion:112 Resp: 1766780
Ion Ratio Lower Upper
112 100
64 65.8 53.4 80.2
63 33.2 26.2 39.2



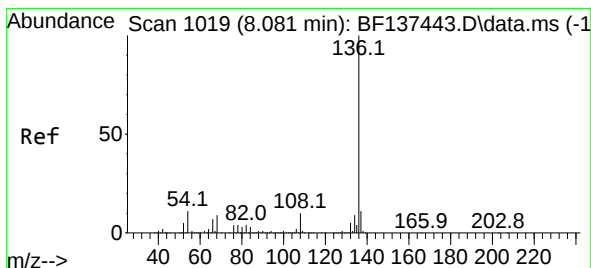
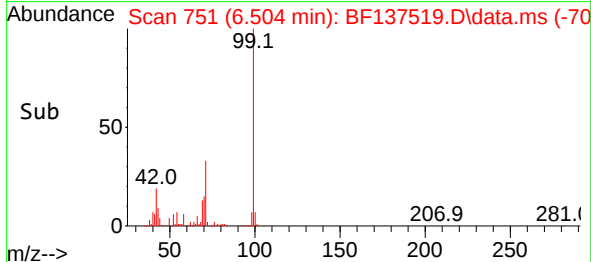
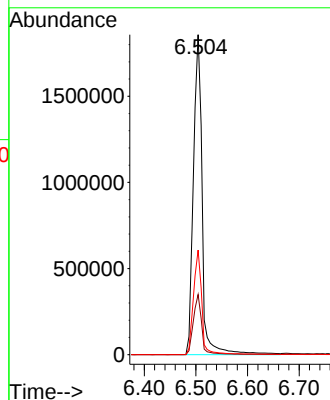
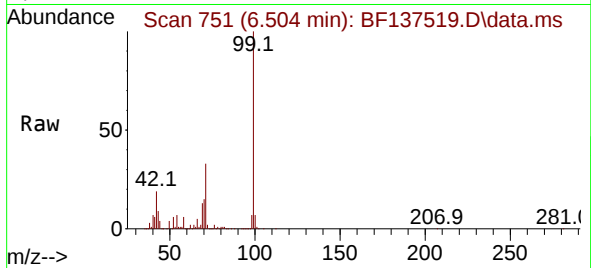


#7
Phenol-d6
Concen: 101.507 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137519.D
Acq: 06 Mar 2024 15:25

Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion: 99 Resp: 2197294

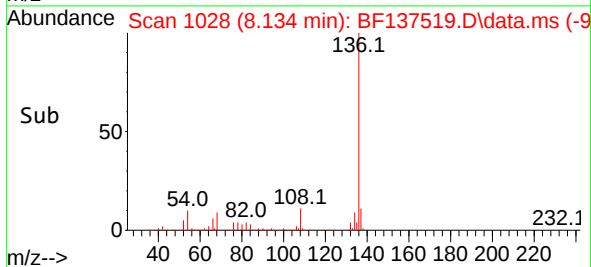
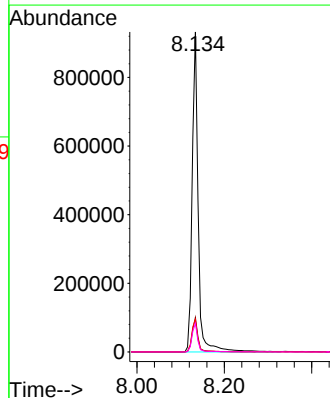
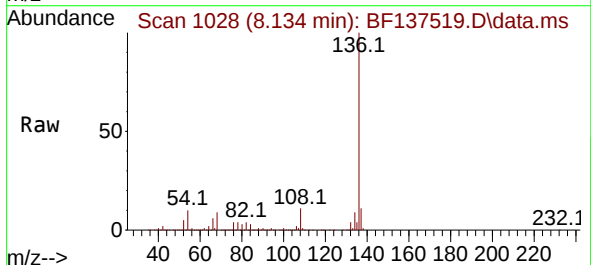
Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.6	21.8
71	32.7	25.3	37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF137519.D
Acq: 06 Mar 2024 15:25

Tgt Ion: 136 Resp: 889214

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	10.2	8.5	12.7
68	8.9	7.4	11.2

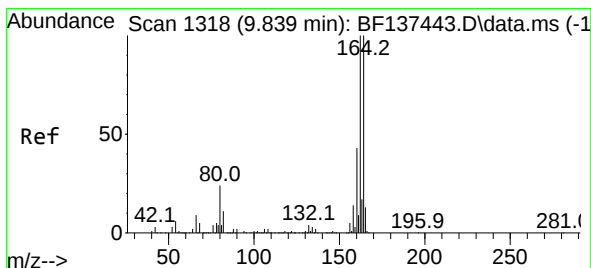
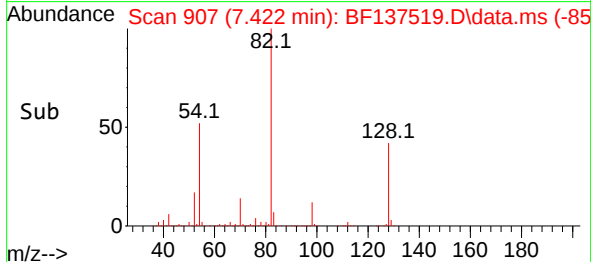
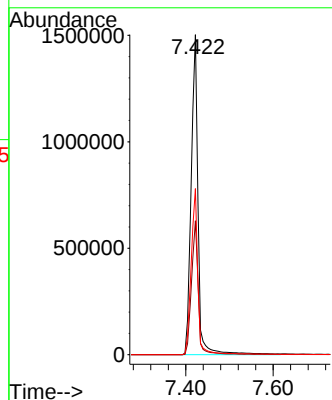
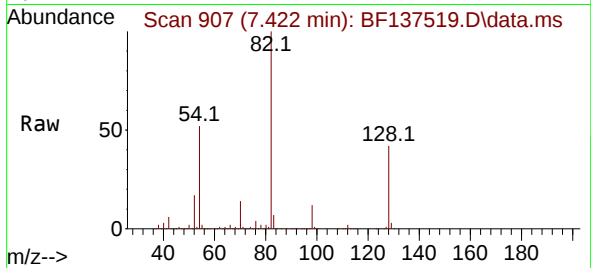




#23
Nitrobenzene-d5
Concen: 85.901 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF137519.D
Acq: 06 Mar 2024 15:25

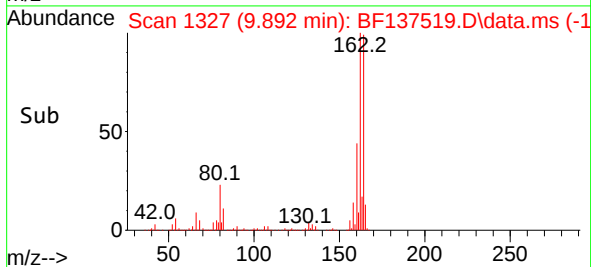
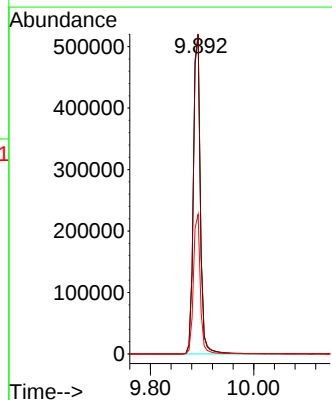
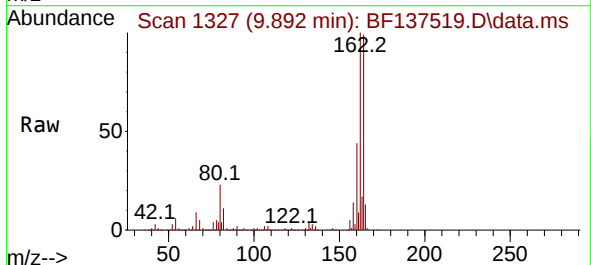
Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion: 82 Resp: 1643947
Ion Ratio Lower Upper
82 100
128 41.8 32.5 48.7
54 51.9 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF137519.D
Acq: 06 Mar 2024 15:25

Tgt Ion:164 Resp: 484740
Ion Ratio Lower Upper
164 100
162 100.7 79.8 119.8
160 43.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 134.455 ng

RT: 10.686 min Scan# 1453

Delta R.T. -0.006 min

Lab File: BF137519.D

Acq: 06 Mar 2024 15:25

Instrument :

BNA_F

ClientSampleId :

TP-13

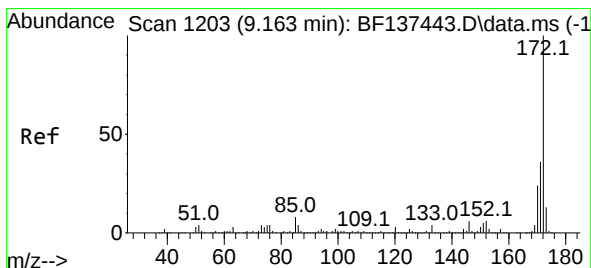
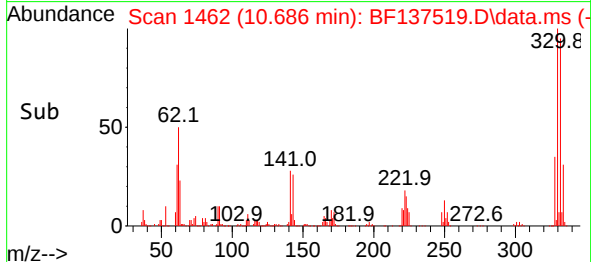
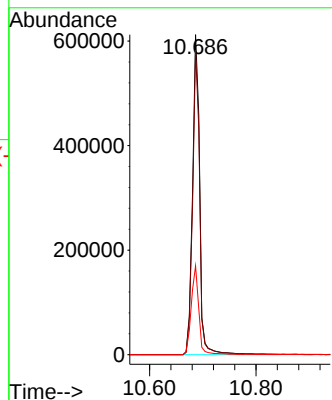
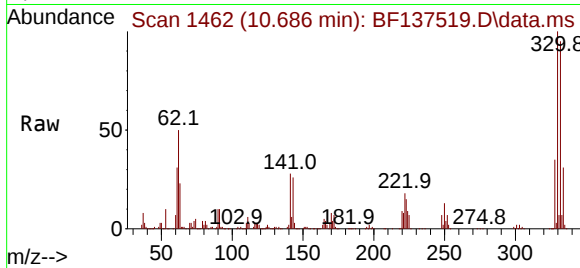
Tgt Ion:330 Resp: 572357

Ion Ratio Lower Upper

330 100

332 93.9 78.0 117.0

141 29.3 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 81.238 ng

RT: 9.216 min Scan# 1212

Delta R.T. 0.000 min

Lab File: BF137519.D

Acq: 06 Mar 2024 15:25

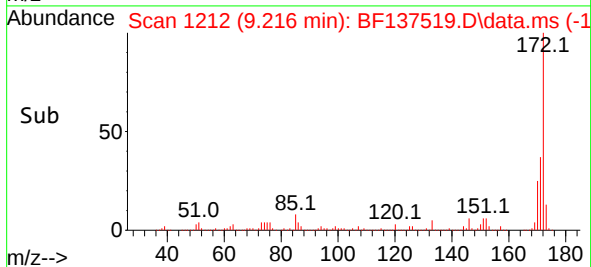
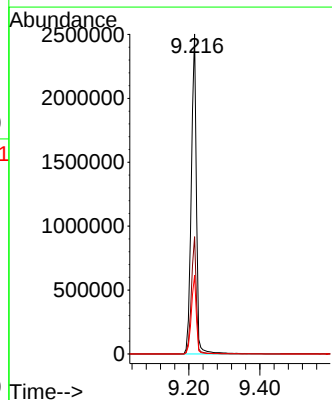
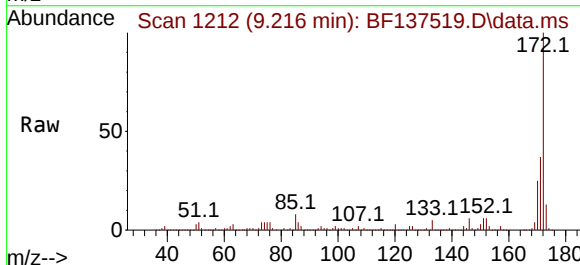
Tgt Ion:172 Resp: 2515663

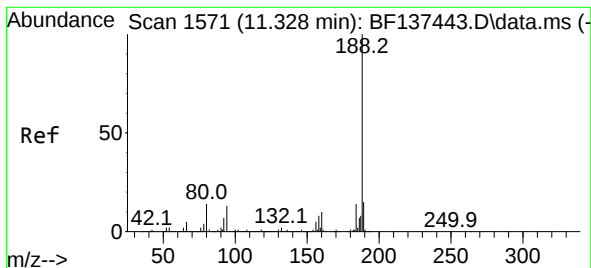
Ion Ratio Lower Upper

172 100

171 36.6 28.5 42.7

170 24.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137519.D

Acq: 06 Mar 2024 15:25

Instrument :

BNA_F

ClientSampleId :

TP-13

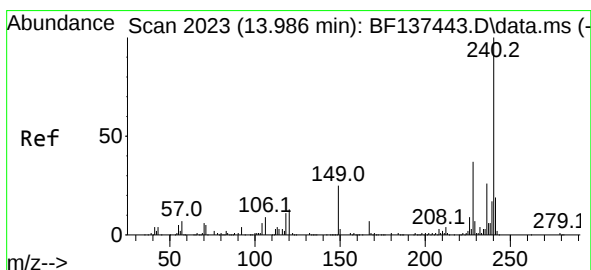
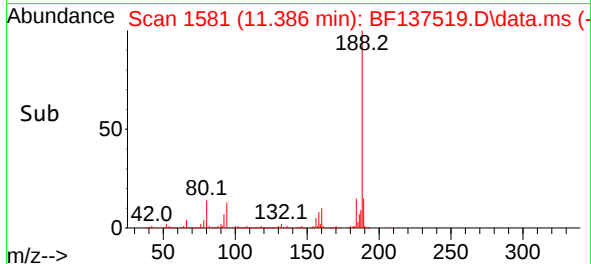
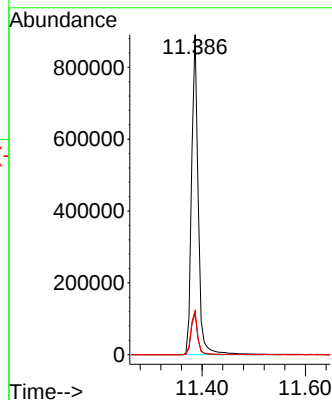
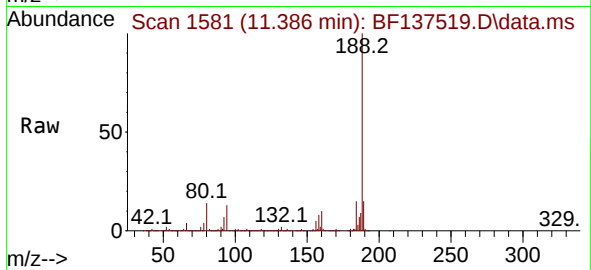
Tgt Ion:188 Resp: 794659

Ion Ratio Lower Upper

188 100

94 13.0 10.6 15.8

80 13.7 11.5 17.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BF137519.D

Acq: 06 Mar 2024 15:25

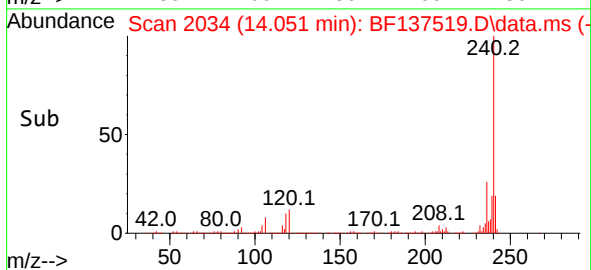
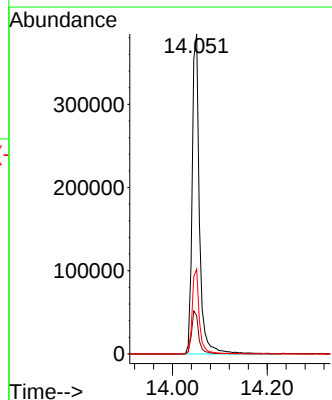
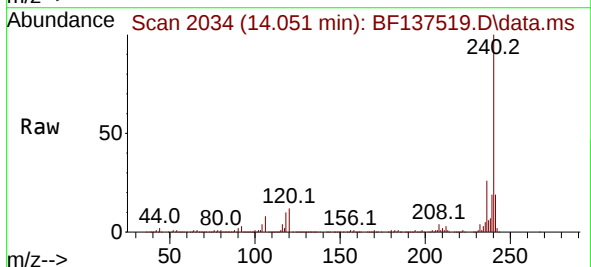
Tgt Ion:240 Resp: 412038

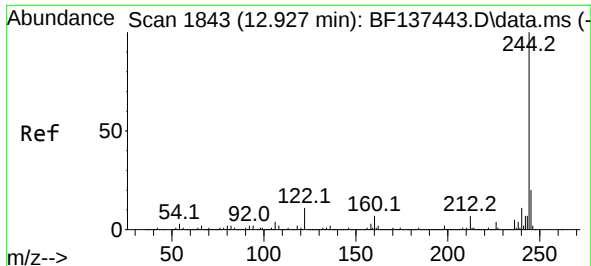
Ion Ratio Lower Upper

240 100

120 12.0 10.4 15.6

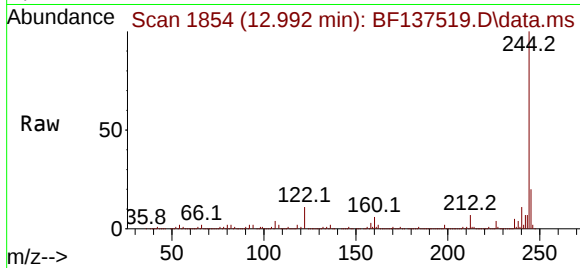
236 26.5 20.9 31.3



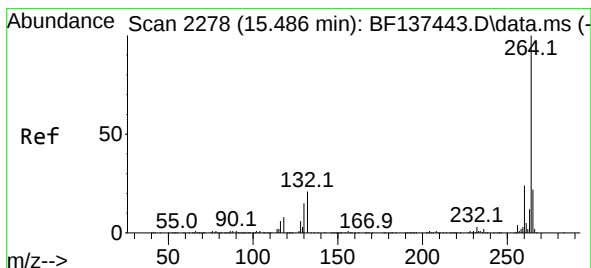
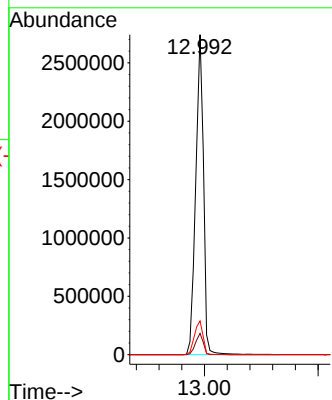
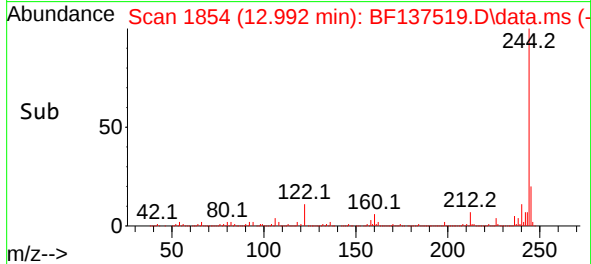


#79
 Terphenyl-d14
 Concen: 87.646 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF137519.D
 Acq: 06 Mar 2024 15:25

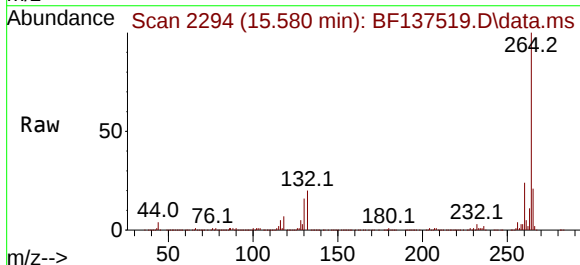
Instrument :
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Tgt Ion:244 Resp: 2626224
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.6 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. 0.012 min
 Lab File: BF137519.D
 Acq: 06 Mar 2024 15:25



Tgt Ion:264 Resp: 411477
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.3 28.9
 265 21.3 17.4 26.0

