

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020124\
 Data File : BF137240.D
 Acq On : 01 Feb 2024 19:24
 Operator : CG\JU
 Sample : P1311-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Feb 02 01:16:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	55446	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	207262	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	108796	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	175047	20.000	ng	0.00
76) Chrysene-d12	13.963	240	150075	20.000	ng	-0.01
86) Perylene-d12	15.445	264	132158	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	341580	101.655	ng	0.01
7) Phenol-d6	6.422	99	429726	89.613	ng	0.00
23) Nitrobenzene-d5	7.351	82	291022	62.865	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	101026	82.222	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	489623	61.865	ng	0.00
79) Terphenyl-d14	12.910	244	456904	41.388	ng	-0.01

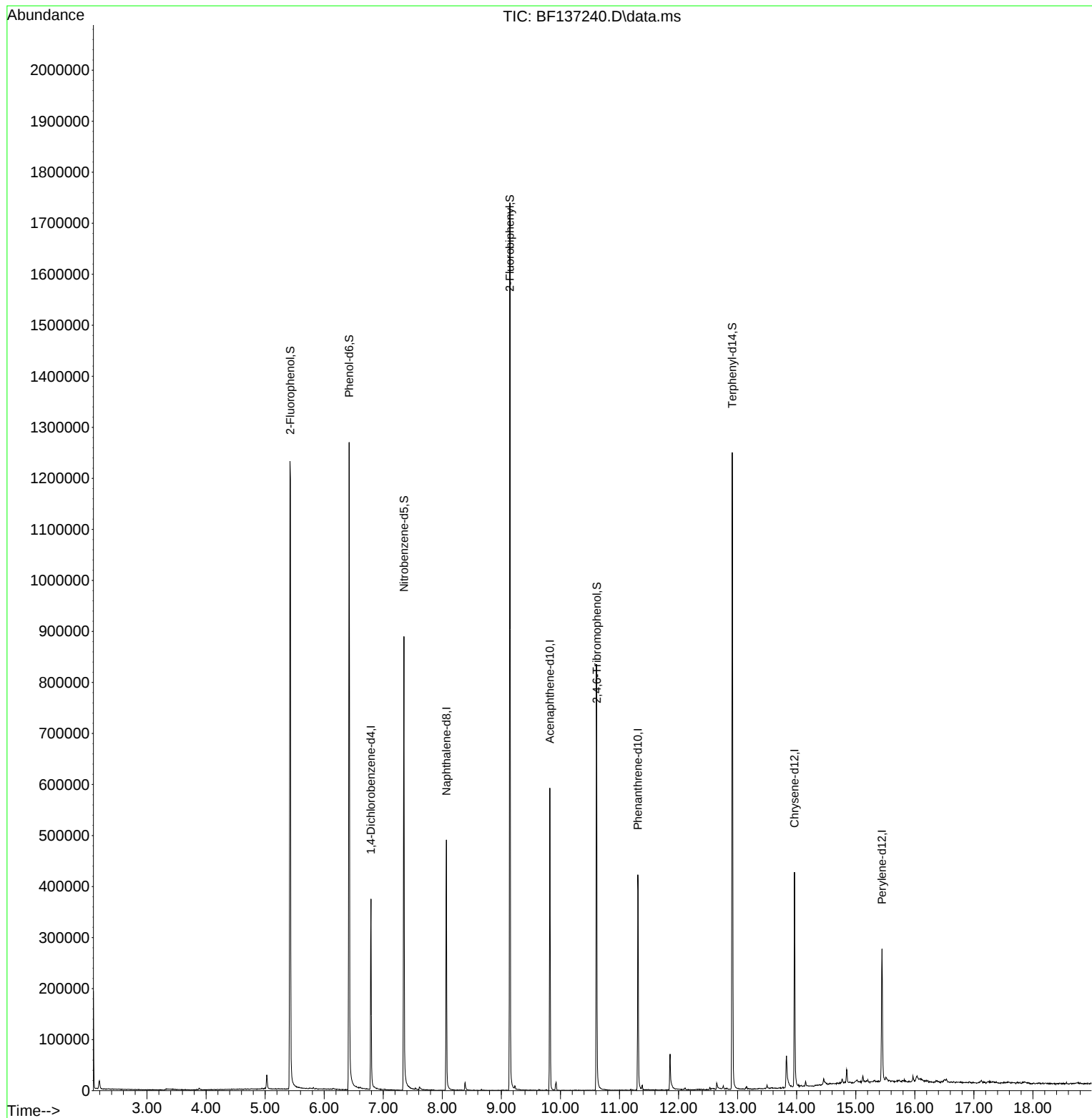
Target Compounds	Qvalue

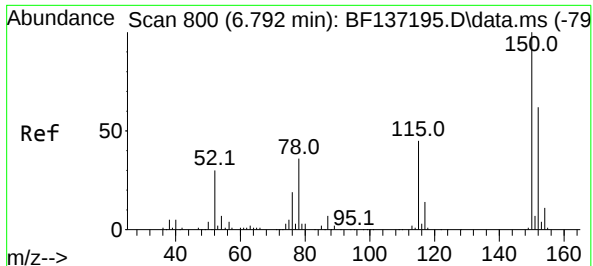
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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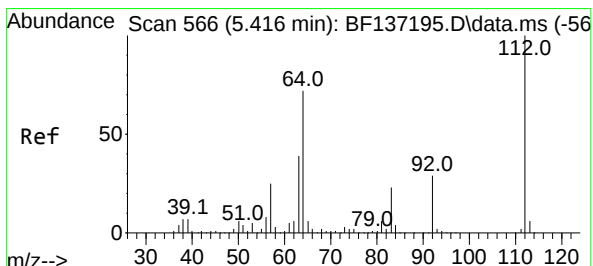
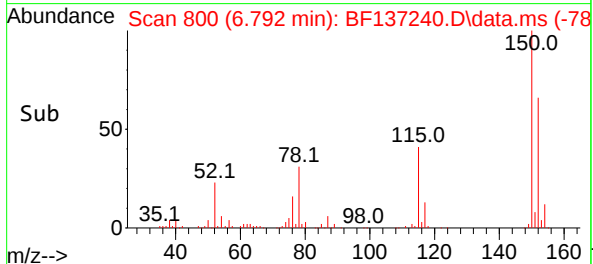
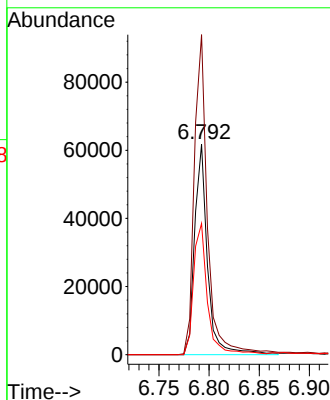
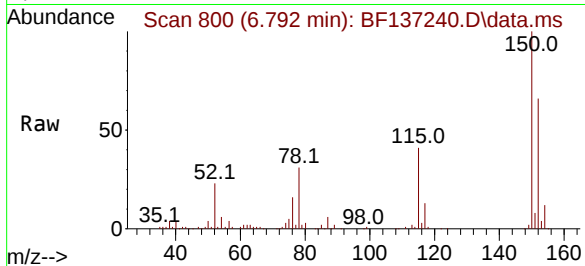




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF137240.D
Acq: 01 Feb 2024 19:24

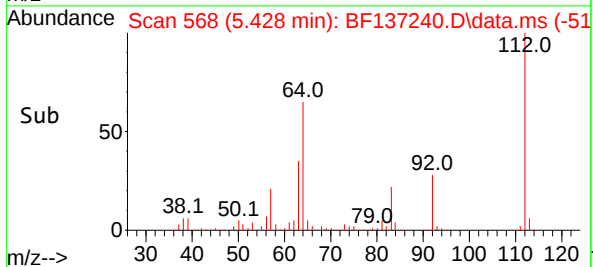
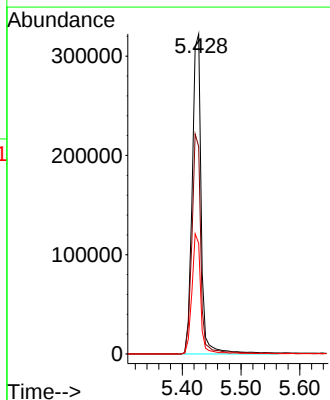
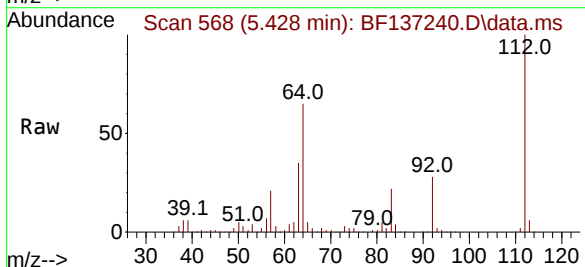
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:152 Resp: 55446
Ion Ratio Lower Upper
152 100
150 152.1 129.8 194.8
115 62.4 58.5 87.7



#5
2-Fluorophenol
Concen: 101.655 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF137240.D
Acq: 01 Feb 2024 19:24

Tgt Ion:112 Resp: 341580
Ion Ratio Lower Upper
112 100
64 64.8 57.8 86.6
63 34.6 31.4 47.0





#7

Phenol-d6

Concen: 89.613 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137240.D

Acq: 01 Feb 2024 19:24

Instrument :

BNA_F

ClientSampleId :

TP-4

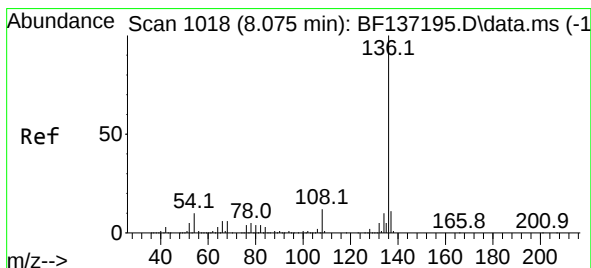
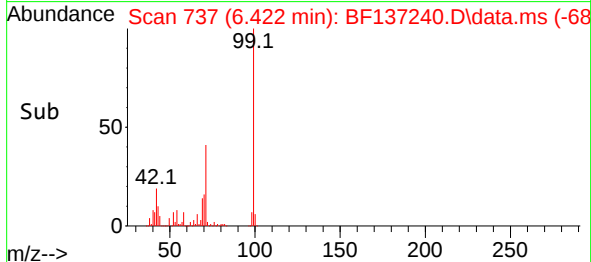
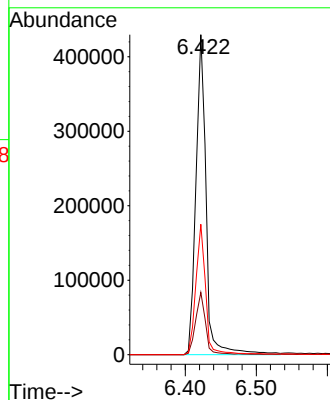
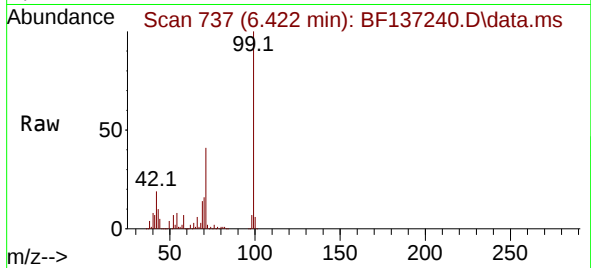
Tgt Ion: 99 Resp: 429726

Ion Ratio Lower Upper

99 100

42 19.4 16.4 24.6

71 40.8 32.4 48.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF137240.D

Acq: 01 Feb 2024 19:24

Tgt Ion: 136 Resp: 207262

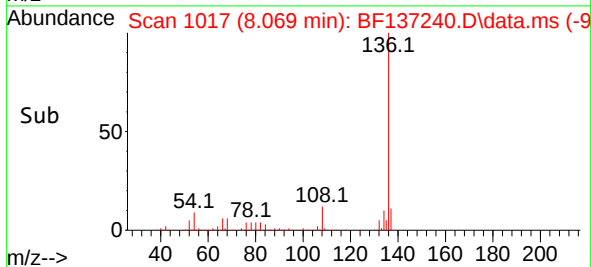
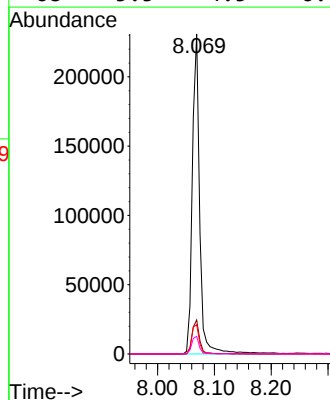
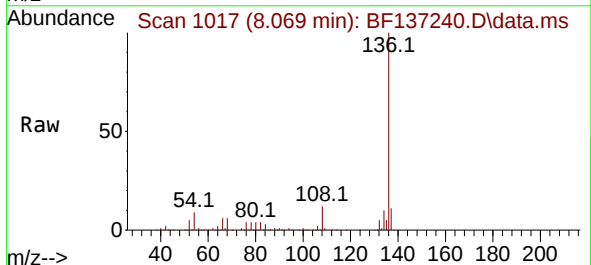
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.1 7.8 11.8

68 5.5 4.5 6.7





#23

Nitrobenzene-d5

Concen: 62.865 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF137240.D

Acq: 01 Feb 2024 19:24

Instrument :

BNA_F

ClientSampleId :

TP-4

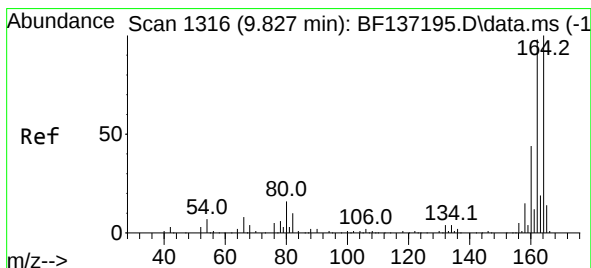
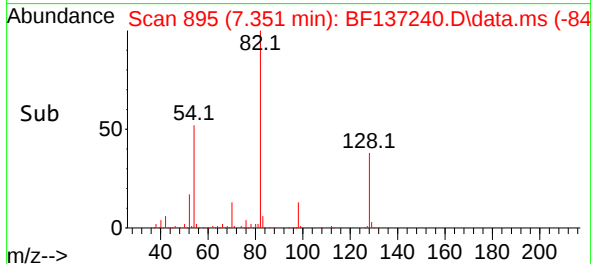
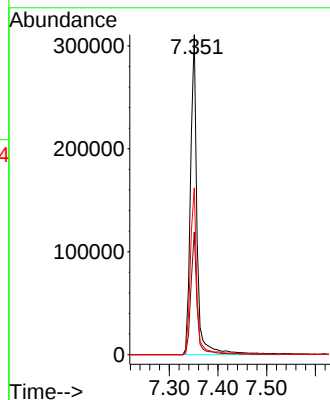
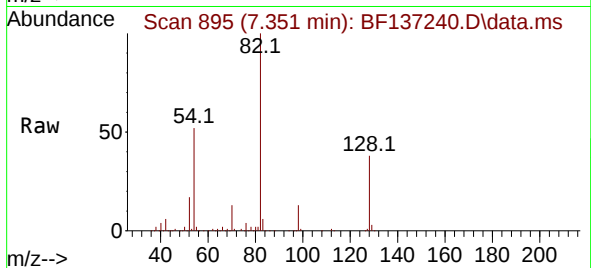
Tgt Ion: 82 Resp: 291022

Ion Ratio Lower Upper

82 100

128 38.3 29.1 43.7

54 52.2 45.0 67.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

Delta R.T. -0.005 min

Lab File: BF137240.D

Acq: 01 Feb 2024 19:24

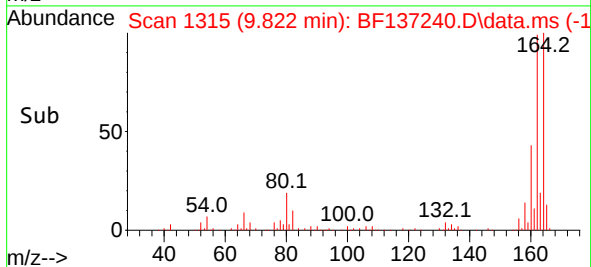
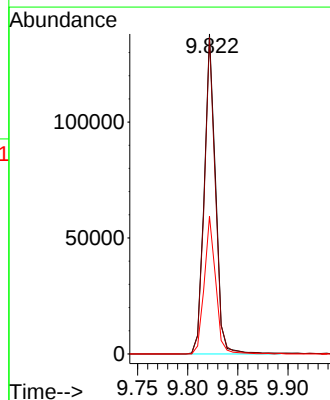
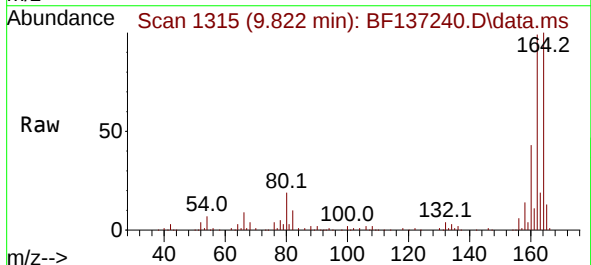
Tgt Ion:164 Resp: 108796

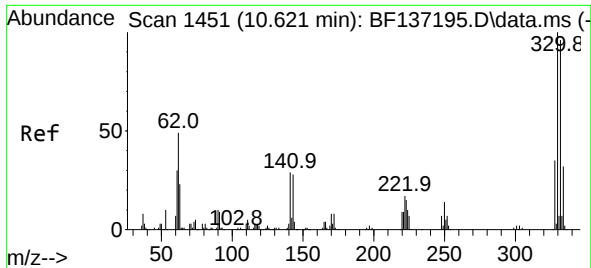
Ion Ratio Lower Upper

164 100

162 99.0 78.3 117.5

160 43.0 35.4 53.2

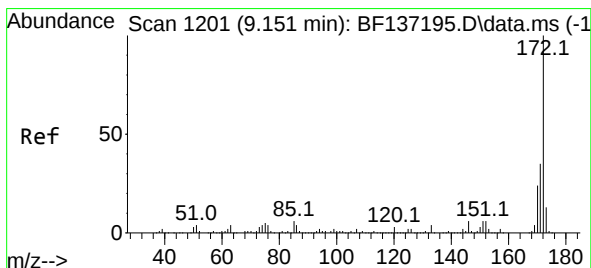
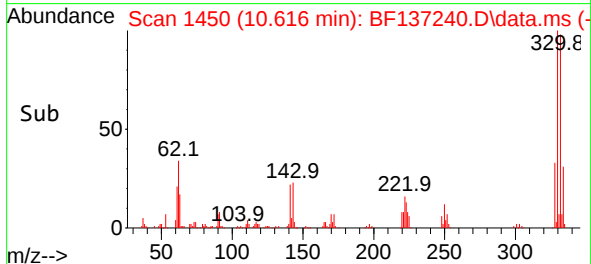
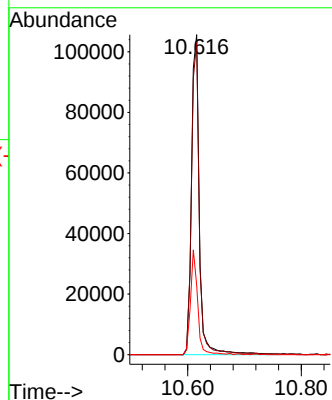
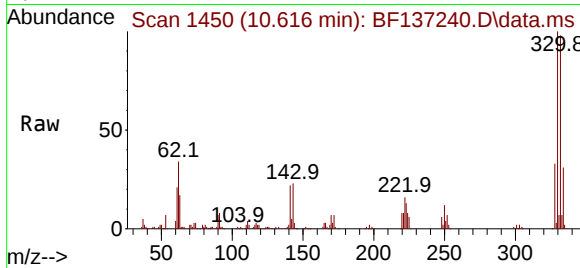




#42
2,4,6-Tribromophenol
Concen: 82.222 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137240.D
Acq: 01 Feb 2024 19:24

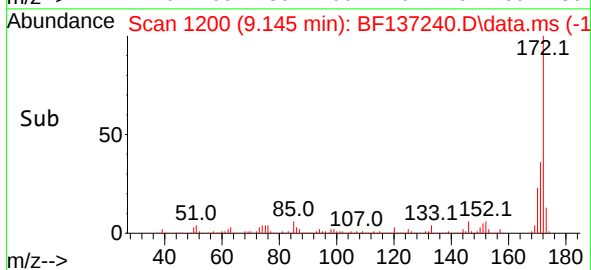
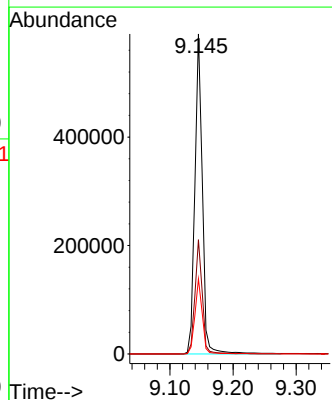
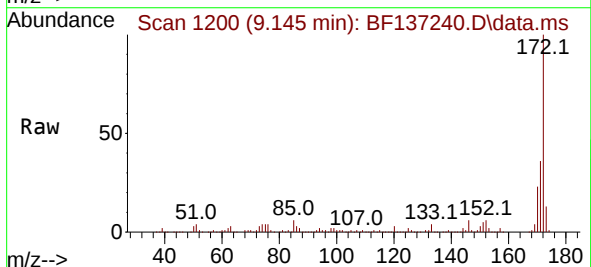
Instrument :
BNA_F
ClientSampleId :
TP-4

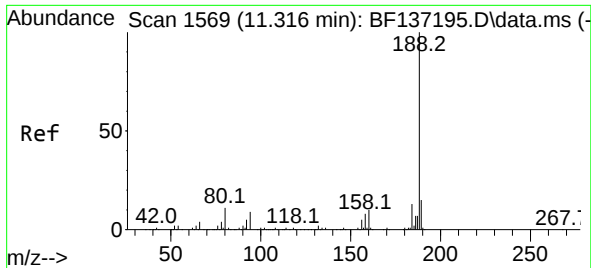
Tgt Ion:330 Resp: 101026
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 29.7 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 61.865 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF137240.D
Acq: 01 Feb 2024 19:24

Tgt Ion:172 Resp: 489623
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.5 19.1 28.7

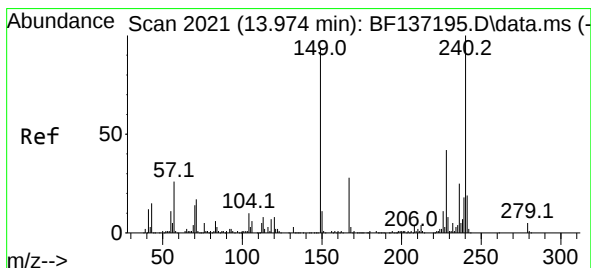
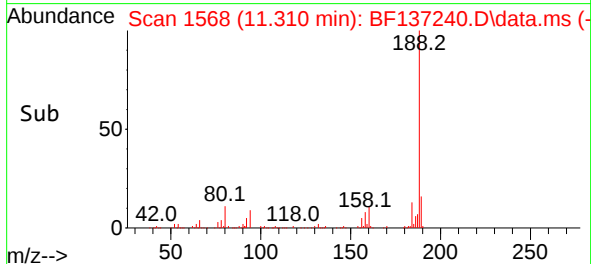
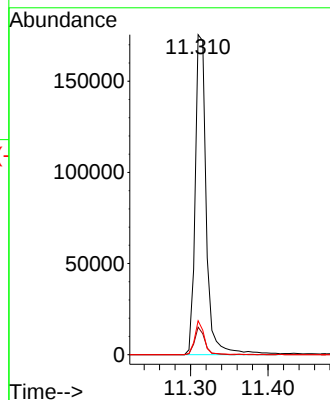
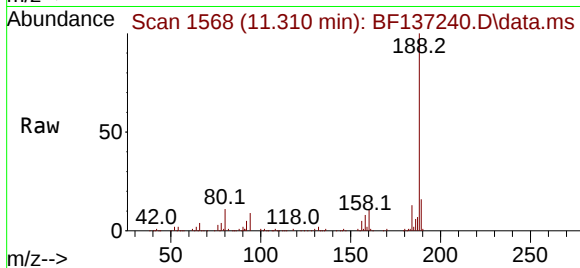




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137240.D
Acq: 01 Feb 2024 19:24

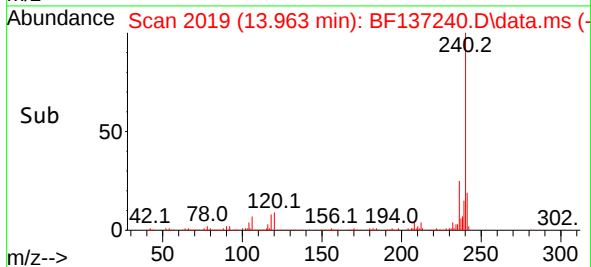
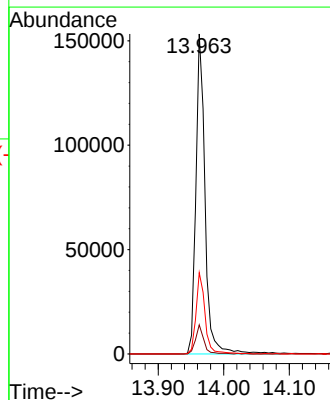
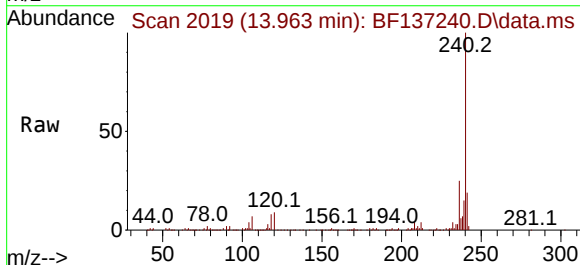
Instrument :
BNA_F
ClientSampleId :
TP-4

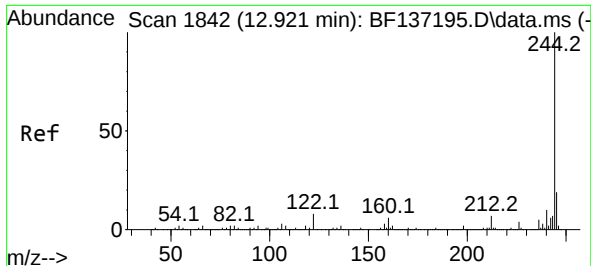
Tgt Ion:188 Resp: 175047
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 10.6 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.012 min
Lab File: BF137240.D
Acq: 01 Feb 2024 19:24

Tgt Ion:240 Resp: 150075
Ion Ratio Lower Upper
240 100
120 9.1 6.3 9.5
236 25.4 20.3 30.5





#79

Terphenyl-d14

Concen: 41.388 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.012 min

Lab File: BF137240.D

Acq: 01 Feb 2024 19:24

Instrument :

BNA_F

ClientSampleId :

TP-4

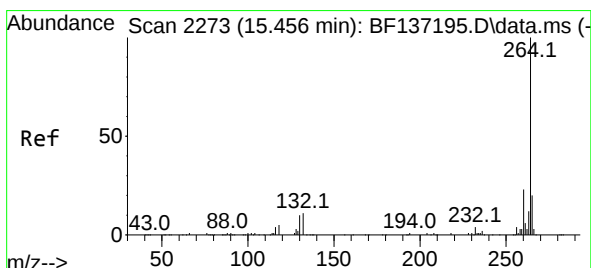
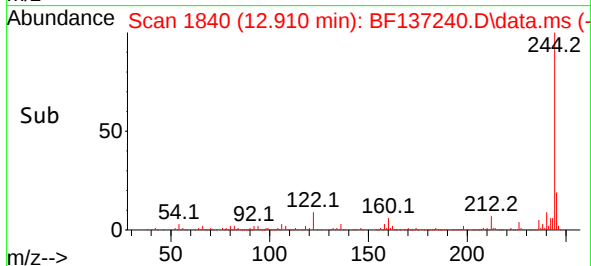
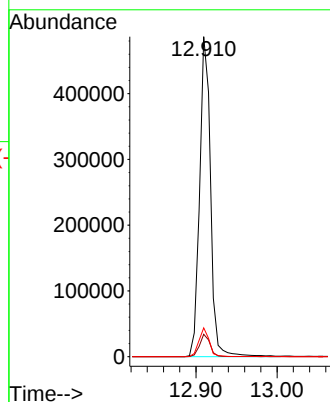
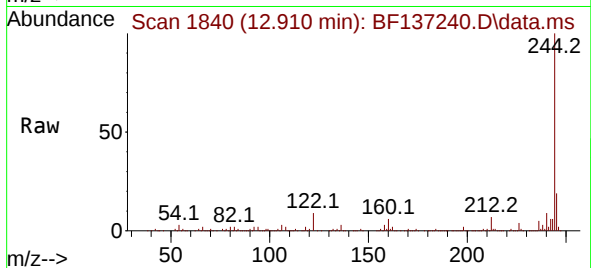
Tgt Ion:244 Resp: 456904

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 9.0 6.2 9.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF137240.D

Acq: 01 Feb 2024 19:24

Tgt Ion:264 Resp: 132158

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.4

265 20.8 16.2 24.2

