

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
 Data File : BF137484.D
 Acq On : 04 Mar 2024 16:49
 Operator : CG\JU
 Sample : P1669-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11

Quant Time: Mar 04 17:16:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 00:26:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	217561	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	862792	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	484670	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	814151	20.000	ng	0.00
76) Chrysene-d12	14.039	240	428899	20.000	ng	-0.01
86) Perylene-d12	15.568	264	449808	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1153524	80.302	ng	0.00
7) Phenol-d6	6.498	99	1586387	76.507	ng	0.00
23) Nitrobenzene-d5	7.416	82	945299	50.907	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	312278	73.369	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1571451	50.754	ng	0.00
79) Terphenyl-d14	12.986	244	1483491	47.563	ng	0.00

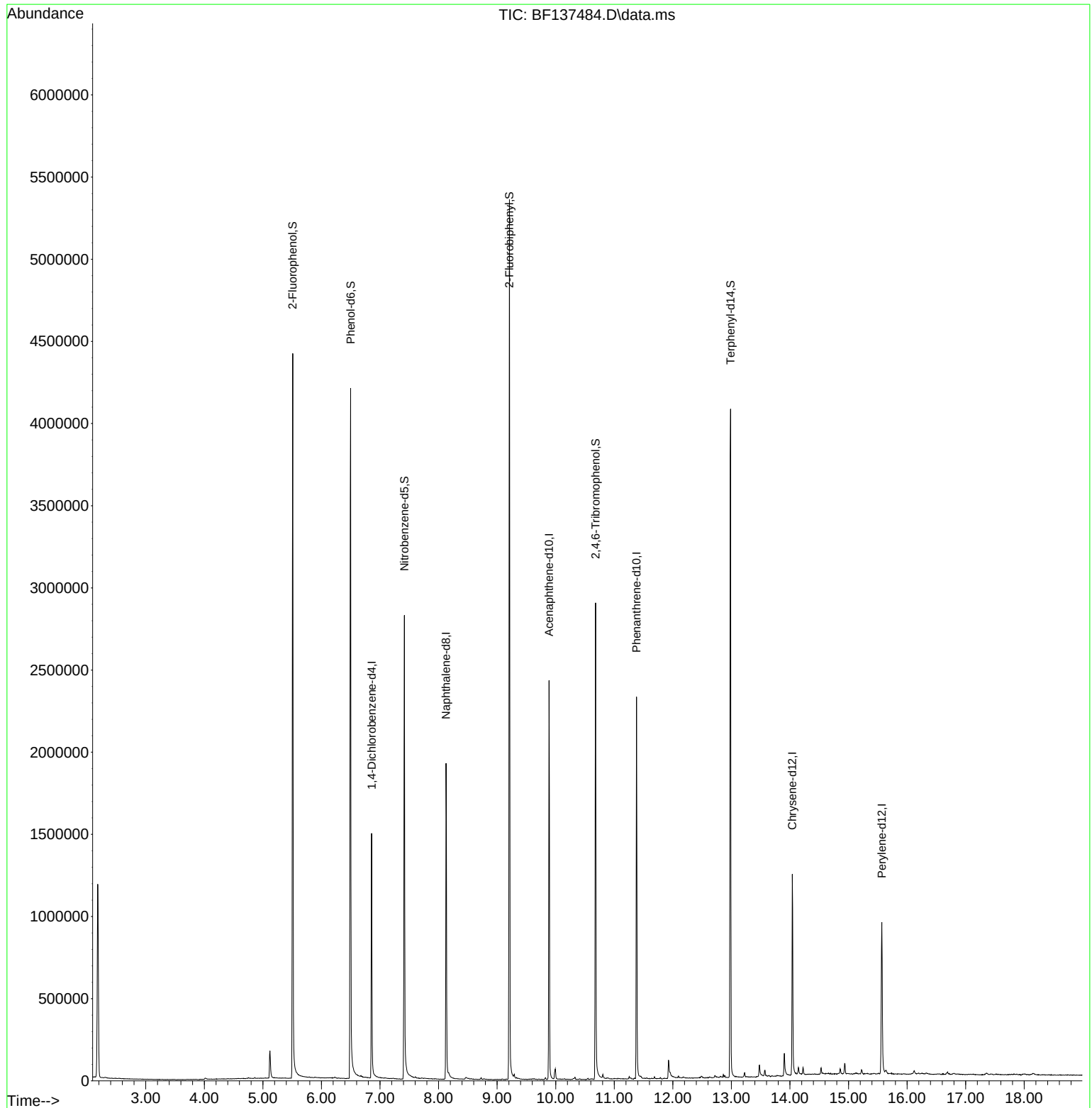
Target Compounds	Qvalue

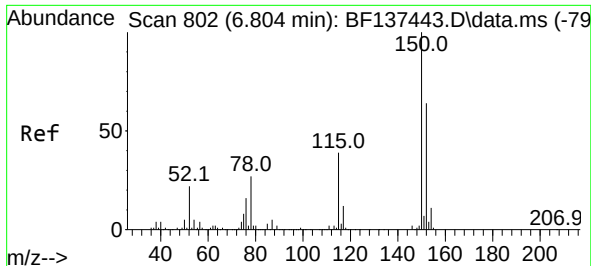
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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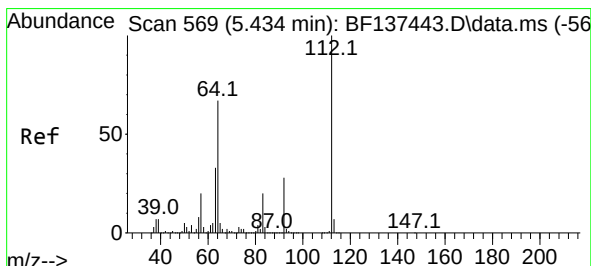
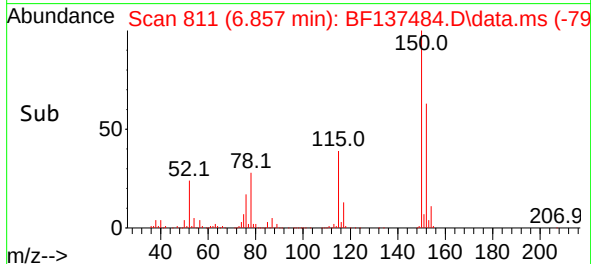
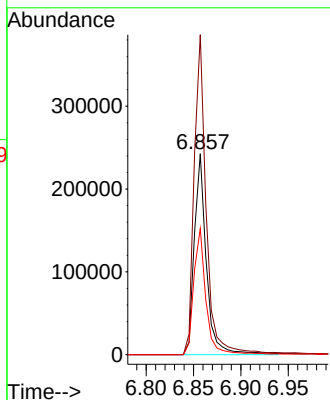
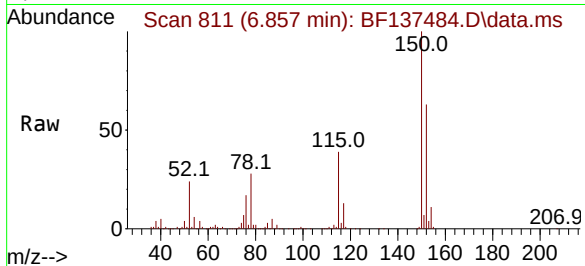




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 811
 Delta R.T. -0.006 min
 Lab File: BF137484.D
 Acq: 04 Mar 2024 16:49

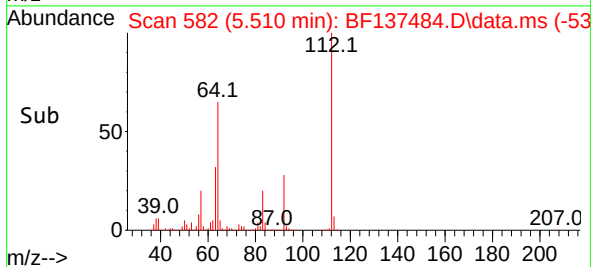
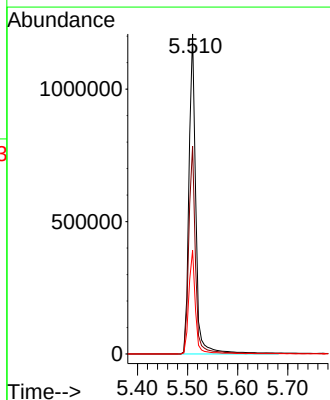
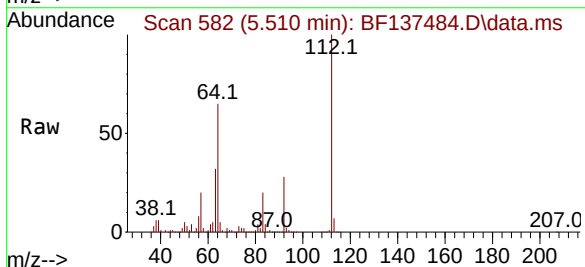
Instrument :
 BNA_F
 ClientSampleId :
 TP-11

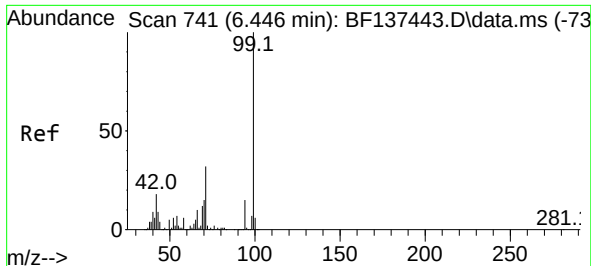
Tgt Ion:152 Resp: 217561
 Ion Ratio Lower Upper
 152 100
 150 159.2 125.8 188.6
 115 62.7 48.8 73.2



#5
 2-Fluorophenol
 Concen: 80.302 ng
 RT: 5.510 min Scan# 582
 Delta R.T. 0.000 min
 Lab File: BF137484.D
 Acq: 04 Mar 2024 16:49

Tgt Ion:112 Resp: 1153524
 Ion Ratio Lower Upper
 112 100
 64 64.9 53.4 80.2
 63 32.4 26.2 39.2

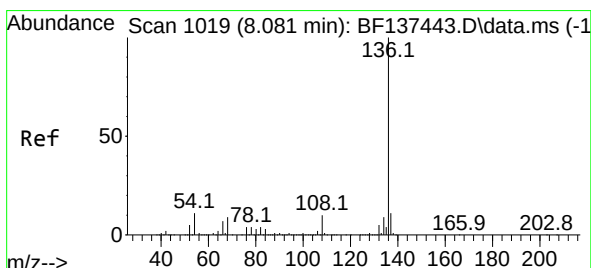
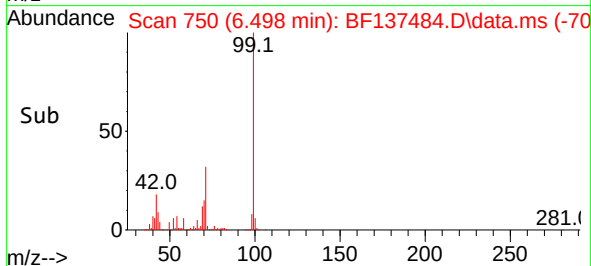
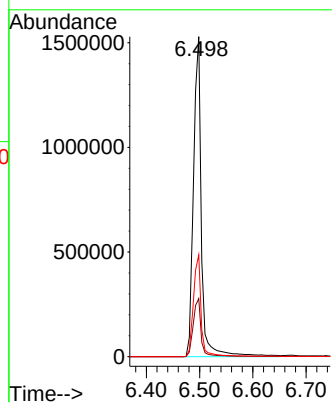
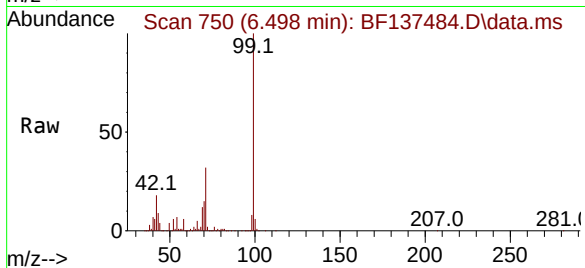




#7
Phenol-d6
Concen: 76.507 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137484.D
Acq: 04 Mar 2024 16:49

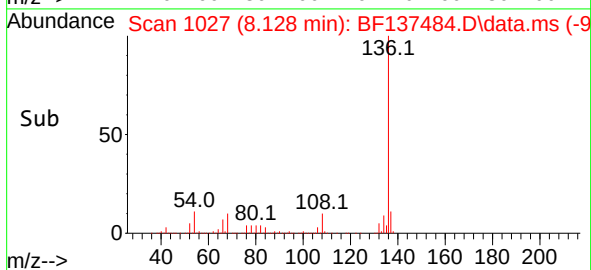
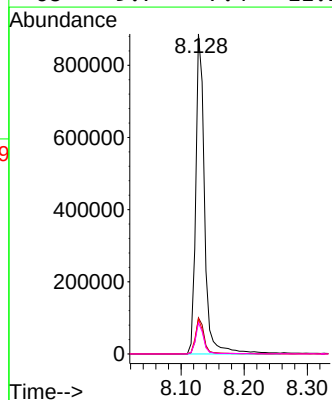
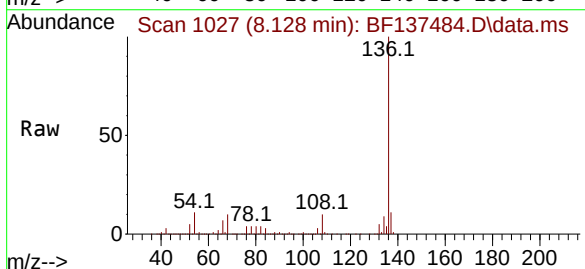
Instrument :
BNA_F
ClientSampleId :
TP-11

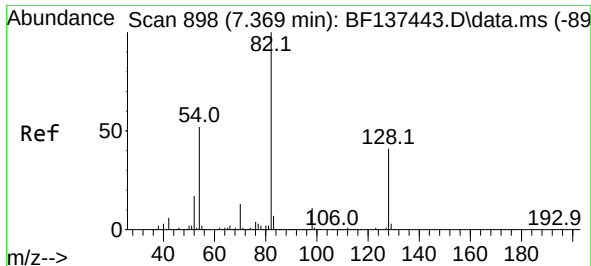
Tgt Ion: 99 Resp: 1586387
Ion Ratio Lower Upper
99 100
42 18.1 14.6 21.8
71 31.8 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF137484.D
Acq: 04 Mar 2024 16:49

Tgt Ion: 136 Resp: 862792
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 11.0 8.5 12.7
68 9.7 7.4 11.2





#23

Nitrobenzene-d5

Concen: 50.907 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF137484.D

Acq: 04 Mar 2024 16:49

Instrument :

BNA_F

ClientSampleId :

TP-11

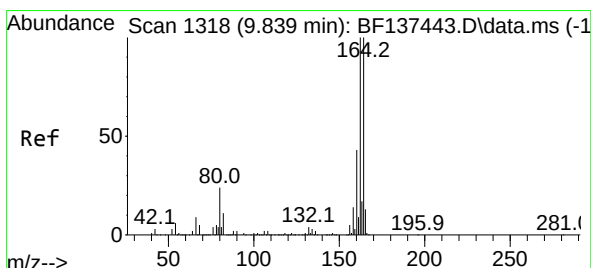
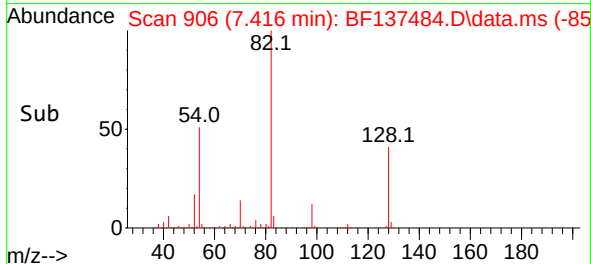
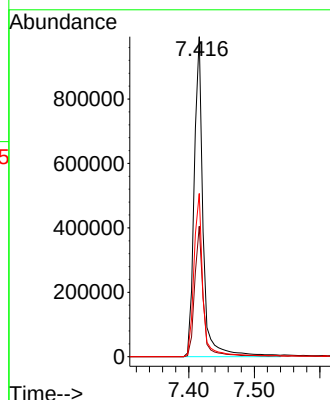
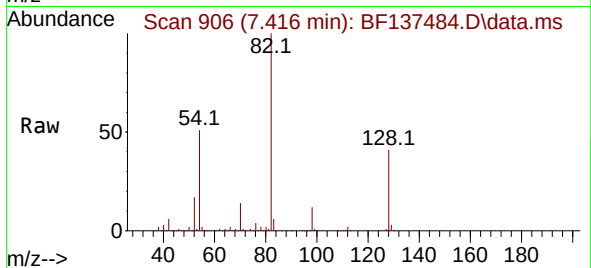
Tgt Ion: 82 Resp: 945299

Ion Ratio Lower Upper

82 100

128 40.7 32.5 48.7

54 51.0 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF137484.D

Acq: 04 Mar 2024 16:49

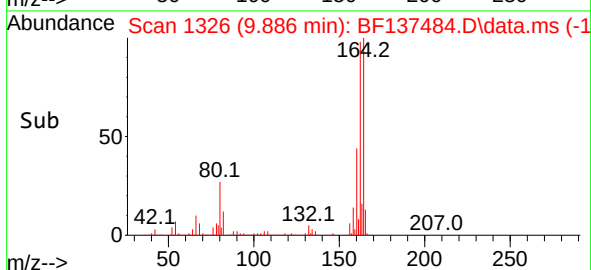
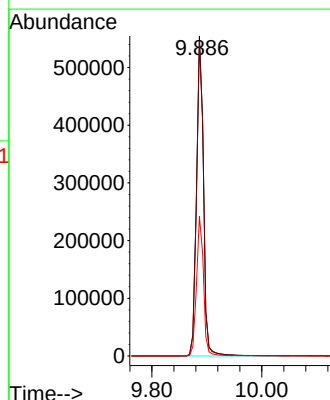
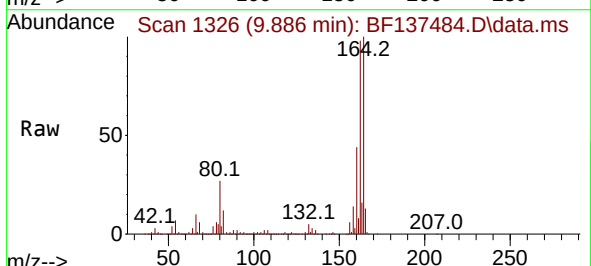
Tgt Ion: 164 Resp: 484670

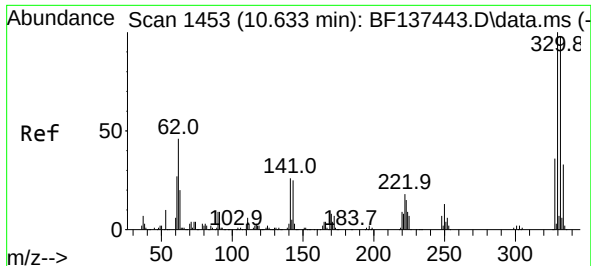
Ion Ratio Lower Upper

164 100

162 98.3 79.8 119.8

160 43.6 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 73.369 ng

RT: 10.680 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF137484.D

Acq: 04 Mar 2024 16:49

Instrument :

BNA_F

ClientSampleId :

TP-11

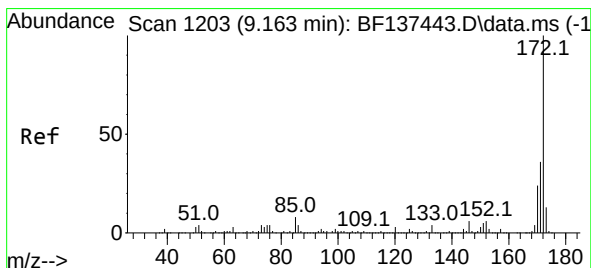
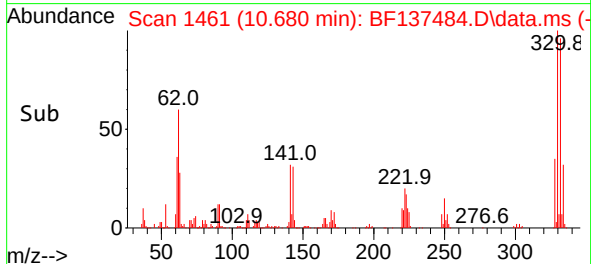
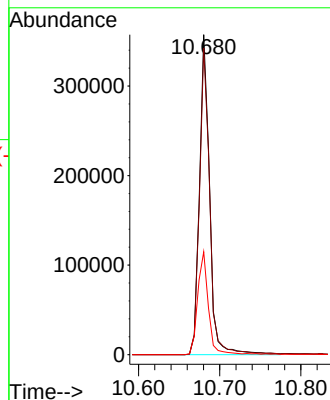
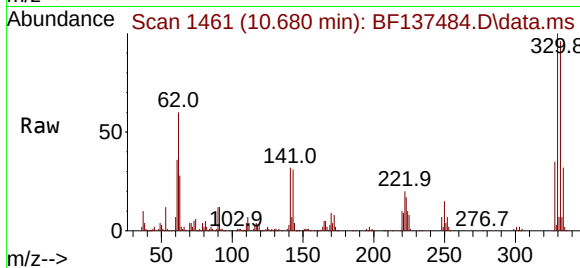
Tgt Ion:330 Resp: 312278

Ion Ratio Lower Upper

330 100

332 98.4 78.0 117.0

141 34.6 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 50.754 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF137484.D

Acq: 04 Mar 2024 16:49

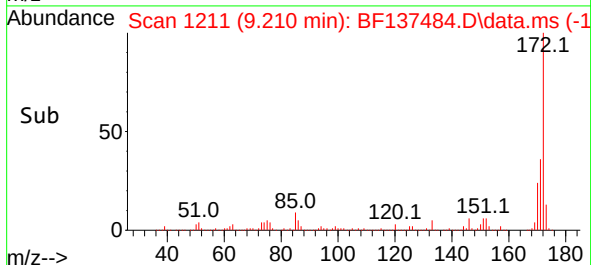
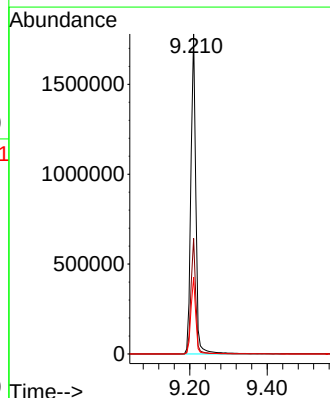
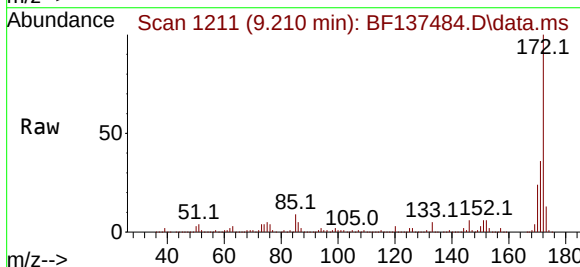
Tgt Ion:172 Resp: 1571451

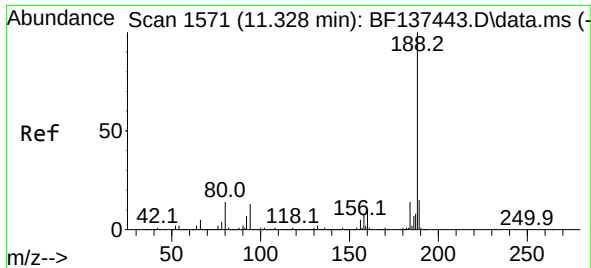
Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 23.9 19.0 28.6

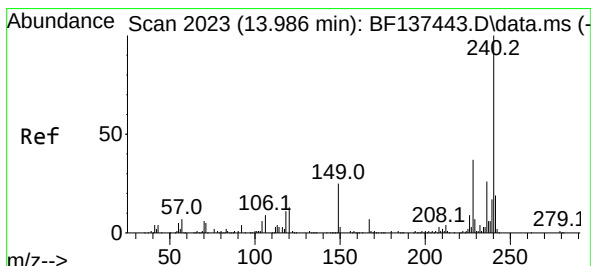
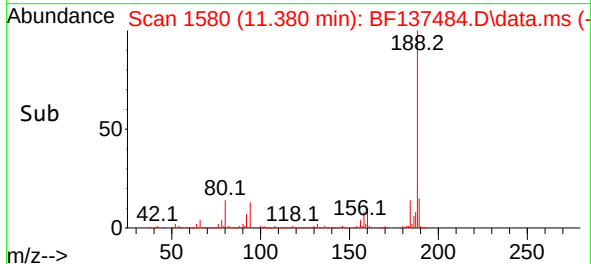
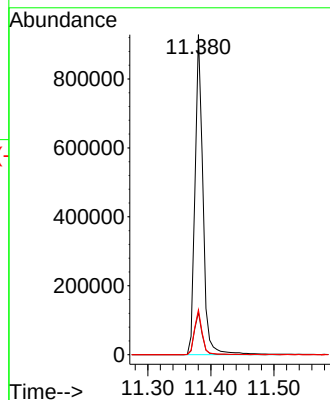
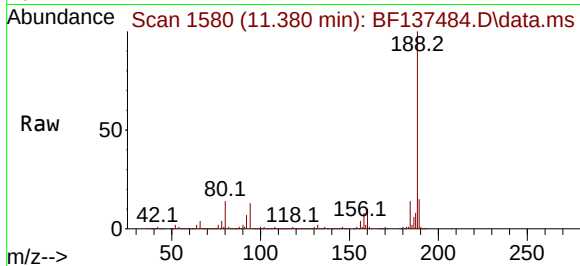




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137484.D
Acq: 04 Mar 2024 16:49

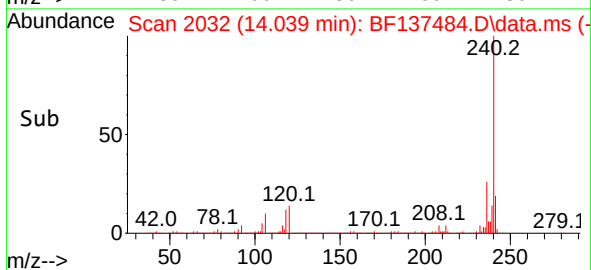
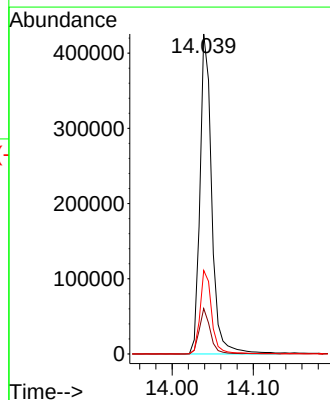
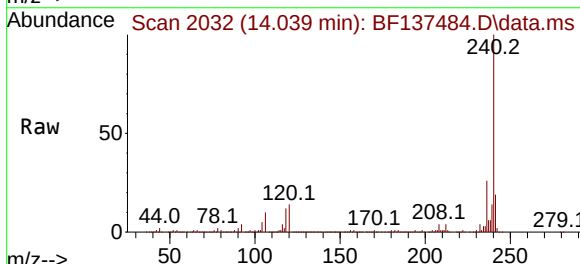
Instrument :
BNA_F
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TP-11

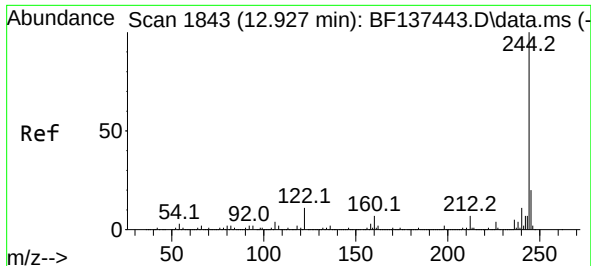
Tgt Ion:188 Resp: 814151
Ion Ratio Lower Upper
188 100
94 13.2 10.6 15.8
80 14.0 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF137484.D
Acq: 04 Mar 2024 16:49

Tgt Ion:240 Resp: 428899
Ion Ratio Lower Upper
240 100
120 14.2 10.4 15.6
236 26.1 20.9 31.3

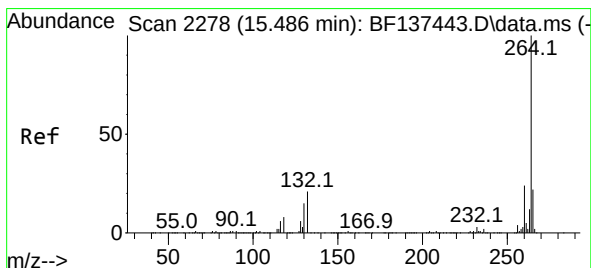
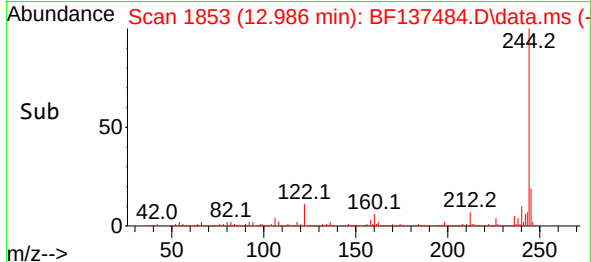
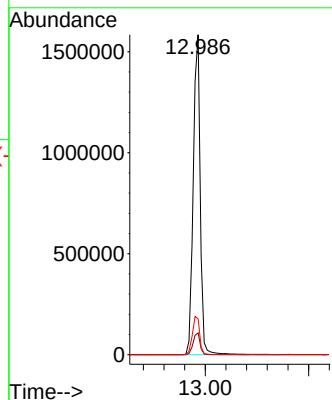
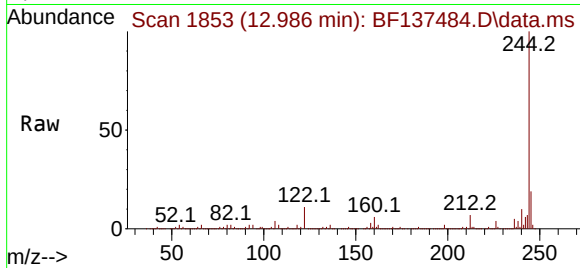




#79
 Terphenyl-d14
 Concen: 47.563 ng
 RT: 12.986 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF137484.D
 Acq: 04 Mar 2024 16:49

Instrument :
 BNA_F
 ClientSampleId :
 TP-11

Tgt Ion:244 Resp: 1483491
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.2 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.000 min
 Lab File: BF137484.D
 Acq: 04 Mar 2024 16:49

Tgt Ion:264 Resp: 449808
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.1 17.4 26.0

