

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
 Data File : BF137465.D
 Acq On : 01 Mar 2024 18:14
 Operator : CG\JU
 Sample : P1602-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Quant Time: Mar 01 23:12:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 12:53:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	170315	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	663601	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	341360	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	502577	20.000	ng	0.00
76) Chrysene-d12	14.057	240	358673	20.000	ng	-0.01
86) Perylene-d12	15.592	264	271995	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1436326	127.726	ng	0.00
7) Phenol-d6	6.516	99	1796147	110.653	ng	-0.01
23) Nitrobenzene-d5	7.434	82	1224671	85.749	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	355958	118.742	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1969133	90.298	ng	0.00
79) Terphenyl-d14	13.004	244	1852035	71.005	ng	0.00

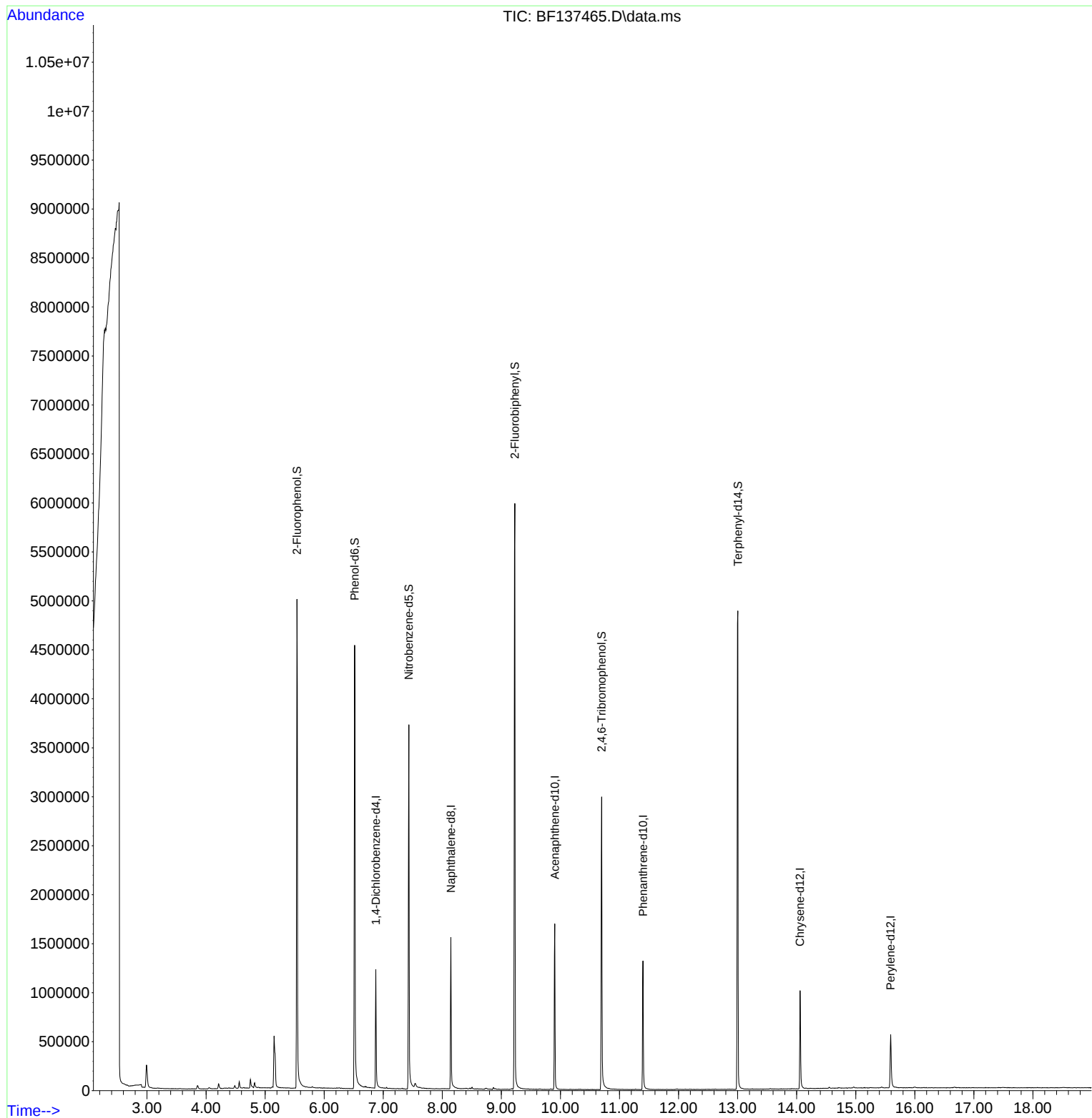
Target Compounds	Qvalue

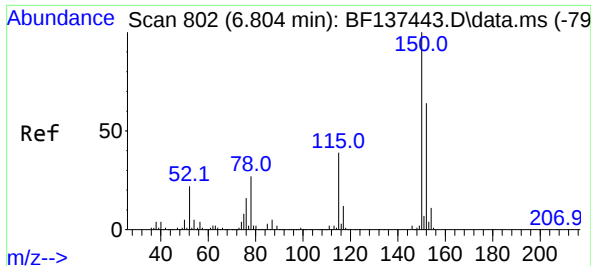
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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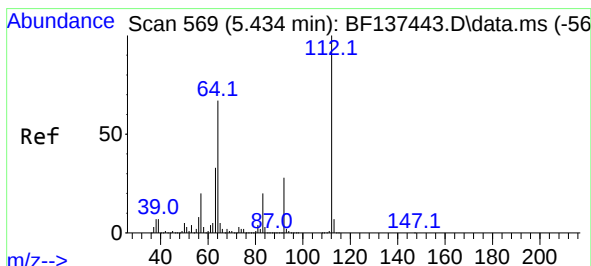
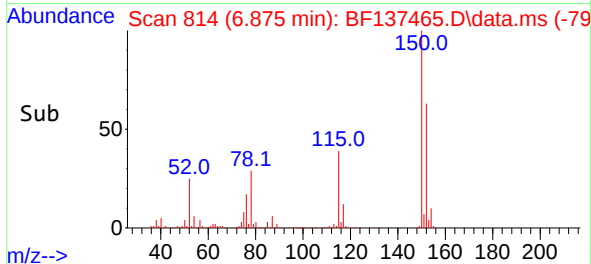
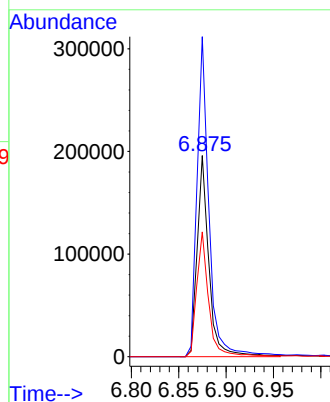
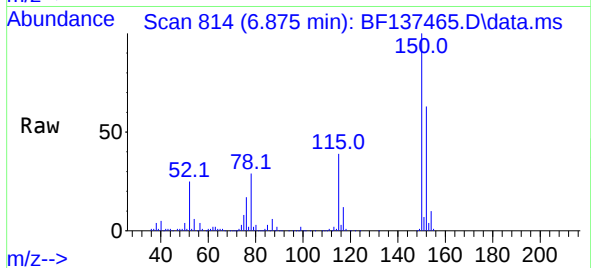




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

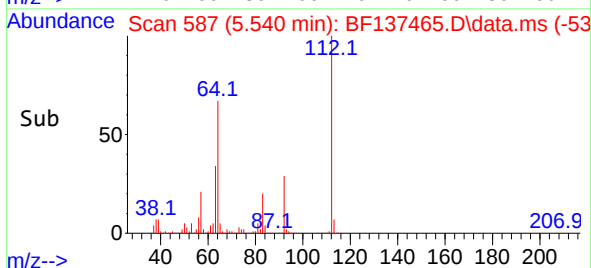
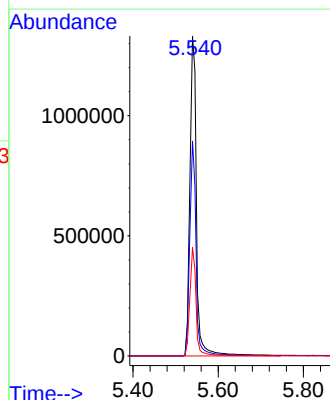
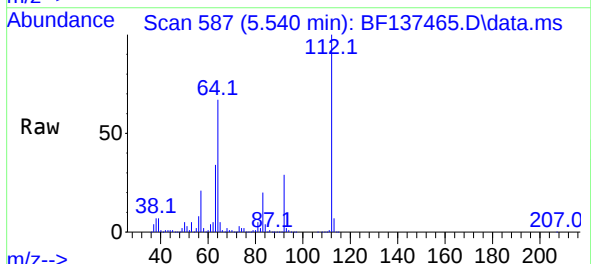
Instrument :
BNA_F
ClientSampleId :
WC-4

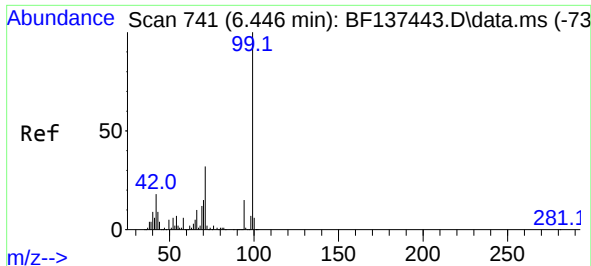
Tgt Ion:152 Resp: 170315
Ion Ratio Lower Upper
152 100
150 159.1 125.8 188.6
115 62.0 48.8 73.2



#5
2-Fluorophenol
Concen: 127.726 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.006 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

Tgt Ion:112 Resp: 1436326
Ion Ratio Lower Upper
112 100
64 67.2 53.4 80.2
63 33.9 26.2 39.2

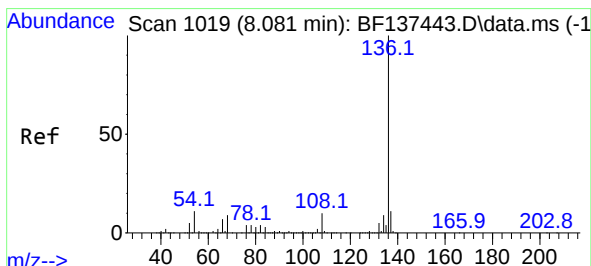
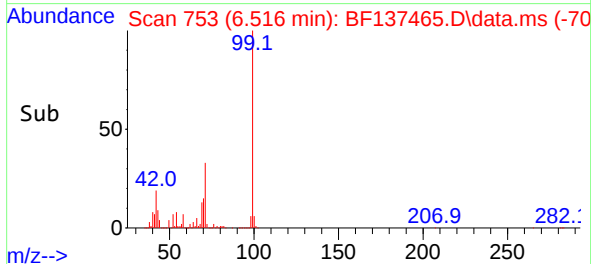
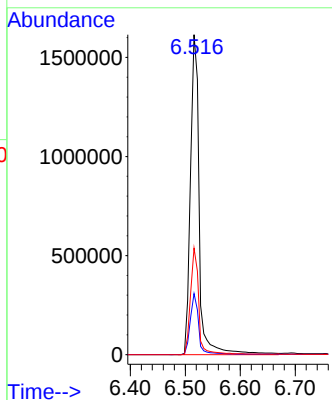
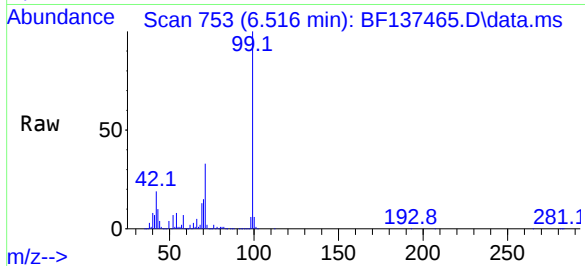




#7
Phenol-d6
Concen: 110.653 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

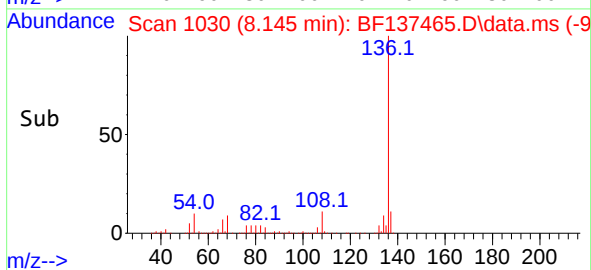
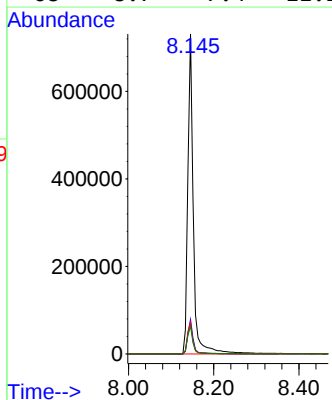
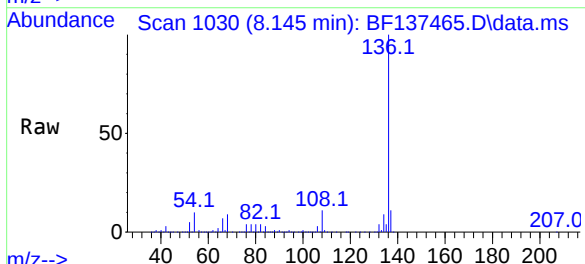
Instrument :
BNA_F
ClientSampleId :
WC-4

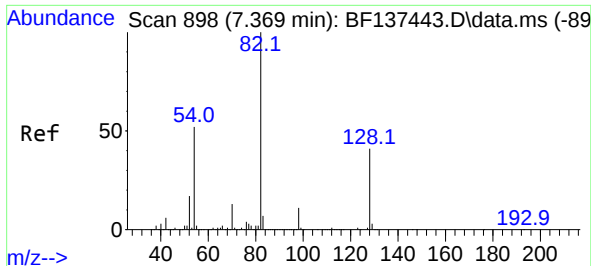
Tgt Ion: 99 Resp: 1796147
Ion Ratio Lower Upper
99 100
42 19.1 14.6 21.8
71 33.3 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

Tgt Ion: 136 Resp: 663601
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 10.0 8.5 12.7
68 8.7 7.4 11.2

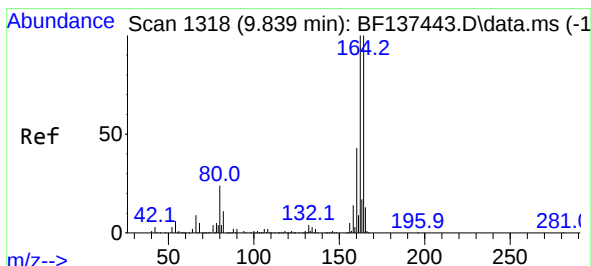
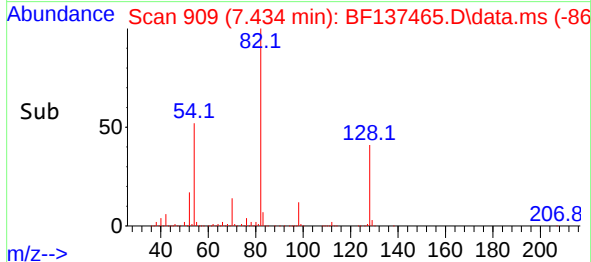
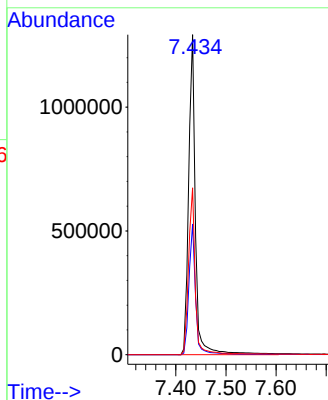
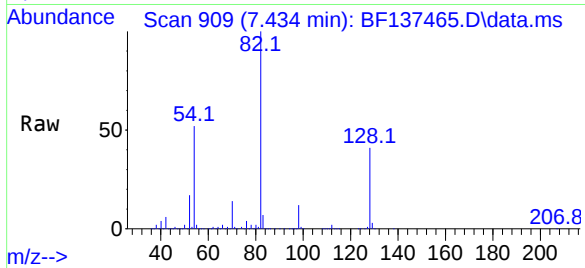




#23
Nitrobenzene-d5
Concen: 85.749 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

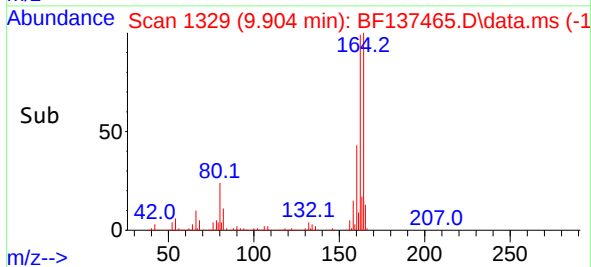
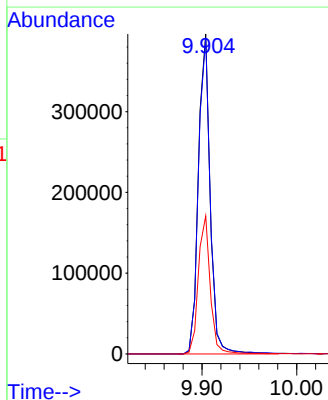
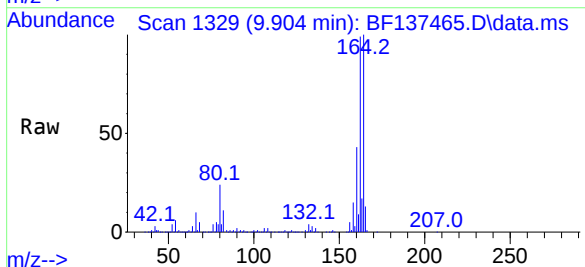
Instrument :
BNA_F
ClientSampleId :
WC-4

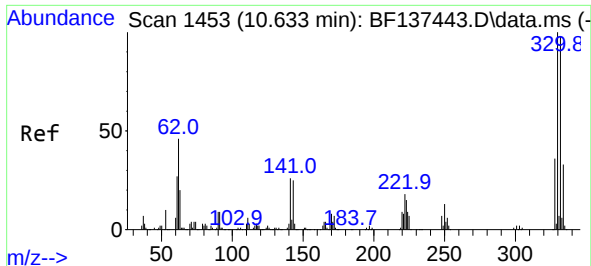
Tgt Ion: 82 Resp: 1224671
Ion Ratio Lower Upper
82 100
128 40.9 32.5 48.7
54 52.1 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

Tgt Ion: 164 Resp: 341360
Ion Ratio Lower Upper
164 100
162 98.8 79.8 119.8
160 43.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 118.742 ng

RT: 10.698 min Scan# 1453

Delta R.T. -0.012 min

Lab File: BF137465.D

Acq: 01 Mar 2024 18:14

Instrument :

BNA_F

ClientSampleId :

WC-4

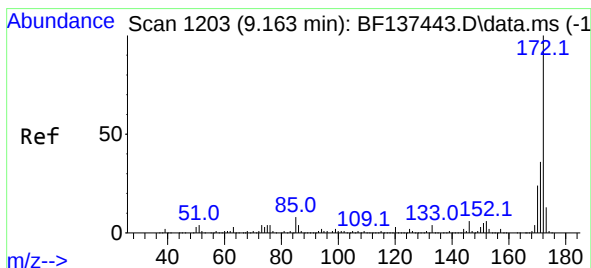
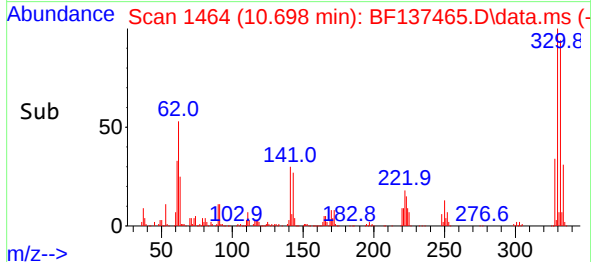
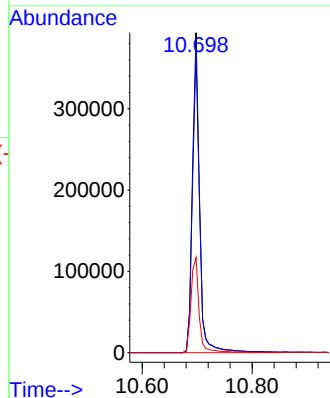
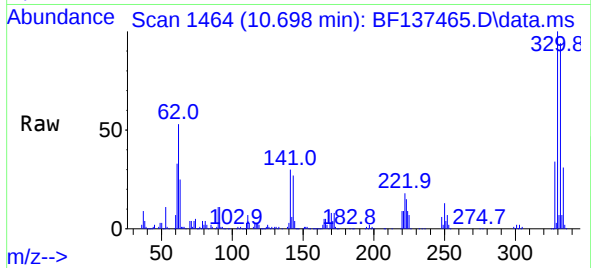
Tgt Ion:330 Resp: 355958

Ion Ratio Lower Upper

330 100

332 93.8 78.0 117.0

141 33.7 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 90.298 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF137465.D

Acq: 01 Mar 2024 18:14

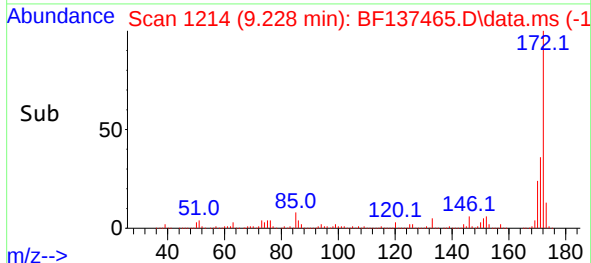
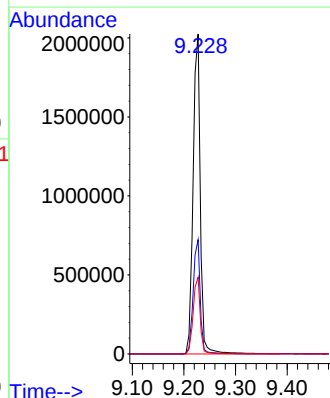
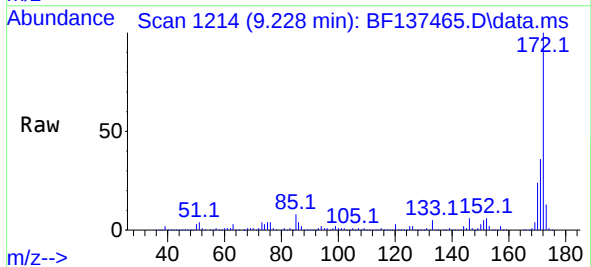
Tgt Ion:172 Resp: 1969133

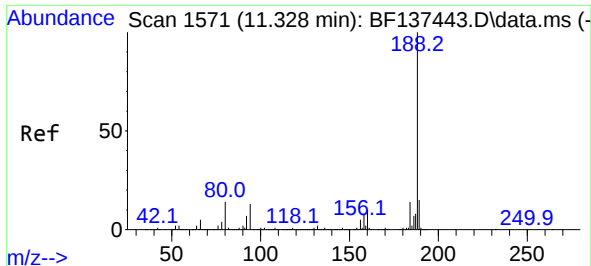
Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 24.0 19.0 28.6

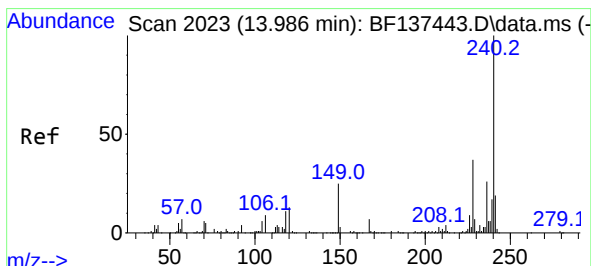
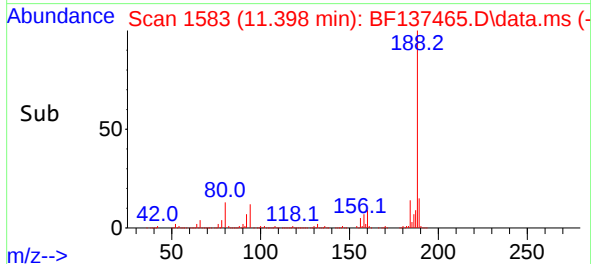
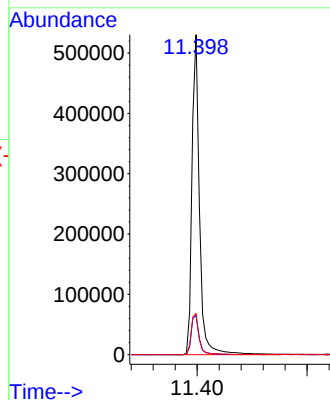
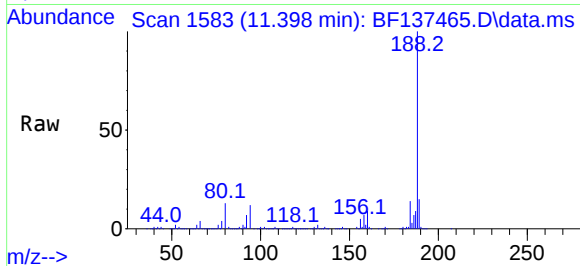




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

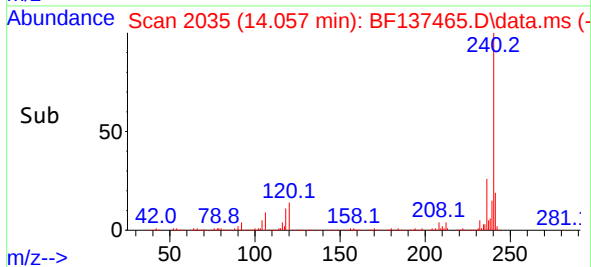
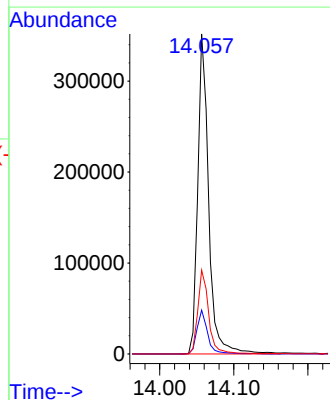
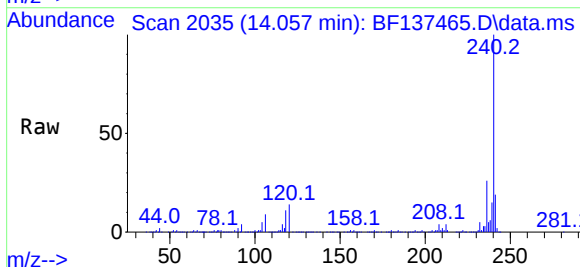
Instrument :
BNA_F
ClientSampleId :
WC-4

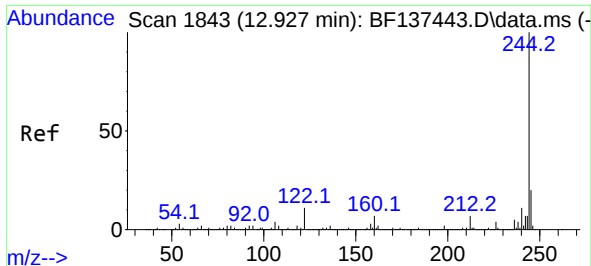
Tgt Ion:188 Resp: 502577
Ion Ratio Lower Upper
188 100
94 12.2 10.6 15.8
80 12.8 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

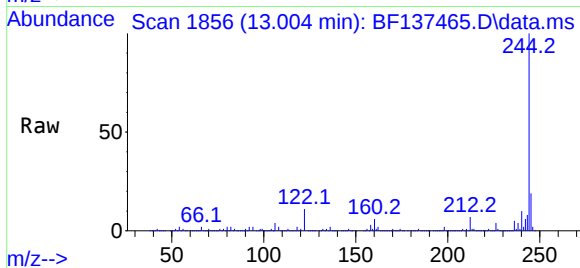
Tgt Ion:240 Resp: 358673
Ion Ratio Lower Upper
240 100
120 13.7 10.4 15.6
236 26.2 20.9 31.3



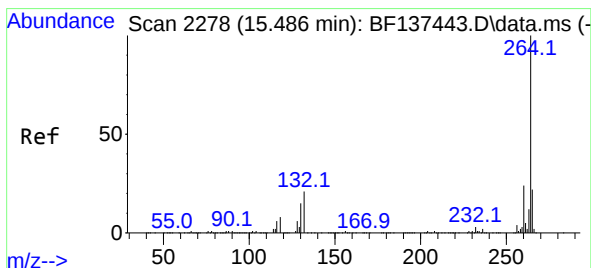
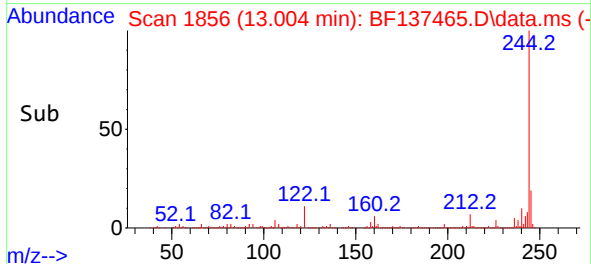
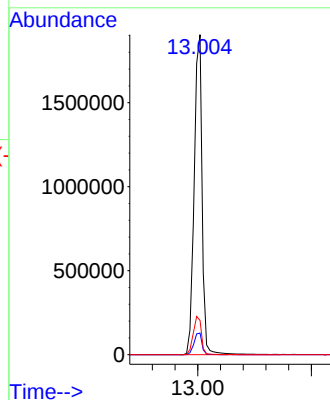


#79
Terphenyl-d14
Concen: 71.005 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

Instrument :
BNA_F
ClientSampleId :
WC-4



Tgt Ion:244 Resp: 1852035
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 10.7 9.1 13.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 2296
Delta R.T. -0.006 min
Lab File: BF137465.D
Acq: 01 Mar 2024 18:14

Tgt Ion:264 Resp: 271995
Ion Ratio Lower Upper
264 100
260 24.1 19.3 28.9
265 23.3 17.4 26.0

