

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
 Data File : BF137466.D
 Acq On : 01 Mar 2024 18:44
 Operator : CG\JU
 Sample : P1659-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16

Quant Time: Mar 01 23:12:32 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	175118	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	662446	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	338838	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	492647	20.000	ng	0.00
76) Chrysene-d12	14.057	240	383347	20.000	ng	-0.01
86) Perylene-d12	15.592	264	283960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1271869	110.000	ng	0.00
7) Phenol-d6	6.516	99	1487231	89.109	ng	-0.01
23) Nitrobenzene-d5	7.434	82	1130222	79.274	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	303429	101.973	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	1813671	83.788	ng	0.00
79) Terphenyl-d14	13.004	244	1732858	62.159	ng	0.00

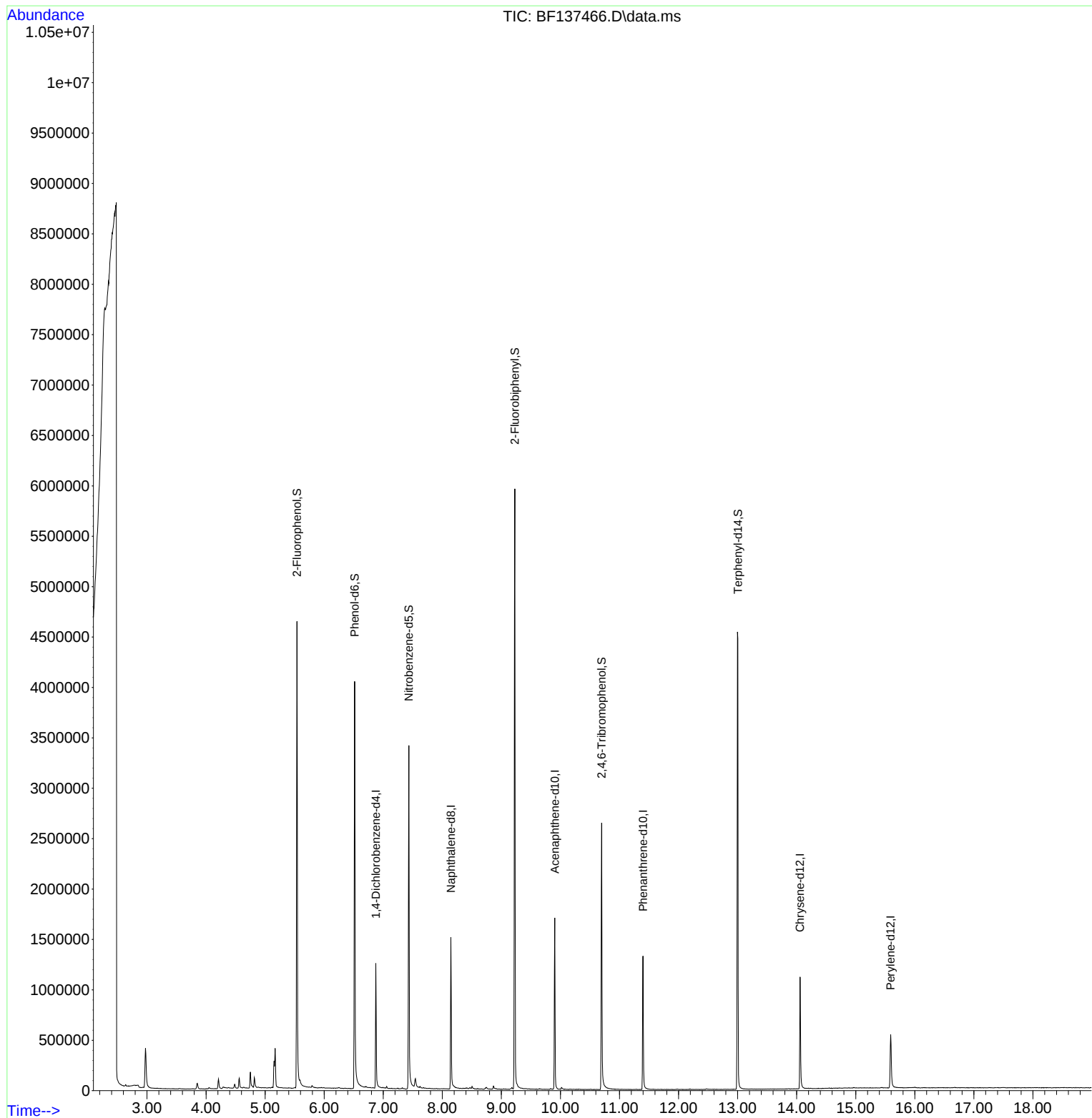
Target Compounds	Qvalue

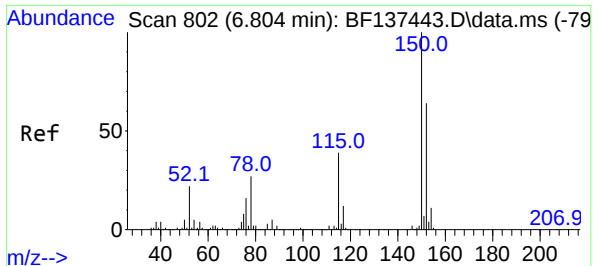
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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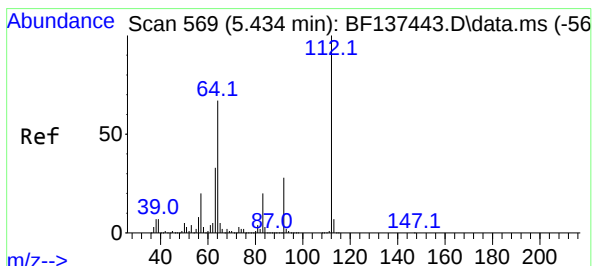
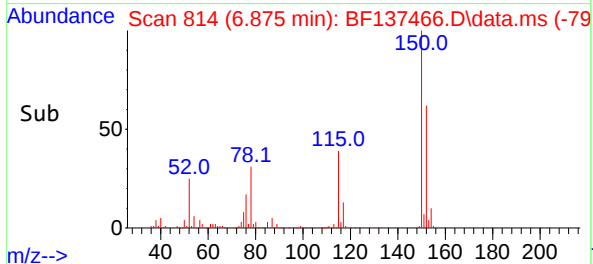
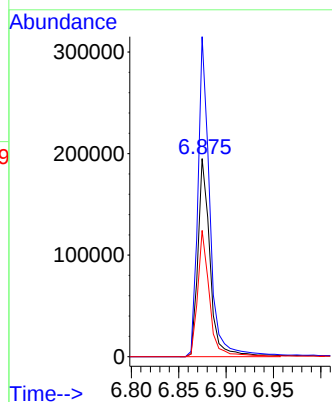
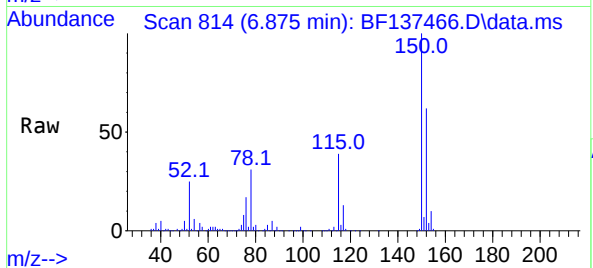




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF137466.D
Acq: 01 Mar 2024 18:44

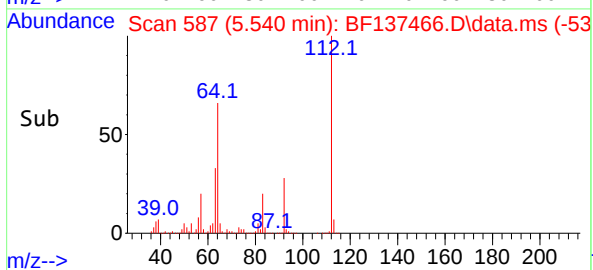
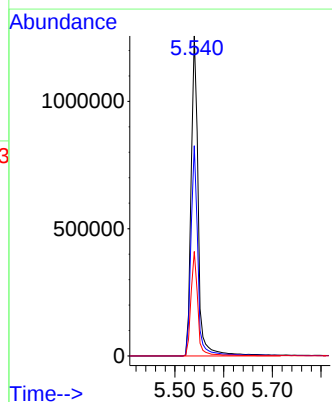
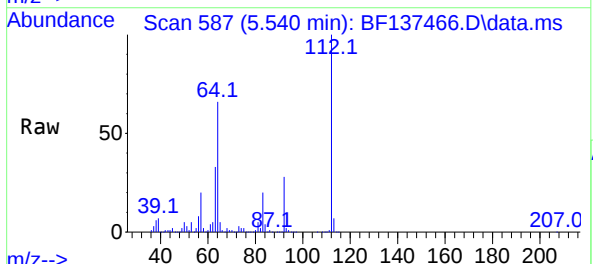
Instrument :
BNA_F
ClientSampleId :
TP-16

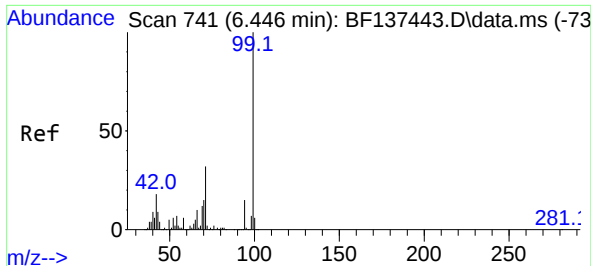
Tgt Ion:152 Resp: 175118
Ion Ratio Lower Upper
152 100
150 161.5 125.8 188.6
115 63.8 48.8 73.2



#5
2-Fluorophenol
Concen: 110.000 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.006 min
Lab File: BF137466.D
Acq: 01 Mar 2024 18:44

Tgt Ion:112 Resp: 1271869
Ion Ratio Lower Upper
112 100
64 65.7 53.4 80.2
63 32.6 26.2 39.2

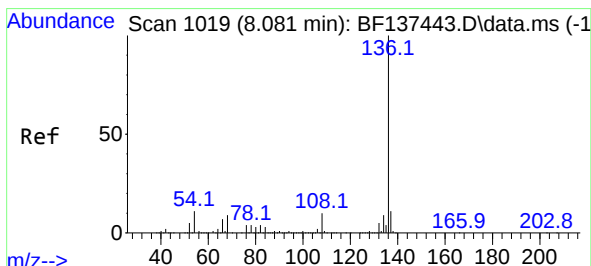
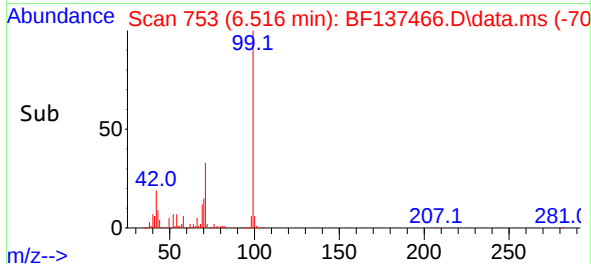
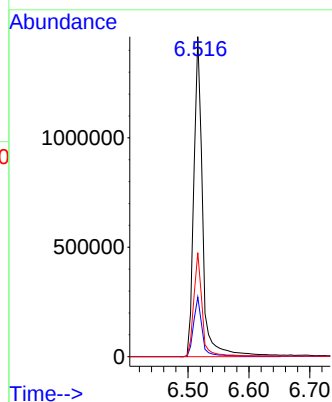
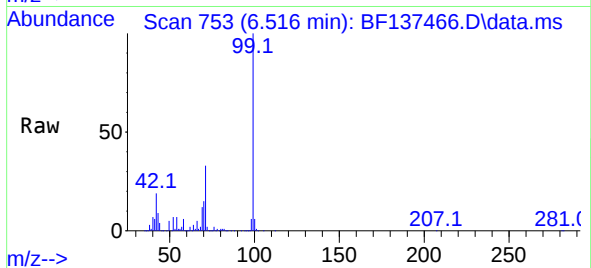




#7
Phenol-d6
Concen: 89.109 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137466.D
Acq: 01 Mar 2024 18:44

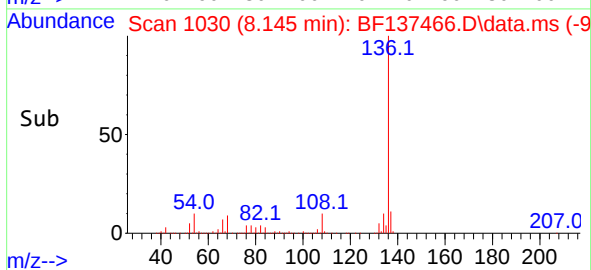
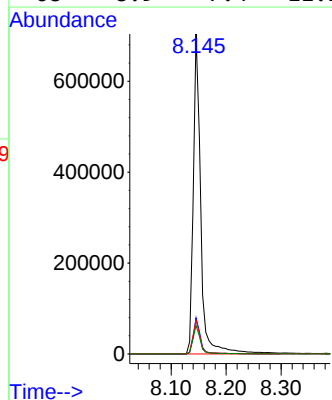
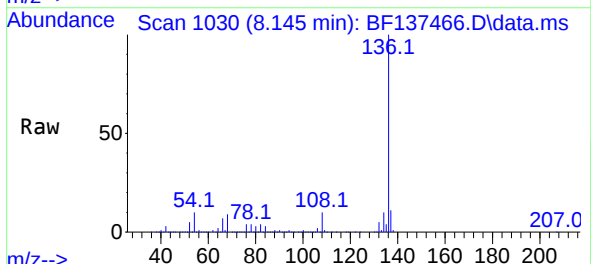
Instrument :
BNA_F
ClientSampleId :
TP-16

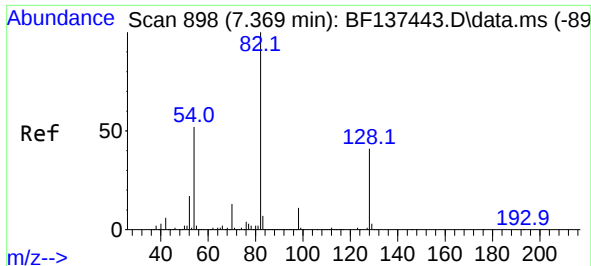
Tgt Ion: 99 Resp: 1487231
Ion Ratio Lower Upper
99 100
42 18.7 14.6 21.8
71 32.5 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF137466.D
Acq: 01 Mar 2024 18:44

Tgt Ion: 136 Resp: 662446
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.4 8.5 12.7
68 8.9 7.4 11.2





#23

Nitrobenzene-d5

Concen: 79.274 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF137466.D

Acq: 01 Mar 2024 18:44

Instrument :

BNA_F

ClientSampleId :

TP-16

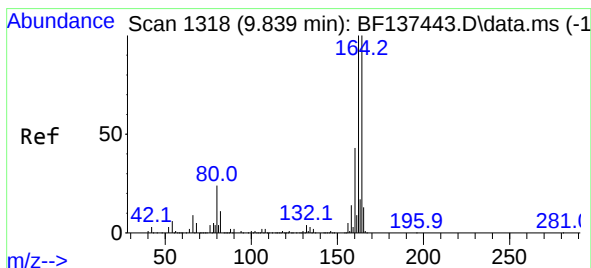
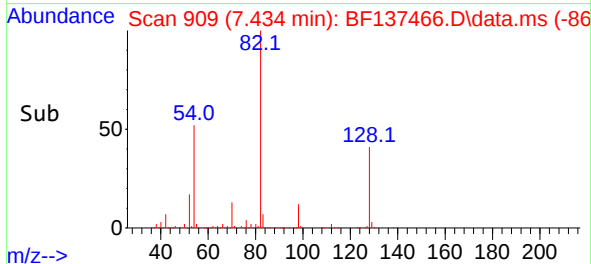
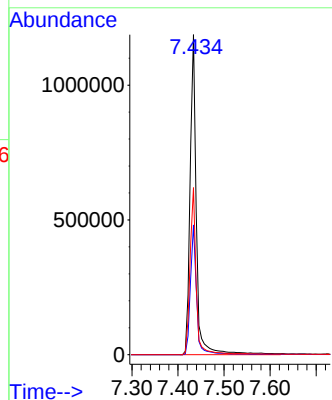
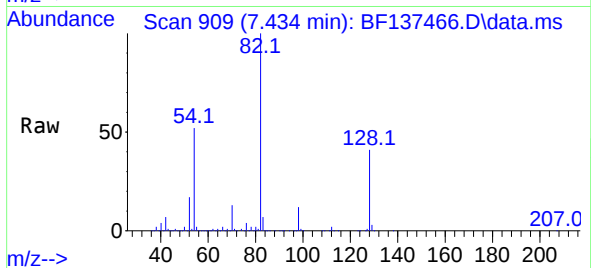
Tgt Ion: 82 Resp: 1130222

Ion Ratio Lower Upper

82 100

128 40.6 32.5 48.7

54 52.2 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: BF137466.D

Acq: 01 Mar 2024 18:44

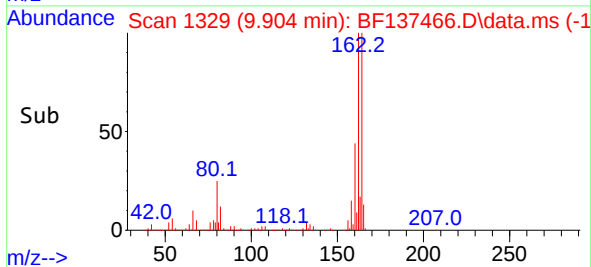
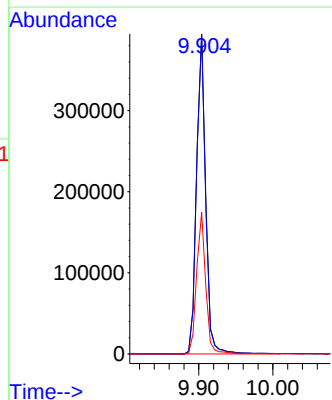
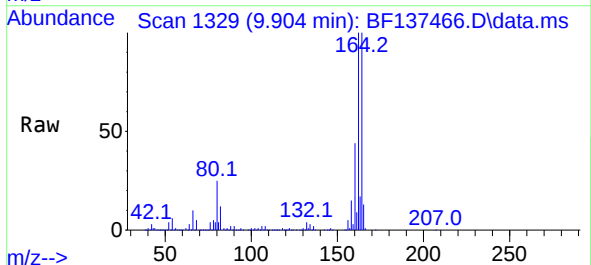
Tgt Ion:164 Resp: 338838

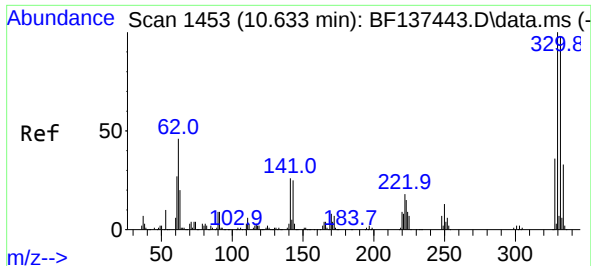
Ion Ratio Lower Upper

164 100

162 99.7 79.8 119.8

160 44.3 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 101.973 ng

RT: 10.698 min Scan# 1464

Delta R.T. -0.012 min

Lab File: BF137466.D

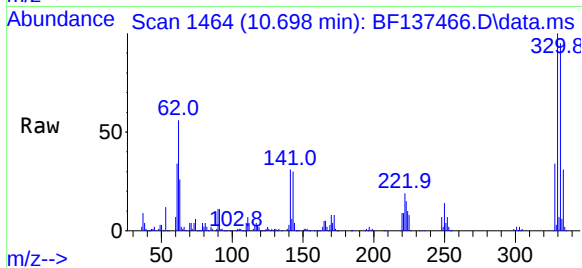
Acq: 01 Mar 2024 18:44

Instrument :

BNA_F

ClientSampleId :

TP-16



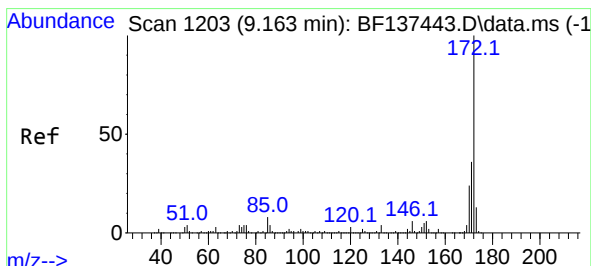
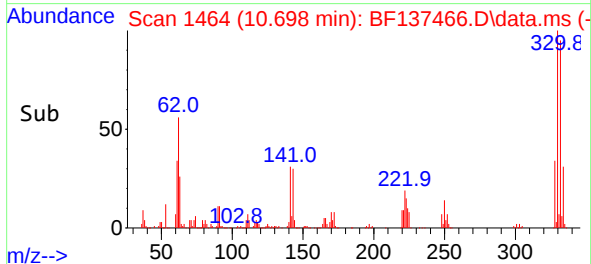
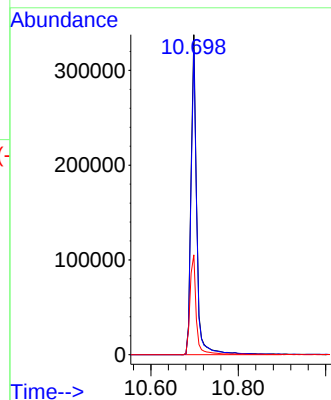
Tgt Ion:330 Resp: 303429

Ion Ratio Lower Upper

330 100

332 95.4 78.0 117.0

141 33.7 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 83.788 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF137466.D

Acq: 01 Mar 2024 18:44

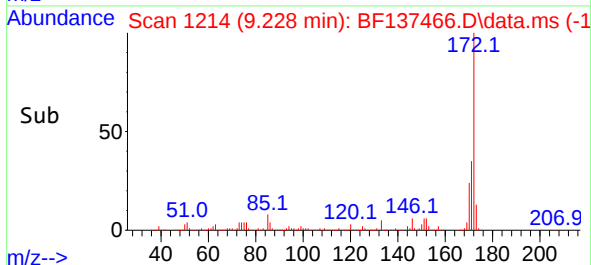
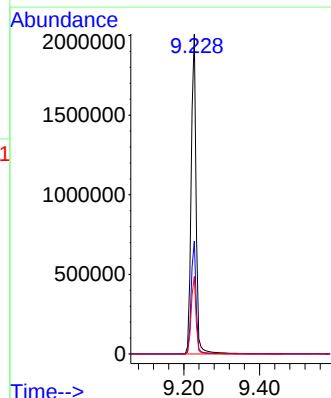
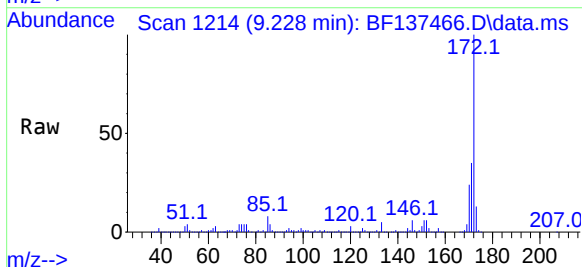
Tgt Ion:172 Resp: 1813671

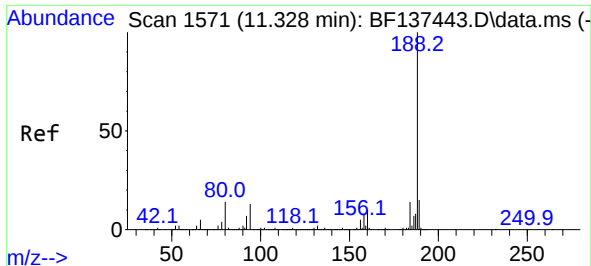
Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 24.2 19.0 28.6

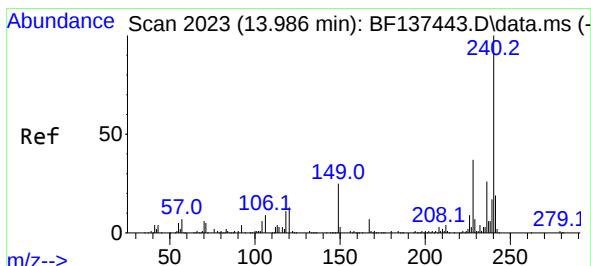
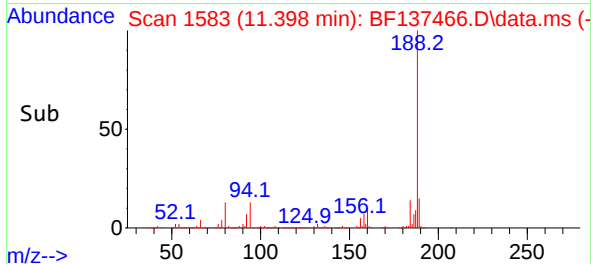
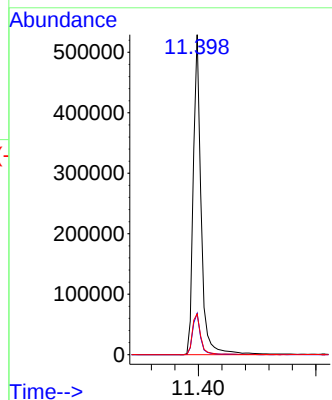
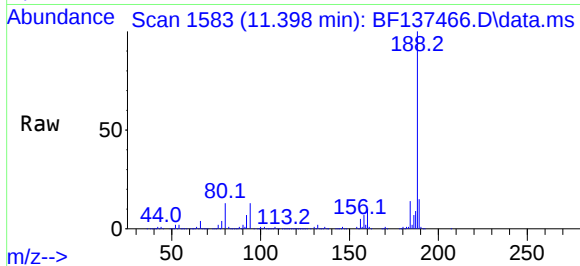




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137466.D
Acq: 01 Mar 2024 18:44

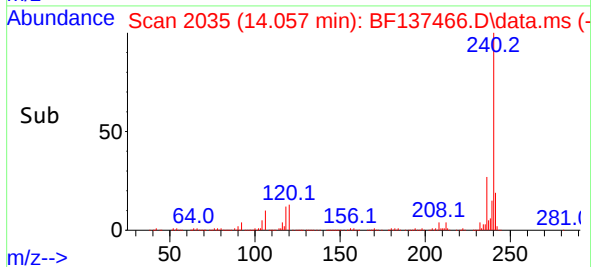
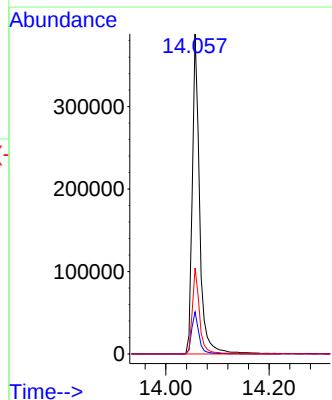
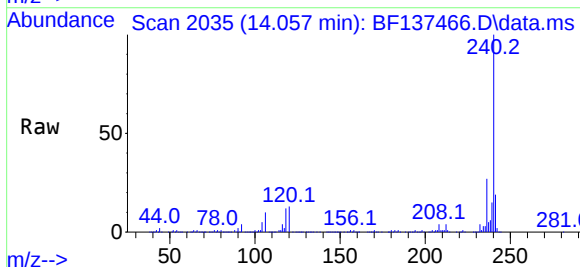
Instrument :
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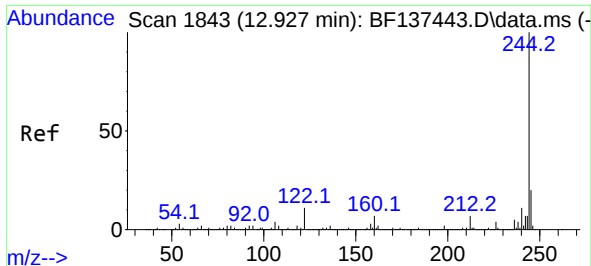
Tgt Ion:188 Resp: 492647
Ion Ratio Lower Upper
188 100
94 12.9 10.6 15.8
80 12.8 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF137466.D
Acq: 01 Mar 2024 18:44

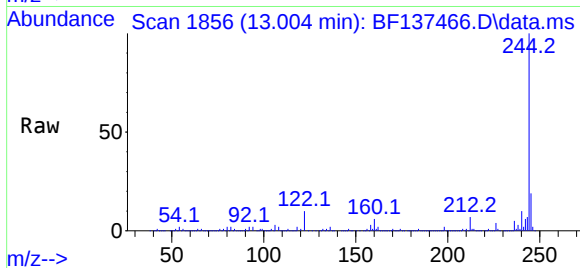
Tgt Ion:240 Resp: 383347
Ion Ratio Lower Upper
240 100
120 13.1 10.4 15.6
236 26.8 20.9 31.3



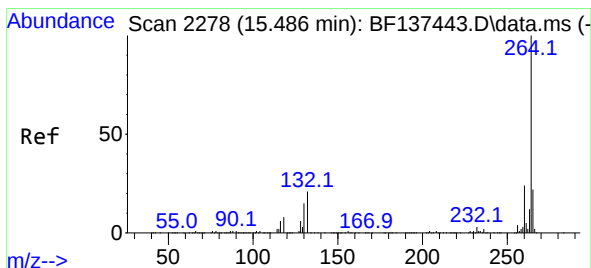
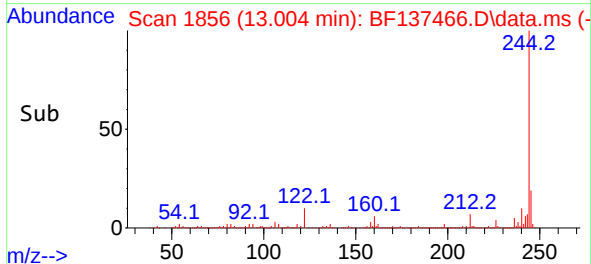
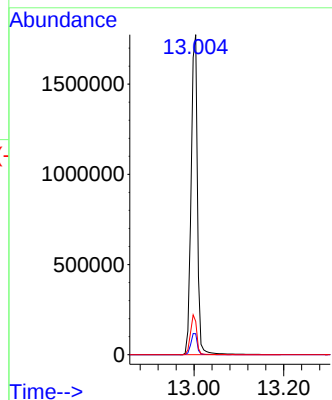


#79
Terphenyl-d14
Concen: 62.159 ng
RT: 13.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137466.D
Acq: 01 Mar 2024 18:44

Instrument :
BNA_F
ClientSampleId :
TP-16



Tgt Ion:244 Resp: 1732858
Ion Ratio Lower Upper
244 100
212 6.6 5.4 8.2
122 10.4 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: BF137466.D
Acq: 01 Mar 2024 18:44

Tgt Ion:264 Resp: 283960
Ion Ratio Lower Upper
264 100
260 24.5 19.3 28.9
265 22.3 17.4 26.0

