

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
 Data File : BF137458.D
 Acq On : 01 Mar 2024 14:46
 Operator : CG\JU
 Sample : P1659-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-16

Quant Time: Mar 01 15:24:41 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	6.869	152	174722	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	652116	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	315073	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	468777	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	402532	20.000	ng	-0.02
86) Perylene-d12	15.580	264	333840	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1054093	91.372	ng	-0.01
7) Phenol-d6	6.510	99	1379213	82.824	ng	-0.02
23) Nitrobenzene-d5	7.428	82	834087	59.430	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	199939	72.261	ng	-0.02
45) 2-Fluorobiphenyl	9.222	172	1322862	65.723	ng	-0.01
79) Terphenyl-d14	12.992	244	1134275	38.748	ng	-0.02

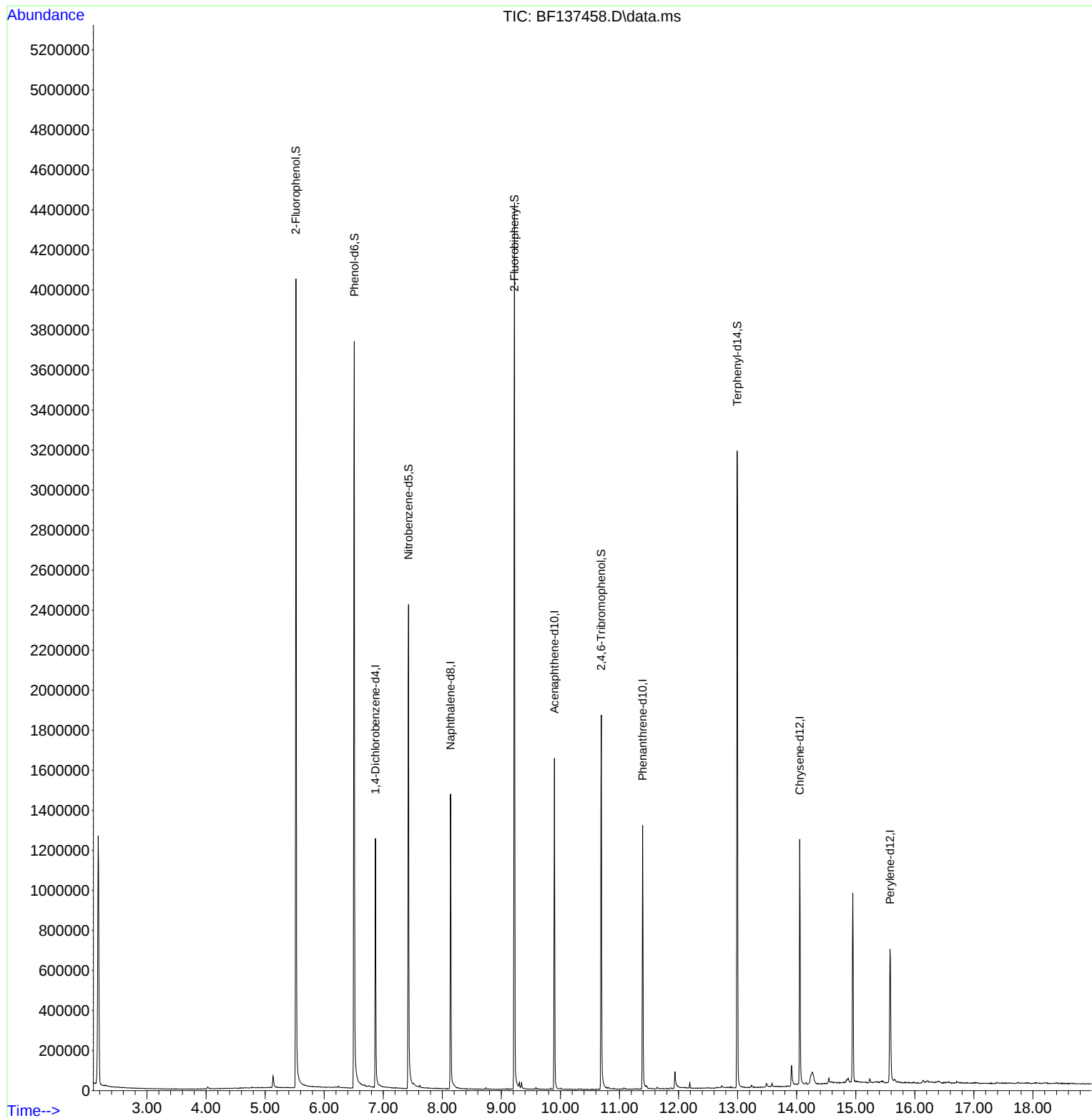
Target Compounds	Qvalue

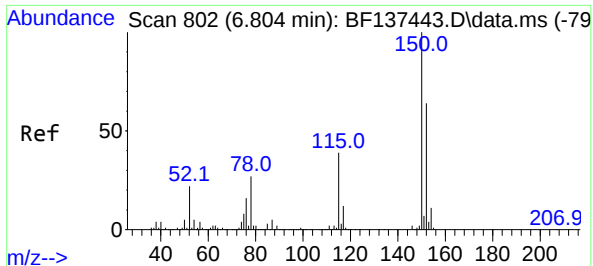
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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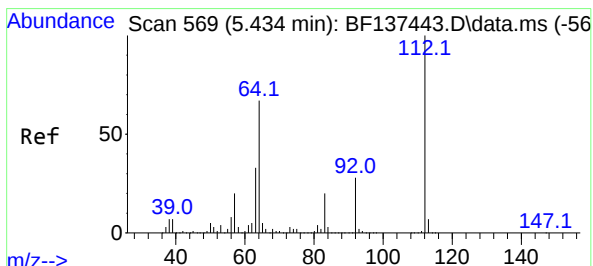
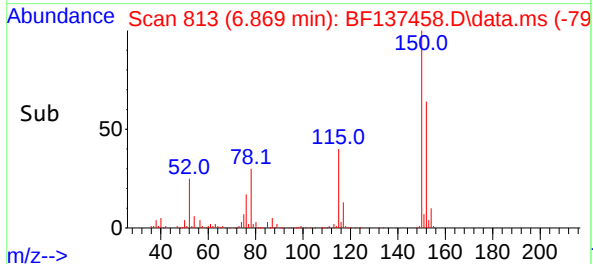
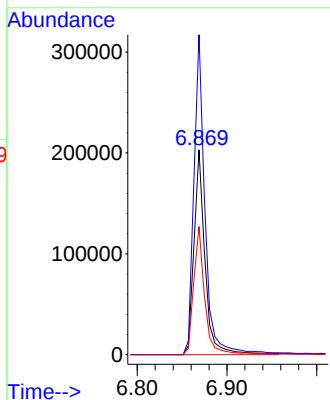
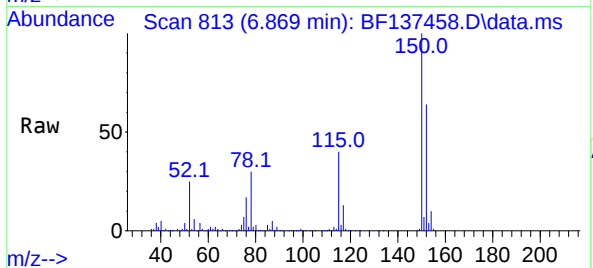




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

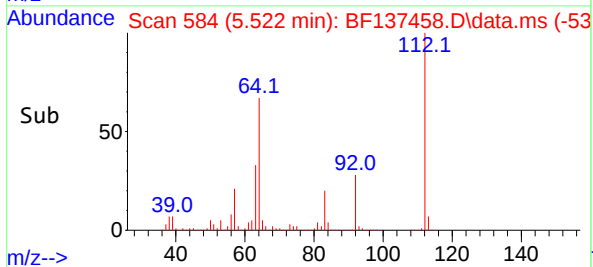
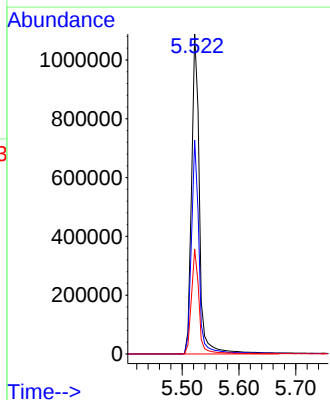
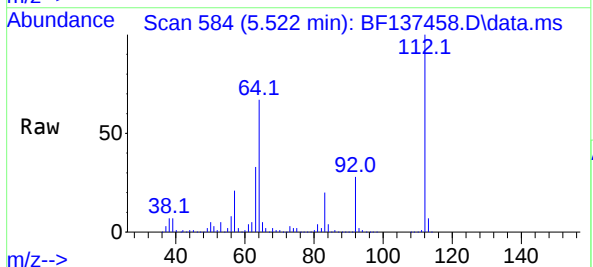
Instrument :
BNA_F
ClientSampleId :
TP-16

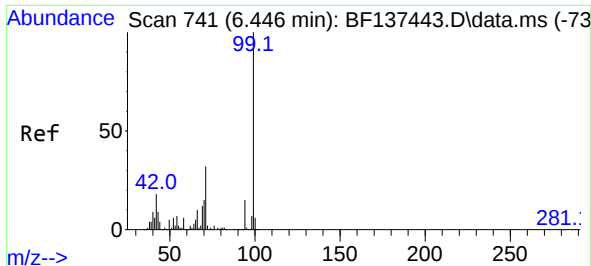
Tgt Ion:152 Resp: 174722
Ion Ratio Lower Upper
152 100
150 156.2 125.8 188.6
115 62.5 48.8 73.2



#5
2-Fluorophenol
Concen: 91.372 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.012 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

Tgt Ion:112 Resp: 1054093
Ion Ratio Lower Upper
112 100
64 66.8 53.4 80.2
63 32.8 26.2 39.2

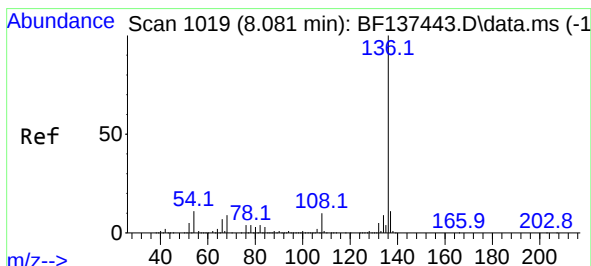
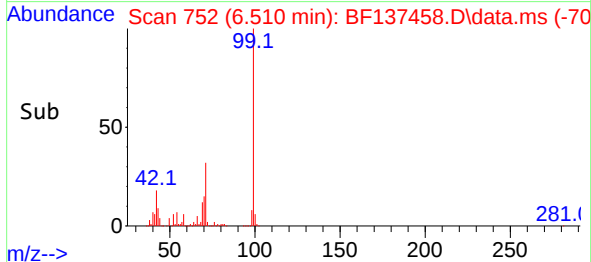
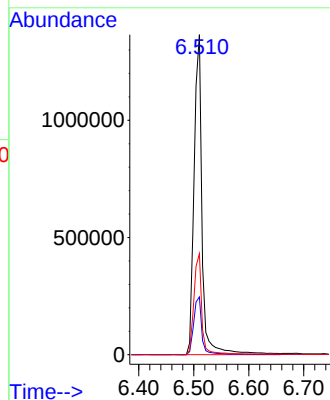
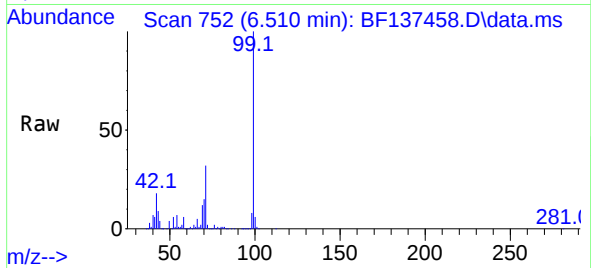




#7
Phenol-d6
Concen: 82.824 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

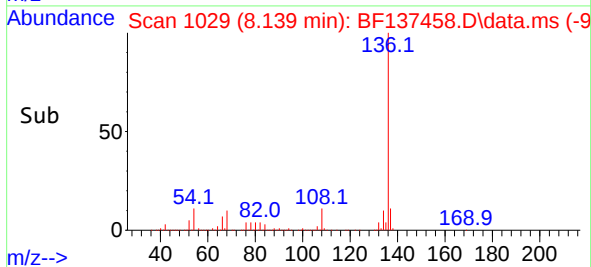
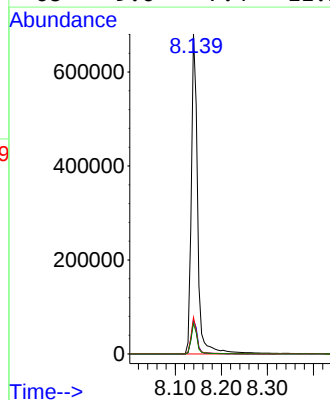
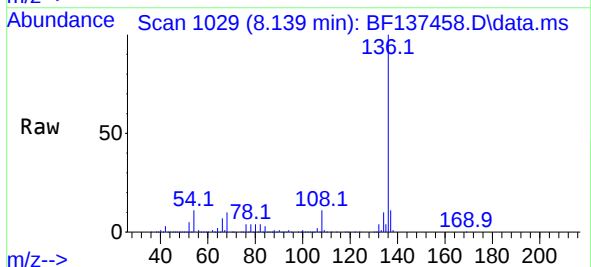
Instrument :
BNA_F
ClientSampleId :
TP-16

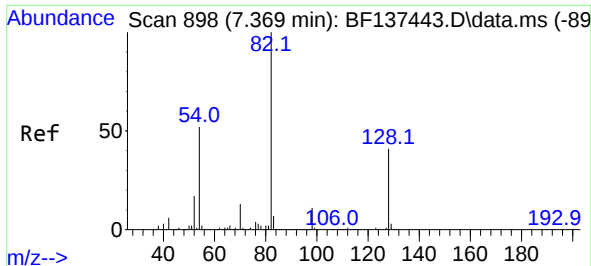
Tgt Ion: 99 Resp: 1379213
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 31.5 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

Tgt Ion: 136 Resp: 652116
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 11.4 8.5 12.7
68 9.6 7.4 11.2

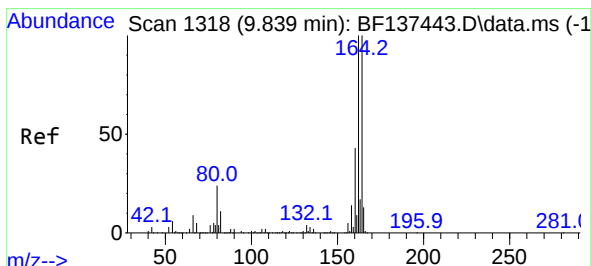
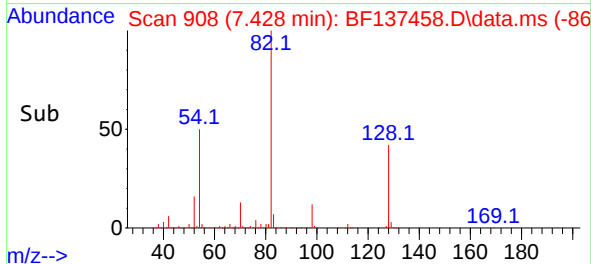
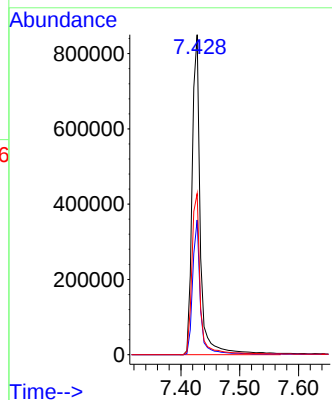
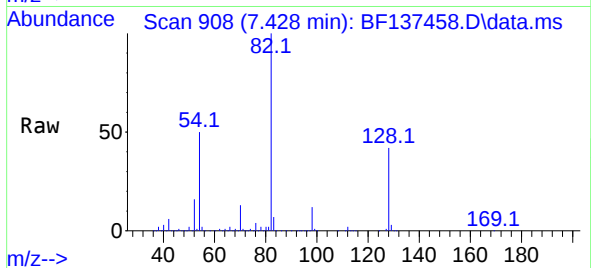




#23
Nitrobenzene-d5
Concen: 59.430 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.018 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

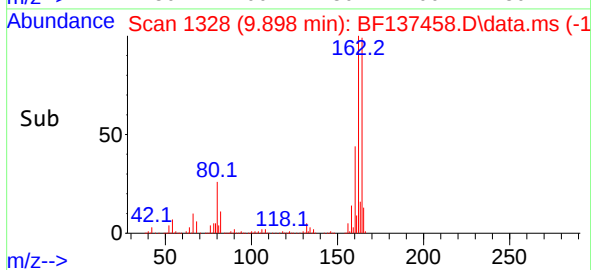
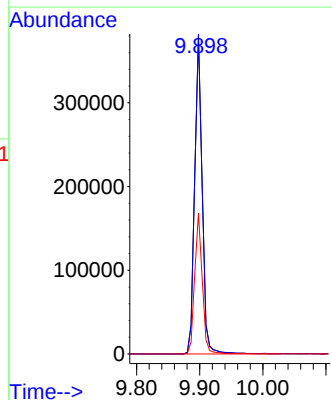
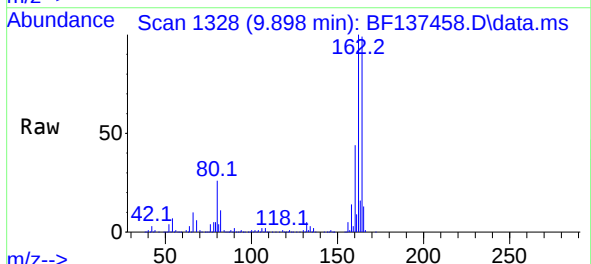
Instrument :
BNA_F
ClientSampleId :
TP-16

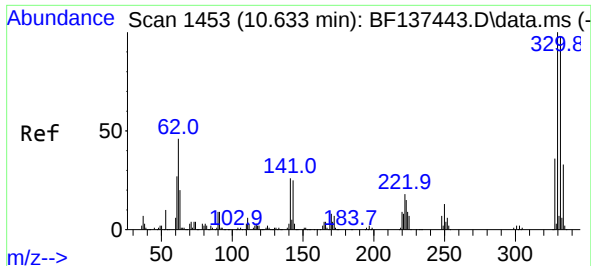
Tgt Ion: 82 Resp: 834087
Ion Ratio Lower Upper
82 100
128 42.1 32.5 48.7
54 50.3 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.018 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

Tgt Ion: 164 Resp: 315073
Ion Ratio Lower Upper
164 100
162 100.7 79.8 119.8
160 44.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 72.261 ng

RT: 10.692 min Scan# 1453

Delta R.T. -0.018 min

Lab File: BF137458.D

Acq: 01 Mar 2024 14:46

Instrument :

BNA_F

ClientSampleId :

TP-16

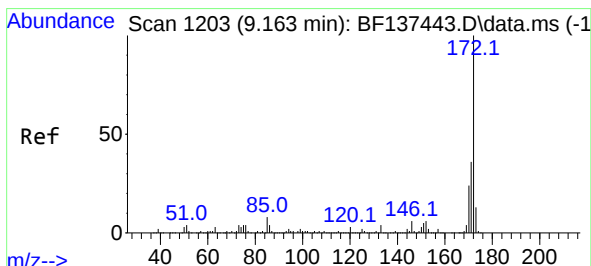
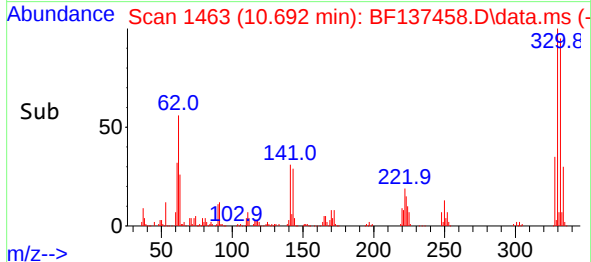
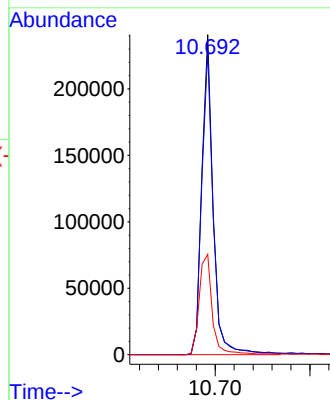
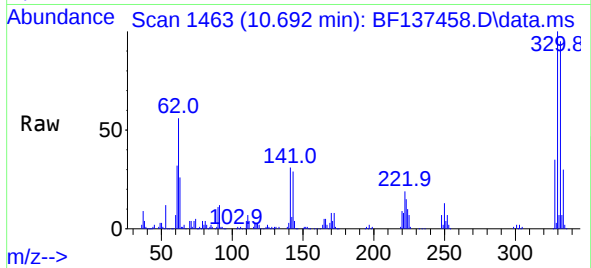
Tgt Ion:330 Resp: 199939

Ion Ratio Lower Upper

330 100

332 96.6 78.0 117.0

141 36.5 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 65.723 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF137458.D

Acq: 01 Mar 2024 14:46

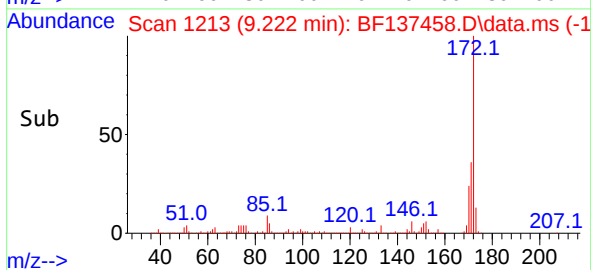
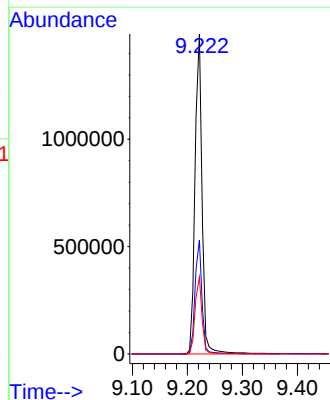
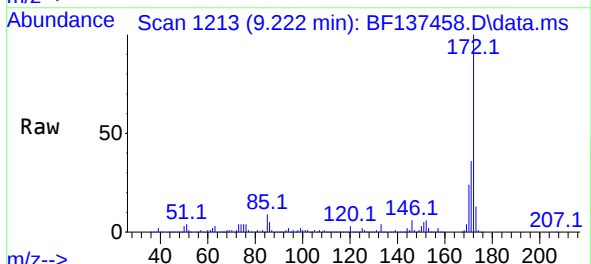
Tgt Ion:172 Resp: 1322862

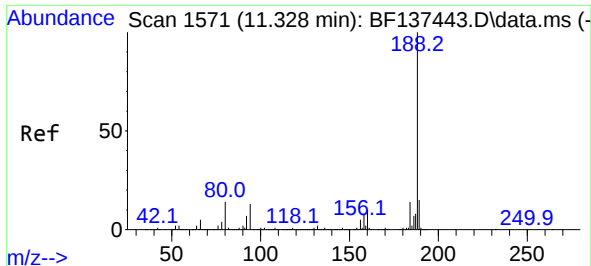
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 24.0 19.0 28.6

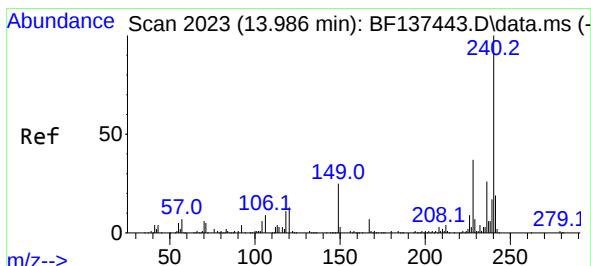
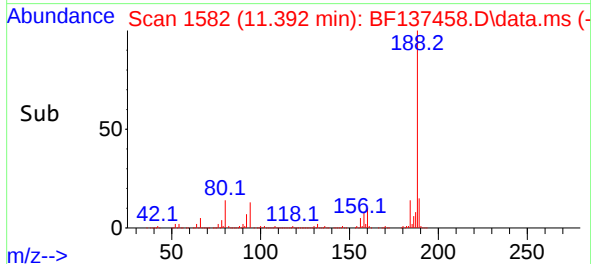
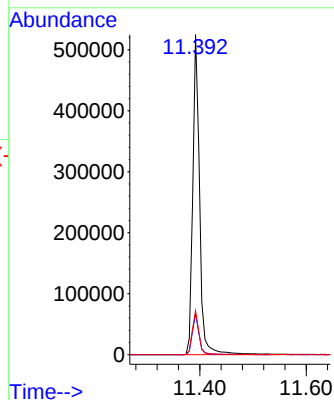
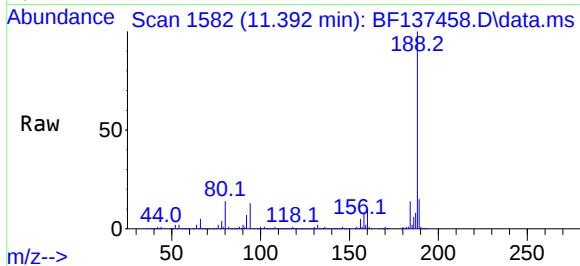




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

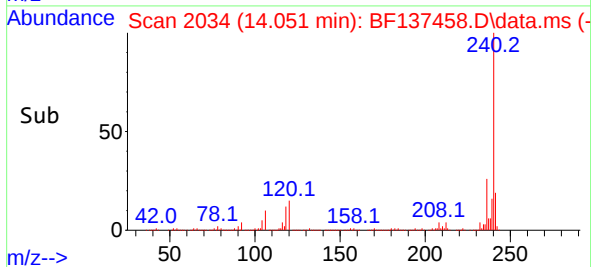
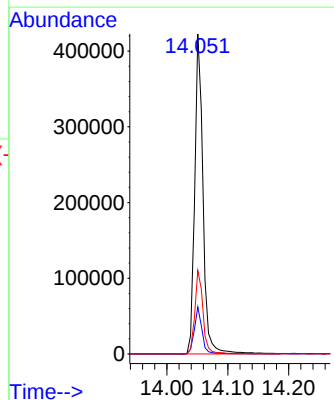
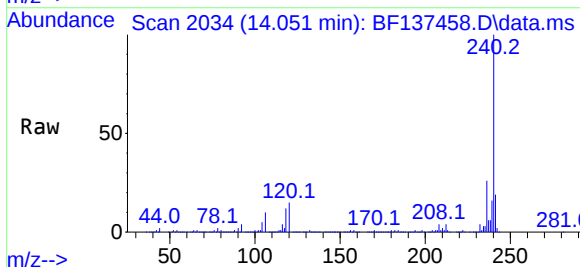
Instrument :
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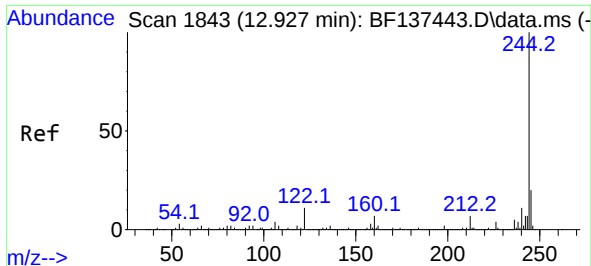
Tgt Ion:188 Resp: 468777
Ion Ratio Lower Upper
188 100
94 12.8 10.6 15.8
80 13.7 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.018 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

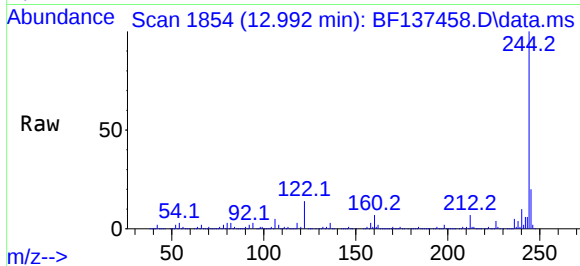
Tgt Ion:240 Resp: 402532
Ion Ratio Lower Upper
240 100
120 14.7 10.4 15.6
236 26.1 20.9 31.3



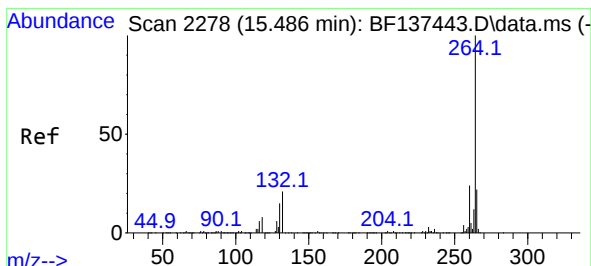
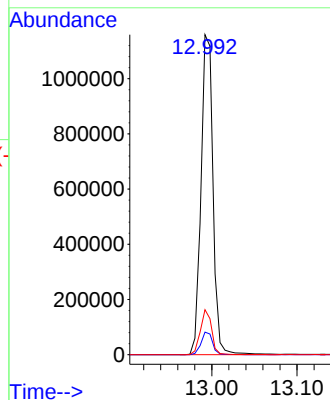
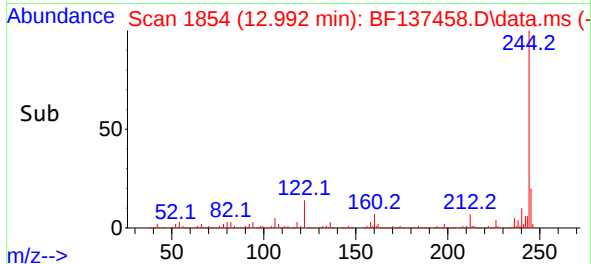


#79
Terphenyl-d14
Concen: 38.748 ng
RT: 12.992 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46

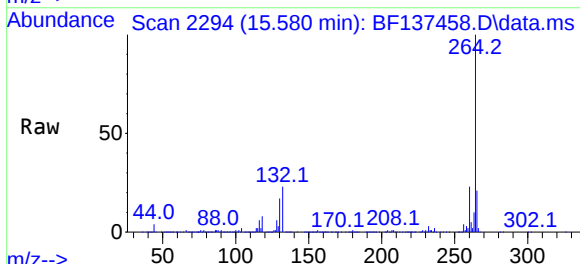
Instrument :
BNA_F
ClientSampleId :
TP-16



Tgt Ion:244 Resp: 1134275
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 14.0 9.1 13.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 2294
Delta R.T. -0.018 min
Lab File: BF137458.D
Acq: 01 Mar 2024 14:46



Tgt Ion:264 Resp: 333840
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 20.9 17.4 26.0

