

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
 Data File : BF137459.D
 Acq On : 01 Mar 2024 15:16
 Operator : CG\JU
 Sample : P1659-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Mar 01 15:46:03 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	186681	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	698360	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	352956	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	514017	20.000	ng	-0.01
76) Chrysene-d12	14.051	240	401313	20.000	ng	-0.02
86) Perylene-d12	15.586	264	346277	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1101104	89.332	ng	-0.01
7) Phenol-d6	6.510	99	1479181	83.137	ng	-0.02
23) Nitrobenzene-d5	7.428	82	876784	58.335	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	234176	75.551	ng	-0.02
45) 2-Fluorobiphenyl	9.222	172	1426023	63.244	ng	-0.01
79) Terphenyl-d14	12.992	244	1183780	40.562	ng	-0.02

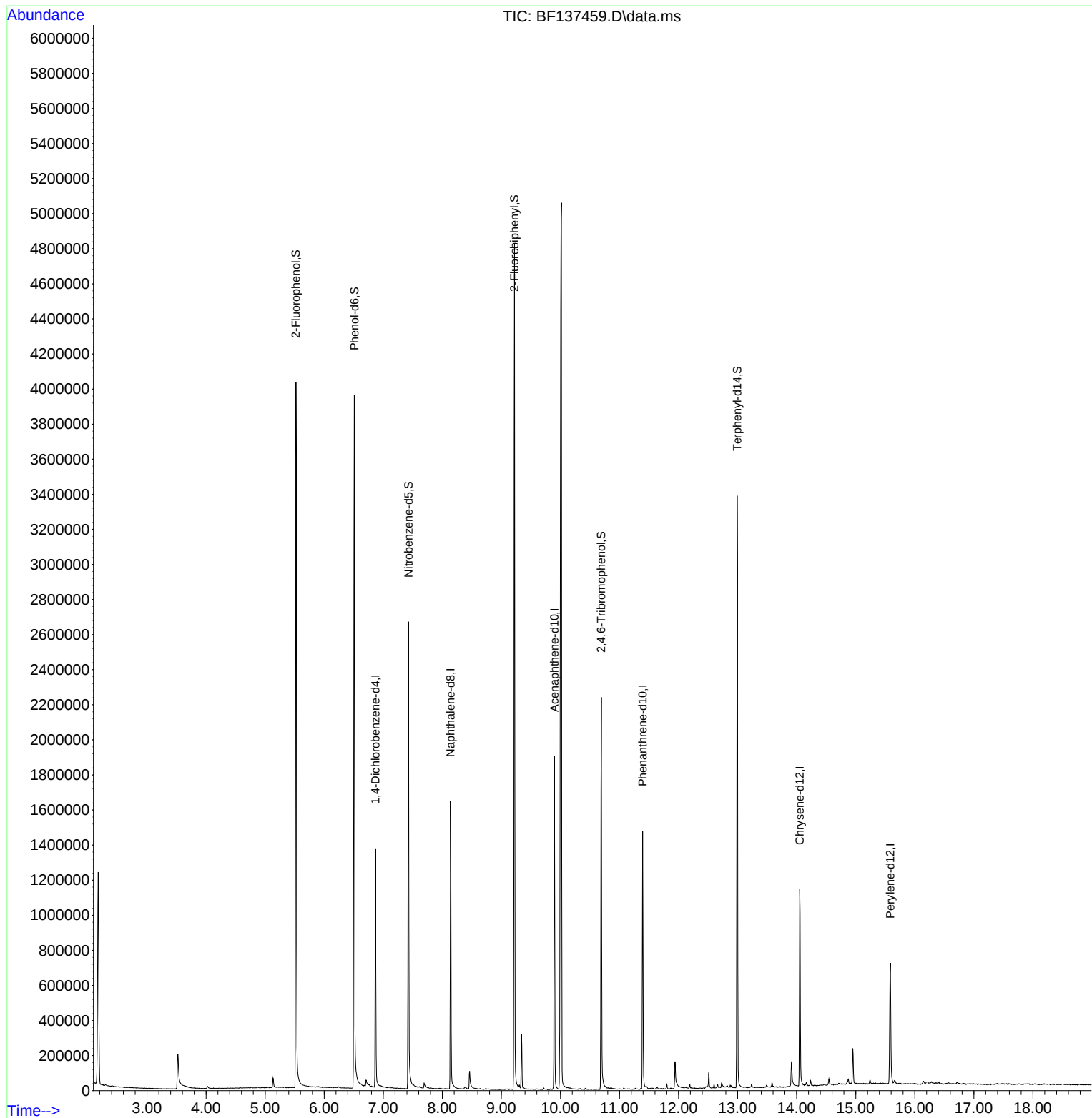
Target Compounds	Qvalue

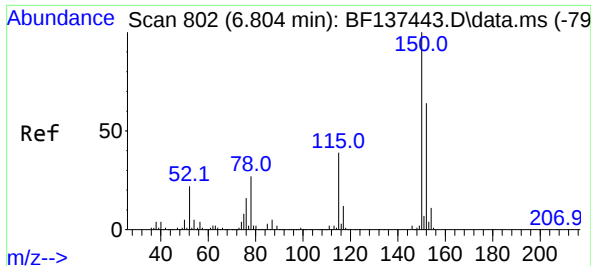
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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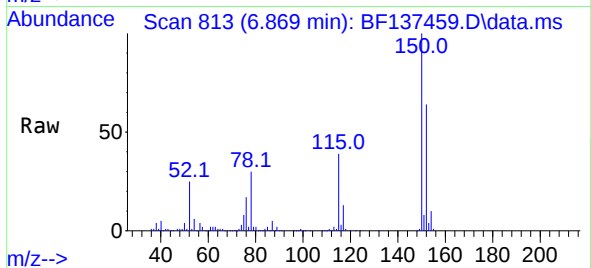
Quant Time: Mar 01 15:46:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
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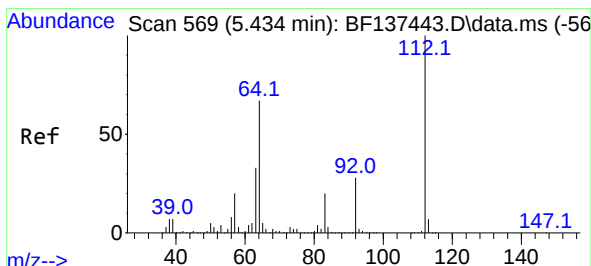
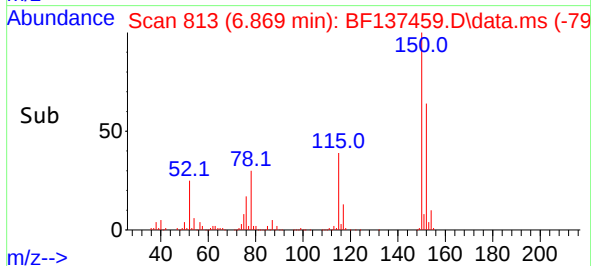
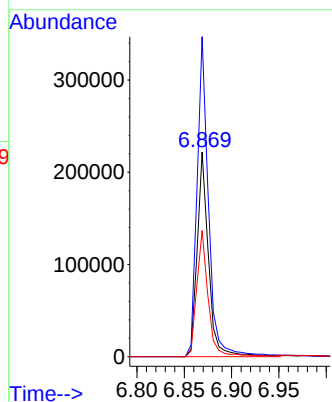


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

Instrument :
BNA_F
ClientSampleId :
TP-7

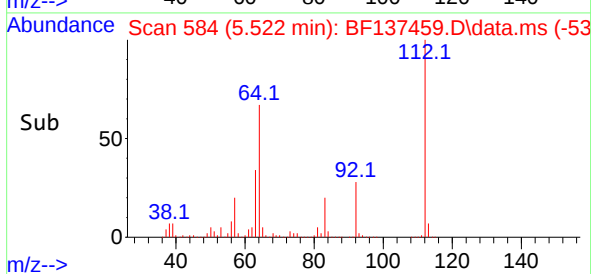
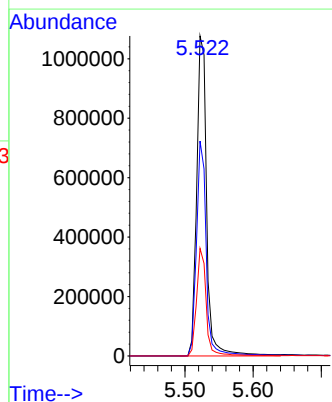
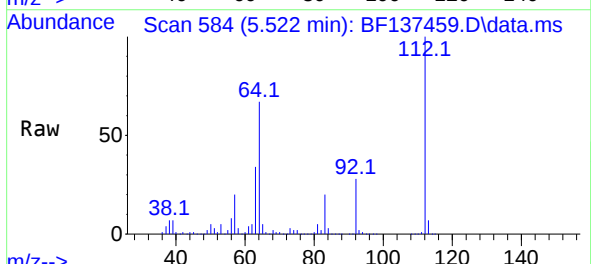


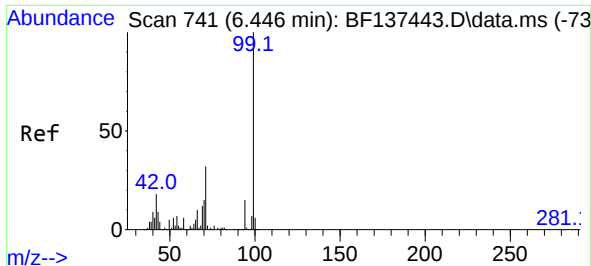
Tgt Ion:152 Resp: 186681
Ion Ratio Lower Upper
152 100
150 156.4 125.8 188.6
115 61.6 48.8 73.2



#5
2-Fluorophenol
Concen: 89.332 ng
RT: 5.522 min Scan# 584
Delta R.T. -0.012 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

Tgt Ion:112 Resp: 1101104
Ion Ratio Lower Upper
112 100
64 67.2 53.4 80.2
63 33.6 26.2 39.2

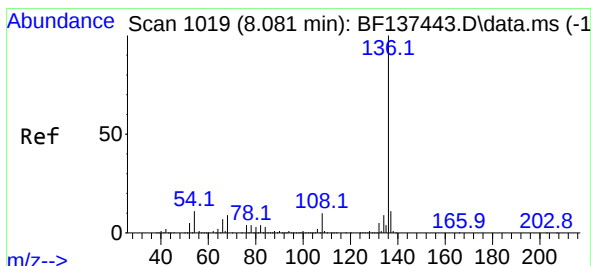
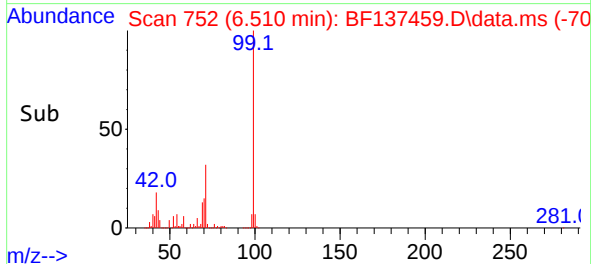
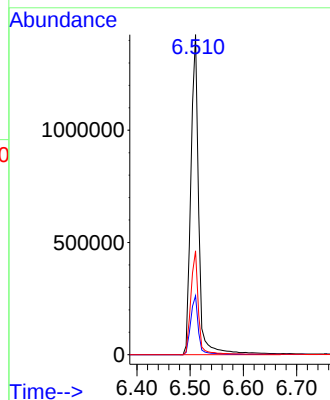
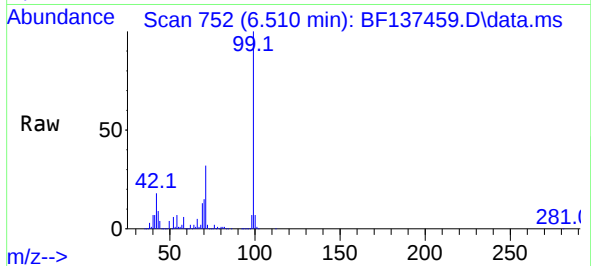




#7
Phenol-d6
Concen: 83.137 ng
RT: 6.510 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

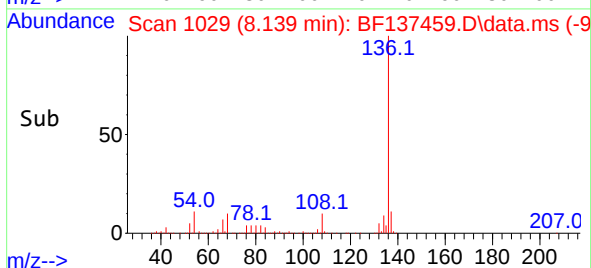
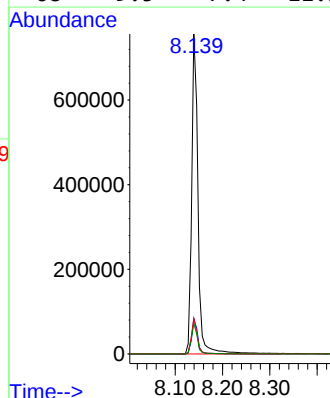
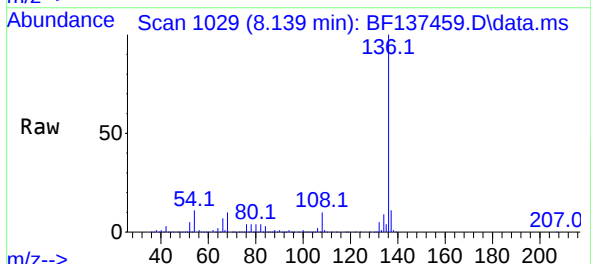
Instrument :
BNA_F
ClientSampleId :
TP-7

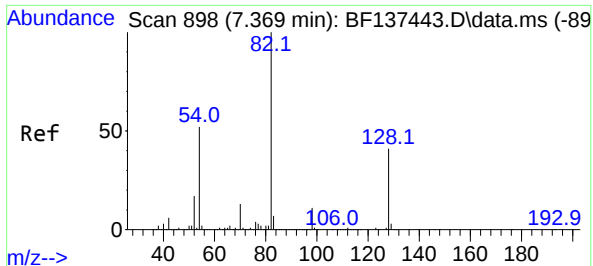
Tgt Ion: 99 Resp: 1479181
Ion Ratio Lower Upper
99 100
42 18.4 14.6 21.8
71 32.5 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.018 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

Tgt Ion:136 Resp: 698360
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 11.1 8.5 12.7
68 9.5 7.4 11.2





#23

Nitrobenzene-d5

Concen: 58.335 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.018 min

Lab File: BF137459.D

Acq: 01 Mar 2024 15:16

Instrument :

BNA_F

ClientSampleId :

TP-7

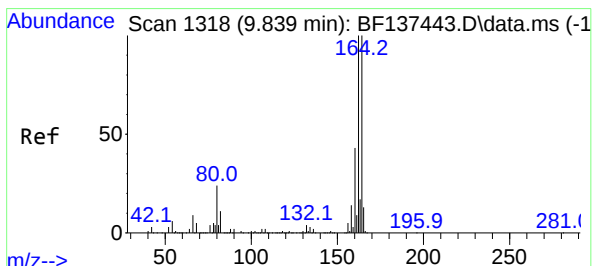
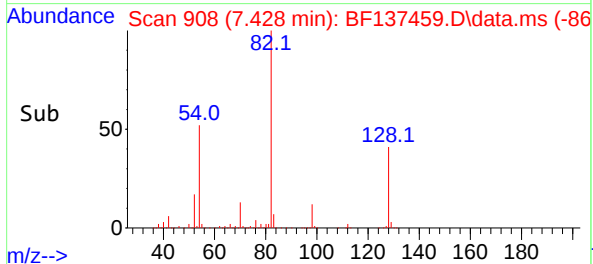
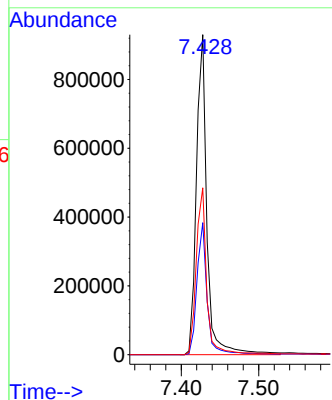
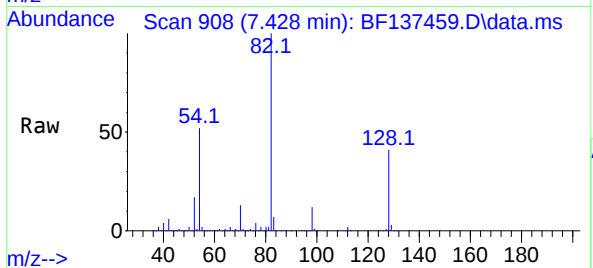
Tgt Ion: 82 Resp: 876784

Ion Ratio Lower Upper

82 100

128 41.2 32.5 48.7

54 52.1 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: BF137459.D

Acq: 01 Mar 2024 15:16

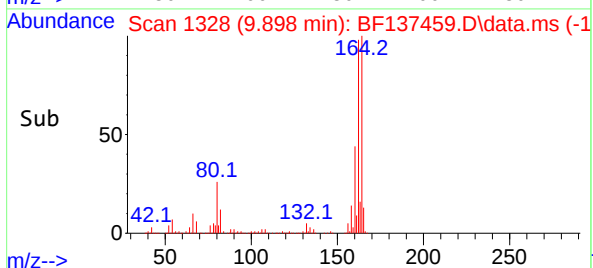
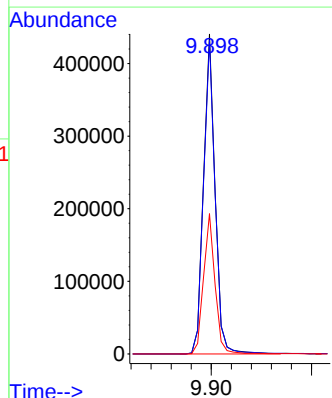
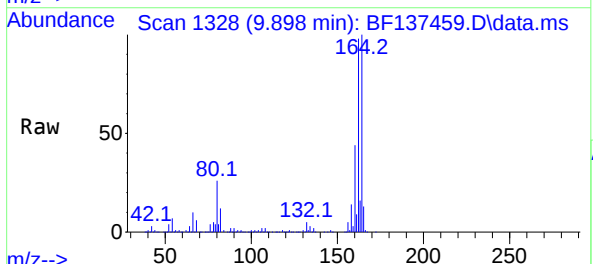
Tgt Ion:164 Resp: 352956

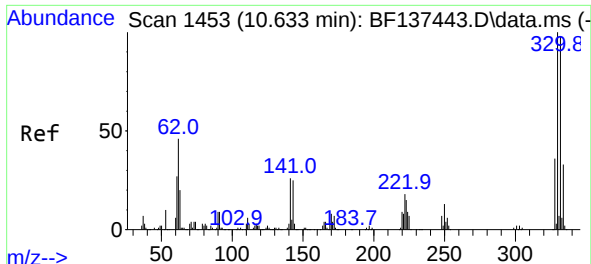
Ion Ratio Lower Upper

164 100

162 98.0 79.8 119.8

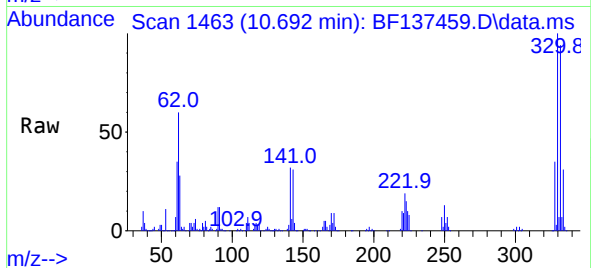
160 43.8 34.4 51.6



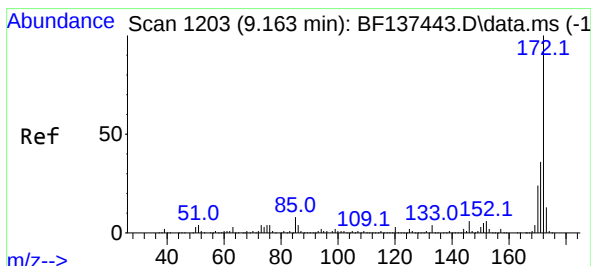
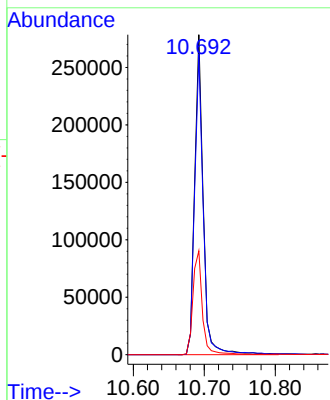
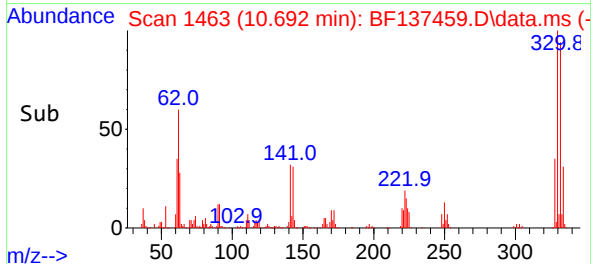


#42
2,4,6-Tribromophenol
Concen: 75.551 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.018 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

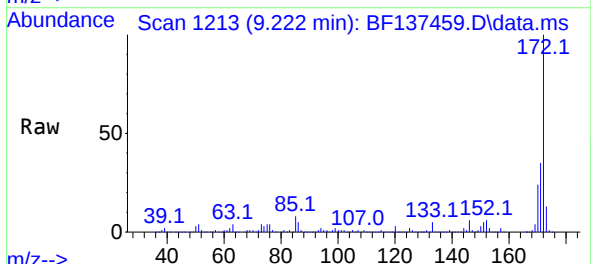
Instrument :
BNA_F
ClientSampleId :
TP-7



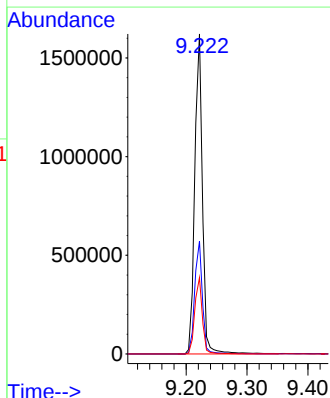
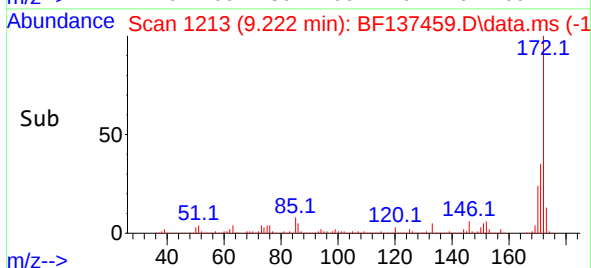
Tgt Ion:330 Resp: 234176
Ion Ratio Lower Upper
330 100
332 95.4 78.0 117.0
141 35.7 27.3 40.9

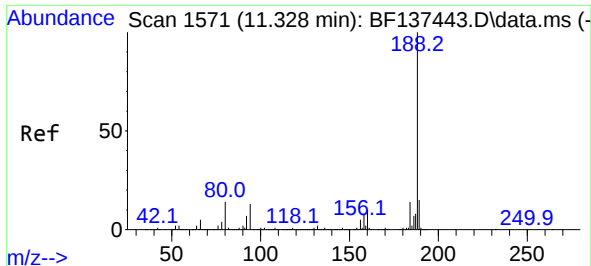


#45
2-Fluorobiphenyl
Concen: 63.244 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16



Tgt Ion:172 Resp: 1426023
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.9 19.0 28.6

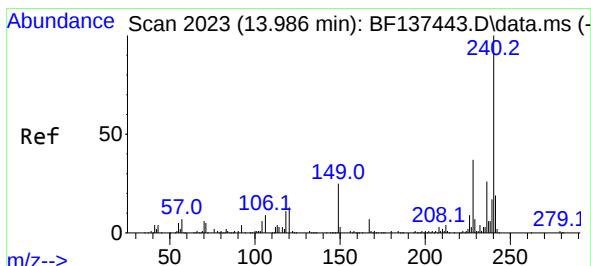
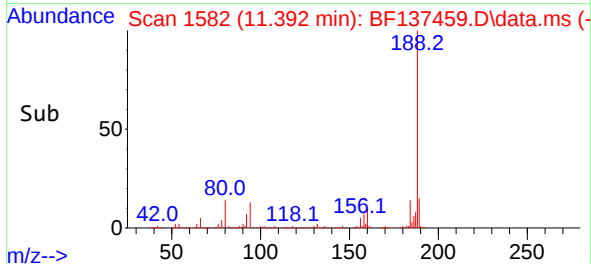
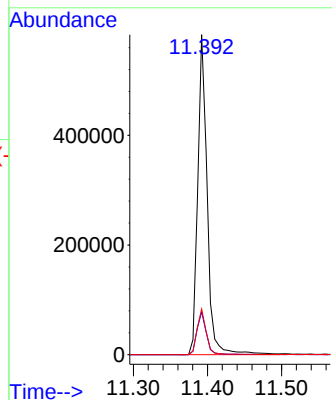
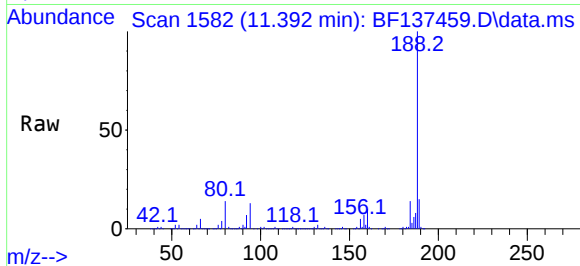




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

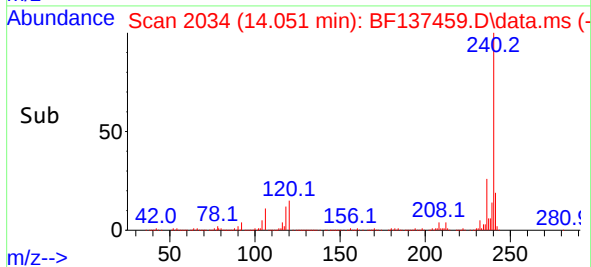
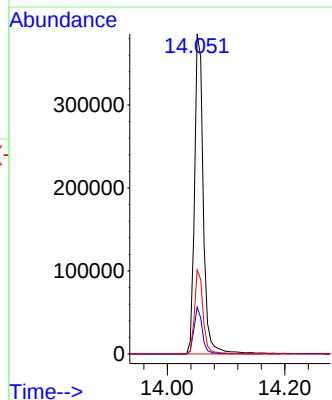
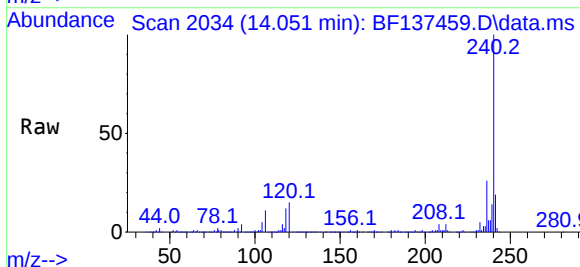
Instrument :
BNA_F
ClientSampleId :
TP-7

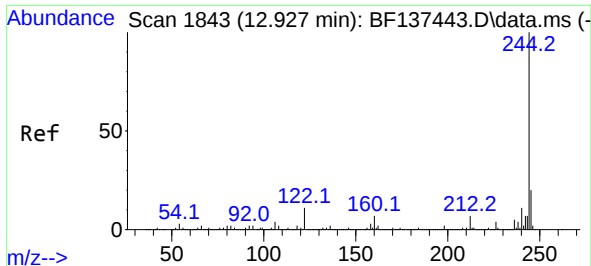
Tgt Ion:188 Resp: 514017
Ion Ratio Lower Upper
188 100
94 13.3 10.6 15.8
80 14.3 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.018 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

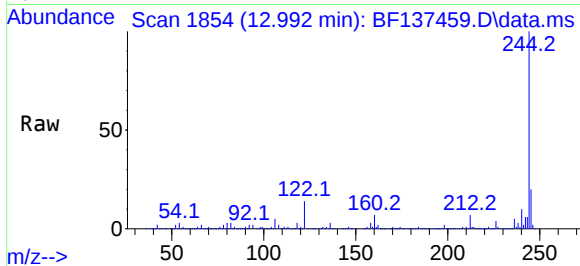
Tgt Ion:240 Resp: 401313
Ion Ratio Lower Upper
240 100
120 14.6 10.4 15.6
236 26.3 20.9 31.3



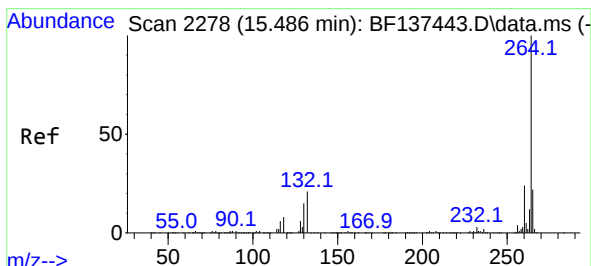
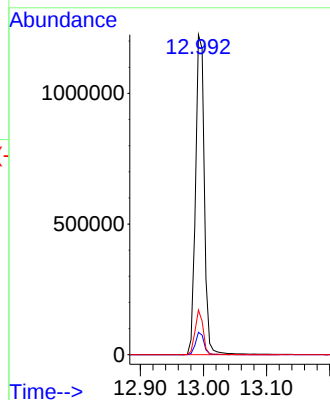
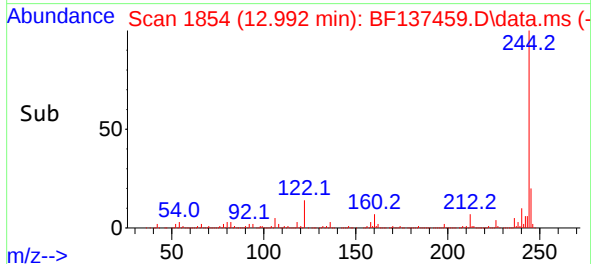


#79
Terphenyl-d14
Concen: 40.562 ng
RT: 12.992 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16

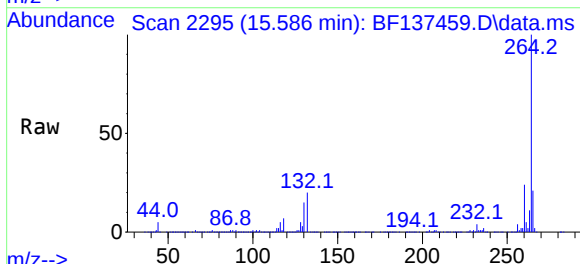
Instrument :
BNA_F
ClientSampleId :
TP-7



Tgt Ion:244 Resp: 1183780
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 13.9 9.1 13.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2295
Delta R.T. -0.012 min
Lab File: BF137459.D
Acq: 01 Mar 2024 15:16



Tgt Ion:264 Resp: 346277
Ion Ratio Lower Upper
264 100
260 24.4 19.3 28.9
265 21.3 17.4 26.0

