

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
 Data File : BF139535.D
 Acq On : 25 Sep 2024 18:22
 Operator : RC/JU
 Sample : P4148-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE

Quant Time: Sep 25 18:44:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	80729	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	307984	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	168720	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	313713	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	147204	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	130637	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	570753	115.336	ng	0.02
7) Phenol-d6	6.510	99	695953	107.146	ng	0.00
23) Nitrobenzene-d5	7.439	82	554065	84.574	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	227263	126.522	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1003175	83.391	ng	0.00
79) Terphenyl-d14	12.986	244	1019161	113.641	ng	0.00

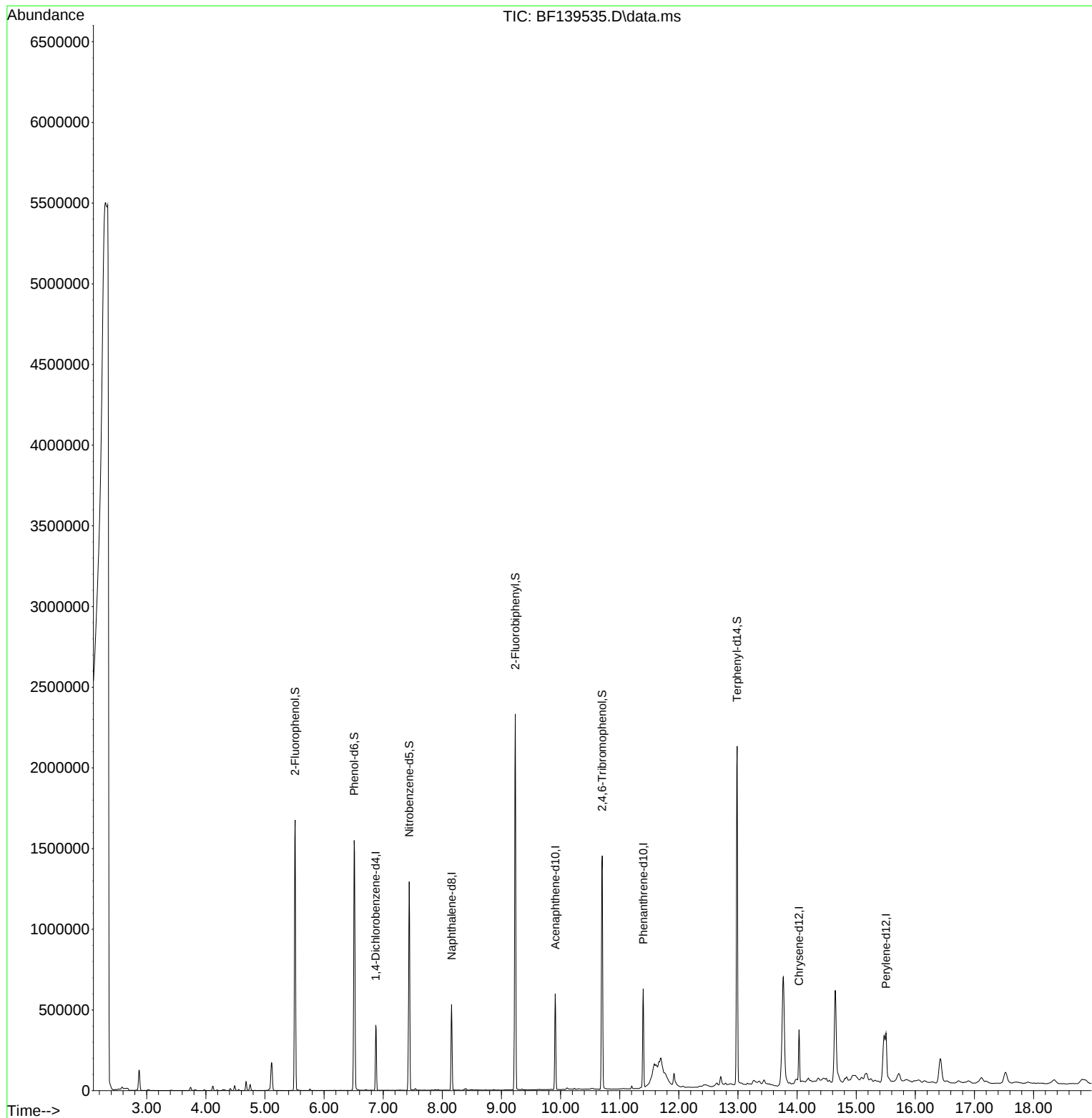
Target Compounds	Qvalue

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

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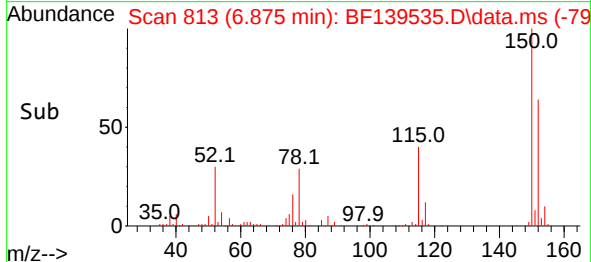
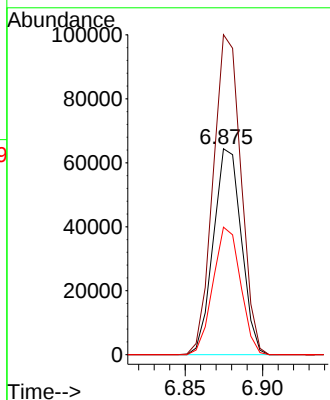
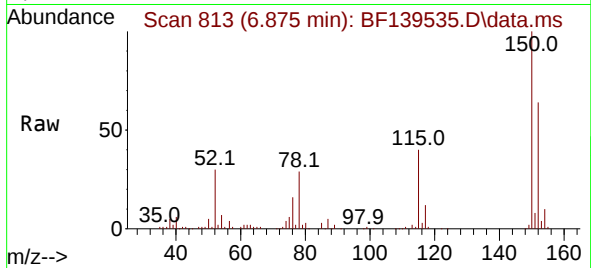




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139535.D
Acq: 25 Sep 2024 18:22

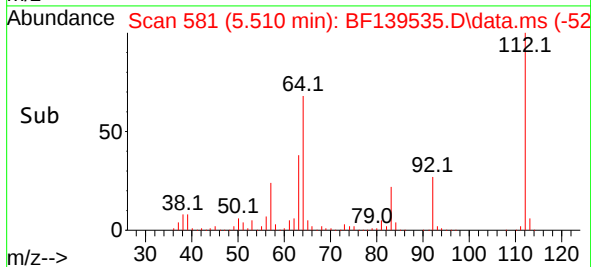
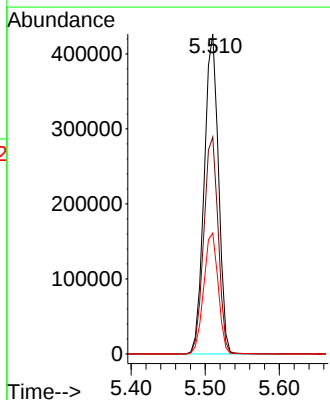
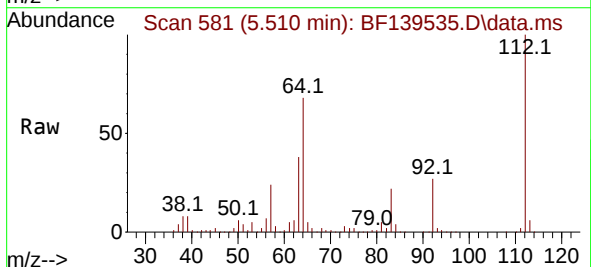
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Tgt Ion:152 Resp: 80729
Ion Ratio Lower Upper
152 100
150 155.3 124.1 186.1
115 61.9 48.1 72.1



#5
2-Fluorophenol
Concen: 115.336 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139535.D
Acq: 25 Sep 2024 18:22

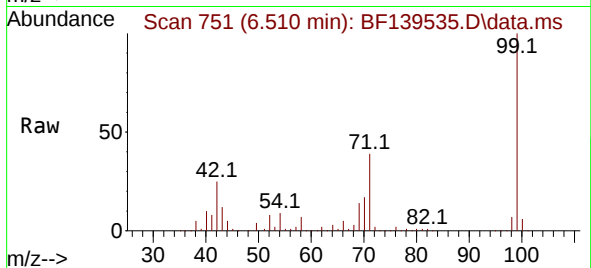
Tgt Ion:112 Resp: 570753
Ion Ratio Lower Upper
112 100
64 67.8 54.8 82.2
63 37.8 33.0 49.4



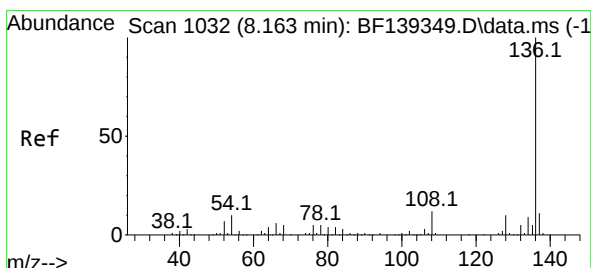
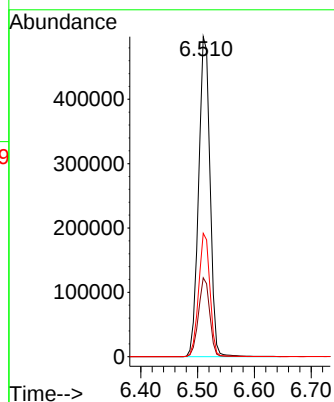
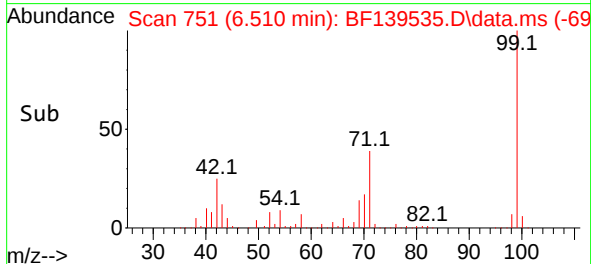


#7
Phenol-d6
Concen: 107.146 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139535.D
Acq: 25 Sep 2024 18:22

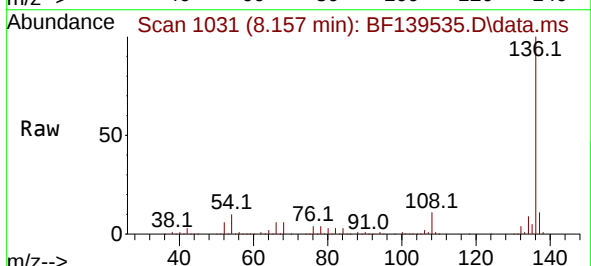
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE



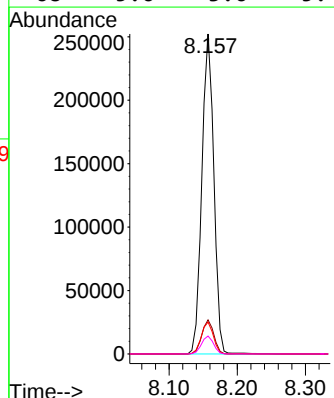
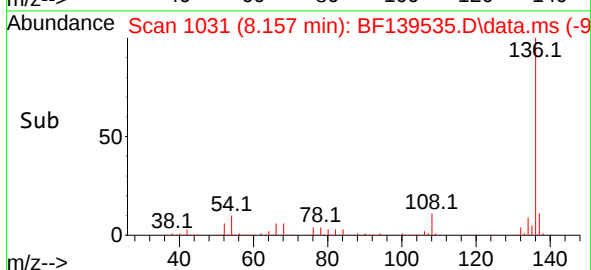
Tgt Ion: 99 Resp: 695953
Ion Ratio Lower Upper
99 100
42 24.6 21.9 32.9
71 38.6 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139535.D
Acq: 25 Sep 2024 18:22



Tgt Ion: 136 Resp: 307984
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.9 7.8 11.8
68 5.6 3.6 5.4

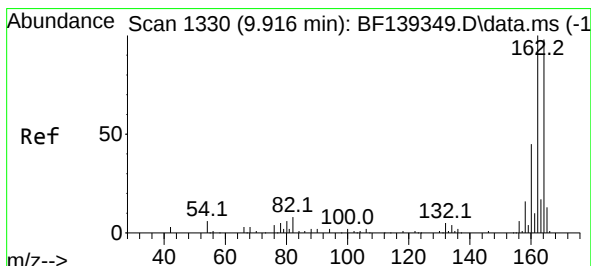
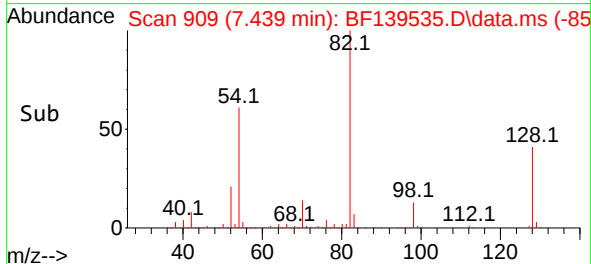
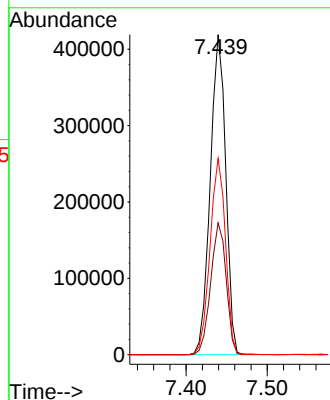
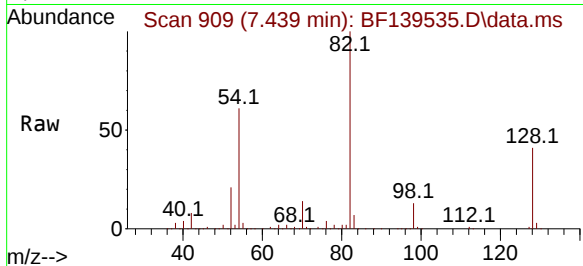




#23
 Nitrobenzene-d5
 Concen: 84.574 ng
 RT: 7.439 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF139535.D
 Acq: 25 Sep 2024 18:22

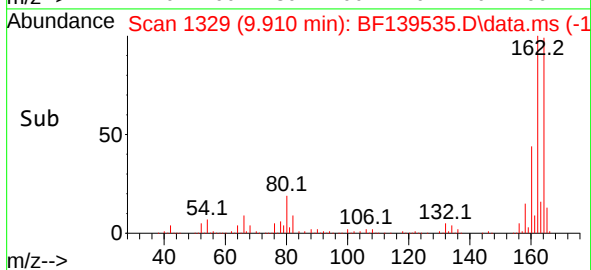
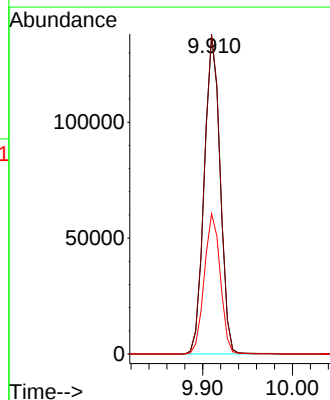
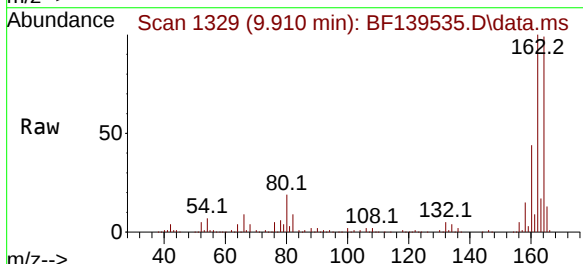
Instrument :
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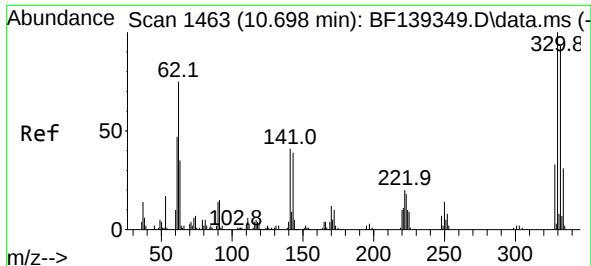
Tgt Ion: 82 Resp: 554065
 Ion Ratio Lower Upper
 82 100
 128 41.2 31.8 47.6
 54 61.3 50.6 75.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: BF139535.D
 Acq: 25 Sep 2024 18:22

Tgt Ion:164 Resp: 168720
 Ion Ratio Lower Upper
 164 100
 162 100.8 81.3 121.9
 160 44.2 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 126.522 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139535.D

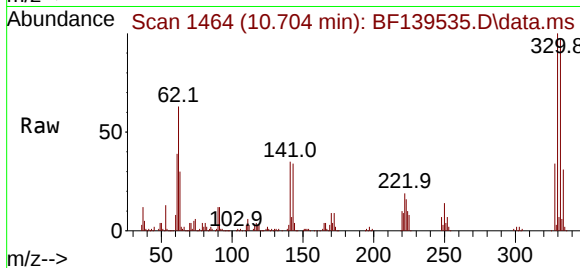
Acq: 25 Sep 2024 18:22

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE



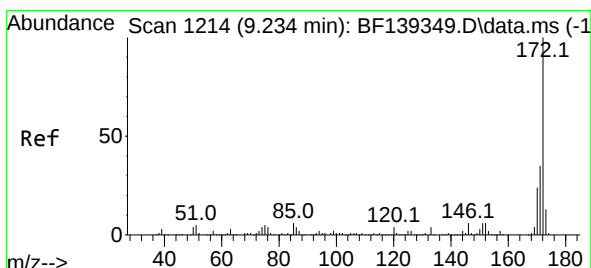
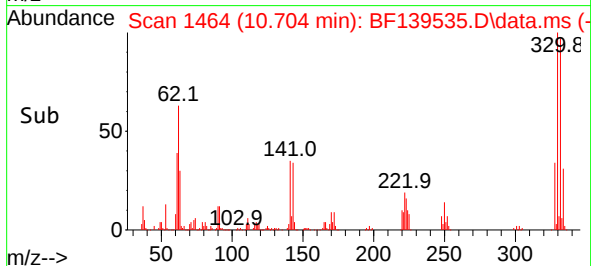
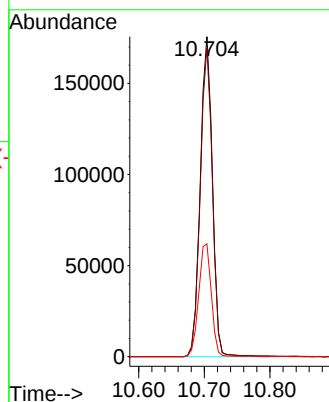
Tgt Ion:330 Resp: 227263

Ion Ratio Lower Upper

330 100

332 96.6 75.2 112.8

141 36.8 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 83.391 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139535.D

Acq: 25 Sep 2024 18:22

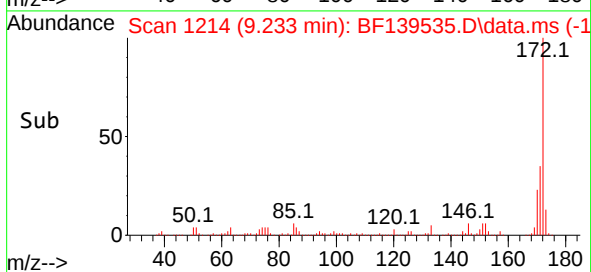
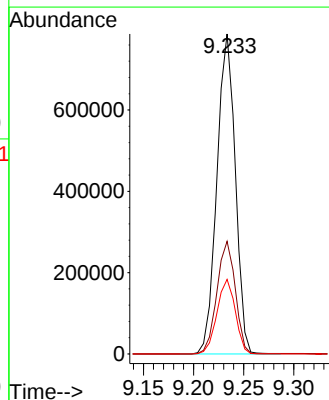
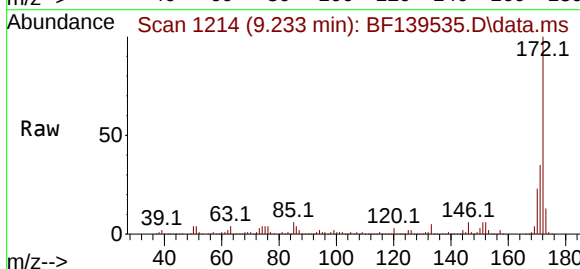
Tgt Ion:172 Resp: 1003175

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139535.D

Acq: 25 Sep 2024 18:22

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE

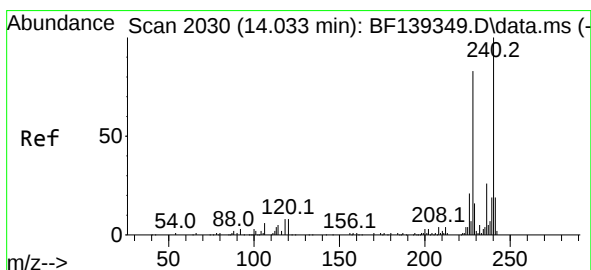
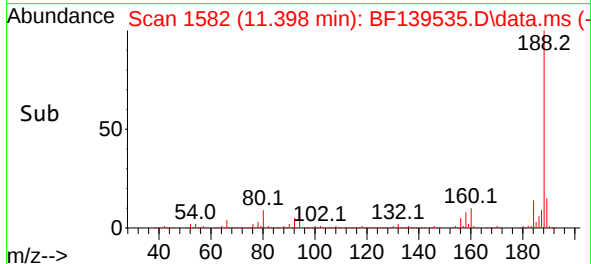
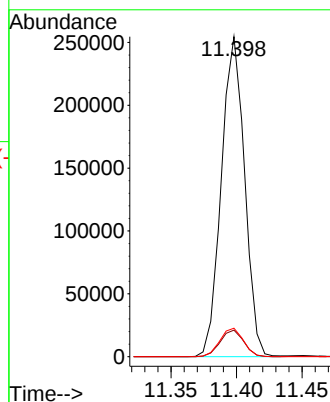
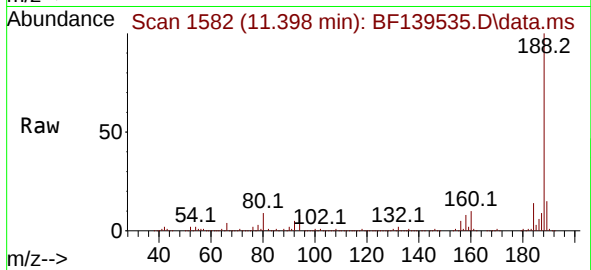
Tgt Ion:188 Resp: 313713

Ion Ratio Lower Upper

188 100

94 8.3 5.5 8.3#

80 8.9 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139535.D

Acq: 25 Sep 2024 18:22

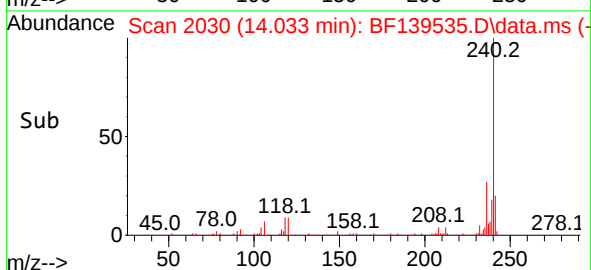
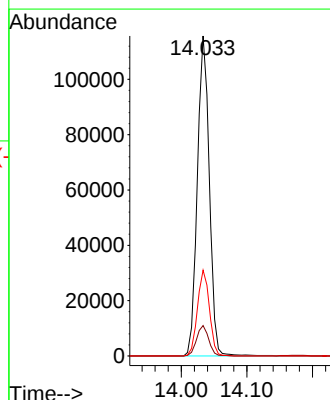
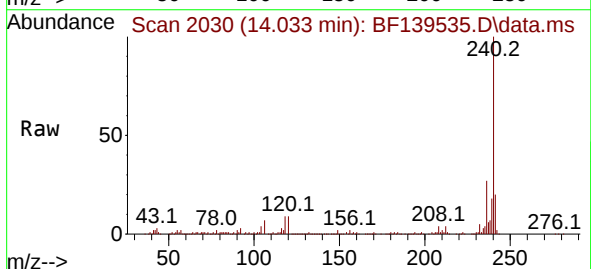
Tgt Ion:240 Resp: 147204

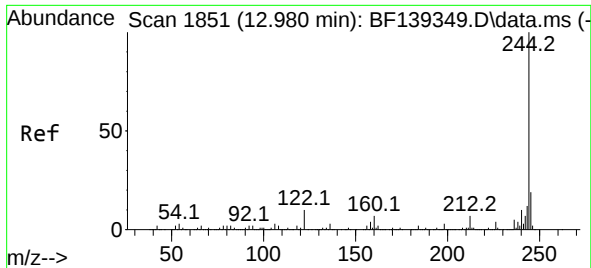
Ion Ratio Lower Upper

240 100

120 9.5 6.2 9.2#

236 26.8 20.9 31.3

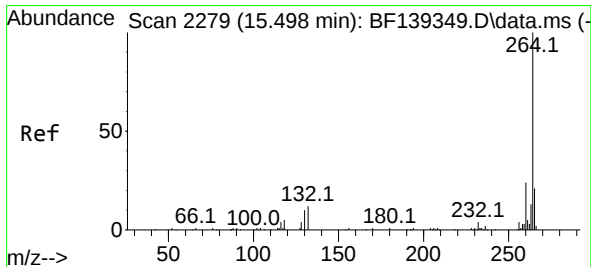
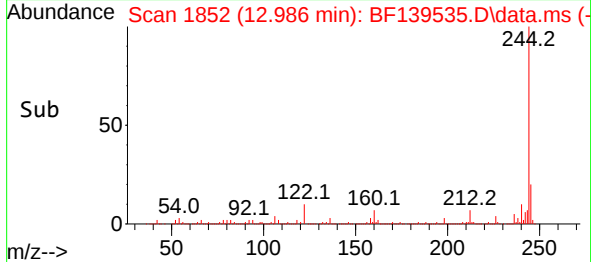
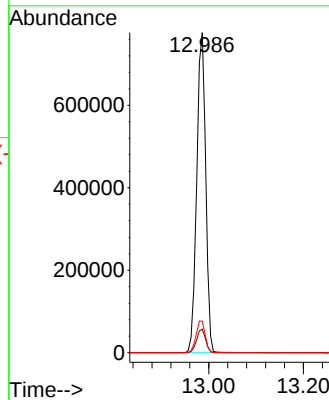
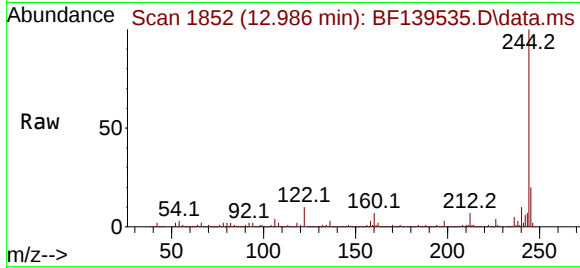




#79
 Terphenyl-d14
 Concen: 113.641 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF139535.D
 Acq: 25 Sep 2024 18:22

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1019161
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.9 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. 0.006 min
 Lab File: BF139535.D
 Acq: 25 Sep 2024 18:22

Tgt Ion:264 Resp: 130637
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.5 29.3
 265 21.4 16.6 25.0

