

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
 Data File : BF137049.D
 Acq On : 12 Jan 2024 15:30
 Operator : CG\JU
 Sample : P1123-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASIN-5-TRUCK-STOP-BOTTOM

Quant Time: Jan 12 15:53:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	60315	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	221893	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	112285	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	197823	20.000	ng	0.00
76) Chrysene-d12	13.969	240	108593	20.000	ng	0.00
86) Perylene-d12	15.457	264	133895	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	292216	75.593	ng	0.00
7) Phenol-d6	6.434	99	380890	76.042	ng	0.00
23) Nitrobenzene-d5	7.345	82	223102	51.450	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	106517	80.548	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	474404	56.826	ng	-0.01
79) Terphenyl-d14	12.904	244	407533	52.445	ng	-0.01

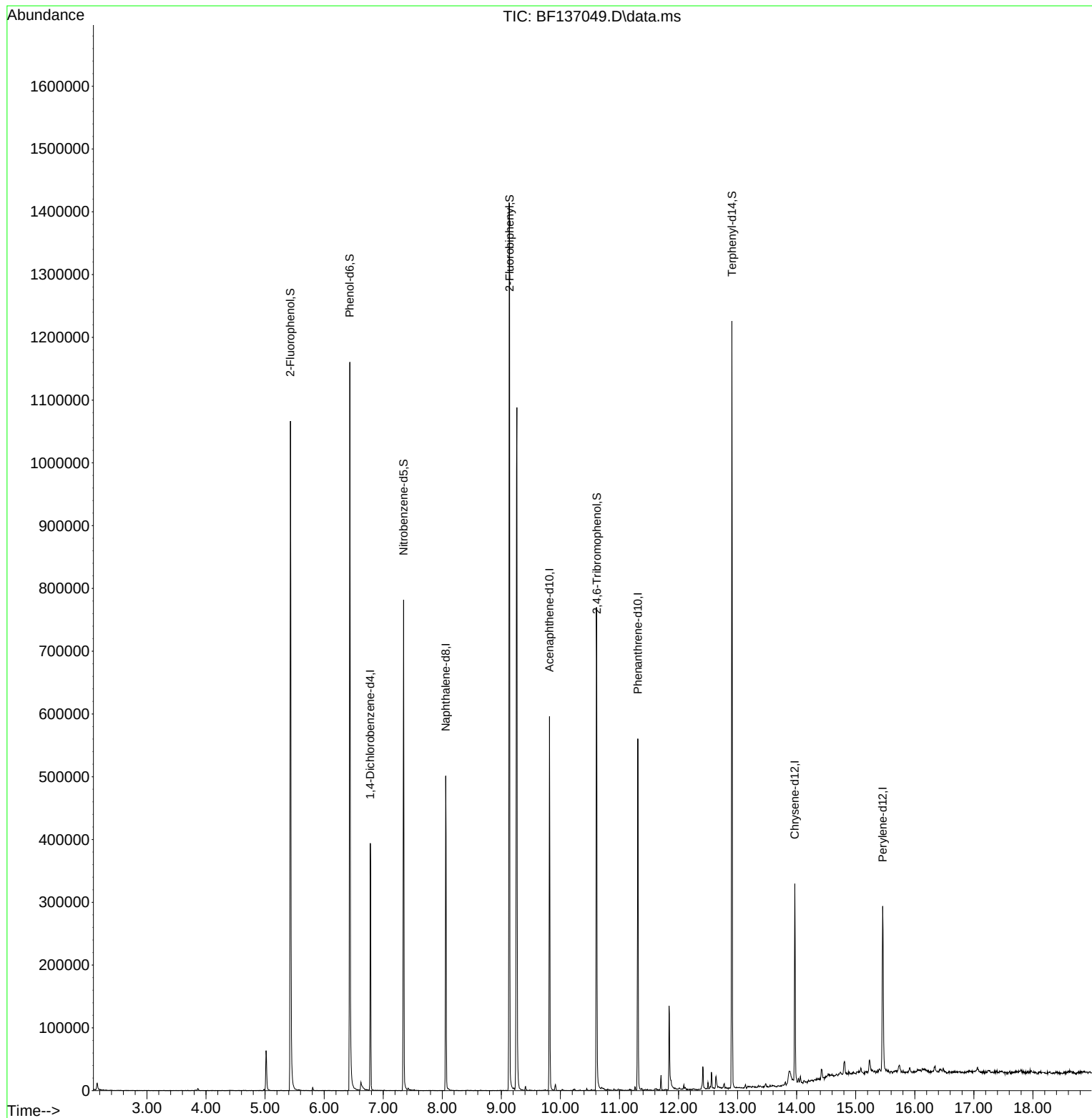
Target Compounds	Qvalue

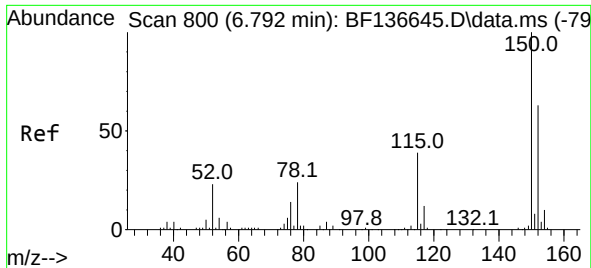
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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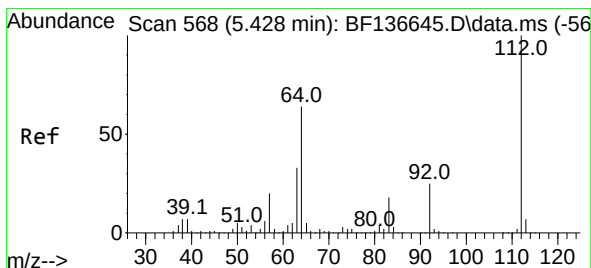
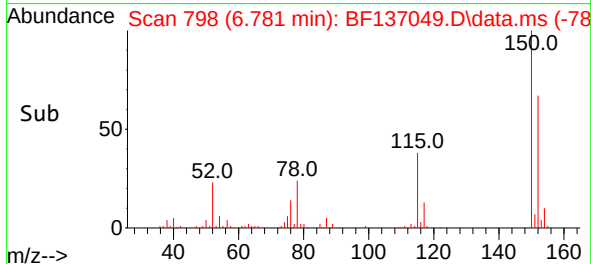
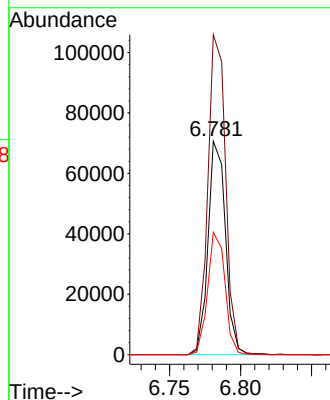
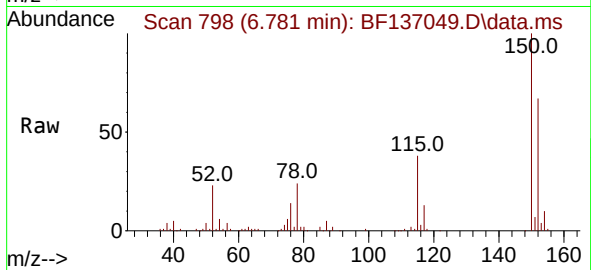




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF137049.D
 Acq: 12 Jan 2024 15:30

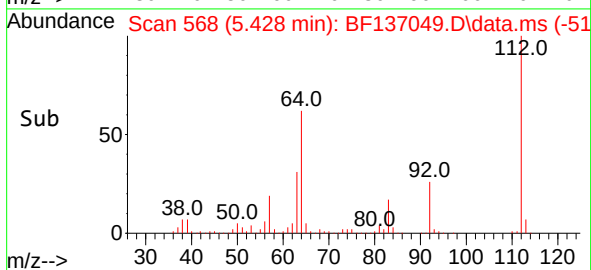
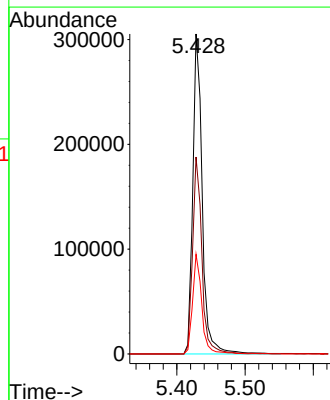
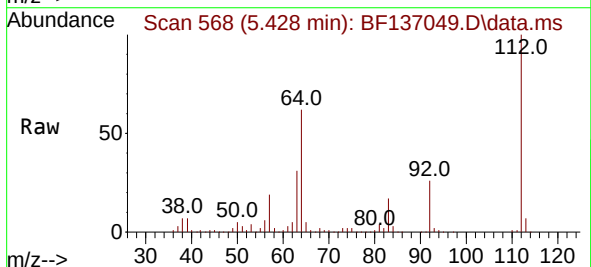
Instrument :
 BNA_F
 ClientSampleId :
 BASIN-5-TRUCK-STOP-BOTTOM

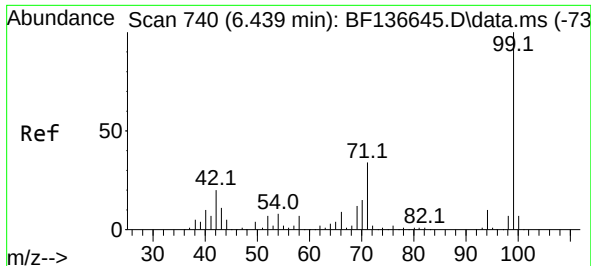
Tgt Ion:152 Resp: 60315
 Ion Ratio Lower Upper
 152 100
 150 149.8 127.0 190.6
 115 57.3 49.0 73.4



#5
 2-Fluorophenol
 Concen: 75.593 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF137049.D
 Acq: 12 Jan 2024 15:30

Tgt Ion:112 Resp: 292216
 Ion Ratio Lower Upper
 112 100
 64 61.5 51.1 76.7
 63 31.1 26.1 39.1





#7

Phenol-d6

Concen: 76.042 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137049.D

Acq: 12 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

BASIN-5-TRUCK-STOP-BOTTOM

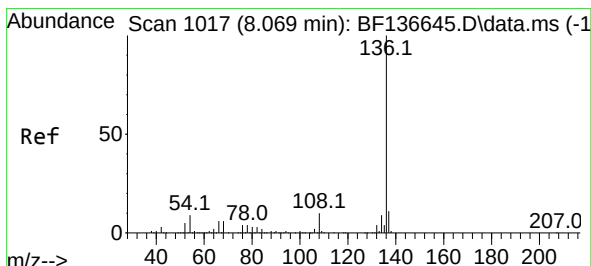
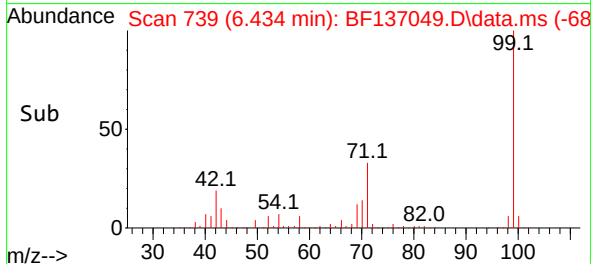
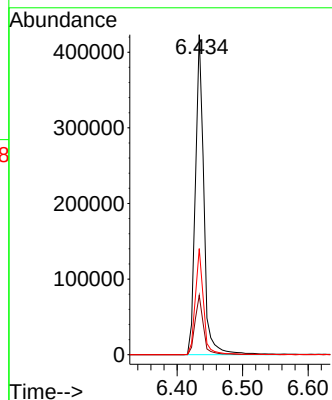
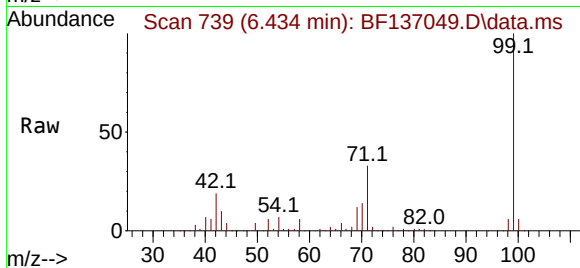
Tgt Ion: 99 Resp: 380890

Ion Ratio Lower Upper

99 100

42 18.6 16.1 24.1

71 33.1 27.4 41.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.012 min

Lab File: BF137049.D

Acq: 12 Jan 2024 15:30

Tgt Ion:136 Resp: 221893

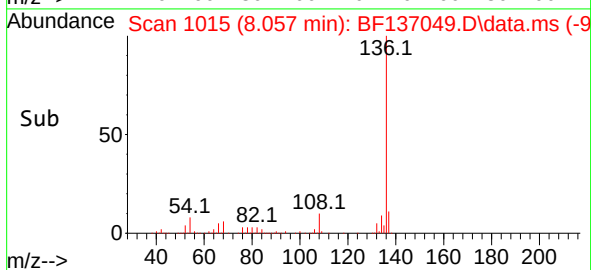
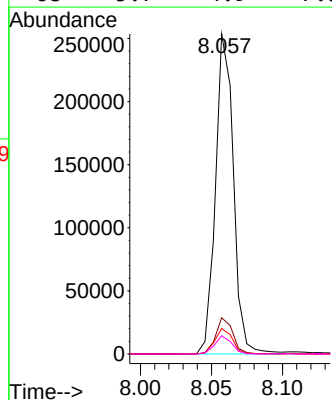
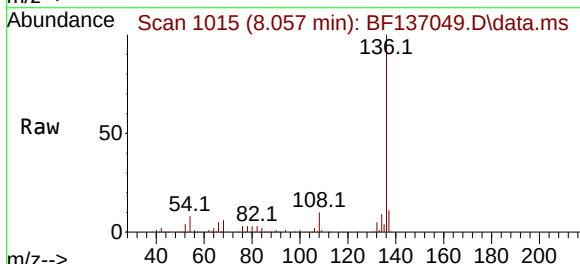
Ion Ratio Lower Upper

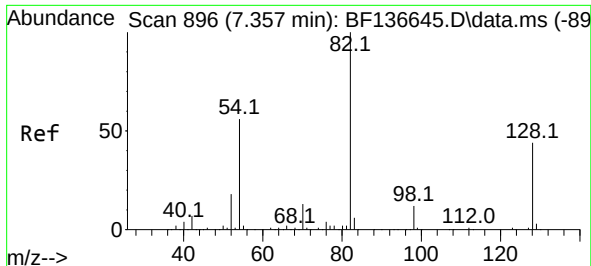
136 100

137 11.3 9.0 13.4

54 7.9 7.2 10.8

68 5.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 51.450 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF137049.D

Acq: 12 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

BASIN-5-TRUCK-STOP-BOTTOM

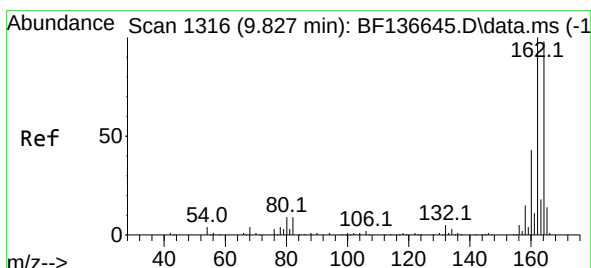
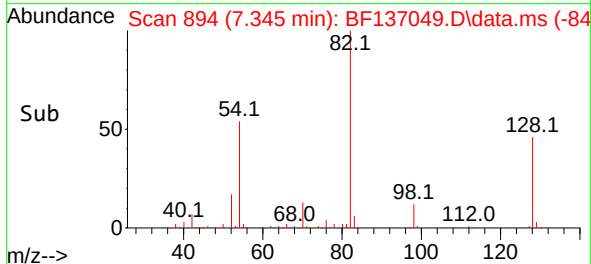
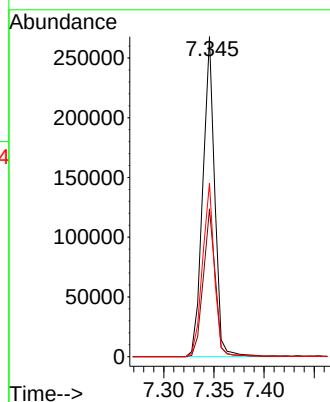
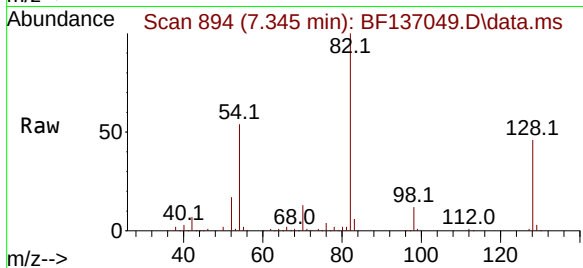
Tgt Ion: 82 Resp: 223102

Ion Ratio Lower Upper

82 100

128 46.2 35.3 52.9

54 54.2 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF137049.D

Acq: 12 Jan 2024 15:30

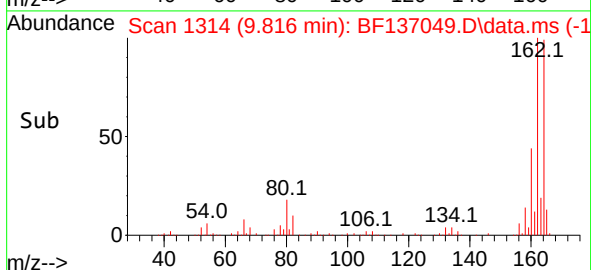
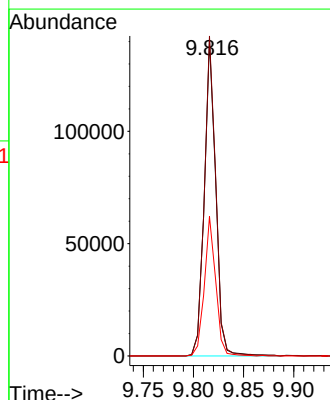
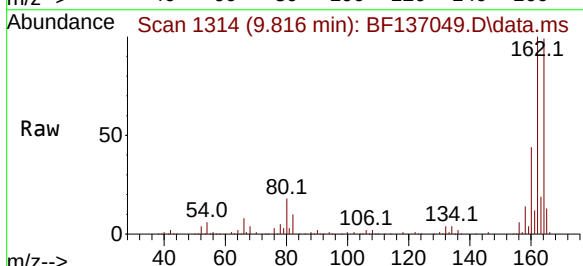
Tgt Ion:164 Resp: 112285

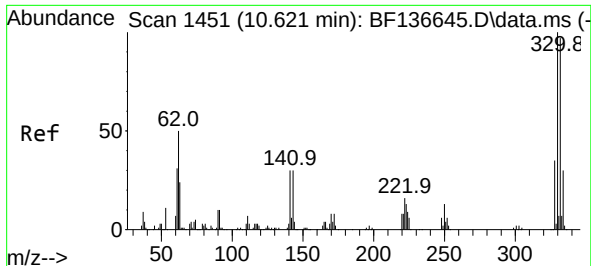
Ion Ratio Lower Upper

164 100

162 101.3 81.6 122.4

160 44.2 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 80.548 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137049.D

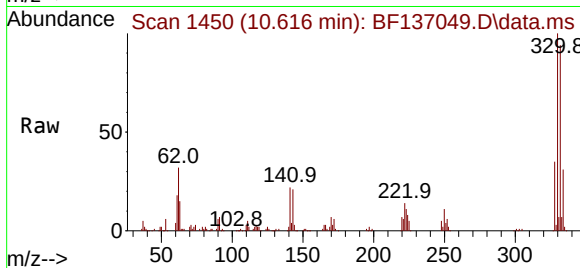
Acq: 12 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

BASIN-5-TRUCK-STOP-BOTTOM



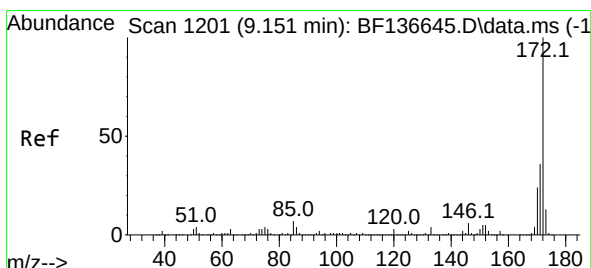
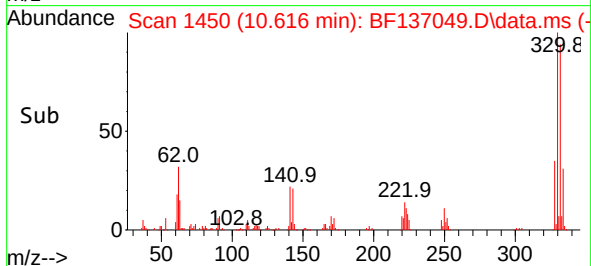
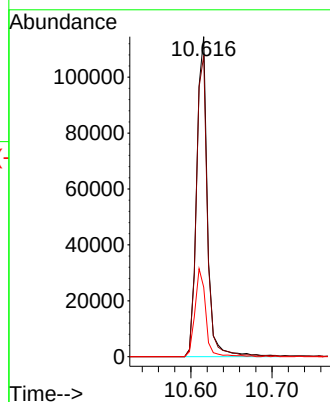
Tgt Ion:330 Resp: 106517

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.0

141 27.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 56.826 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF137049.D

Acq: 12 Jan 2024 15:30

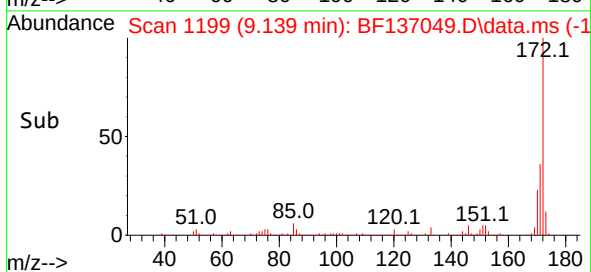
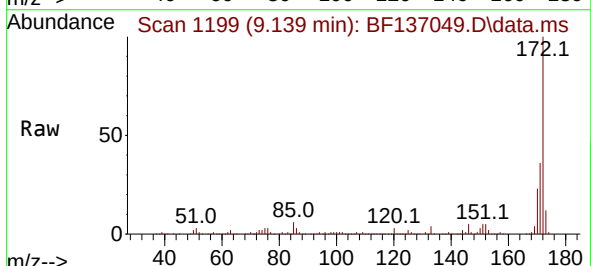
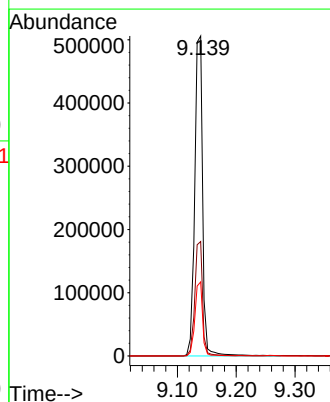
Tgt Ion:172 Resp: 474404

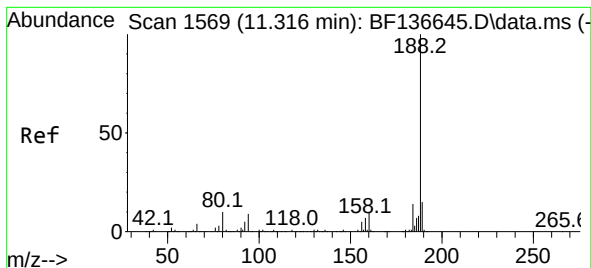
Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

170 23.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137049.D

Acq: 12 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

BASIN-5-TRUCK-STOP-BOTTOM

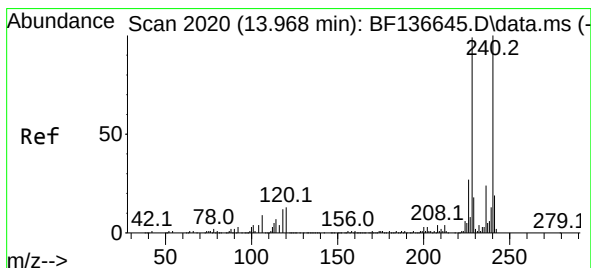
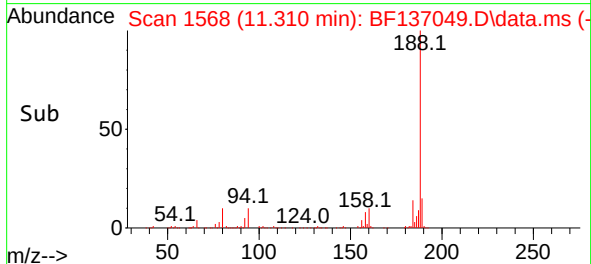
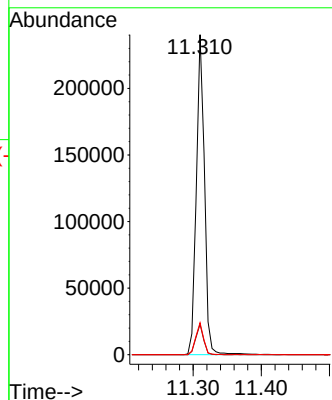
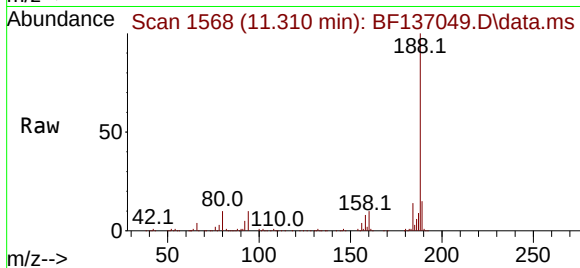
Tgt Ion:188 Resp: 197823

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 10.0 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF137049.D

Acq: 12 Jan 2024 15:30

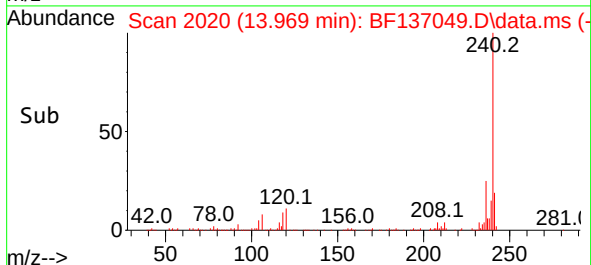
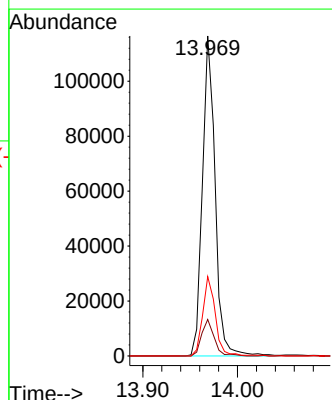
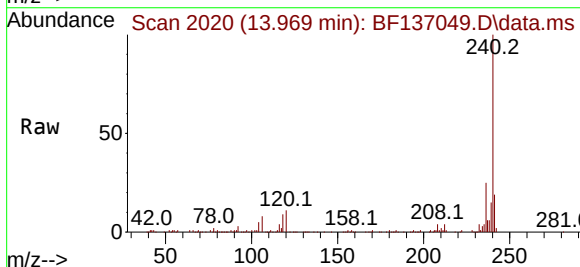
Tgt Ion:240 Resp: 108593

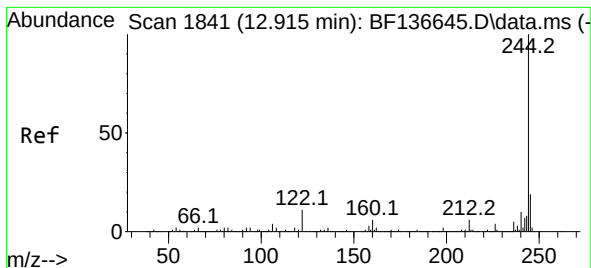
Ion Ratio Lower Upper

240 100

120 11.4 10.3 15.5

236 24.8 19.4 29.2





#79

Terphenyl-d14

Concen: 52.445 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF137049.D

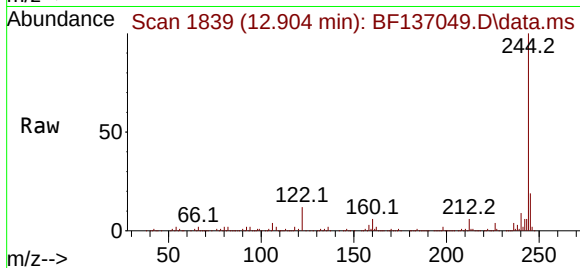
Acq: 12 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

BASIN-5-TRUCK-STOP-BOTTOM



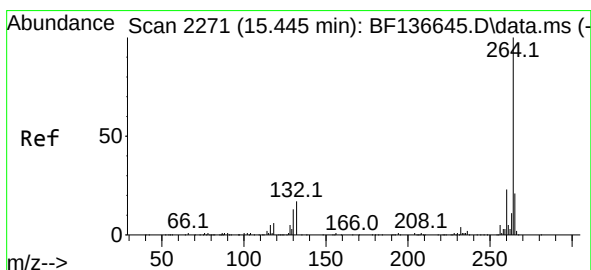
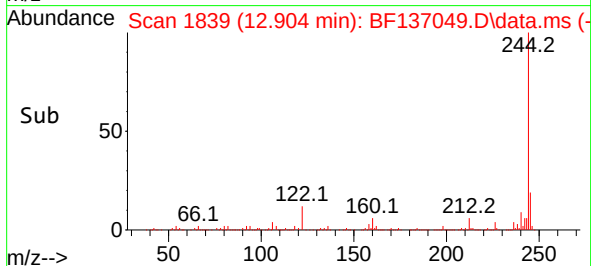
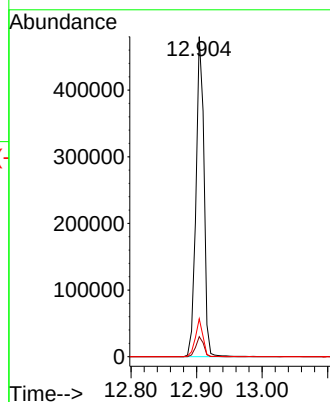
Tgt Ion:244 Resp: 407533

Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.4

122 11.8 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.012 min

Lab File: BF137049.D

Acq: 12 Jan 2024 15:30

Tgt Ion:264 Resp: 133895

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 21.1 17.0 25.6

