

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)

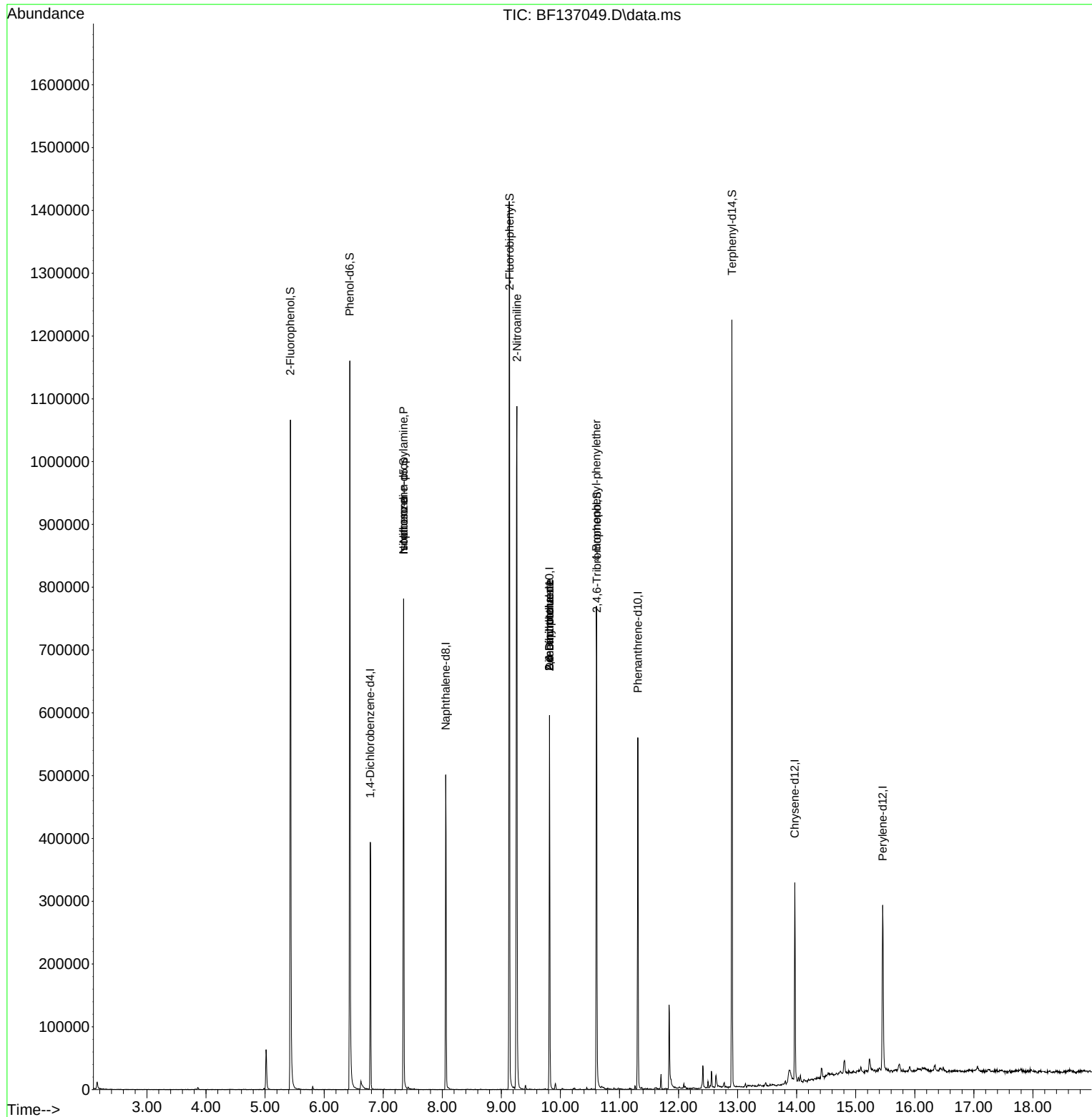
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	60315	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	221893	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	112285	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	197823	20.000	ng	0.00
76) Chrysene-d12	13.969	240	108593	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.345	70	28150	9.271	ng	# 75
25) Isophorone	7.345	82	223097	28.275	ng	# 65
48) 2-Nitroaniline	9.263	65	11648	5.193	ng	# 13
50) Dimethylphthalate	9.816	163	20837	2.541	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	14388	7.730	ng	# 31
57) 2,4-Dinitrotoluene	9.816	165	14388	5.954	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	6020	2.740	ng	# 1

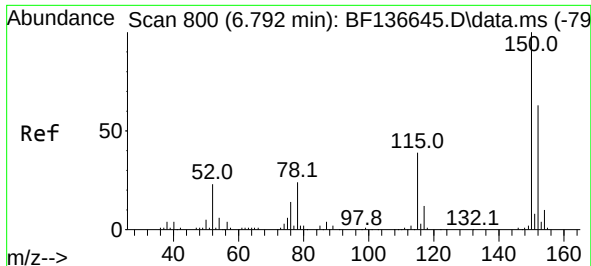
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 21 01:54:25 2023
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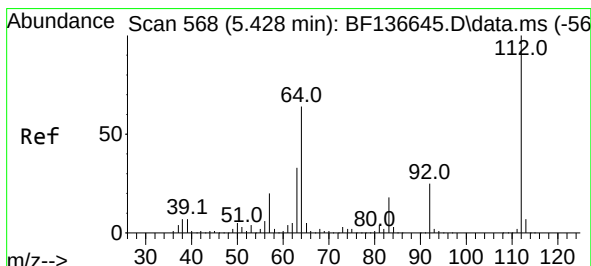
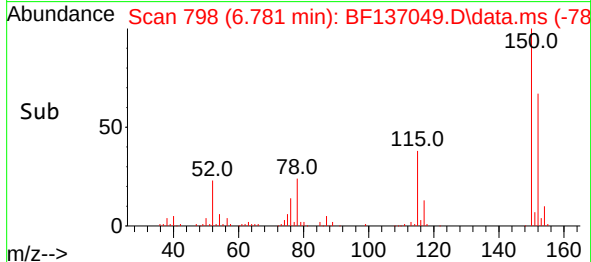
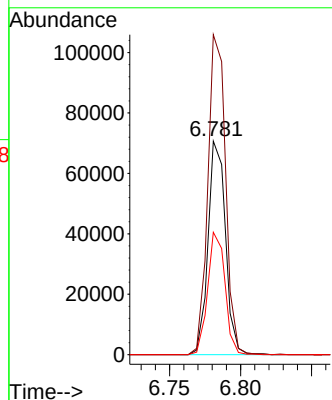
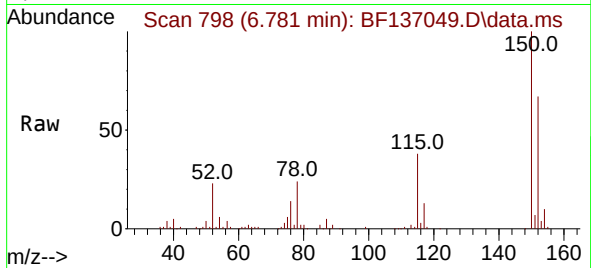




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137049.D
Acq: 12 Jan 2024 15:30

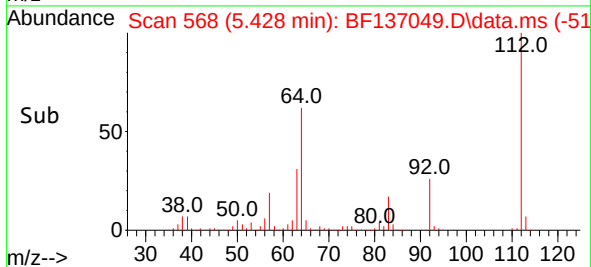
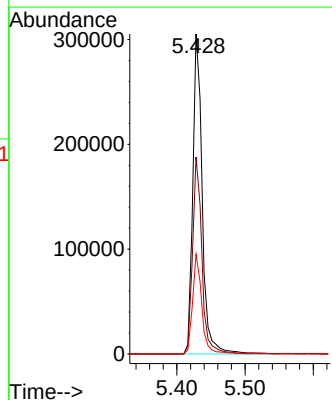
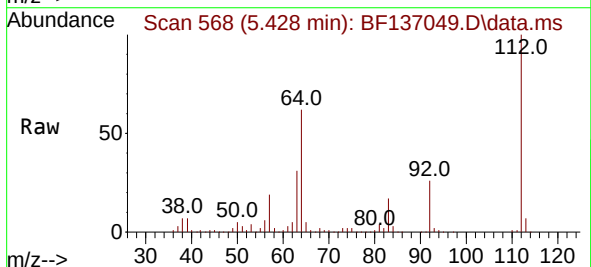
Instrument :
BNA_F
ClientSampleId :
BASIN-5-TRUCK-STOP-BOTTOM

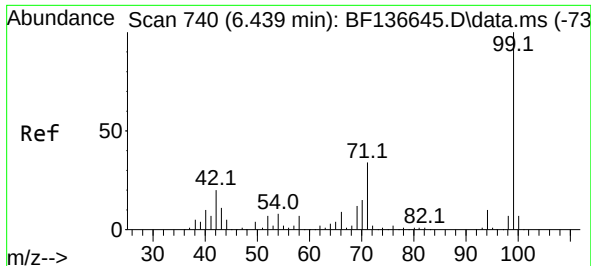
Tgt Ion:152 Resp: 60315
Ion Ratio Lower Upper
152 100
150 149.8 127.0 190.6
115 57.3 49.0 73.4



#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

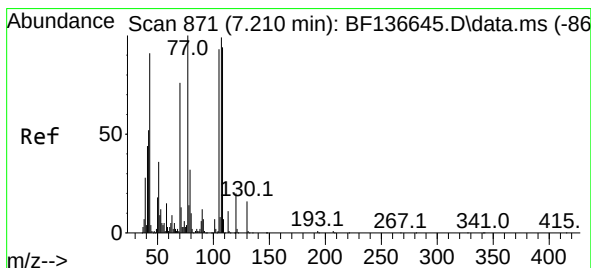
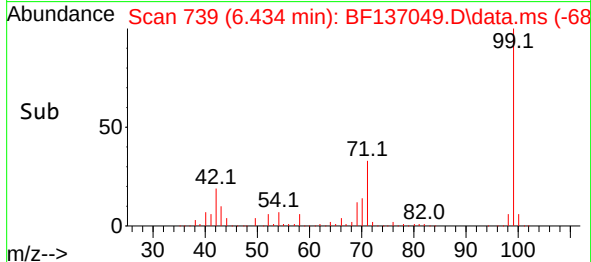
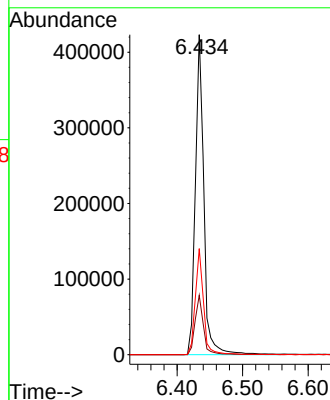
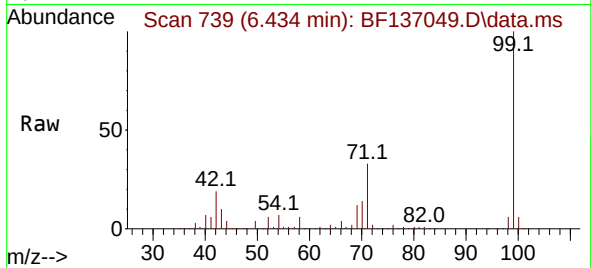




#7
Phenol-d6
Concen: 76.042 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137049.D
Acq: 12 Jan 2024 15:30

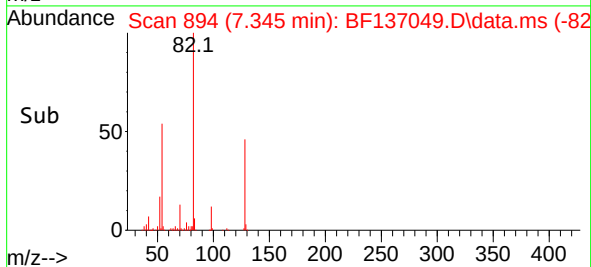
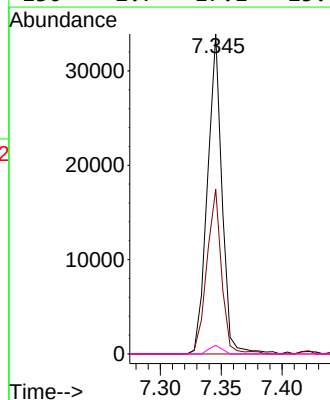
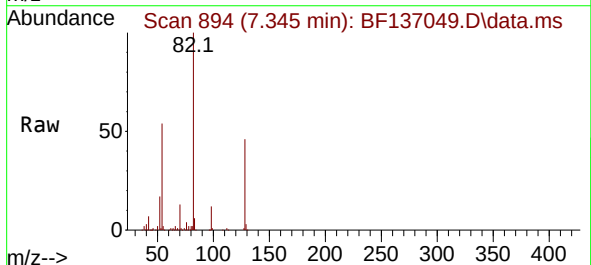
Instrument :
BNA_F
ClientSampleId :
BASIN-5-TRUCK-STOP-BOTTOM

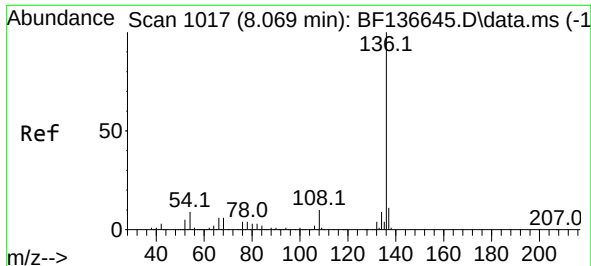
Tgt Ion: 99 Resp: 380890
Ion Ratio Lower Upper
99 100
42 18.6 16.1 24.1
71 33.1 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.271 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF137049.D
Acq: 12 Jan 2024 15:30

Tgt Ion: 70 Resp: 28150
Ion Ratio Lower Upper
70 100
42 51.5 54.2 81.4#
101 0.0 7.6 11.4#
130 2.7 17.1 25.7#

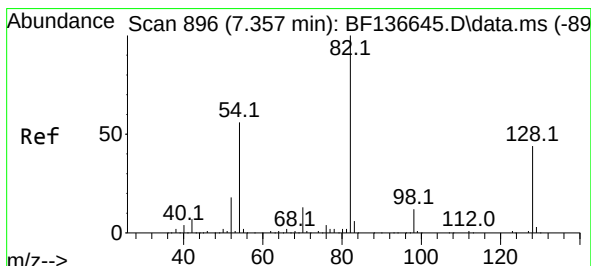
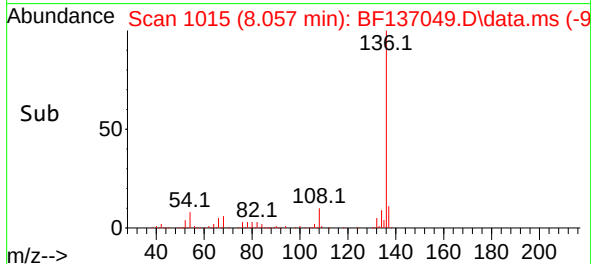
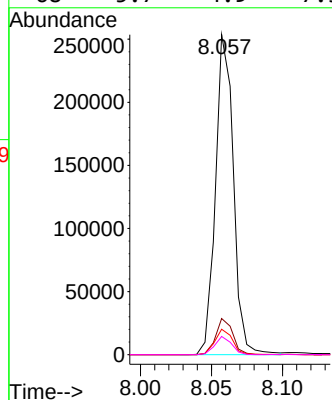
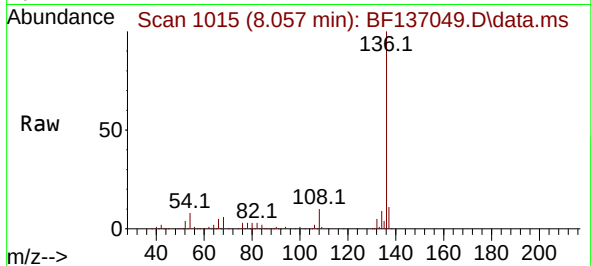




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF137049.D
Acq: 12 Jan 2024 15:30

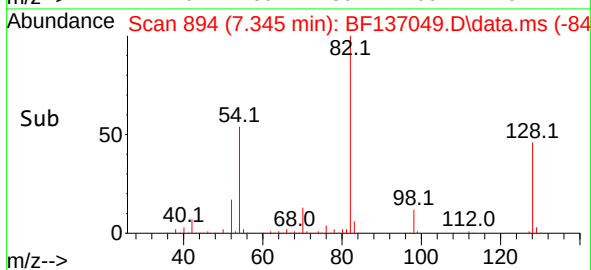
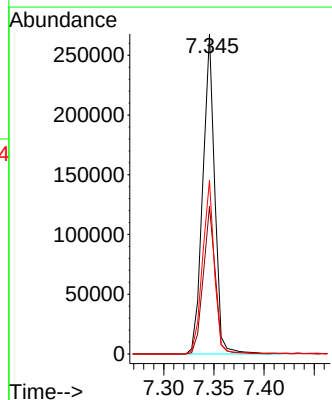
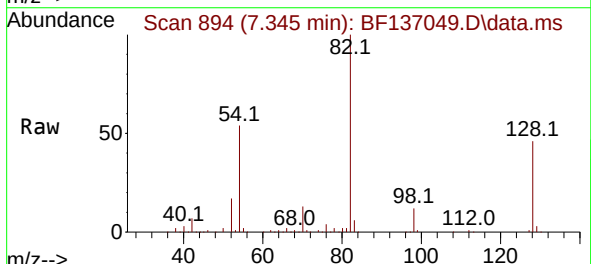
Instrument :
BNA_F
ClientSampleId :
BASIN-5-TRUCK-STOP-BOTTOM

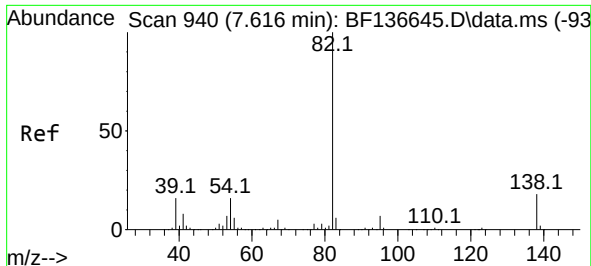
Tgt Ion:	136	Resp:	221893
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	7.9	7.2	10.8
68	5.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 51.450 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF137049.D
Acq: 12 Jan 2024 15:30

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

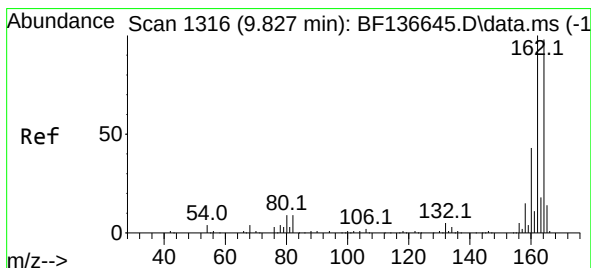
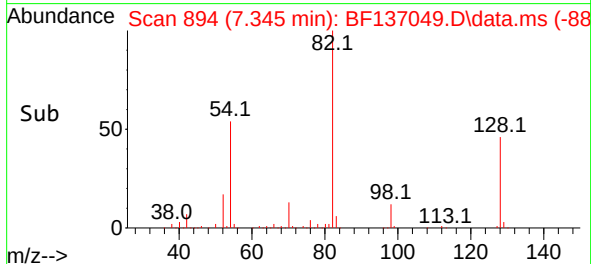
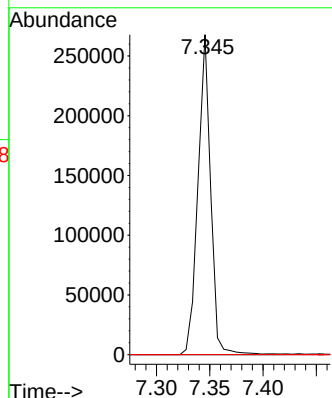
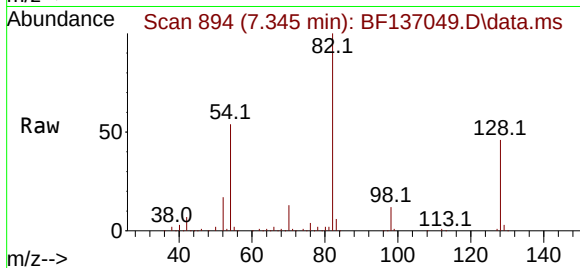




#25
Isophorone
Concen: 28.275 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF137049.D
Acq: 12 Jan 2024 15:30

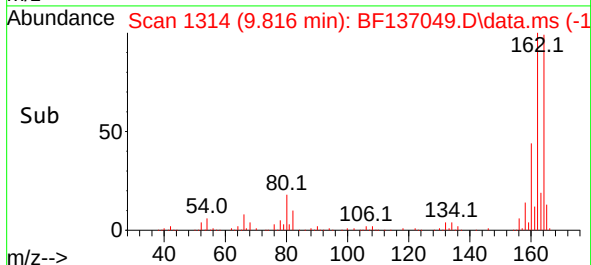
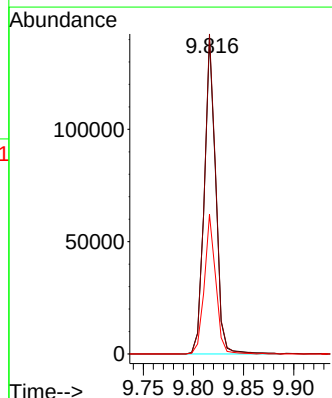
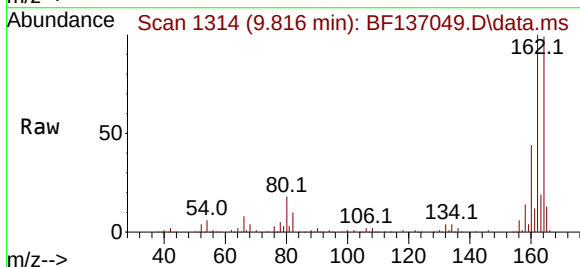
Instrument :
BNA_F
ClientSampleId :
BASIN-5-TRUCK-STOP-BOTTOM

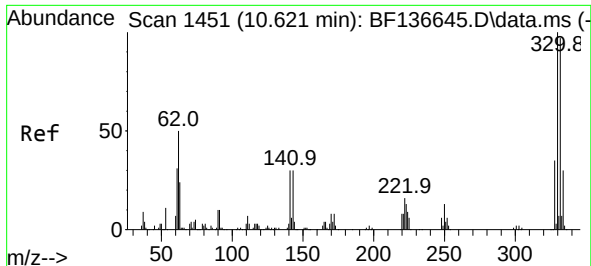
Tgt Ion: 82 Resp: 223097
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#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

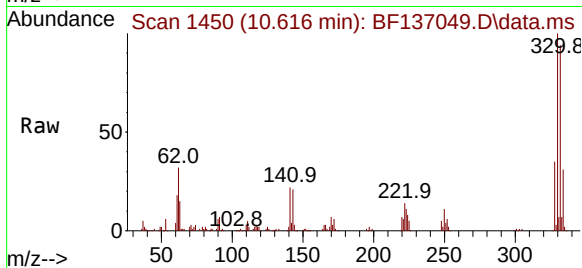
Acq: 12 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

BASIN-5-TRUCK-STOP-BOTTOM



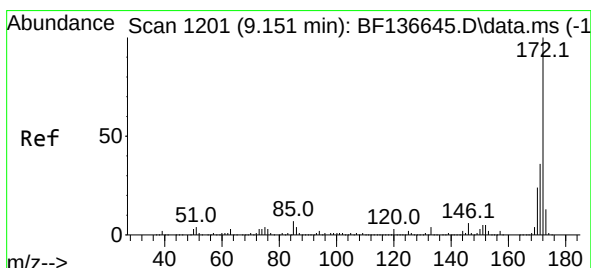
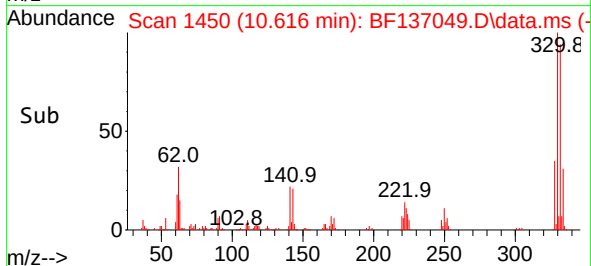
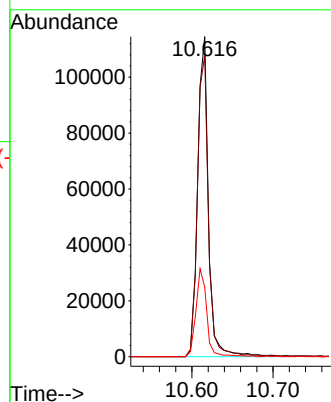
Tgt Ion:330 Resp: 106517

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

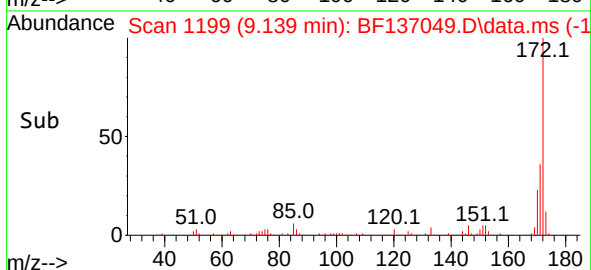
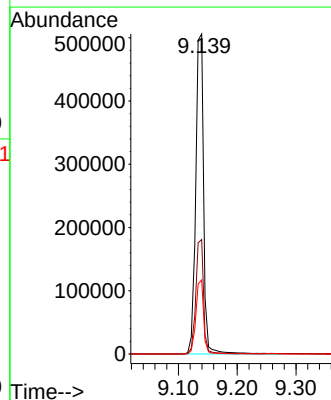
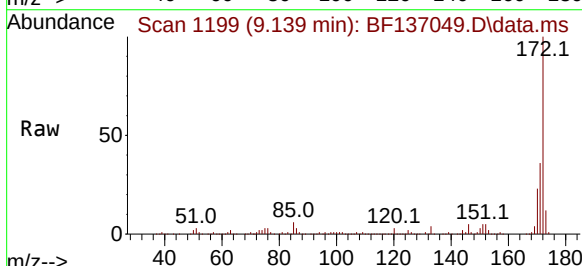
Tgt Ion:172 Resp: 474404

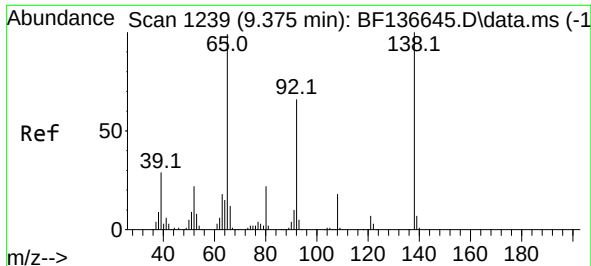
Ion Ratio Lower Upper

172 100

171 35.8 29.0 43.6

170 23.2 19.0 28.4

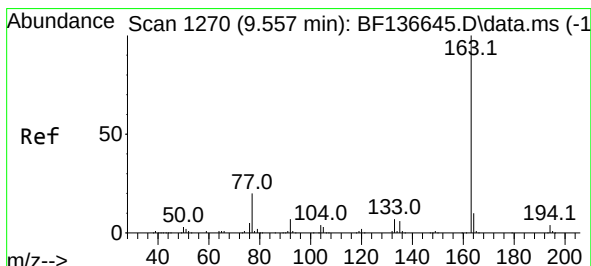
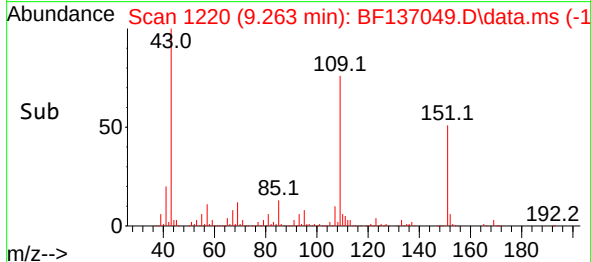
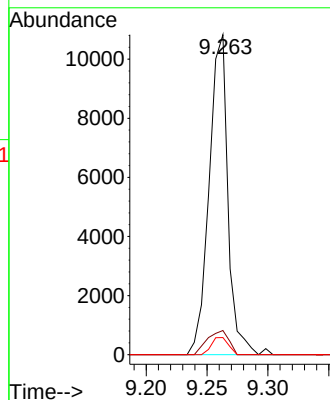
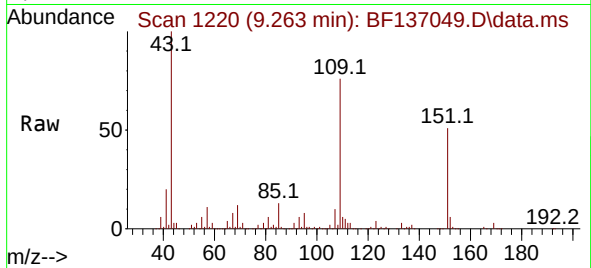




#48
2-Nitroaniline
Concen: 5.193 ng
RT: 9.263 min Scan# 11
Delta R.T. -0.112 min
Lab File: BF137049.D
Acq: 12 Jan 2024 15:30

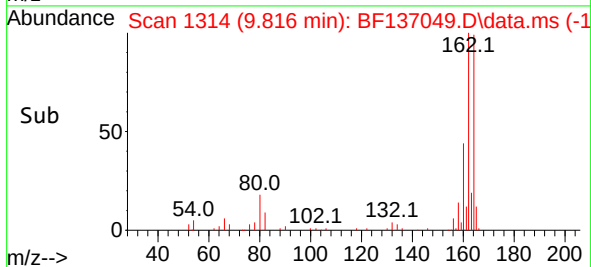
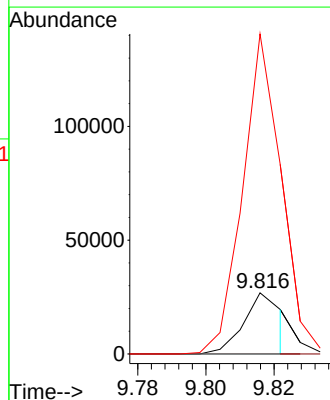
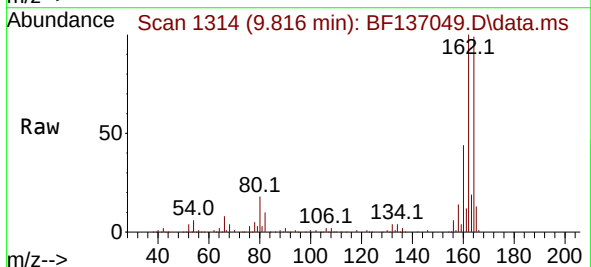
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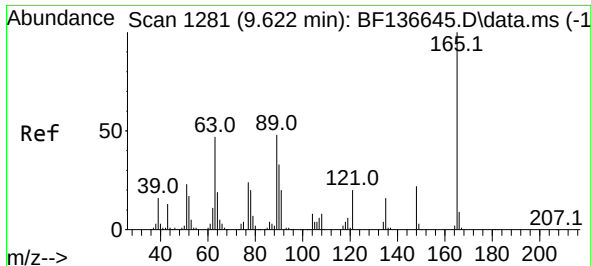
Tgt Ion: 65 Resp: 11648
Ion Ratio Lower Upper
65 100
92 7.5 53.2 79.8#
138 5.4 81.1 121.7#



#50
Dimethylphthalate
Concen: 2.541 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF137049.D
Acq: 12 Jan 2024 15:30

Tgt Ion: 163 Resp: 20837
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 522.9 7.8 11.6#

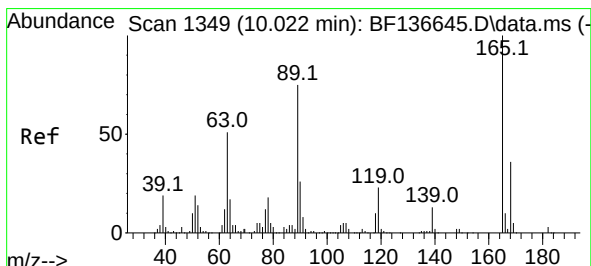
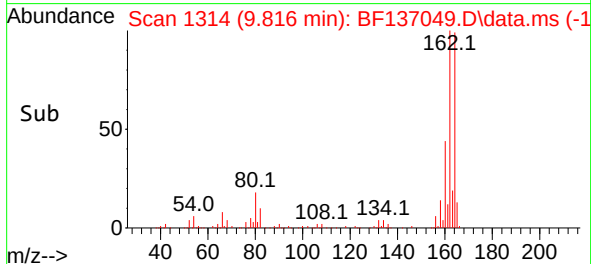
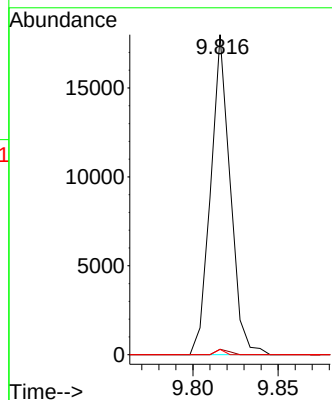
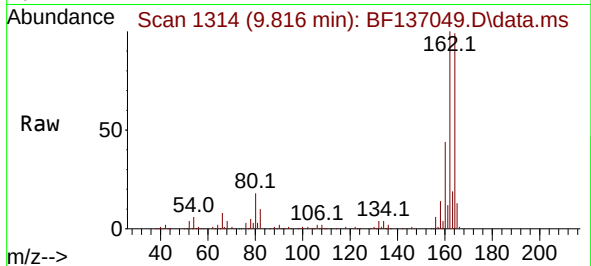




#51
2,6-Dinitrotoluene
Concen: 7.730 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF137049.D
Acq: 12 Jan 2024 15:30

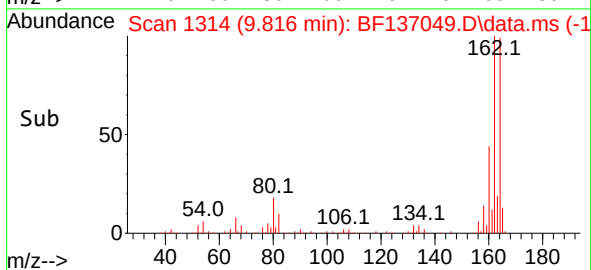
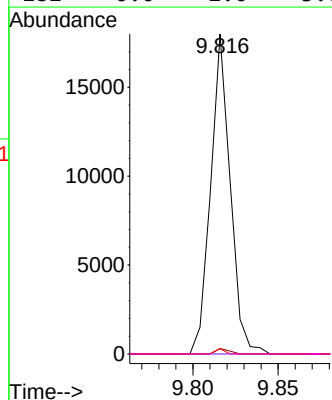
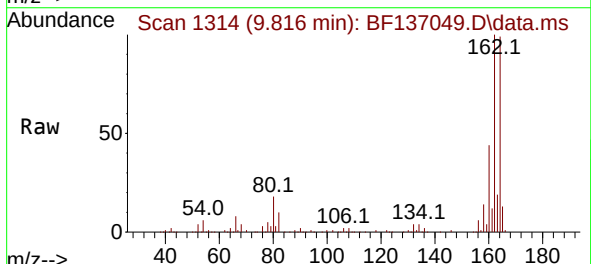
Instrument :
BNA_F
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BASIN-5-TRUCK-STOP-BOTTOM

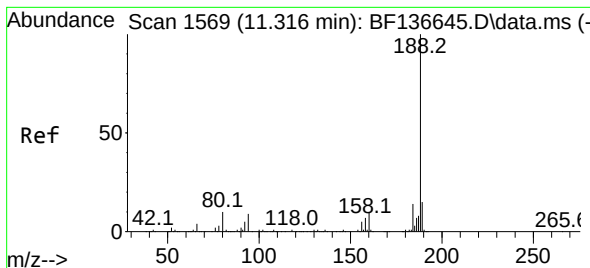
Tgt Ion:165 Resp: 14388
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 1.7 38.8 58.2#



#57
2,4-Dinitrotoluene
Concen: 5.954 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF137049.D
Acq: 12 Jan 2024 15:30

Tgt Ion:165 Resp: 14388
Ion Ratio Lower Upper
165 100
63 1.7 41.0 61.6#
89 1.7 59.9 89.9#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

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

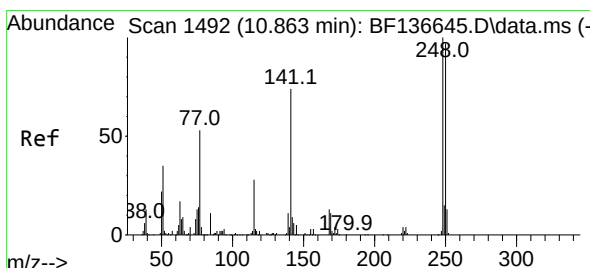
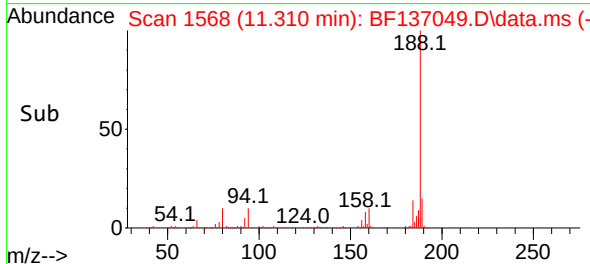
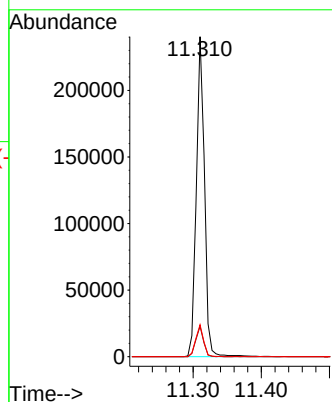
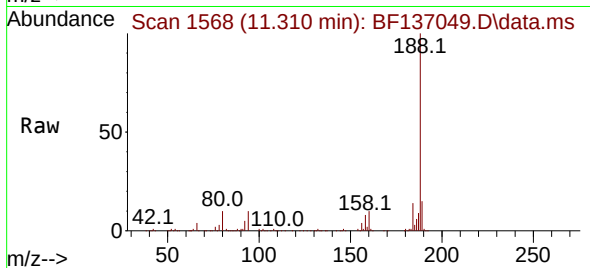
Tgt Ion:188 Resp: 197823

Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 10.0 8.1 12.1



#67

4-Bromophenyl-phenylether

Concen: 2.740 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.253 min

Lab File: BF137049.D

Acq: 12 Jan 2024 15:30

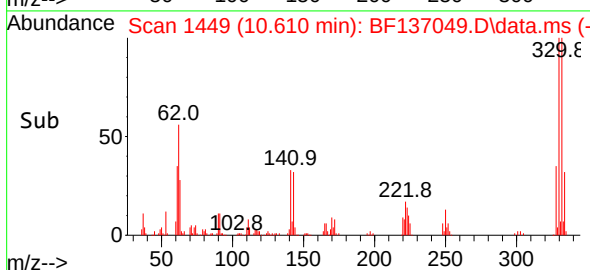
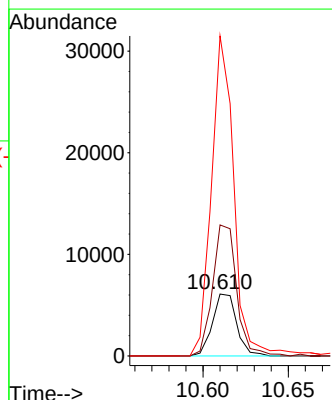
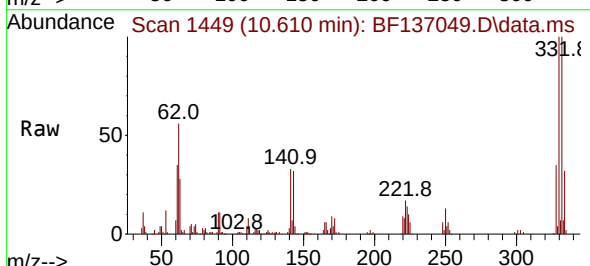
Tgt Ion:248 Resp: 6020

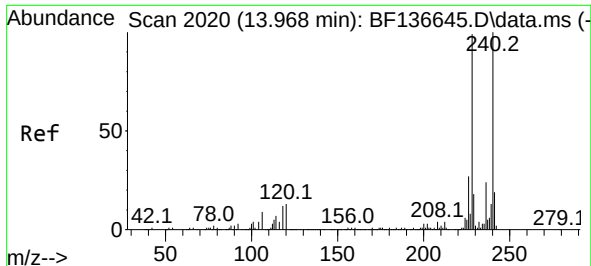
Ion Ratio Lower Upper

248 100

250 211.6 77.8 116.6#

141 516.9 59.2 88.8#

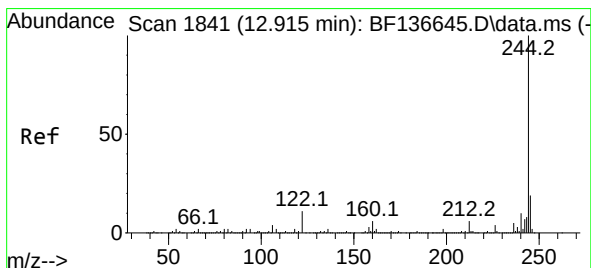
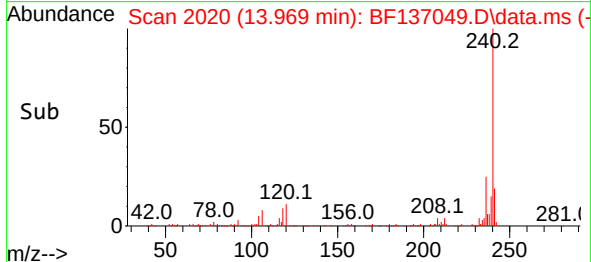
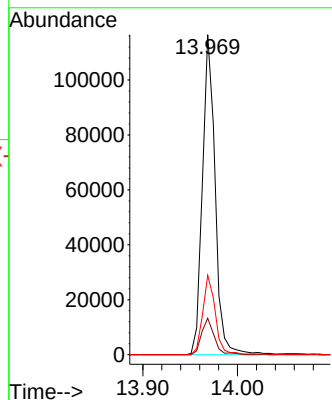
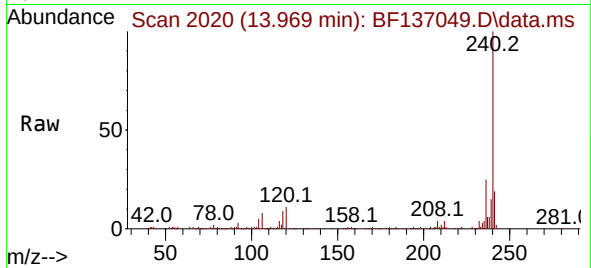




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF137049.D
Acq: 12 Jan 2024 15:30

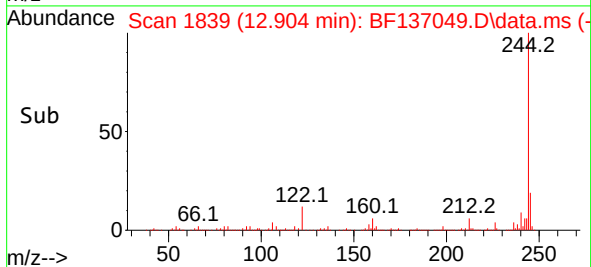
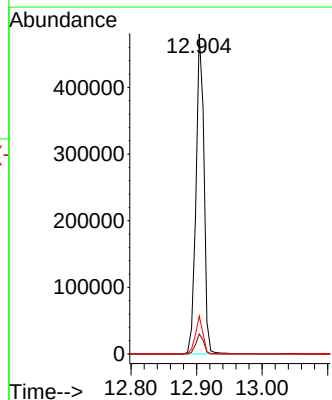
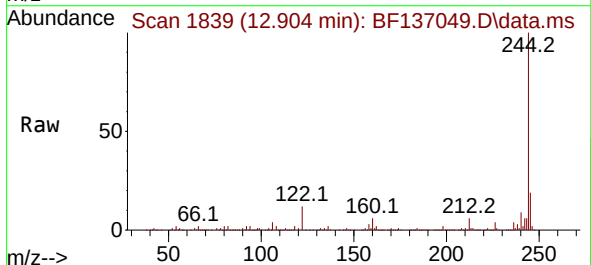
Instrument :
BNA_F
ClientSampleId :
BASIN-5-TRUCK-STOP-BOTTOM

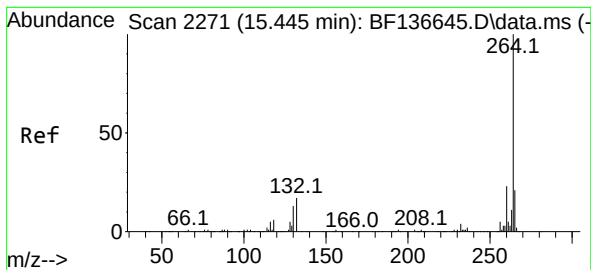
Tgt Ion:240 Resp: 108593
Ion Ratio Lower Upper
240 100
120 11.4 10.3 15.5
236 24.8 19.4 29.2



#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

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# 21

Delta R.T. 0.012 min

Lab File: BF137049.D

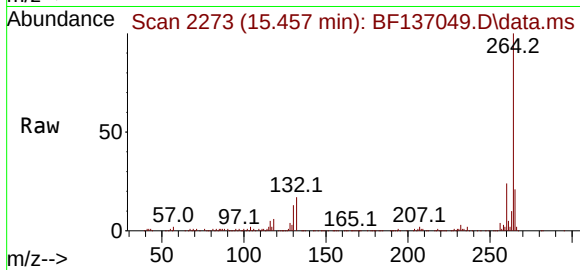
Acq: 12 Jan 2024 15:30

Instrument :

BNA_F

ClientSampleId :

BASIN-5-TRUCK-STOP-BOTTOM



Tgt Ion:264 Resp: 133895

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 21.1 17.0 25.6

