

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
 Data File : BF140023.D
 Acq On : 25 Oct 2024 01:46
 Operator : RC/JU
 Sample : P4470-01 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-102124

Quant Time: Oct 25 03:05:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

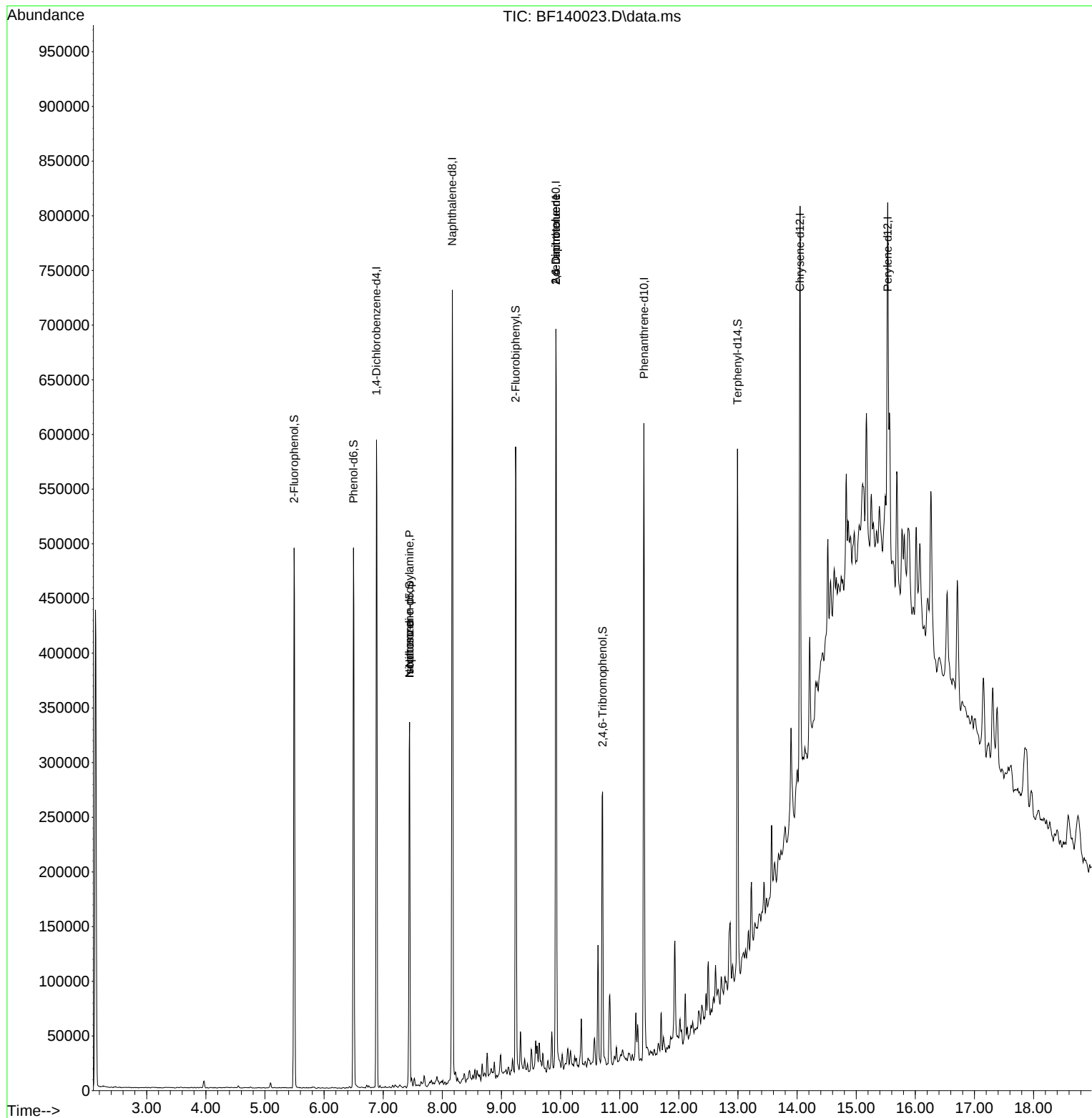
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	117979	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	420386	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	202996	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	301677	20.000	ng	0.00
76) Chrysene-d12	14.051	240	243681	20.000	ng	0.00
86) Perylene-d12	15.533	264	183318	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	169960	22.552	ng	0.00
7) Phenol-d6	6.498	99	209932	21.508	ng	-0.01
23) Nitrobenzene-d5	7.445	82	140514	18.525	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	41879	22.056	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	259556	21.132	ng	-0.01
79) Terphenyl-d14	12.992	244	231257	15.464	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	19145	3.234	ng	# 76
25) Isophorone	7.445	82	138981	9.654	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	26633	9.728	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	27024	8.027	ng	# 21

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

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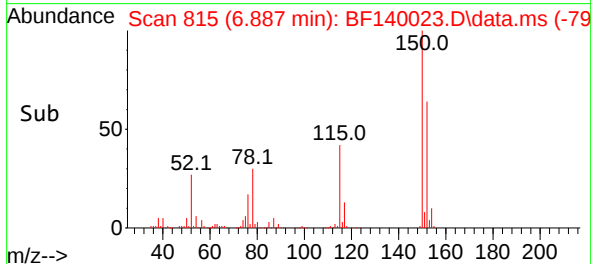
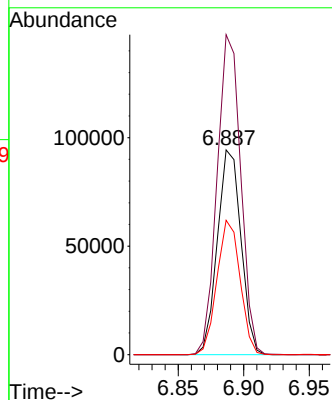
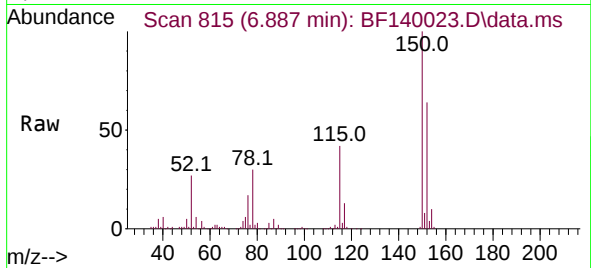




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140023.D
Acq: 25 Oct 2024 01:46

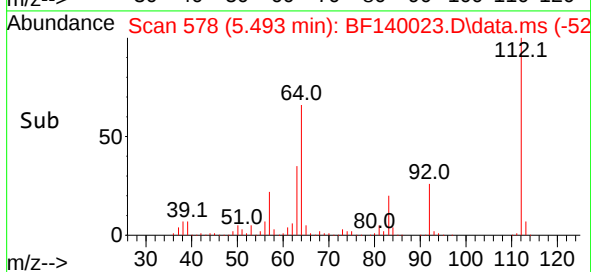
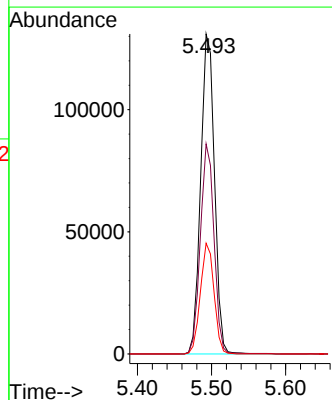
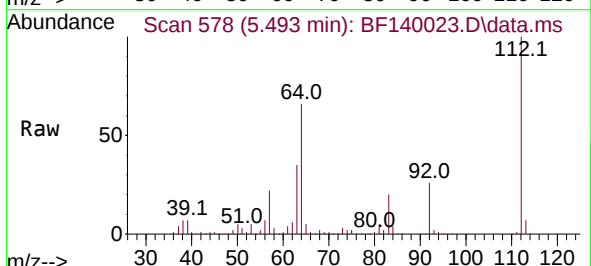
Instrument :
BNA_F
ClientSampleId :
CL-01-102124

Tgt Ion:152 Resp: 117979
Ion Ratio Lower Upper
152 100
150 156.3 130.2 195.2
115 65.6 51.4 77.2



#5
2-Fluorophenol
Concen: 22.552 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140023.D
Acq: 25 Oct 2024 01:46

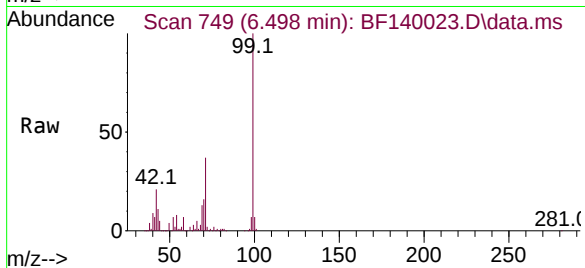
Tgt Ion:112 Resp: 169960
Ion Ratio Lower Upper
112 100
64 65.6 53.0 79.6
63 34.6 27.0 40.4



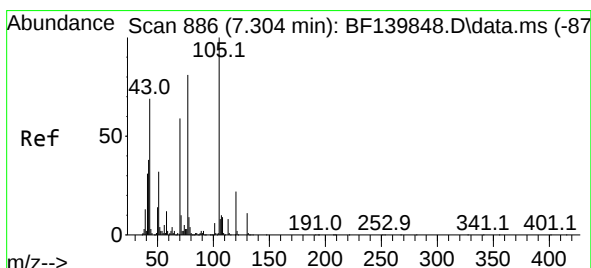
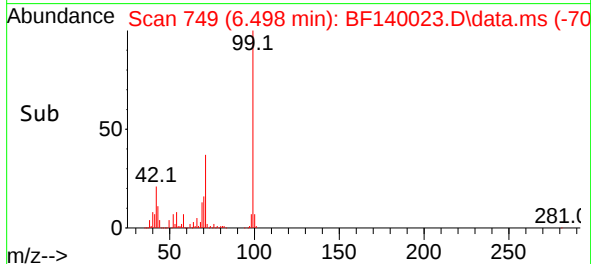
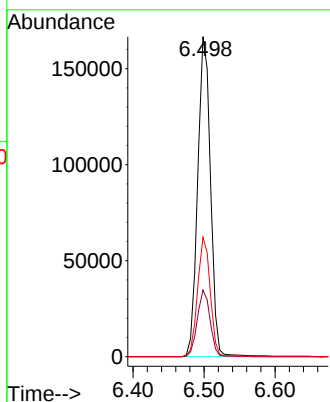


#7
Phenol-d6
Concen: 21.508 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF140023.D
Acq: 25 Oct 2024 01:46

Instrument :
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ClientSampleId :
CL-01-102124

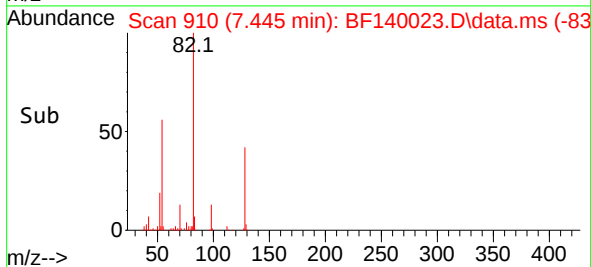
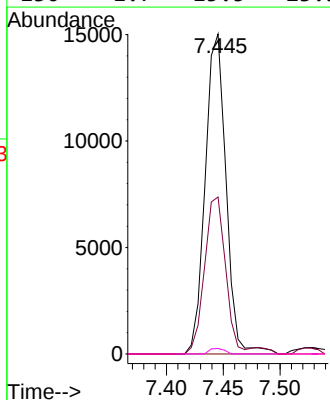
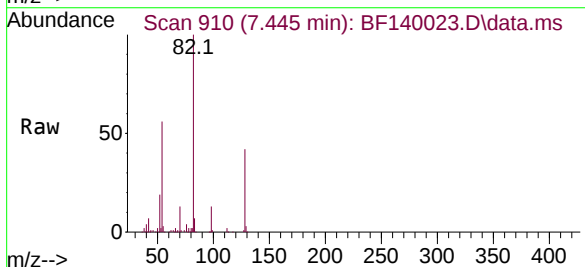


Tgt Ion: 99 Resp: 209932
Ion Ratio Lower Upper
99 100
42 20.8 16.7 25.1
71 37.3 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 3.234 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140023.D
Acq: 25 Oct 2024 01:46

Tgt Ion: 70 Resp: 19145
Ion Ratio Lower Upper
70 100
42 49.1 51.5 77.3#
101 0.0 7.5 11.3#
130 1.7 15.5 23.3#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140023.D
Acq: 25 Oct 2024 01:46

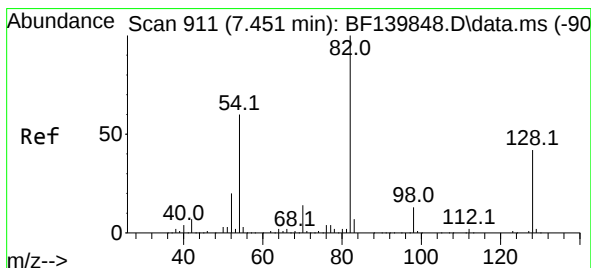
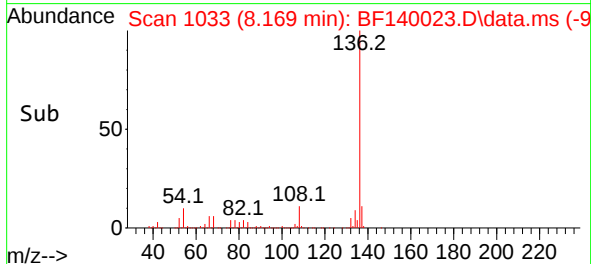
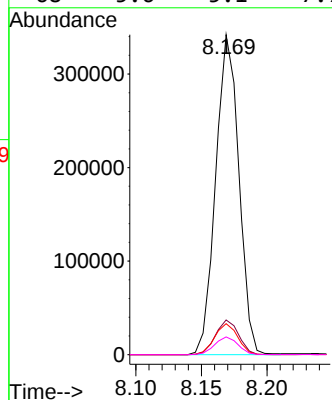
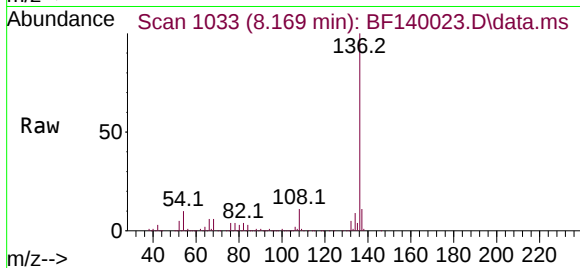
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BNA_F

ClientSampleId :

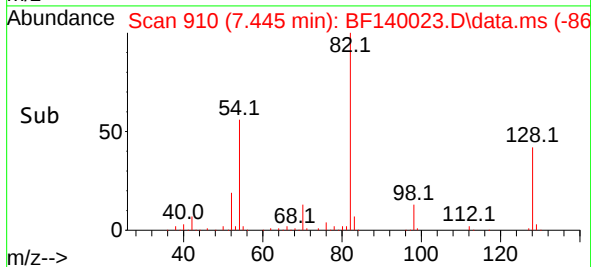
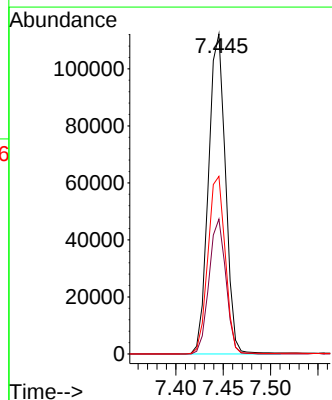
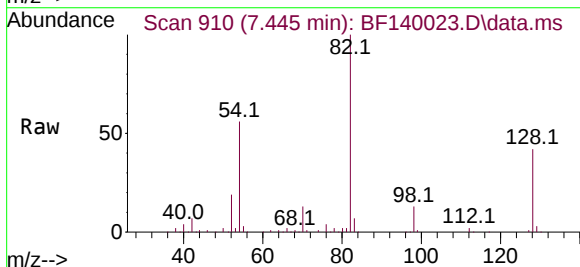
CL-01-102124

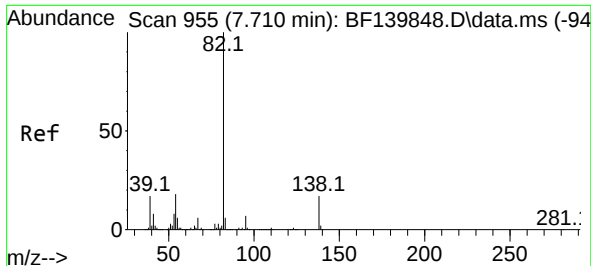
Tgt Ion:136 Resp: 420386
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.7 8.4 12.6
68 5.6 5.1 7.7



#23
Nitrobenzene-d5
Concen: 18.525 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140023.D
Acq: 25 Oct 2024 01:46

Tgt Ion: 82 Resp: 140514
Ion Ratio Lower Upper
82 100
128 42.1 33.4 50.0
54 55.5 47.8 71.8

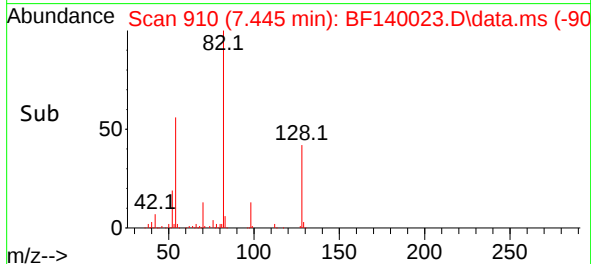
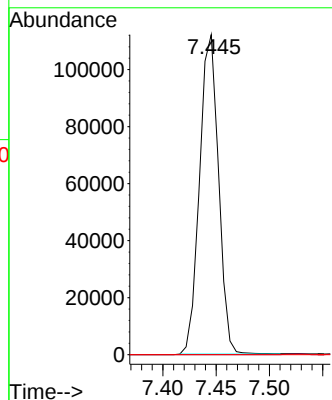
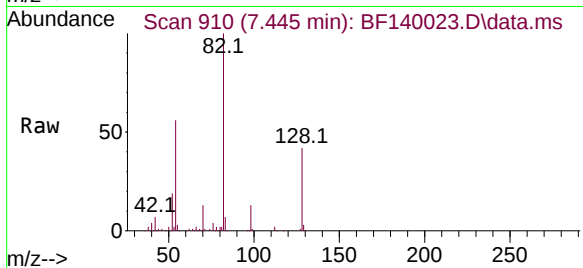




#25
Isophorone
Concen: 9.654 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140023.D
Acq: 25 Oct 2024 01:46

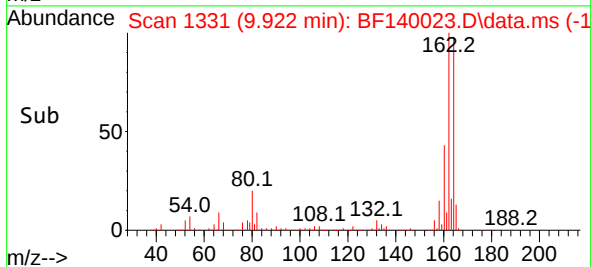
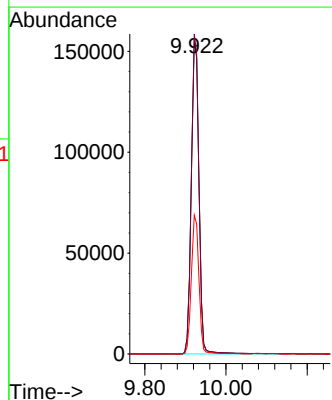
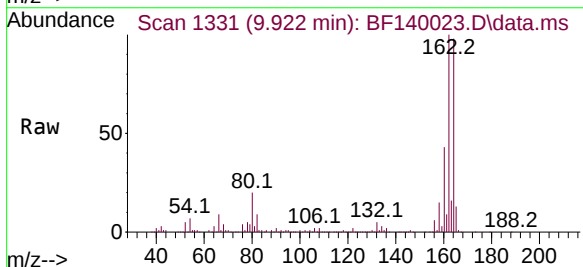
Instrument :
BNA_F
ClientSampleId :
CL-01-102124

Tgt Ion: 82 Resp: 138981
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140023.D
Acq: 25 Oct 2024 01:46

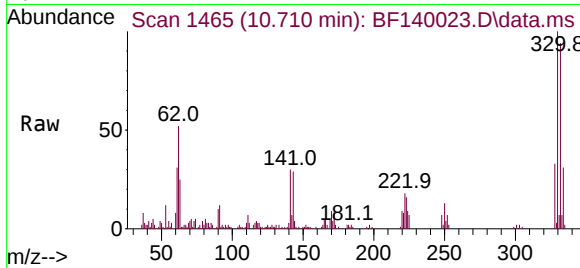
Tgt Ion: 164 Resp: 202996
Ion Ratio Lower Upper
164 100
162 101.8 81.0 121.4
160 44.1 35.4 53.0



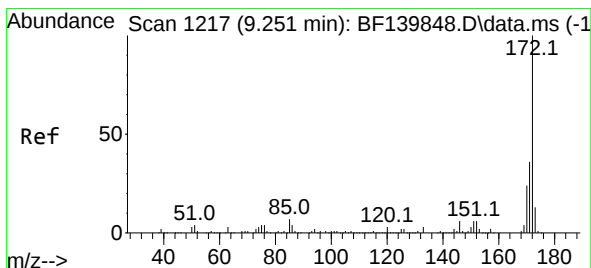
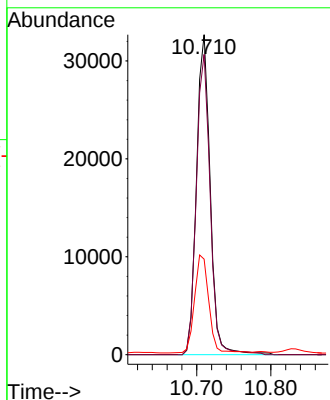
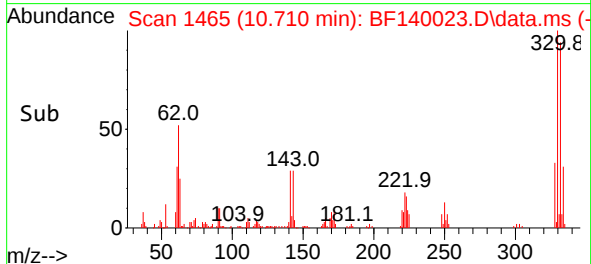


#42
2,4,6-Tribromophenol
Concen: 22.056 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF140023.D
Acq: 25 Oct 2024 01:46

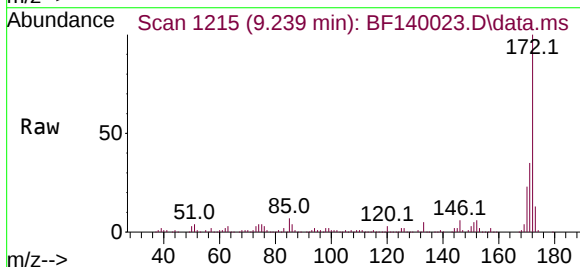
Instrument :
BNA_F
ClientSampleId :
CL-01-102124



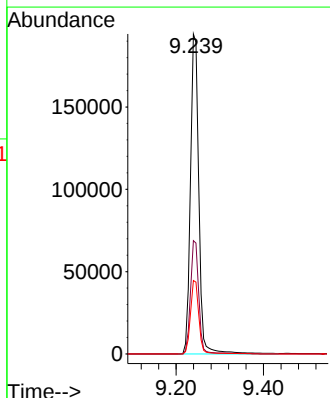
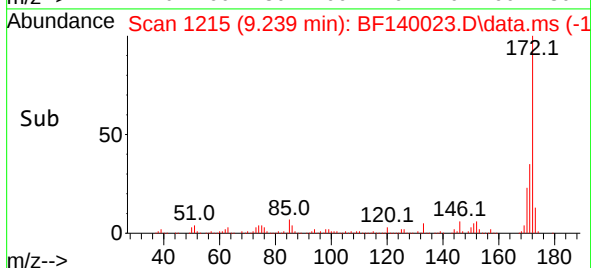
Tgt Ion:330 Resp: 41879
Ion Ratio Lower Upper
330 100
332 95.0 78.1 117.1
141 31.9 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 21.132 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140023.D
Acq: 25 Oct 2024 01:46



Tgt Ion:172 Resp: 259556
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.0 19.1 28.7

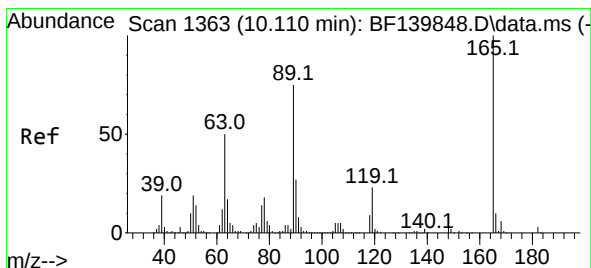
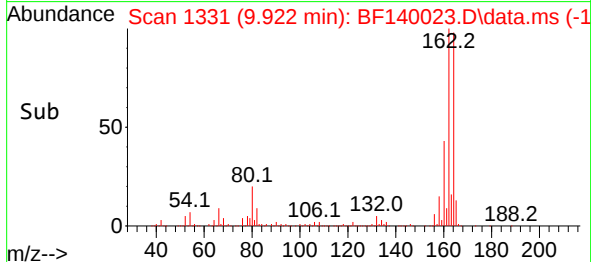
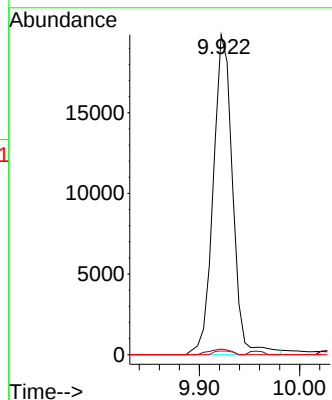
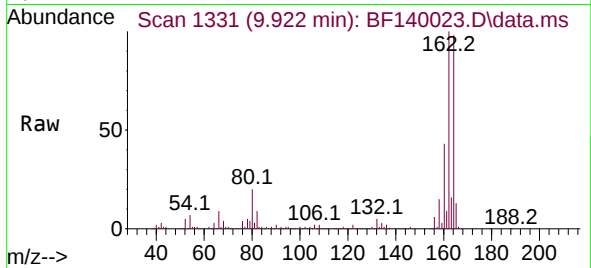




#51
2,6-Dinitrotoluene
Concen: 9.728 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140023.D
Acq: 25 Oct 2024 01:46

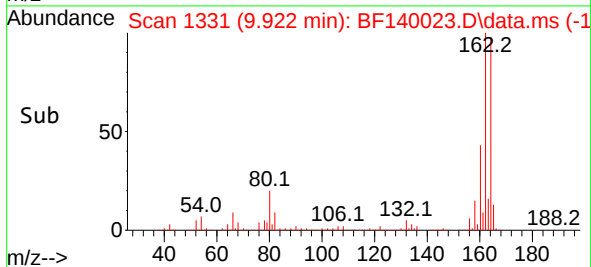
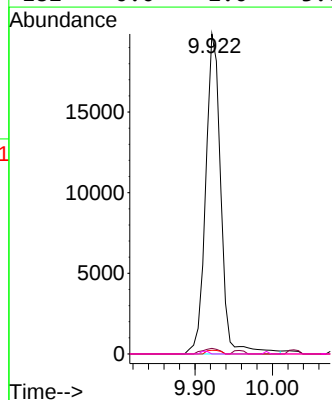
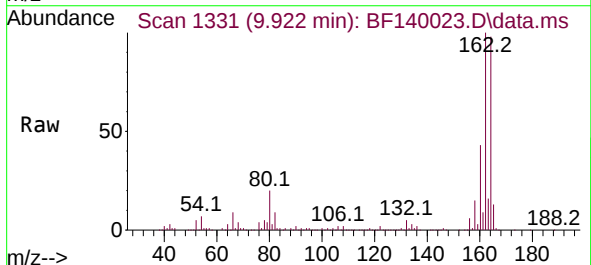
Instrument :
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CL-01-102124

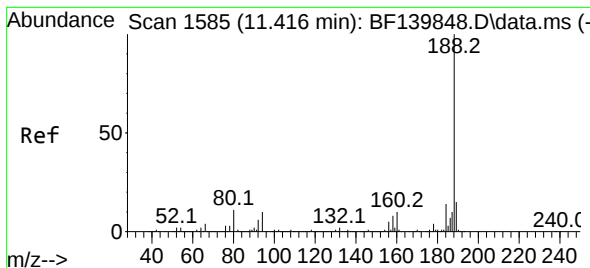
Tgt Ion:165 Resp: 26633
Ion Ratio Lower Upper
165 100
63 1.8 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 8.027 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140023.D
Acq: 25 Oct 2024 01:46

Tgt Ion:165 Resp: 27024
Ion Ratio Lower Upper
165 100
63 1.8 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140023.D

Acq: 25 Oct 2024 01:46

Instrument :

BNA_F

ClientSampleId :

CL-01-102124

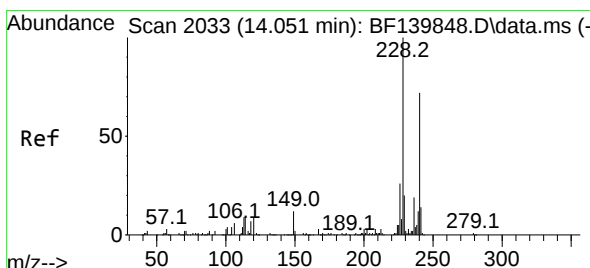
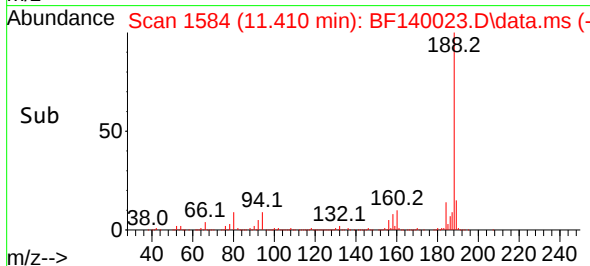
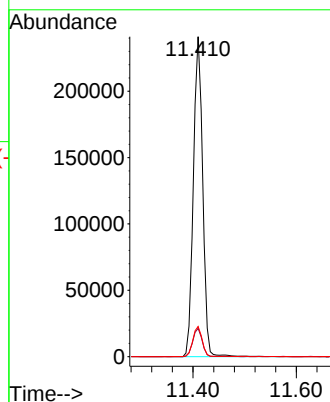
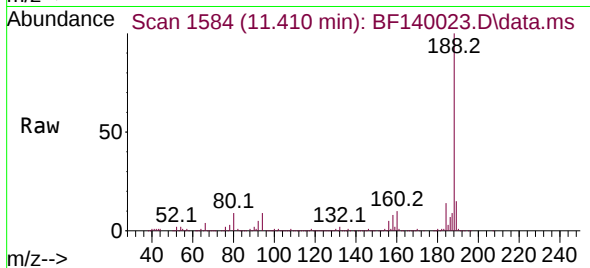
Tgt Ion:188 Resp: 301677

Ion Ratio Lower Upper

188 100

94 8.8 7.9 11.9

80 9.5 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140023.D

Acq: 25 Oct 2024 01:46

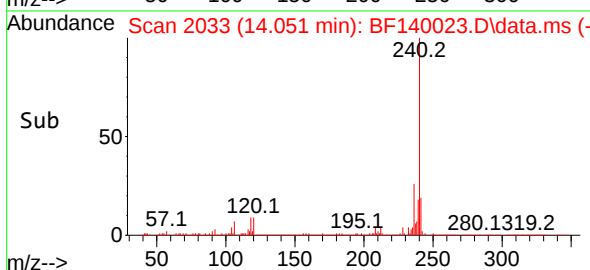
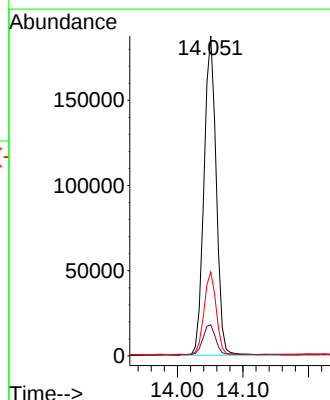
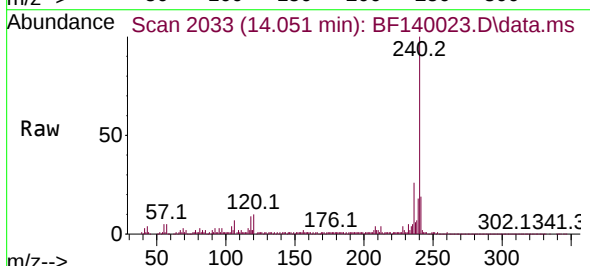
Tgt Ion:240 Resp: 243681

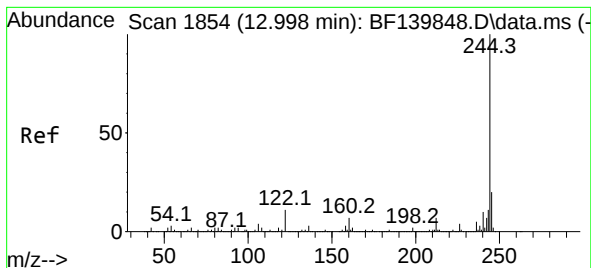
Ion Ratio Lower Upper

240 100

120 9.7 9.4 14.2

236 26.3 20.9 31.3





#79

Terphenyl-d14

Concen: 15.464 ng

RT: 12.992 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140023.D

Acq: 25 Oct 2024 01:46

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CL-01-102124

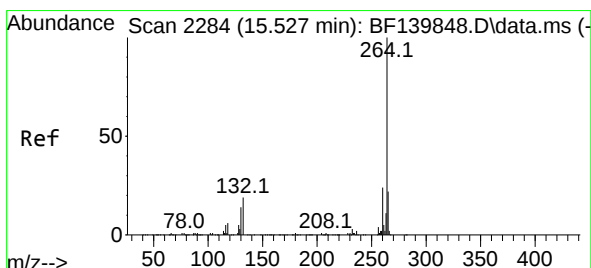
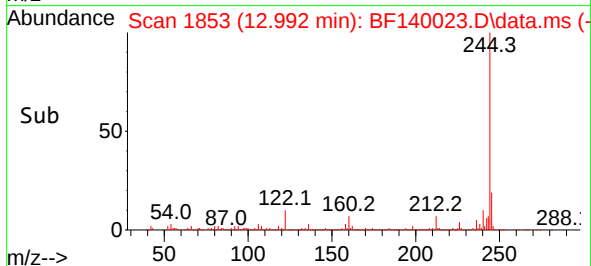
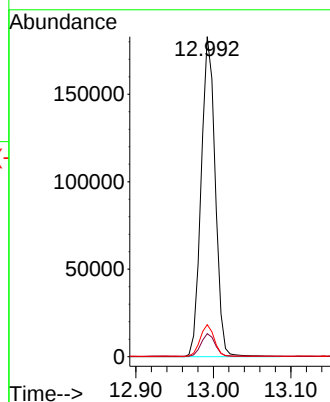
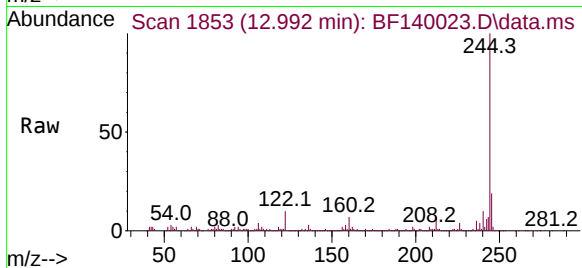
Tgt Ion:244 Resp: 231257

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 10.0 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF140023.D

Acq: 25 Oct 2024 01:46

Tgt Ion:264 Resp: 183318

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.6 17.4 26.0

