

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140051.D
 Acq On : 26 Oct 2024 11:06
 Operator : RC/JU
 Sample : PB164401BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164401BL

Quant Time: Oct 28 01:05:02 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)

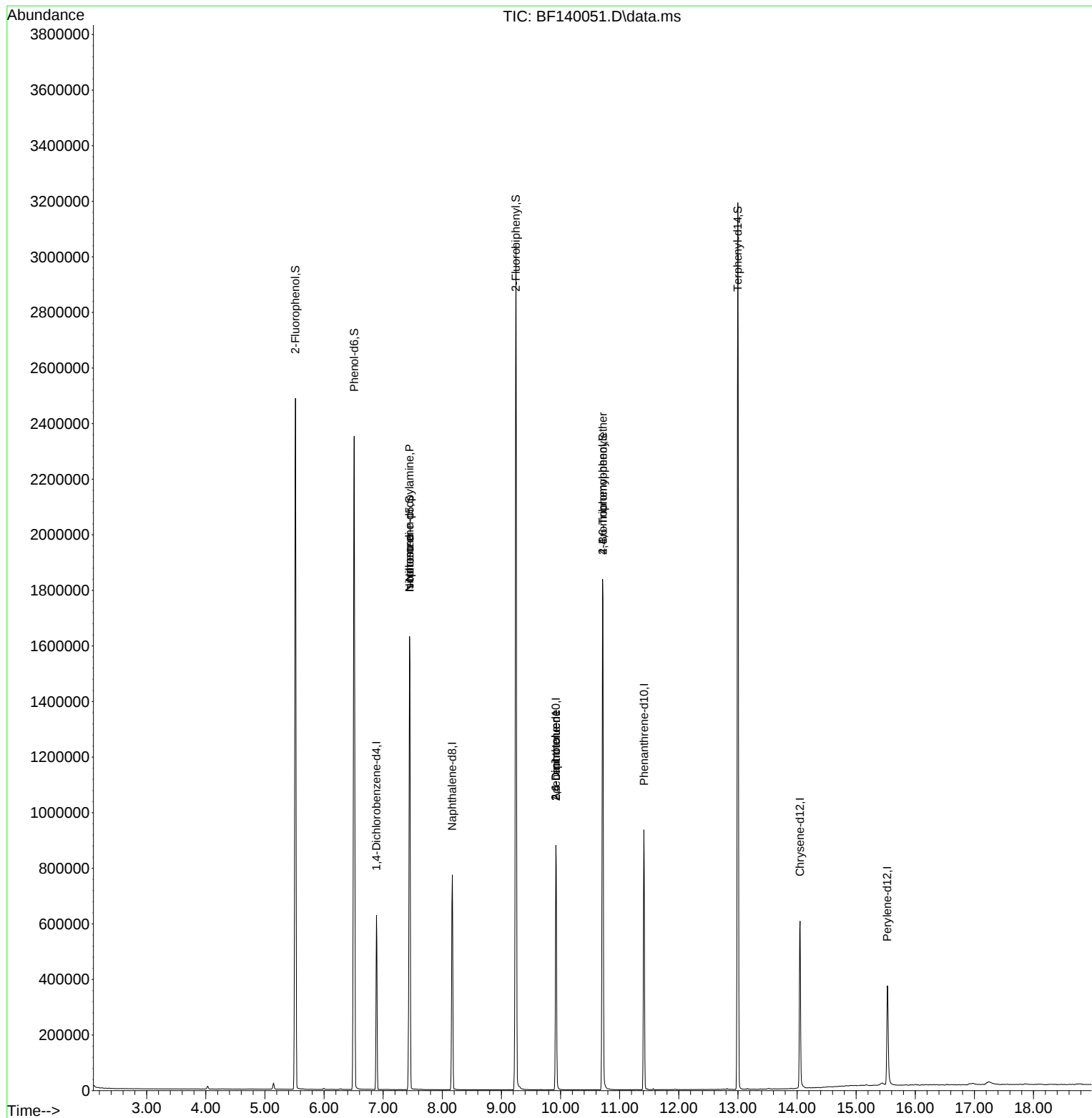
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	125232	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	486243	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	274404	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	492863	20.000	ng	0.00
76) Chrysene-d12	14.051	240	300716	20.000	ng	0.00
86) Perylene-d12	15.527	264	248143	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	962066	120.265	ng	0.02
7) Phenol-d6	6.510	99	1204232	116.231	ng	0.00
23) Nitrobenzene-d5	7.445	82	793994	90.502	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	344819	134.344	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1461812	88.043	ng	0.00
79) Terphenyl-d14	12.998	244	1632590	88.465	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	108019	17.190	ng	# 76
25) Isophorone	7.445	82	788042	47.325	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	35419	9.571	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	35419	7.783	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	22459	4.423	ng	# 1

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

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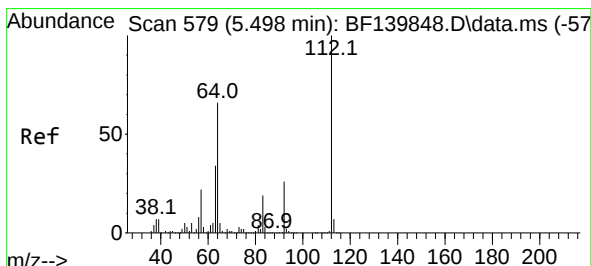
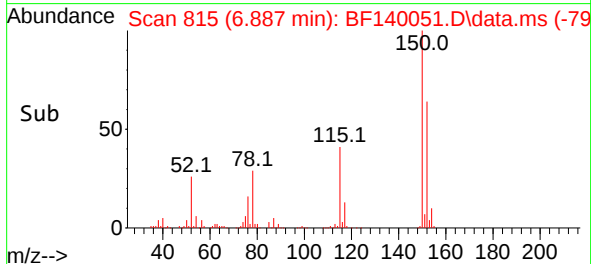
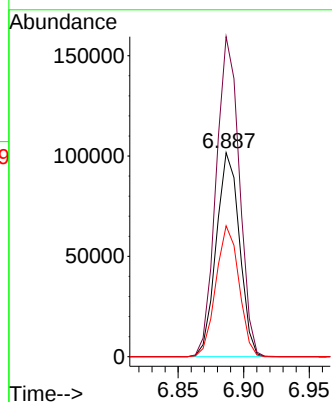
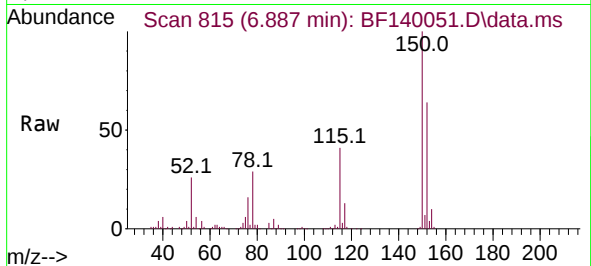




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140051.D
Acq: 26 Oct 2024 11:06

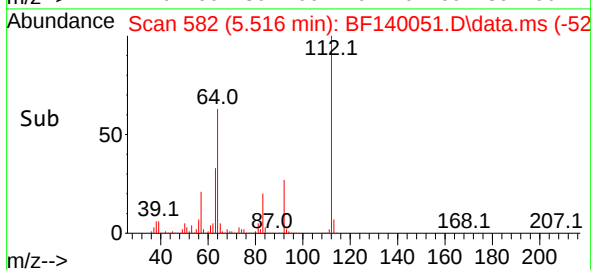
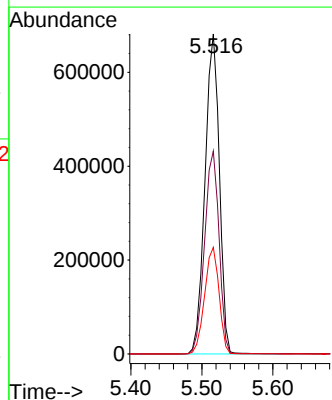
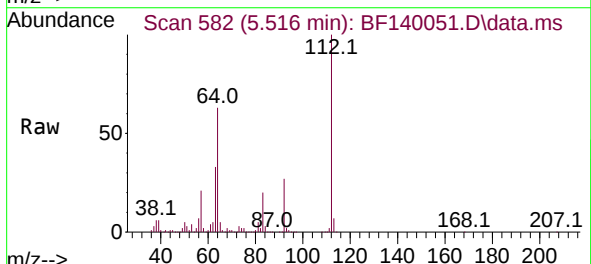
Instrument :
BNA_F
ClientSampleId :
PB164401BL

Tgt Ion:152 Resp: 125232
Ion Ratio Lower Upper
152 100
150 156.9 130.2 195.2
115 64.2 51.4 77.2



#5
2-Fluorophenol
Concen: 120.265 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140051.D
Acq: 26 Oct 2024 11:06

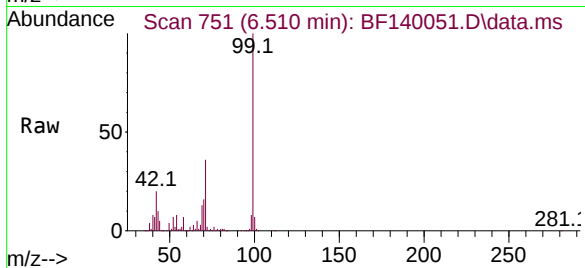
Tgt Ion:112 Resp: 962066
Ion Ratio Lower Upper
112 100
64 63.4 53.0 79.6
63 33.3 27.0 40.4





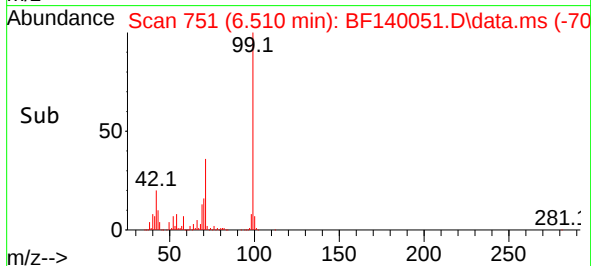
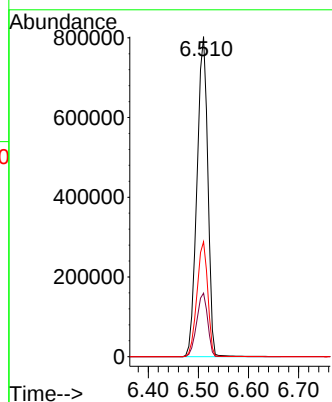
#7
Phenol-d6
Concen: 116.231 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140051.D
Acq: 26 Oct 2024 11:06

Instrument :
BNA_F
ClientSampleId :
PB164401BL



Tgt Ion: 99 Resp: 1204232

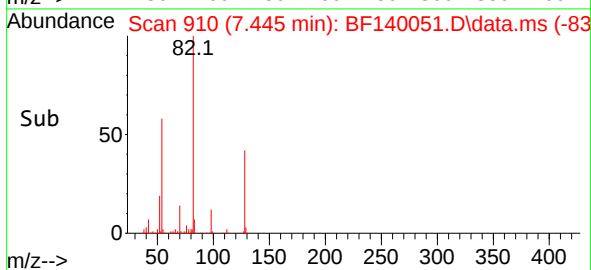
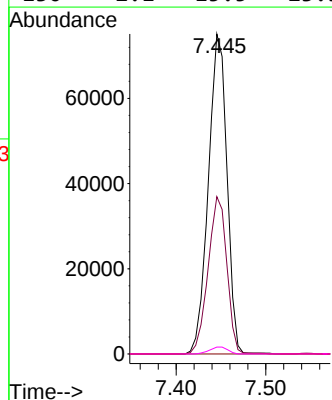
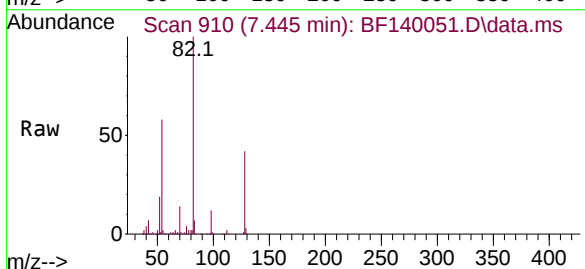
Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.7	25.1
71	35.9	27.7	41.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.190 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140051.D
Acq: 26 Oct 2024 11:06

Tgt Ion: 70 Resp: 108019

Ion	Ratio	Lower	Upper
70	100		
42	49.2	51.5	77.3#
101	0.0	7.5	11.3#
130	2.1	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: BF140051.D
Acq: 26 Oct 2024 11:06

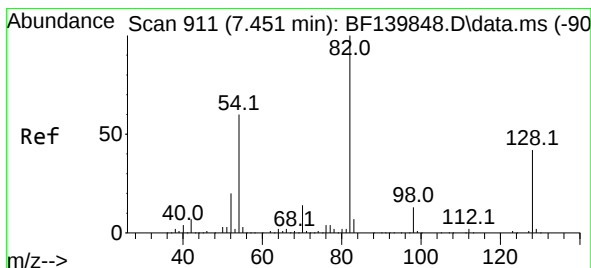
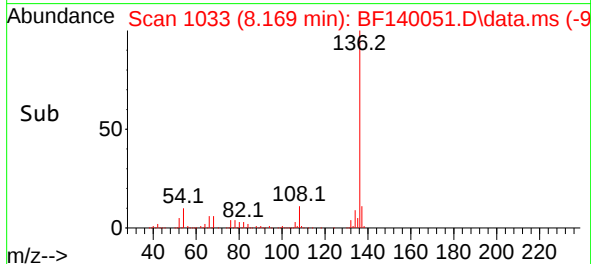
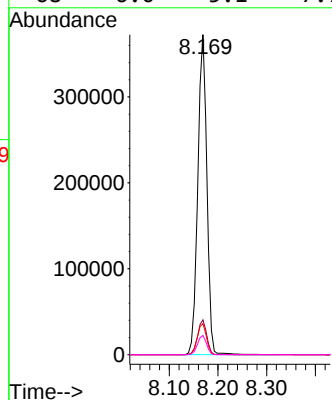
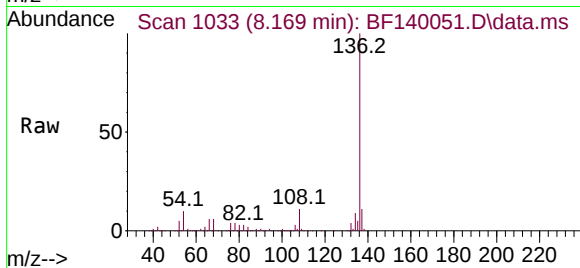
Instrument :

BNA_F

ClientSampleId :

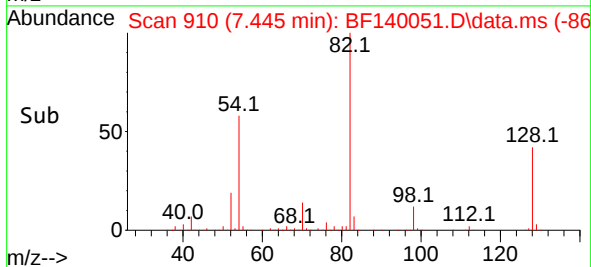
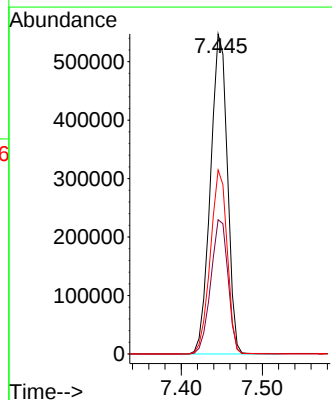
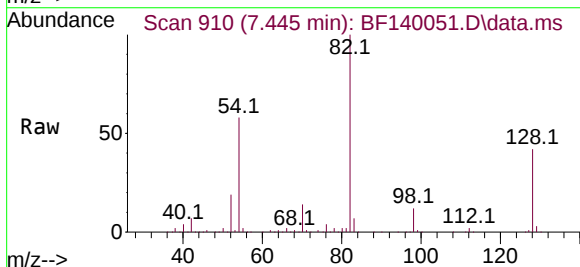
PB164401BL

Tgt Ion:136 Resp: 486243
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.7 8.4 12.6
68 6.0 5.1 7.7



#23
Nitrobenzene-d5
Concen: 90.502 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140051.D
Acq: 26 Oct 2024 11:06

Tgt Ion: 82 Resp: 793994
Ion Ratio Lower Upper
82 100
128 42.0 33.4 50.0
54 57.5 47.8 71.8

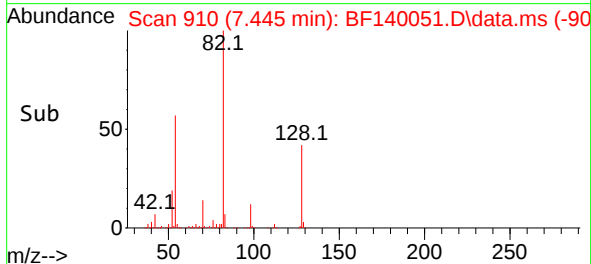
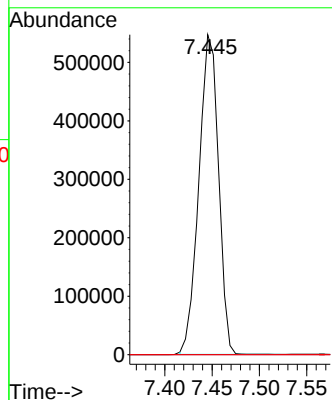
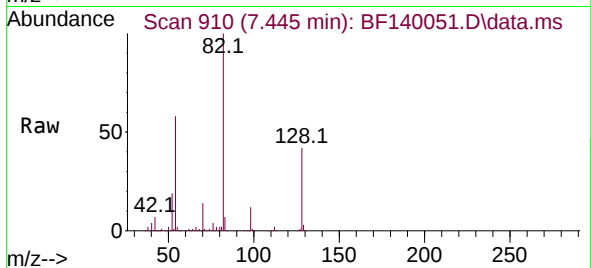




#25
Isophorone
Concen: 47.325 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140051.D
Acq: 26 Oct 2024 11:06

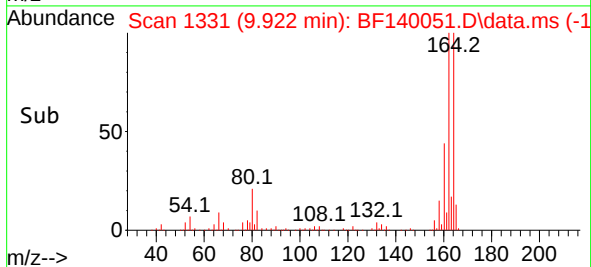
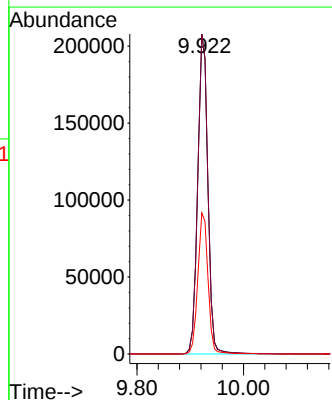
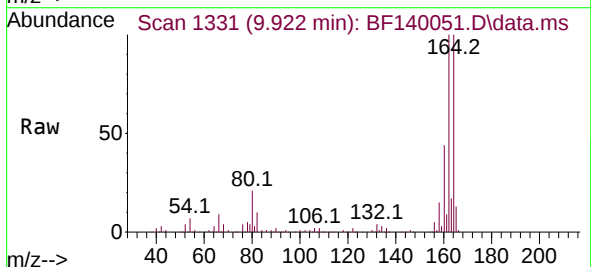
Instrument :
BNA_F
ClientSampleId :
PB164401BL

Tgt Ion: 82 Resp: 788042
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: BF140051.D
Acq: 26 Oct 2024 11:06

Tgt Ion:164 Resp: 274404
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.4
160 44.1 35.4 53.0

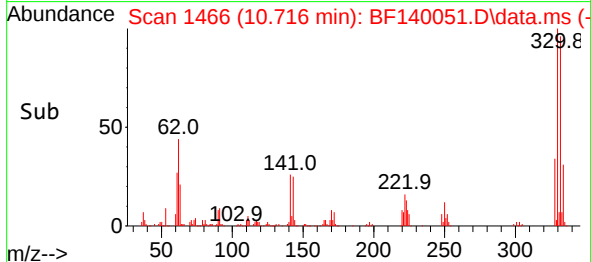
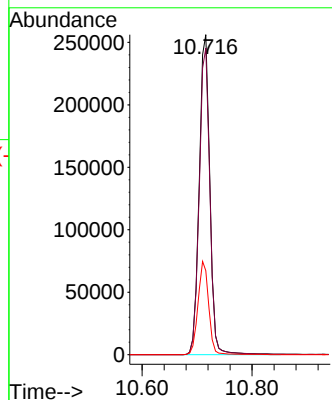
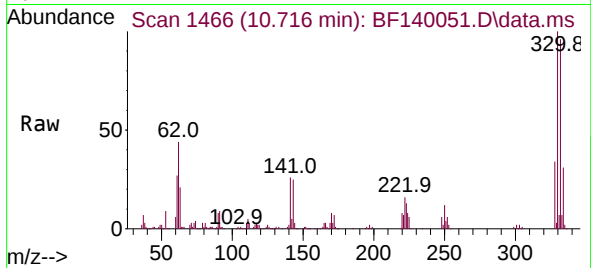




#42
2,4,6-Tribromophenol
Concen: 134.344 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140051.D
Acq: 26 Oct 2024 11:06

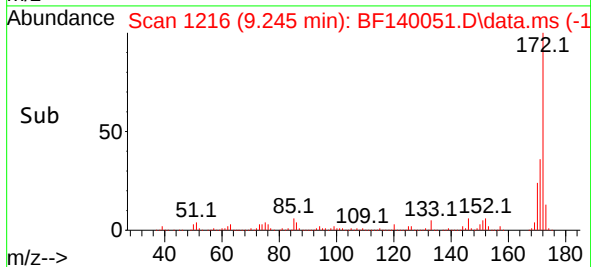
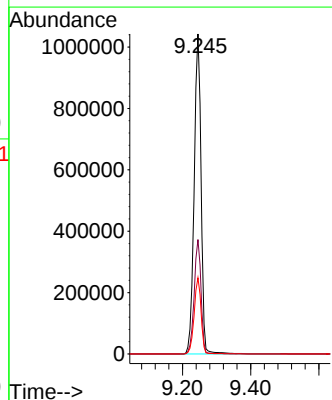
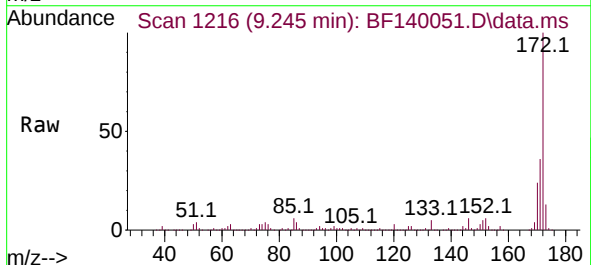
Instrument :
BNA_F
ClientSampleId :
PB164401BL

Tgt Ion:330 Resp: 344819
Ion Ratio Lower Upper
330 100
332 96.3 78.1 117.1
141 29.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 88.043 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140051.D
Acq: 26 Oct 2024 11:06

Tgt Ion:172 Resp: 1461812
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.8 19.1 28.7

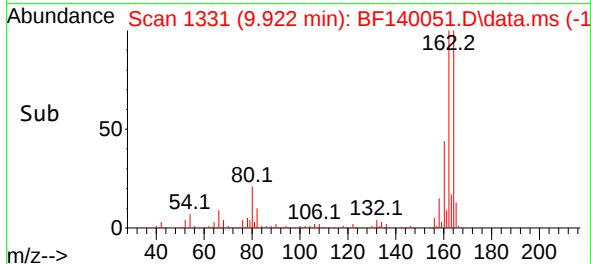
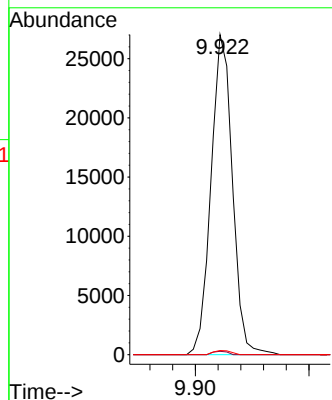
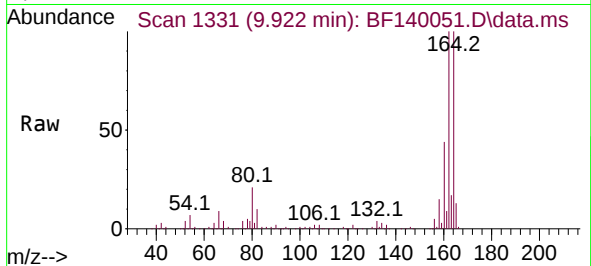




#51
2,6-Dinitrotoluene
Concen: 9.571 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140051.D
Acq: 26 Oct 2024 11:06

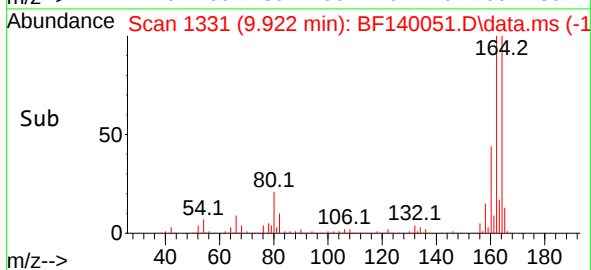
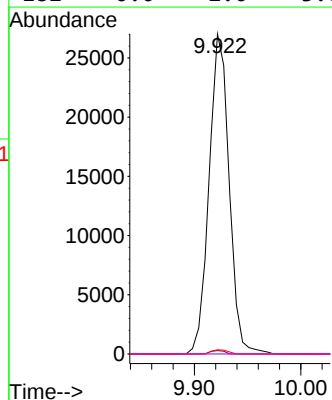
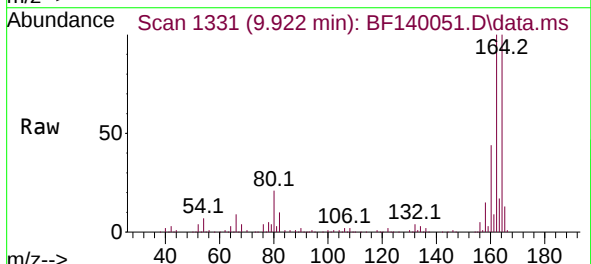
Instrument :
BNA_F
ClientSampleId :
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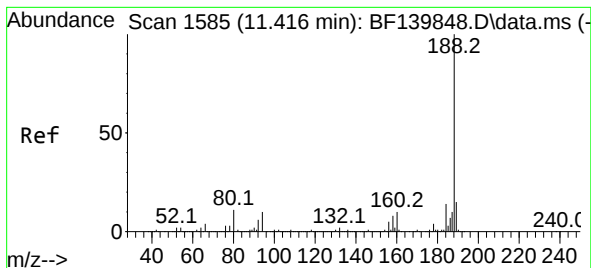
Tgt Ion:165 Resp: 35419
Ion Ratio Lower Upper
165 100
63 1.0 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.783 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140051.D
Acq: 26 Oct 2024 11:06

Tgt Ion:165 Resp: 35419
Ion Ratio Lower Upper
165 100
63 1.0 40.1 60.1#
89 1.3 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: BF140051.D

Acq: 26 Oct 2024 11:06

Instrument :

BNA_F

ClientSampleId :

PB164401BL

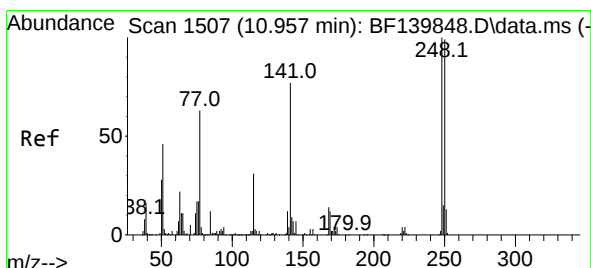
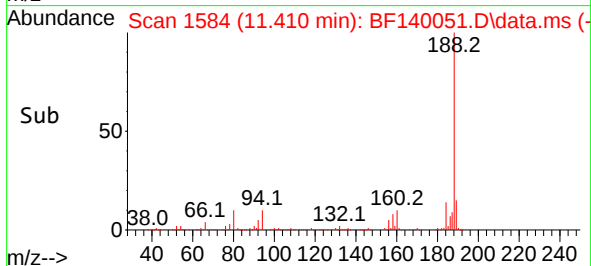
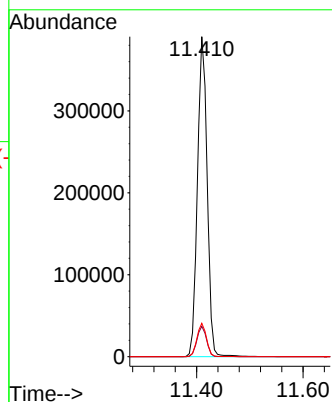
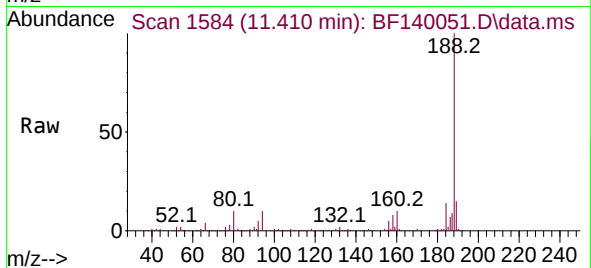
Tgt Ion:188 Resp: 492863

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

80 10.4 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.423 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF140051.D

Acq: 26 Oct 2024 11:06

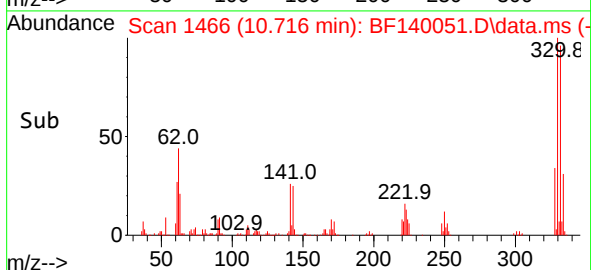
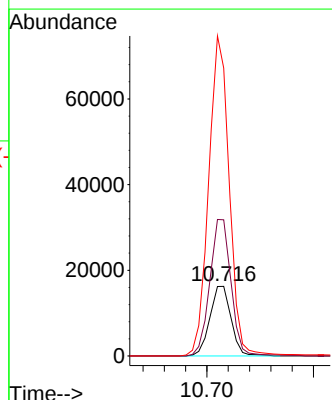
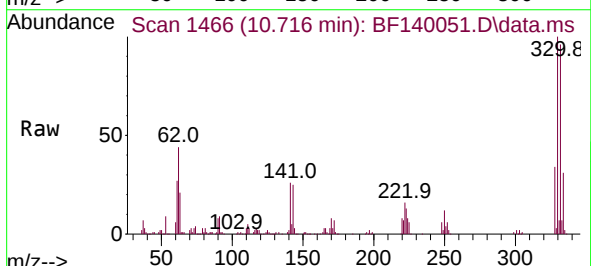
Tgt Ion:248 Resp: 22459

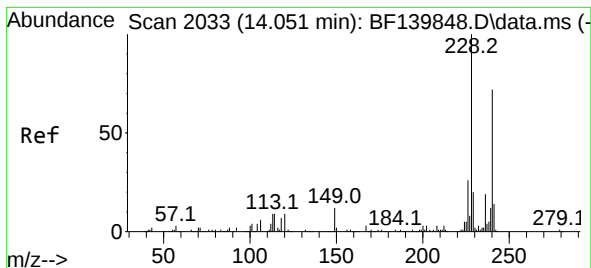
Ion Ratio Lower Upper

248 100

250 195.6 79.0 118.6#

141 413.5 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF140051.D

Acq: 26 Oct 2024 11:06

Instrument :

BNA_F

ClientSampleId :

PB164401BL

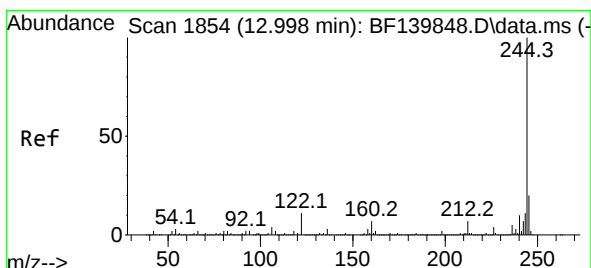
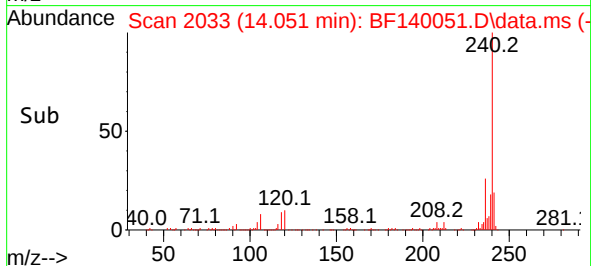
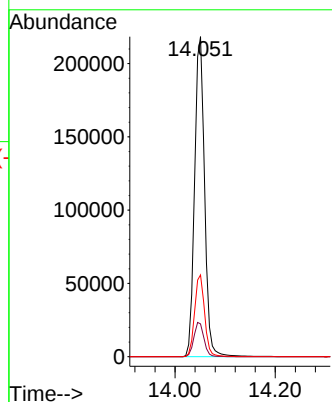
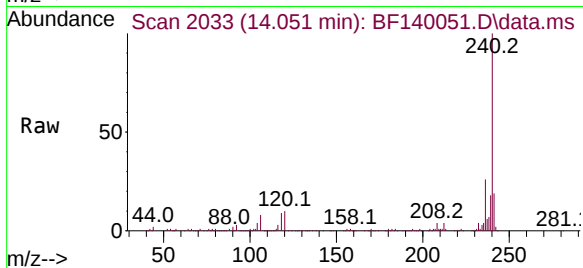
Tgt Ion:240 Resp: 300716

Ion Ratio Lower Upper

240 100

120 10.3 9.4 14.2

236 25.5 20.9 31.3



#79

Terphenyl-d14

Concen: 88.465 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140051.D

Acq: 26 Oct 2024 11:06

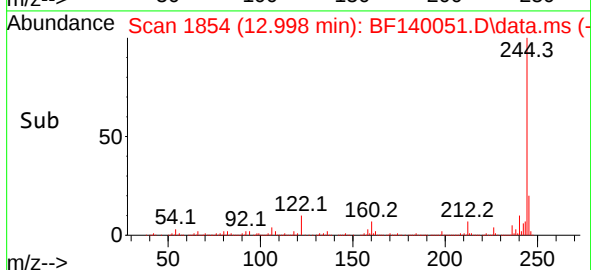
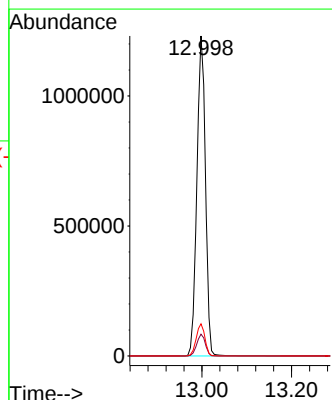
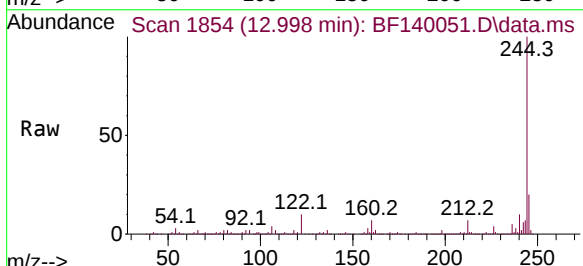
Tgt Ion:244 Resp: 1632590

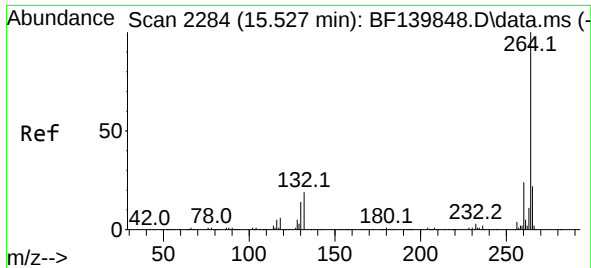
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

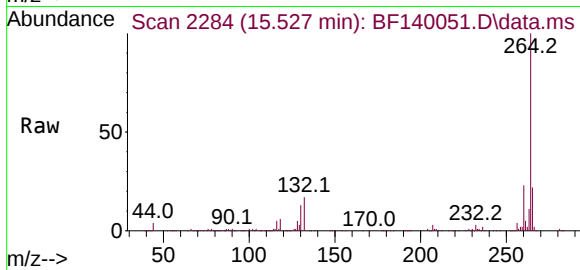
122 10.1 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140051.D
Acq: 26 Oct 2024 11:06

Instrument :
BNA_F
ClientSampleId :
PB164401BL



Tgt Ion:264 Resp: 248143

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	21.7	17.4	26.0

