

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140186.D
 Acq On : 31 Oct 2024 13:55
 Operator : RC/JU
 Sample : P4611-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Oct 31 14:29:53 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)

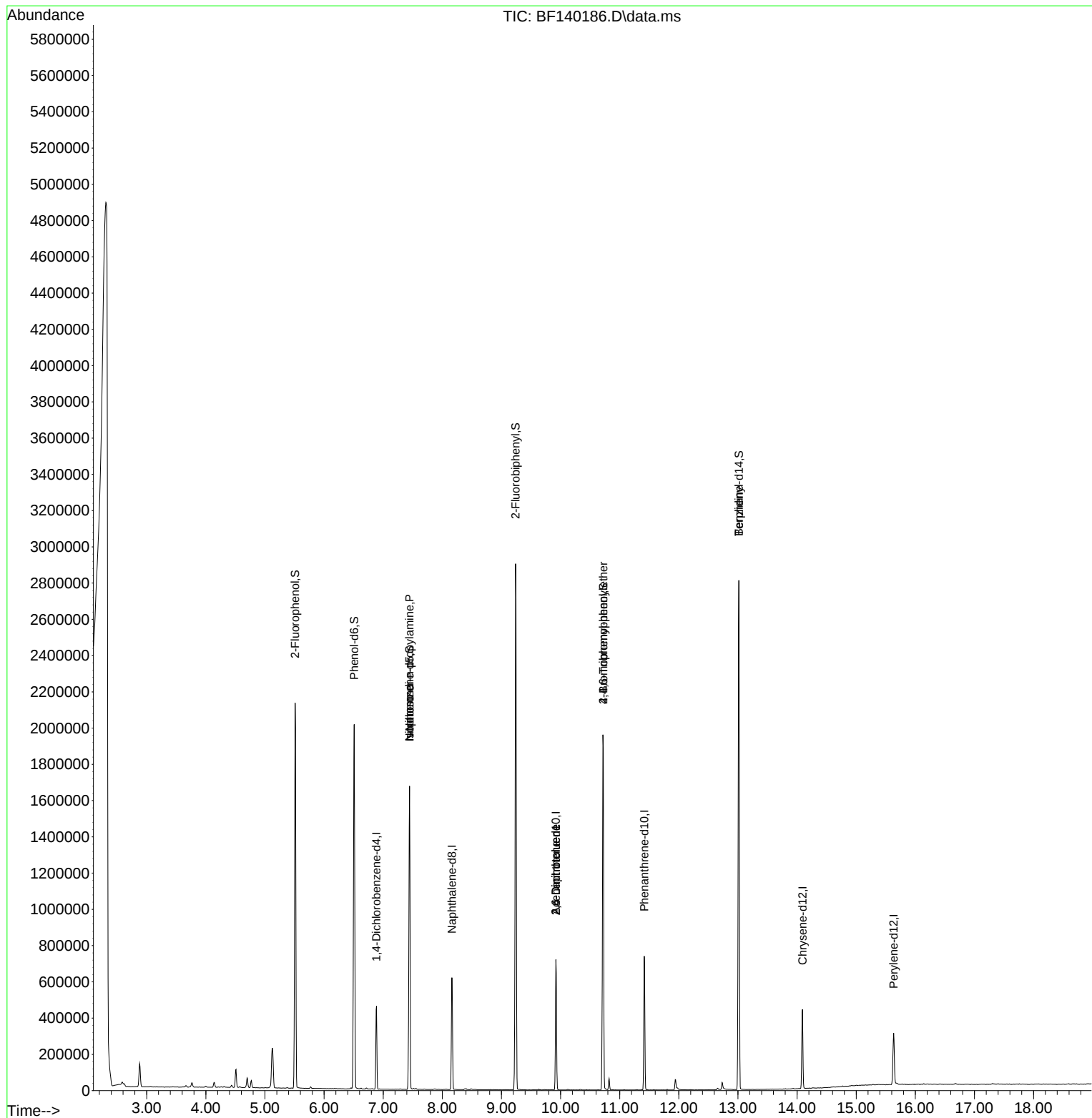
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	93580	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	370111	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	216985	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	382650	20.000	ng	0.00
76) Chrysene-d12	14.092	240	213542	20.000	ng	0.04
86) Perylene-d12	15.633	264	174560	20.000	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	799434	133.736	ng	0.01
7) Phenol-d6	6.510	99	967049	124.908	ng	0.00
23) Nitrobenzene-d5	7.445	82	762835	114.234	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	358347	176.560	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1347457	102.631	ng	-0.01
79) Terphenyl-d14	13.015	244	1457276	111.201	ng	0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	105746	22.520	ng	# 75
25) Isophorone	7.445	82	759552	59.927	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	26953	9.210	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	26953	7.490	ng	# 21
67) 4-Bromophenyl-phenylether	10.722	248	23980	6.083	ng	# 1
77) Benzidine	13.015	184	18359	5.228	ng	# 94

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

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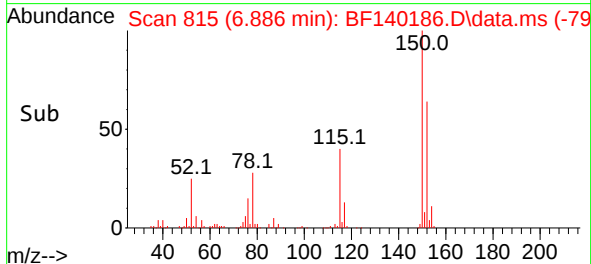
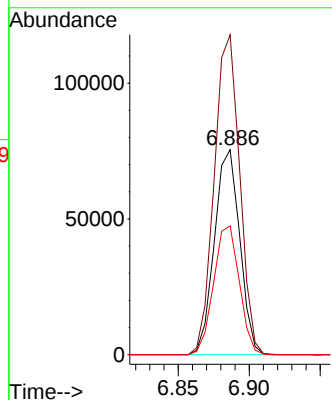
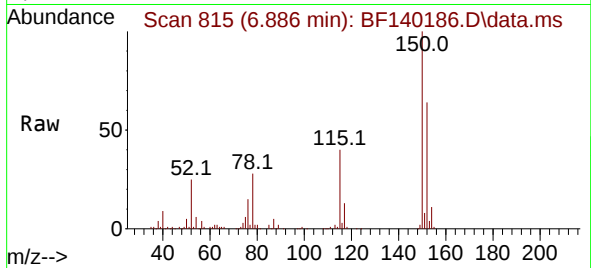




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

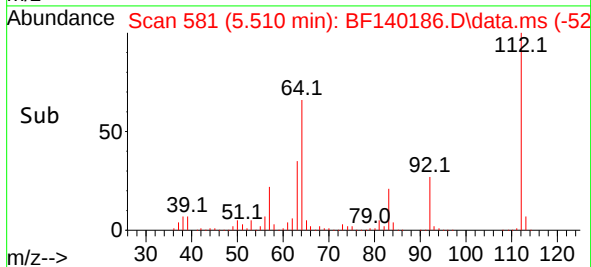
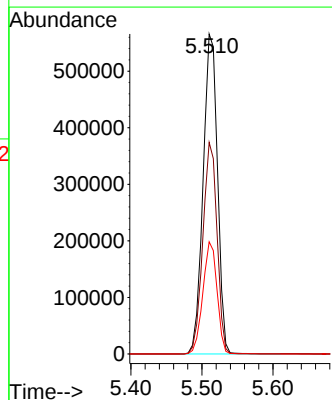
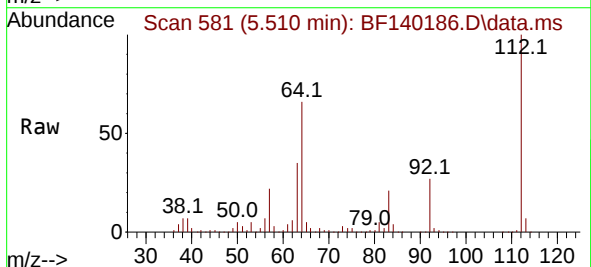
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 93580
Ion Ratio Lower Upper
152 100
150 156.1 130.2 195.2
115 62.8 51.4 77.2



#5
2-Fluorophenol
Concen: 133.736 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

Tgt Ion:112 Resp: 799434
Ion Ratio Lower Upper
112 100
64 66.1 53.0 79.6
63 35.1 27.0 40.4

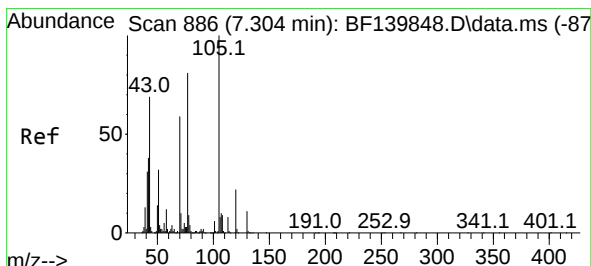
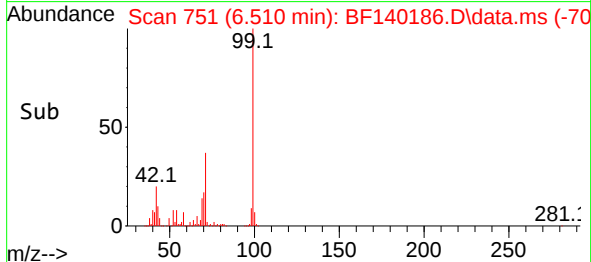
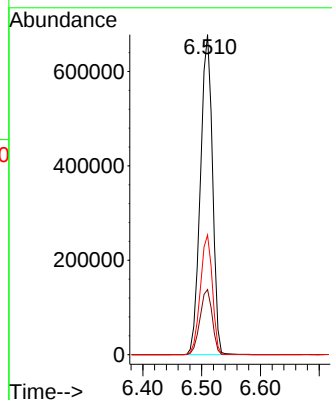
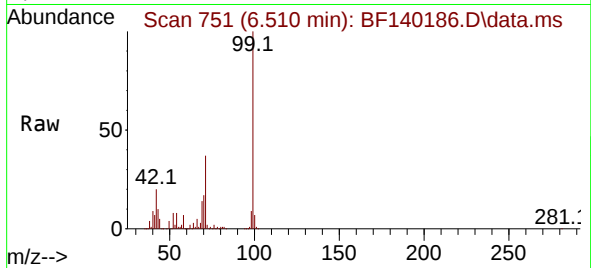




#7
Phenol-d6
Concen: 124.908 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

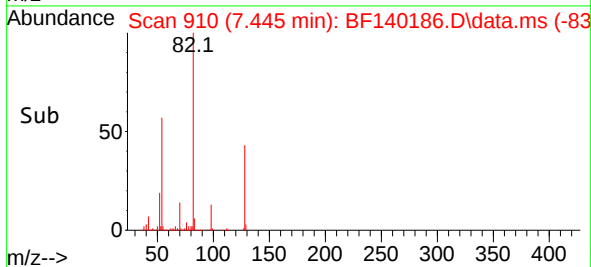
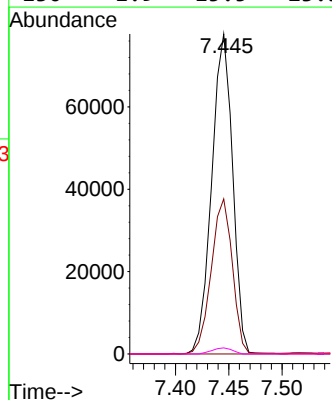
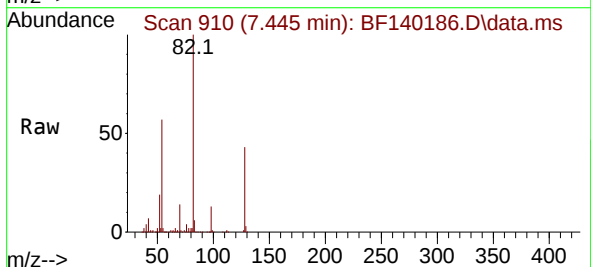
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:	99	Resp:	967049
Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.7	25.1
71	37.4	27.7	41.5



#19
n-Nitroso-di-n-propylamine
Concen: 22.520 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

Tgt Ion:	70	Resp:	105746
Ion	Ratio	Lower	Upper
70	100		
42	48.5	51.5	77.3#
101	0.0	7.5	11.3#
130	1.9	15.5	23.3#



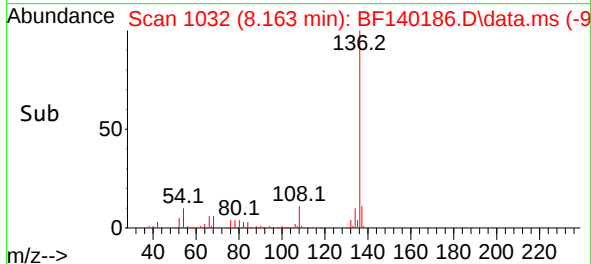
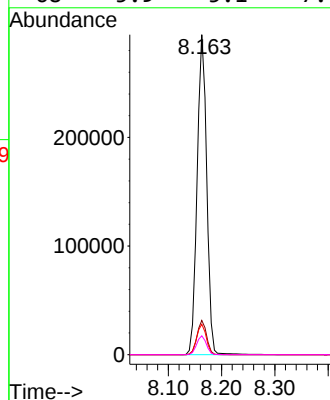
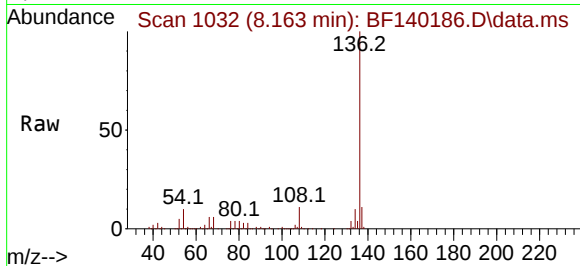


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:136 Resp: 370111

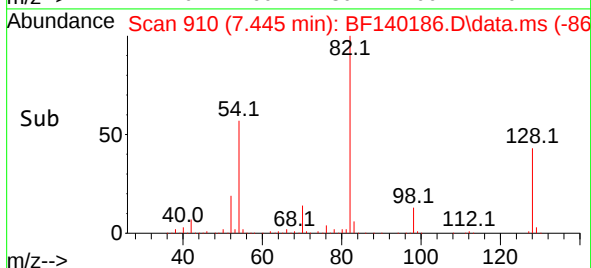
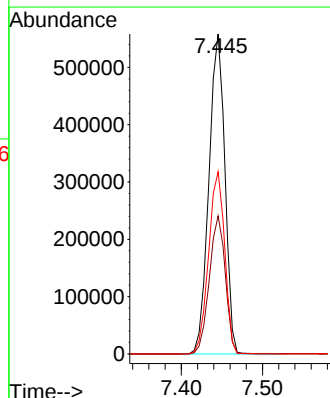
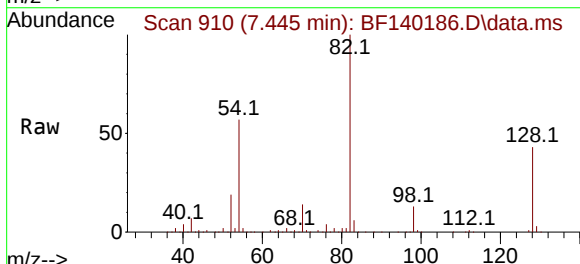
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.5	8.4	12.6
68	5.9	5.1	7.7



#23
Nitrobenzene-d5
Concen: 114.234 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

Tgt Ion: 82 Resp: 762835

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.4	50.0
54	57.0	47.8	71.8

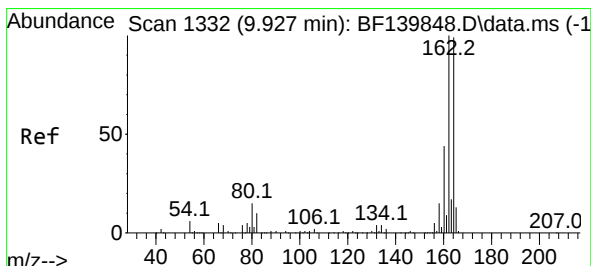
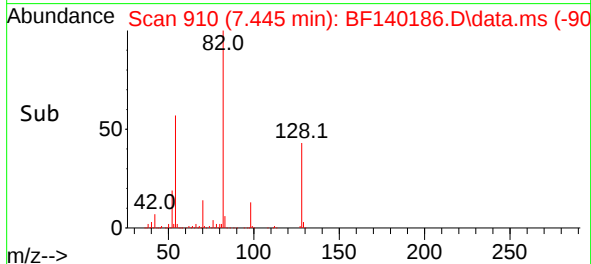
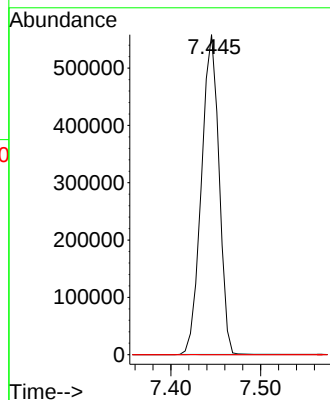
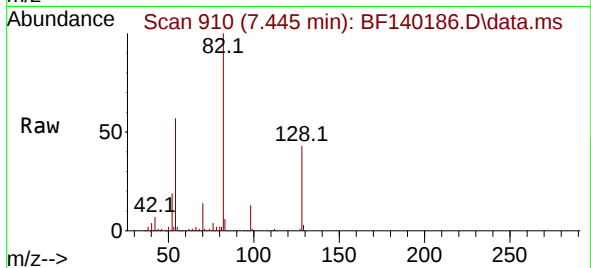




#25
Isophorone
Concen: 59.927 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

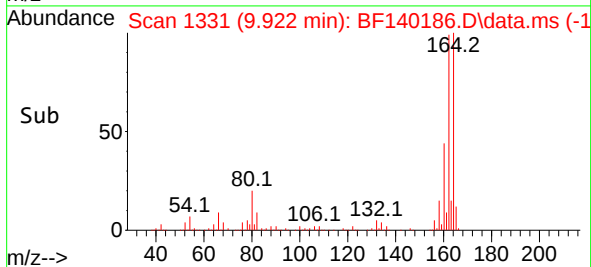
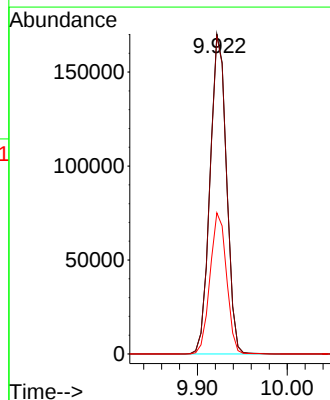
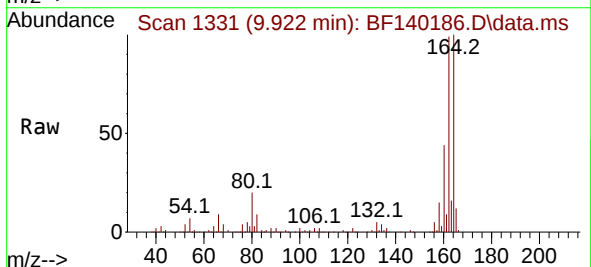
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 82 Resp: 759552
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: BF140186.D
Acq: 31 Oct 2024 13:55

Tgt Ion: 164 Resp: 216985
Ion Ratio Lower Upper
164 100
162 99.4 81.0 121.4
160 44.1 35.4 53.0

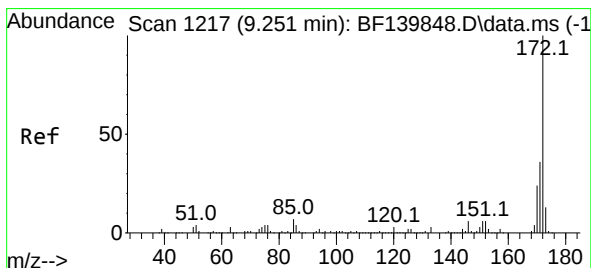
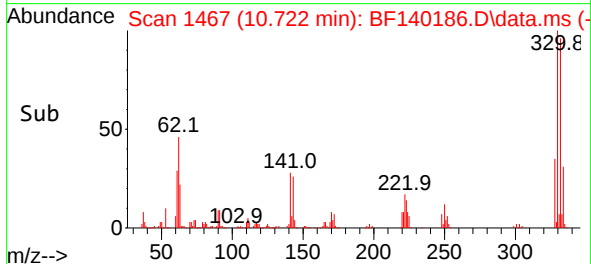
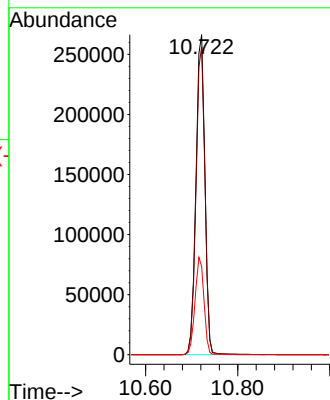
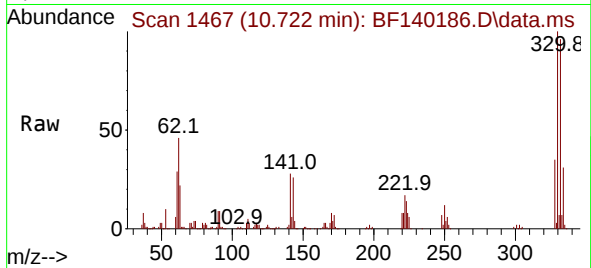




#42
2,4,6-Tribromophenol
Concen: 176.560 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

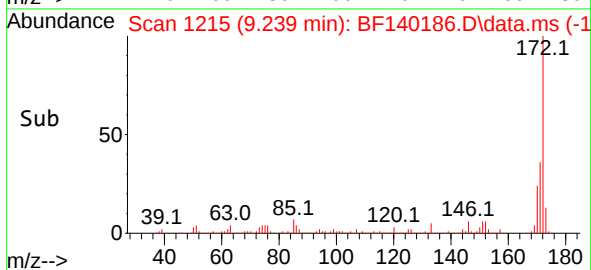
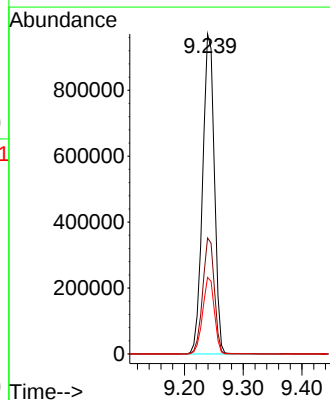
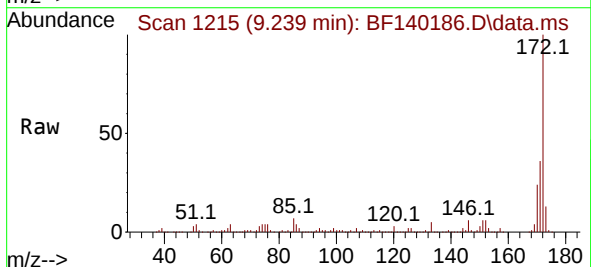
Instrument :
BNA_F
ClientSampleId :
TP-2

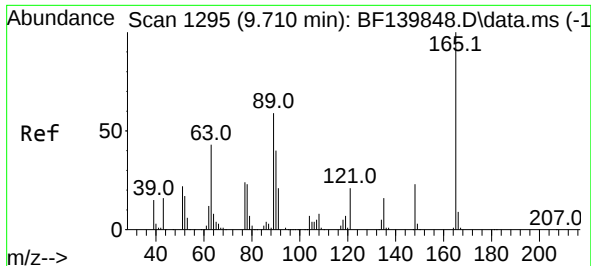
Tgt Ion:330 Resp: 358347
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 30.5 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 102.631 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

Tgt Ion:172 Resp: 1347457
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.9 19.1 28.7

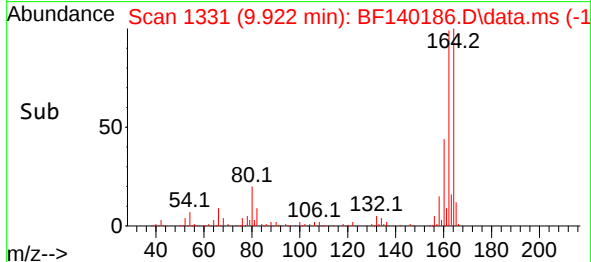
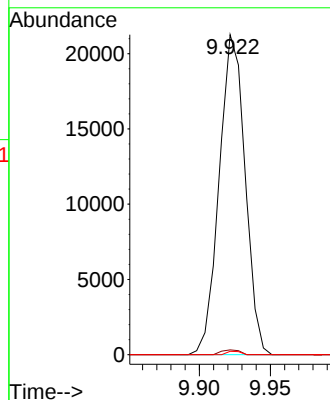
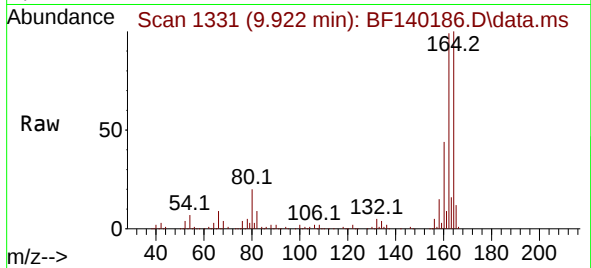




#51
2,6-Dinitrotoluene
Concen: 9.210 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

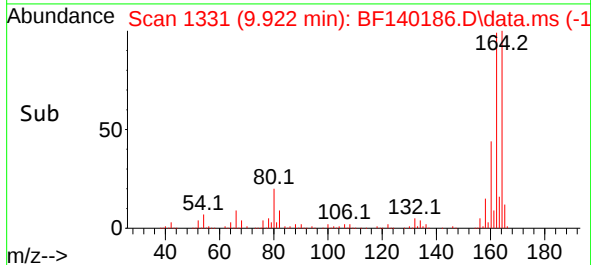
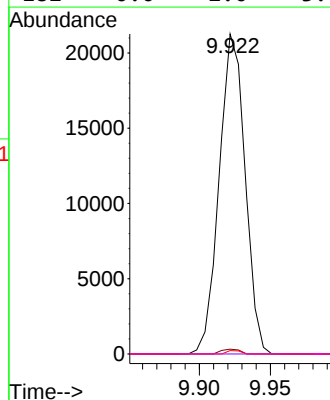
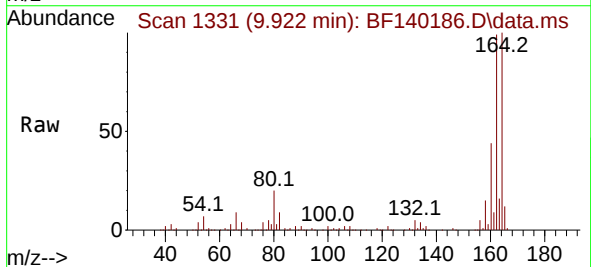
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BNA_F
ClientSampleId :
TP-2

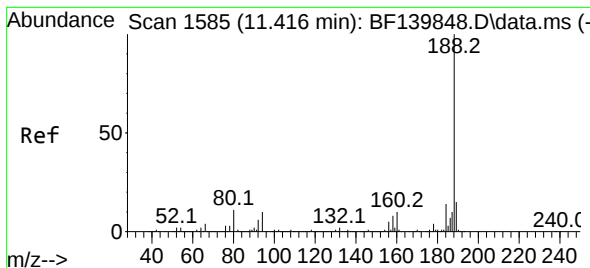
Tgt Ion:165 Resp: 26953
Ion Ratio Lower Upper
165 100
63 1.5 50.6 75.8#
89 1.0 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.490 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

Tgt Ion:165 Resp: 26953
Ion Ratio Lower Upper
165 100
63 1.5 40.1 60.1#
89 1.0 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140186.D

Acq: 31 Oct 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-2

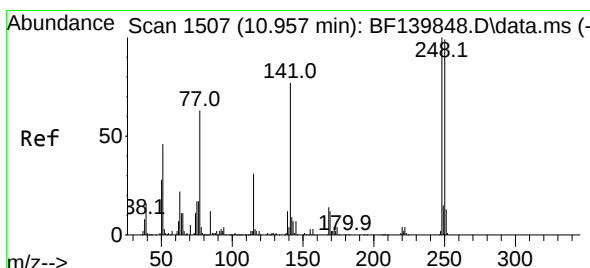
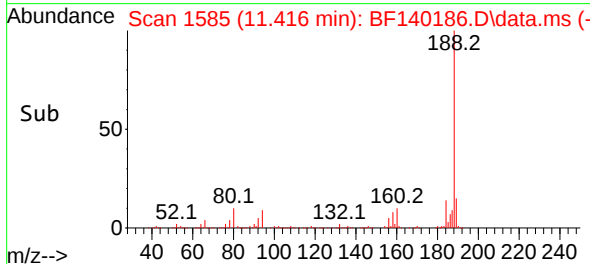
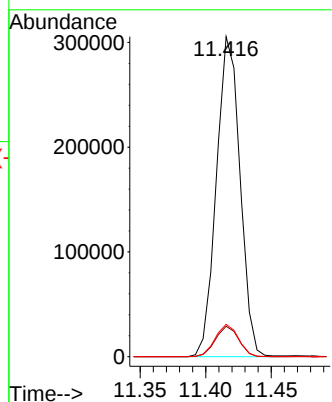
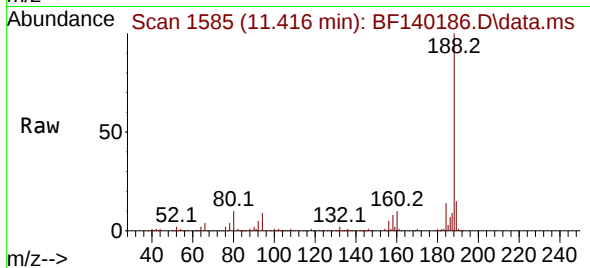
Tgt Ion:188 Resp: 382650

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

80 10.1 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 6.083 ng

RT: 10.722 min Scan# 1467

Delta R.T. -0.235 min

Lab File: BF140186.D

Acq: 31 Oct 2024 13:55

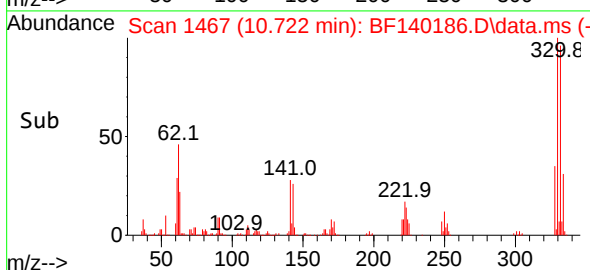
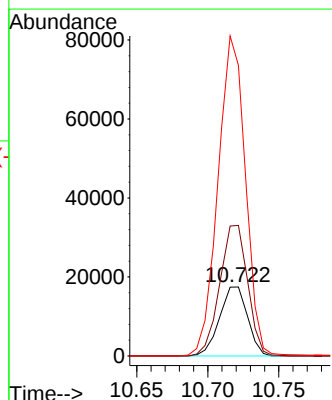
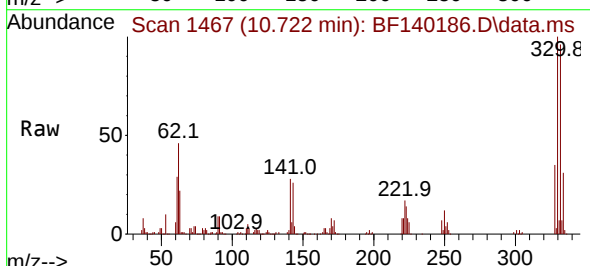
Tgt Ion:248 Resp: 23980

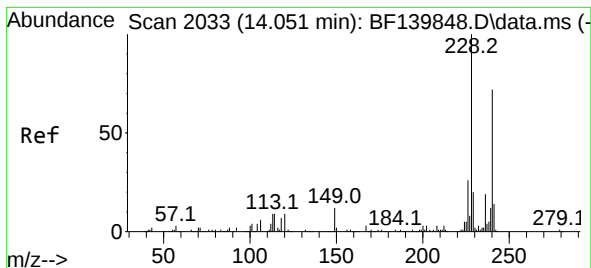
Ion Ratio Lower Upper

248 100

250 189.5 79.0 118.6#

141 421.6 61.7 92.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.092 min Scan# 2033

Delta R.T. 0.041 min

Lab File: BF140186.D

Acq: 31 Oct 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-2

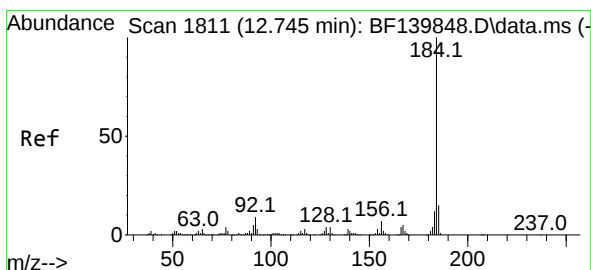
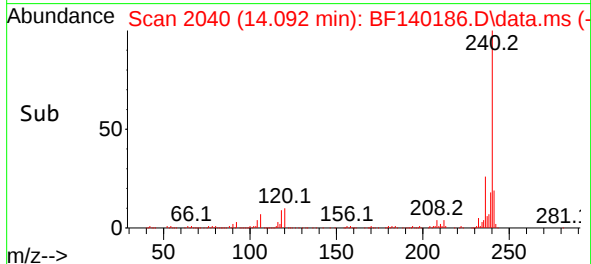
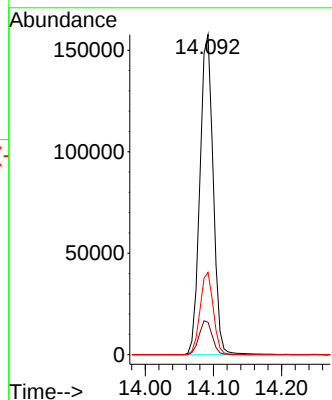
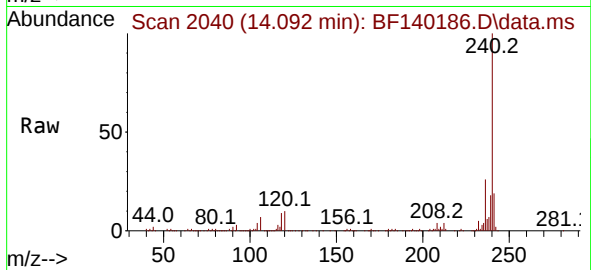
Tgt Ion:240 Resp: 213542

Ion Ratio Lower Upper

240 100

120 10.2 9.4 14.2

236 25.8 20.9 31.3



#77

Benzidine

Concen: 5.228 ng

RT: 13.015 min Scan# 1857

Delta R.T. 0.271 min

Lab File: BF140186.D

Acq: 31 Oct 2024 13:55

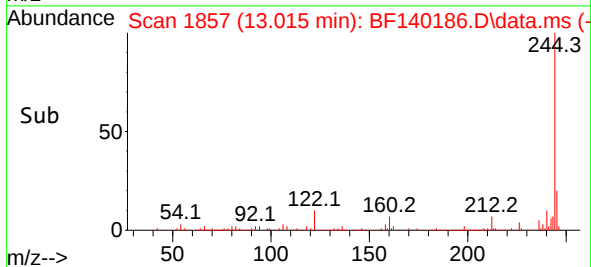
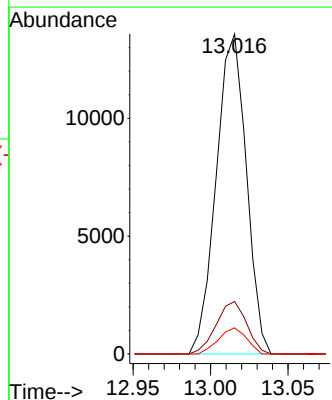
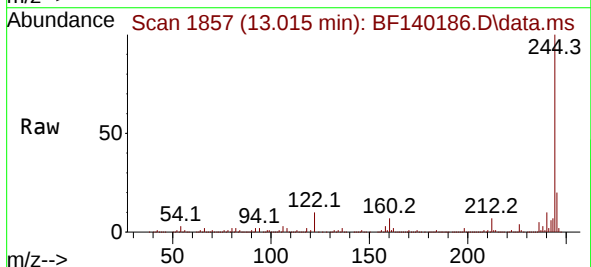
Tgt Ion:184 Resp: 18359

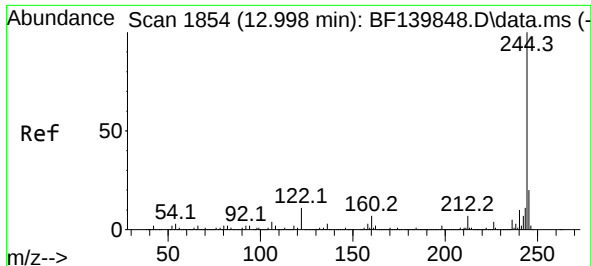
Ion Ratio Lower Upper

184 100

185 16.4 12.0 18.0

183 8.1 9.4 14.2#

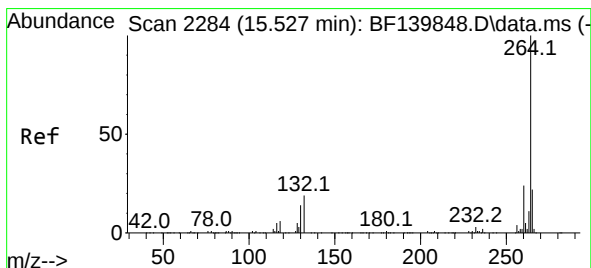
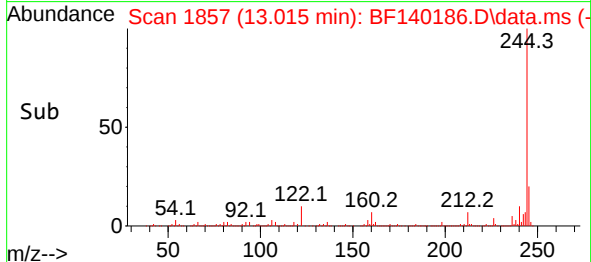
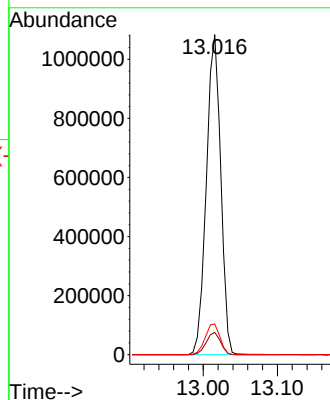
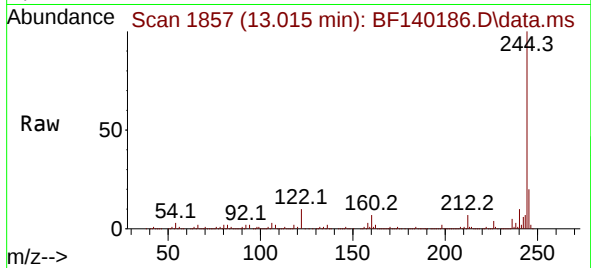




#79
Terphenyl-d14
Concen: 111.201 ng
RT: 13.015 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:244 Resp: 1457276
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.6 8.6 13.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2302
Delta R.T. 0.106 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

Tgt Ion:264 Resp: 174560
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 21.7 17.4 26.0

