

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140166.D
 Acq On : 30 Oct 2024 19:05
 Operator : RC/JU
 Sample : P4618-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-102924

Quant Time: Nov 01 02:18:22 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)

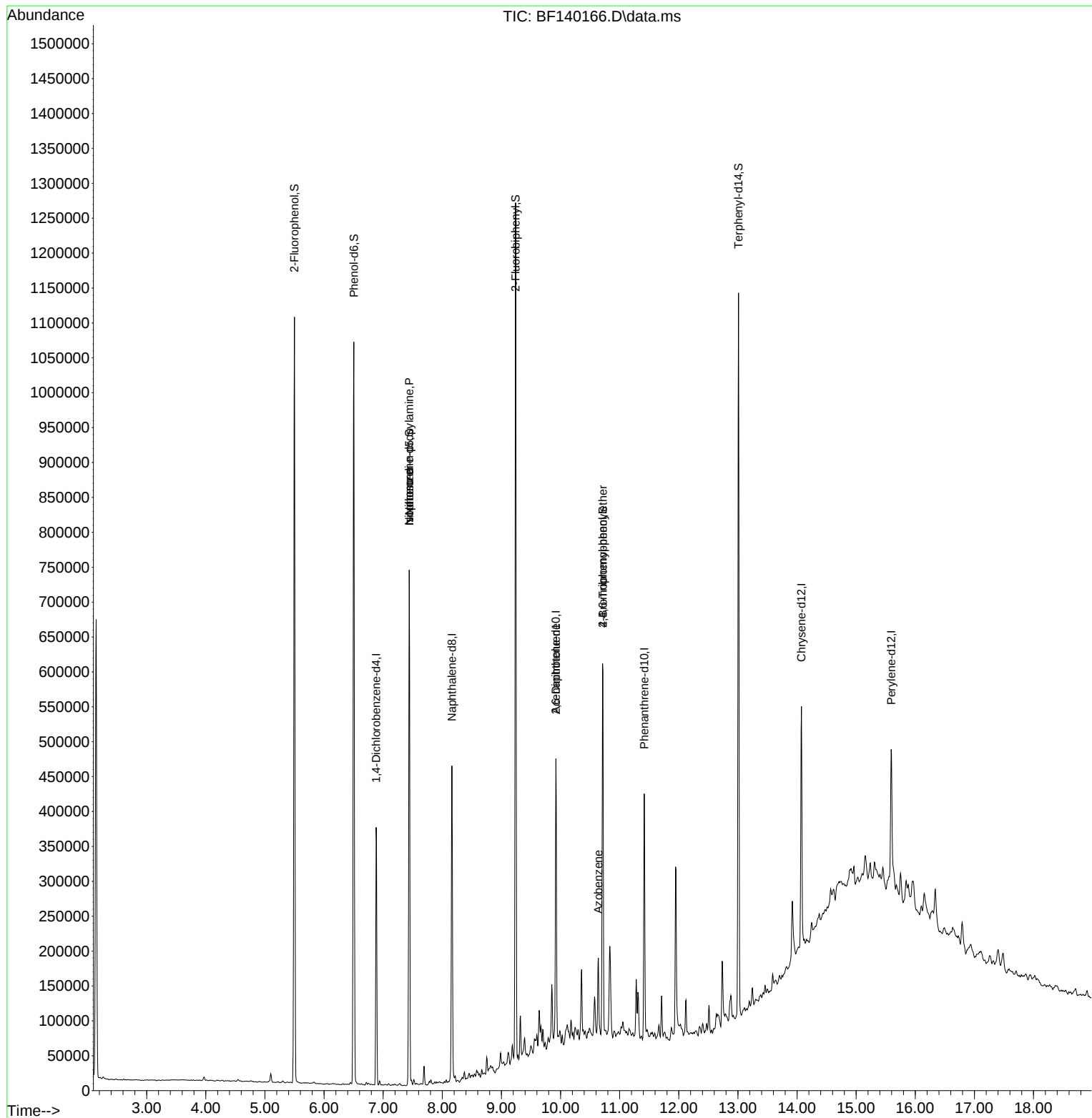
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	73689	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	260011	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	115022	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	176868	20.000	ng	0.00
76) Chrysene-d12	14.075	240	161160	20.000	ng	0.02
86) Perylene-d12	15.592	264	119481	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	381824	81.117	ng	0.00
7) Phenol-d6	6.504	99	469376	76.992	ng	0.00
23) Nitrobenzene-d5	7.440	82	306789	65.395	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	87050	80.911	ng	0.00
45) 2-Fluorobiphenyl	9.240	172	513893	73.839	ng	-0.01
79) Terphenyl-d14	13.010	244	503699	50.929	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	42378	11.461	ng	# 78
25) Isophorone	7.440	82	305127	34.268	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	16366	10.550	ng	# 23
63) Azobenzene	10.639	77	27082	3.631	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	5756	3.159	ng	# 1

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

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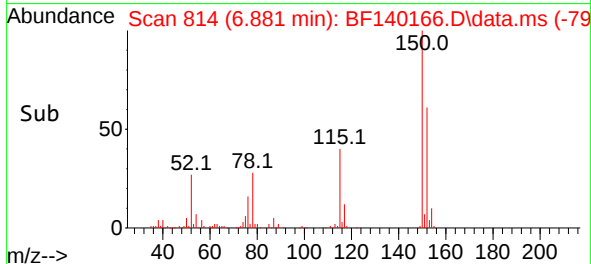
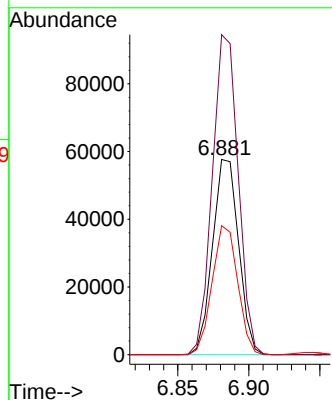
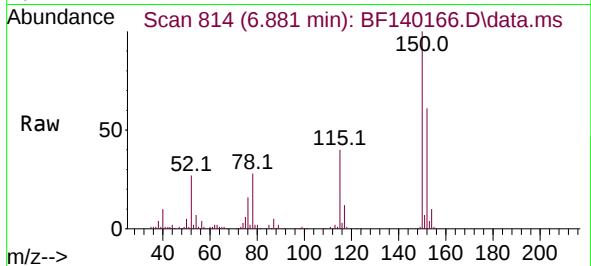




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.011 min
Lab File: BF140166.D
Acq: 30 Oct 2024 19:05

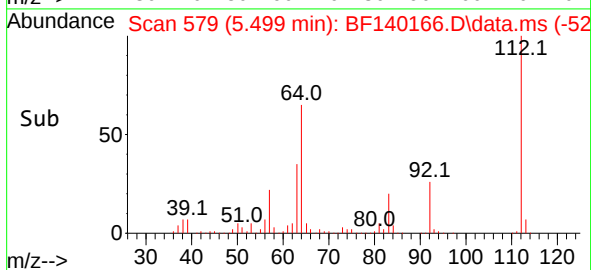
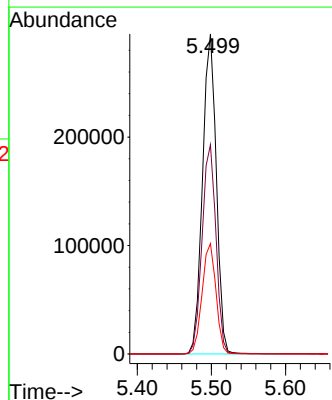
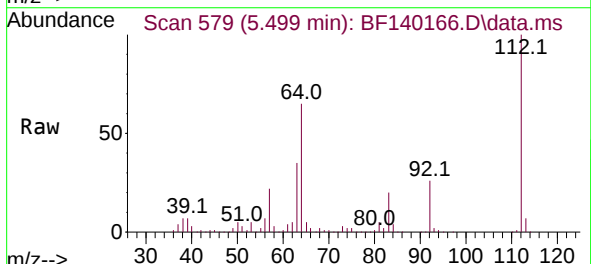
Instrument :
BNA_F
ClientSampleId :
HR-01-102924

Tgt Ion:152 Resp: 73689
Ion Ratio Lower Upper
152 100
150 163.9 130.2 195.2
115 66.1 51.4 77.2



#5
2-Fluorophenol
Concen: 81.117 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140166.D
Acq: 30 Oct 2024 19:05

Tgt Ion:112 Resp: 381824
Ion Ratio Lower Upper
112 100
64 65.4 53.0 79.6
63 34.5 27.0 40.4





#7
Phenol-d6
Concen: 76.992 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140166.D
Acq: 30 Oct 2024 19:05

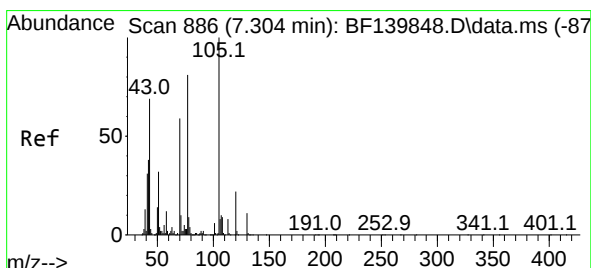
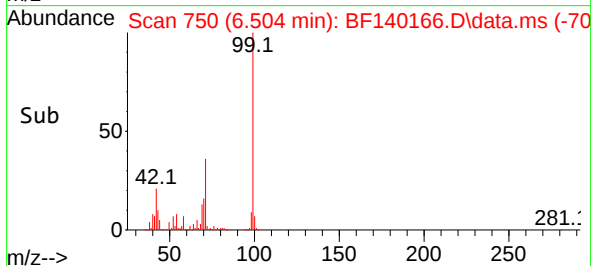
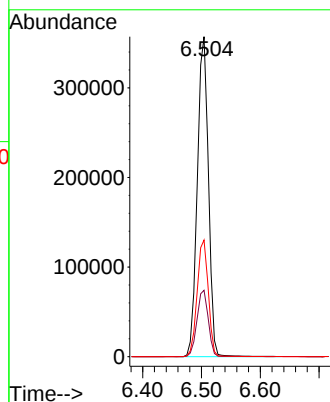
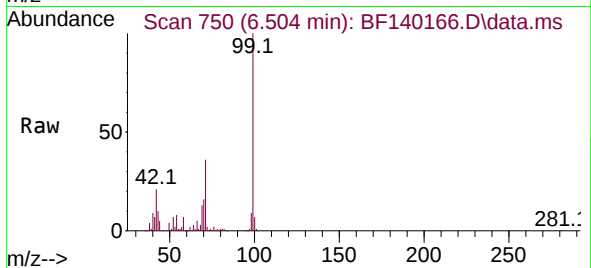
Instrument :

BNA_F

ClientSampleId :

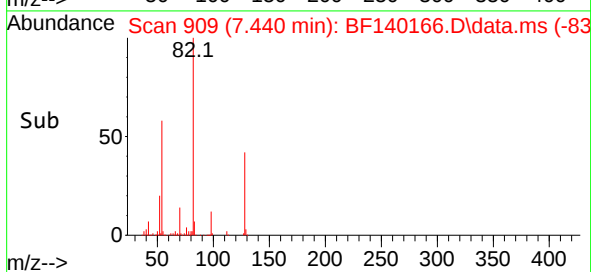
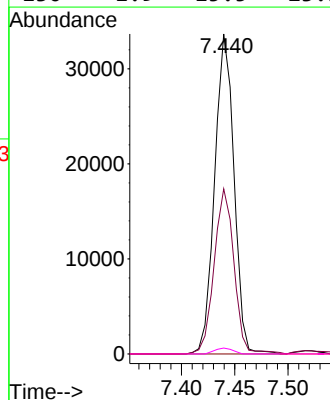
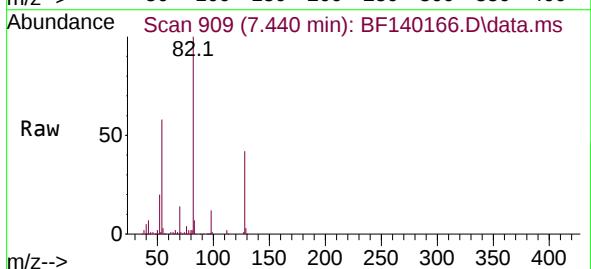
HR-01-102924

Tgt Ion: 99 Resp: 469376
Ion Ratio Lower Upper
99 100
42 20.7 16.7 25.1
71 36.5 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 11.461 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.136 min
Lab File: BF140166.D
Acq: 30 Oct 2024 19:05

Tgt Ion: 70 Resp: 42378
Ion Ratio Lower Upper
70 100
42 51.6 51.5 77.3
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



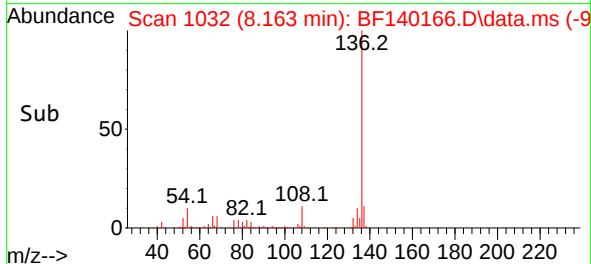
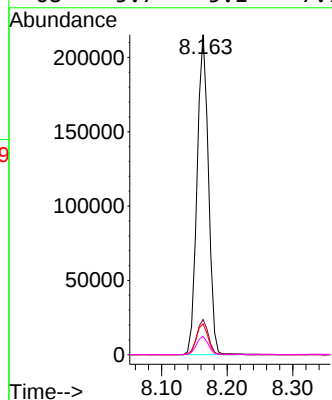
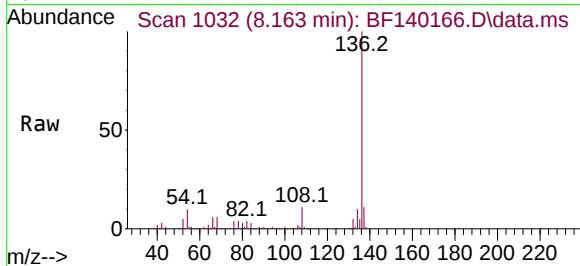


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1034
Delta R.T. -0.011 min
Lab File: BF140166.D
Acq: 30 Oct 2024 19:05

Instrument :
BNA_F
ClientSampleId :
HR-01-102924

Tgt Ion:136 Resp: 260011

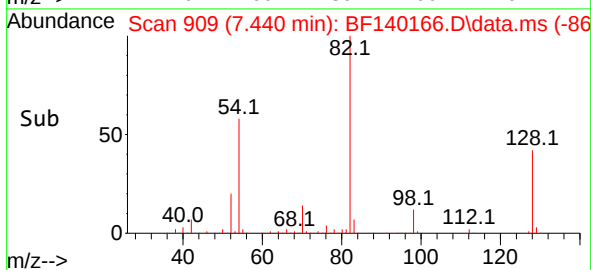
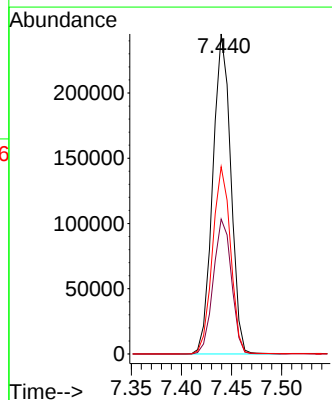
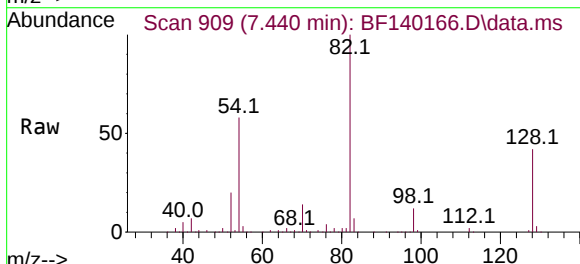
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	9.7	8.4	12.6
68	5.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 65.395 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.011 min
Lab File: BF140166.D
Acq: 30 Oct 2024 19:05

Tgt Ion: 82 Resp: 306789

Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.4	50.0
54	58.5	47.8	71.8

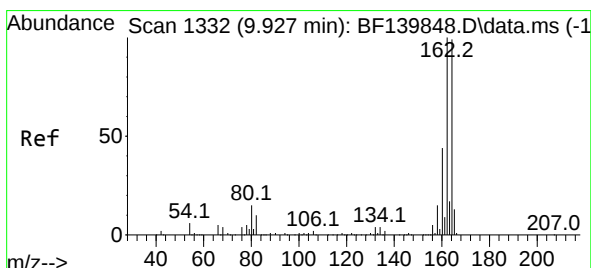
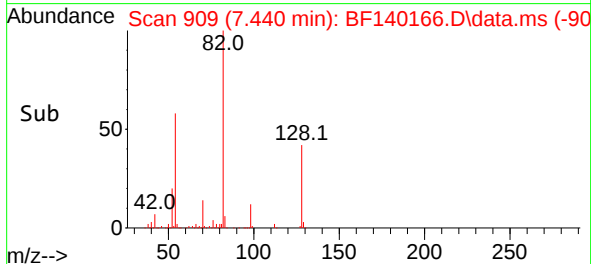
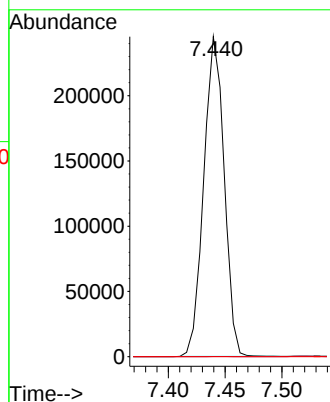
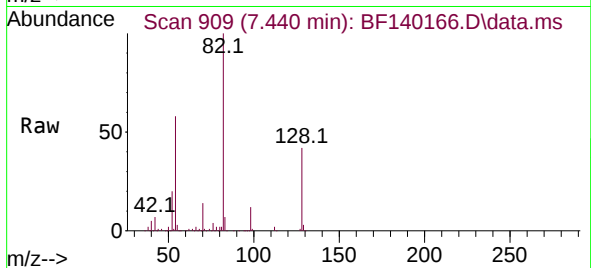




#25
Isophorone
Concen: 34.268 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.270 min
Lab File: BF140166.D
Acq: 30 Oct 2024 19:05

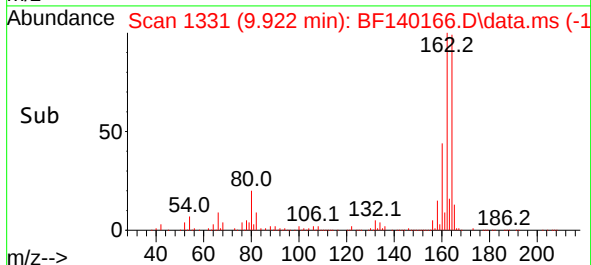
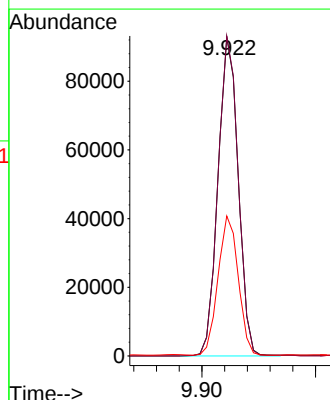
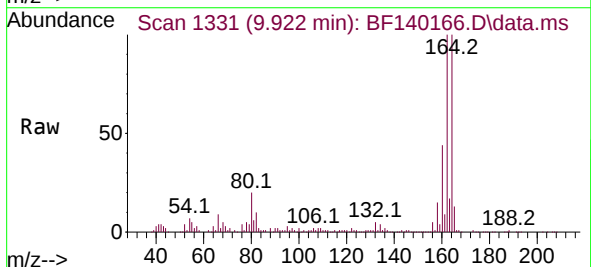
Instrument :
BNA_F
ClientSampleId :
HR-01-102924

Tgt Ion: 82 Resp: 305127
Ion Ratio Lower Upper
82 100
95 0.1 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: BF140166.D
Acq: 30 Oct 2024 19:05

Tgt Ion: 164 Resp: 115022
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.4
160 43.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 80.911 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF140166.D

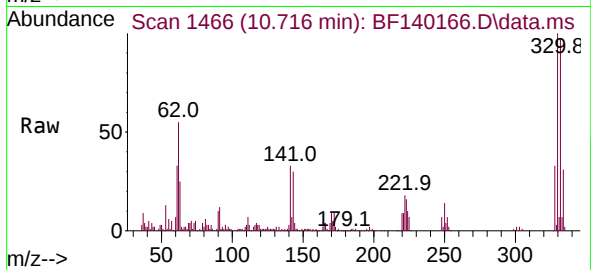
Acq: 30 Oct 2024 19:05

Instrument :

BNA_F

ClientSampleId :

HR-01-102924



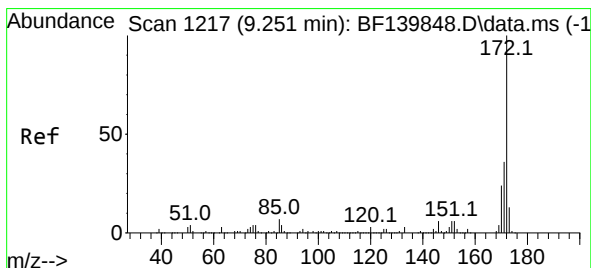
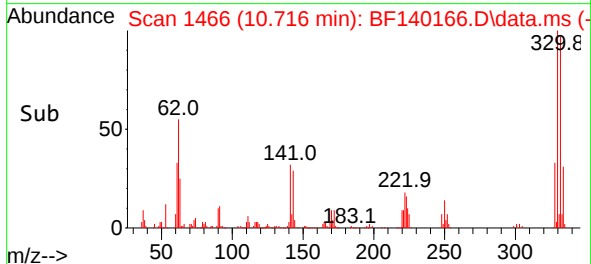
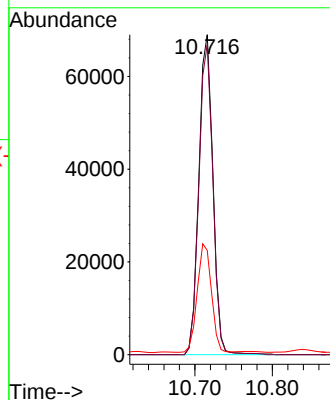
Tgt Ion:330 Resp: 87050

Ion Ratio Lower Upper

330 100

332 96.5 78.1 117.1

141 34.0 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 73.839 ng

RT: 9.240 min Scan# 1215

Delta R.T. -0.011 min

Lab File: BF140166.D

Acq: 30 Oct 2024 19:05

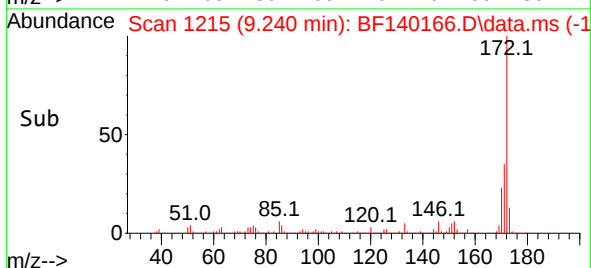
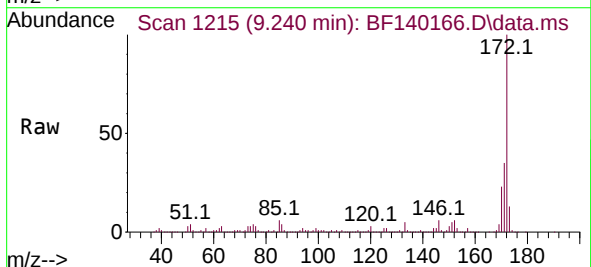
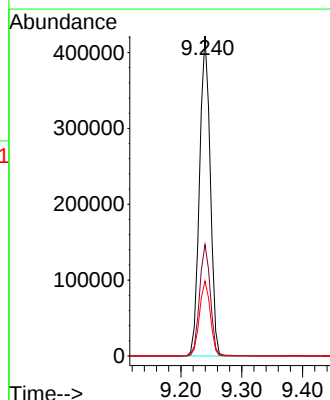
Tgt Ion:172 Resp: 513893

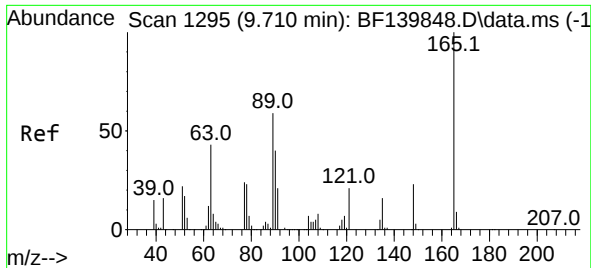
Ion Ratio Lower Upper

172 100

171 34.8 28.6 43.0

170 23.4 19.1 28.7

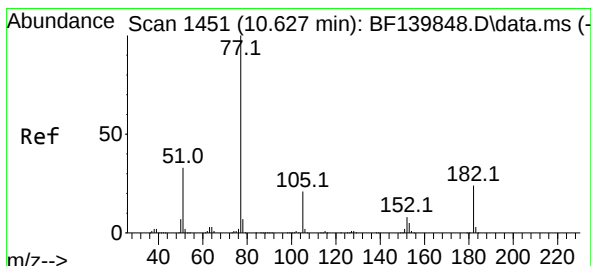
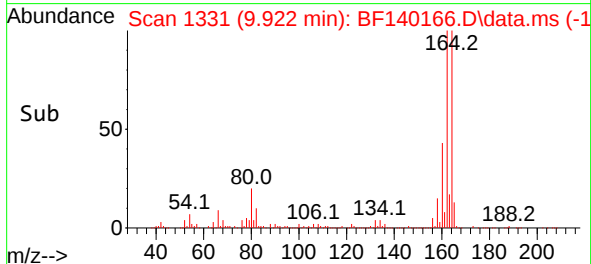
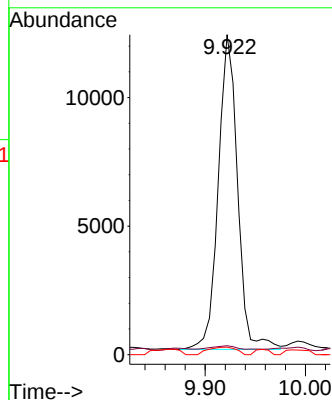
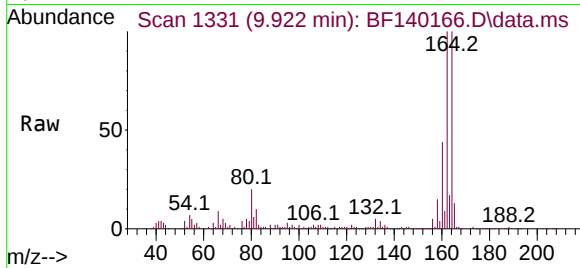




#51
2,6-Dinitrotoluene
Concen: 10.550 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140166.D
Acq: 30 Oct 2024 19:05

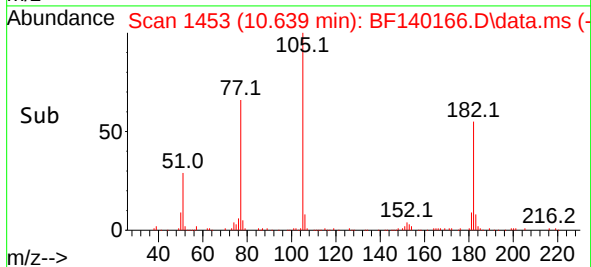
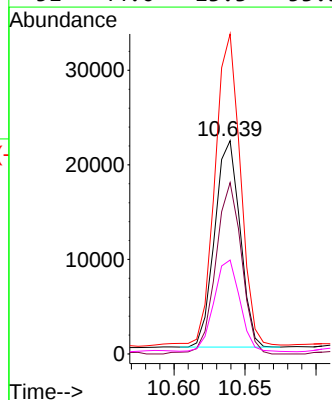
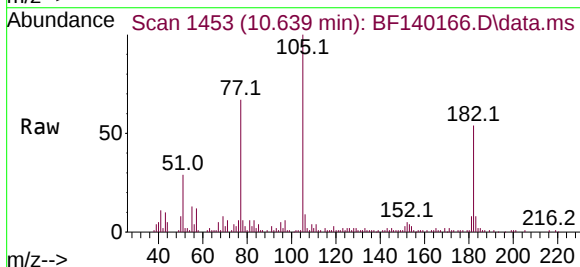
Instrument :
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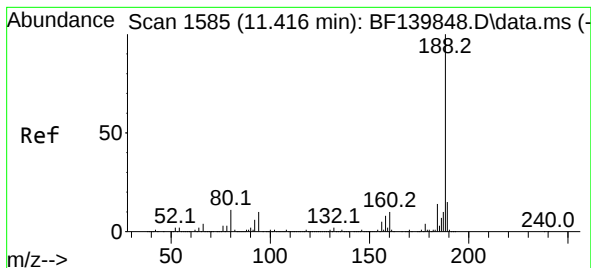
Tgt Ion:165 Resp: 16366
Ion Ratio Lower Upper
165 100
63 2.8 50.6 75.8#
89 2.4 47.5 71.3#



#63
Azobenzene
Concen: 3.631 ng
RT: 10.639 min Scan# 1453
Delta R.T. 0.012 min
Lab File: BF140166.D
Acq: 30 Oct 2024 19:05

Tgt Ion: 77 Resp: 27082
Ion Ratio Lower Upper
77 100
182 80.3 3.3 43.3#
105 150.0 1.2 41.2#
51 44.0 13.3 53.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140166.D

Acq: 30 Oct 2024 19:05

Instrument :

BNA_F

ClientSampleId :

HR-01-102924

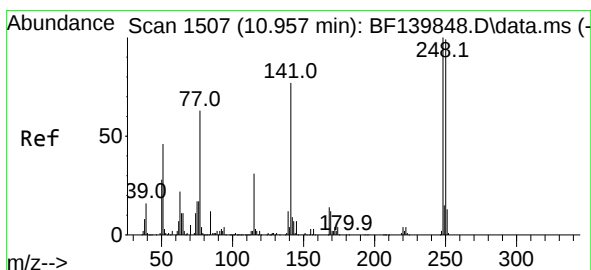
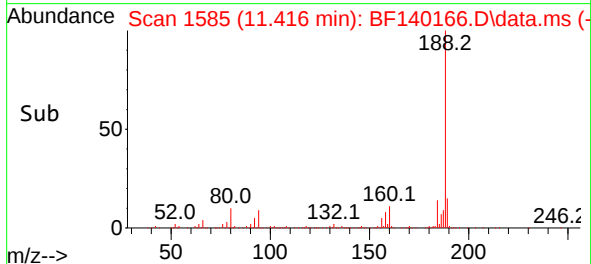
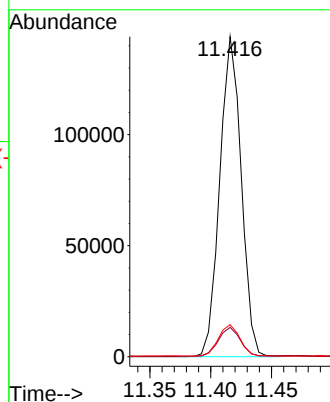
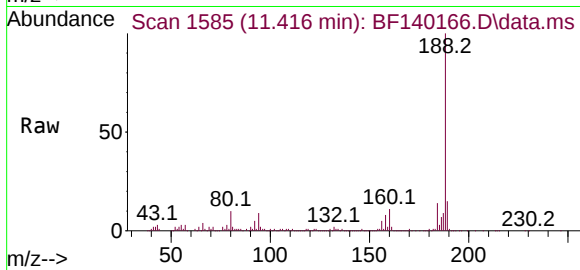
Tgt Ion:188 Resp: 176868

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

80 10.0 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 3.159 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF140166.D

Acq: 30 Oct 2024 19:05

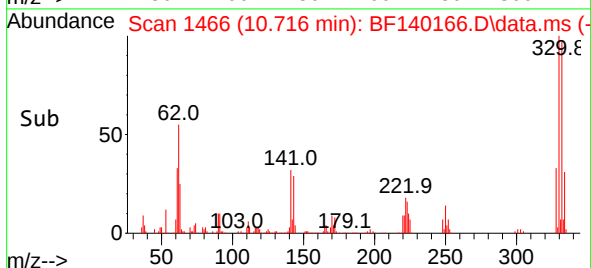
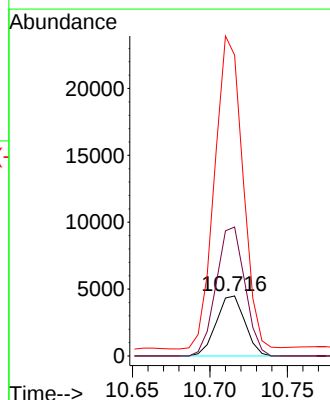
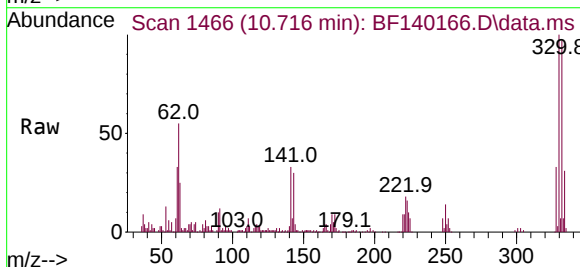
Tgt Ion:248 Resp: 5756

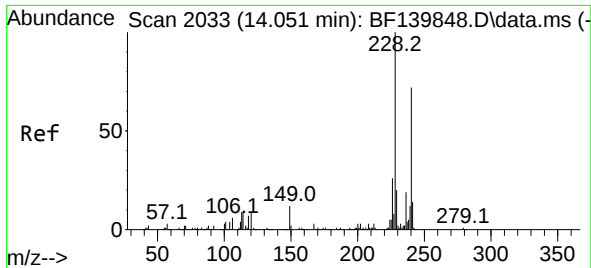
Ion Ratio Lower Upper

248 100

250 215.0 79.0 118.6#

141 501.3 61.7 92.5#

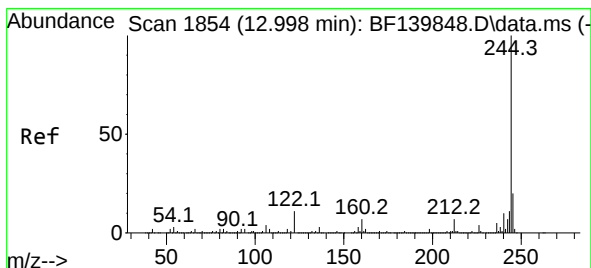
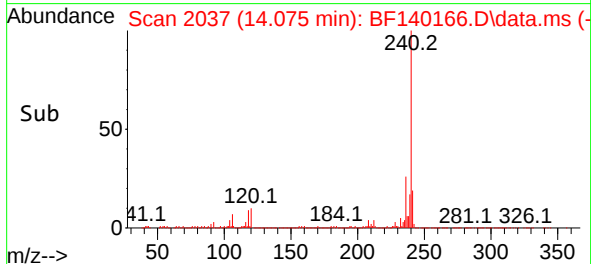
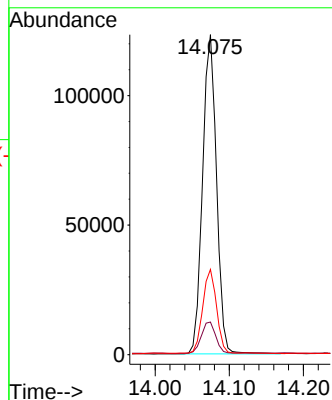
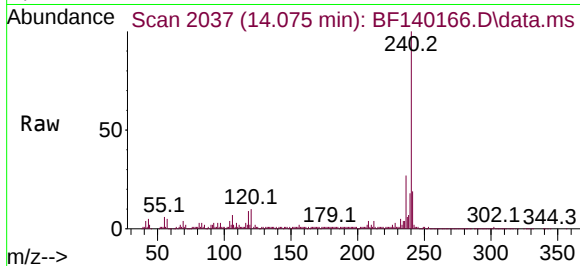




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.075 min Scan# 2033
Delta R.T. 0.024 min
Lab File: BF140166.D
Acq: 30 Oct 2024 19:05

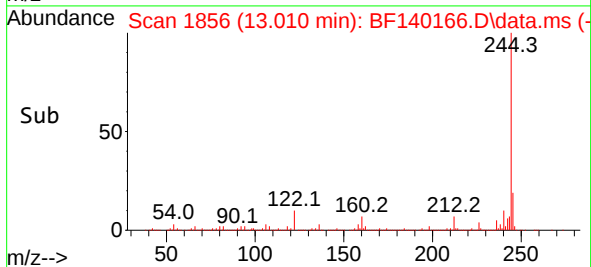
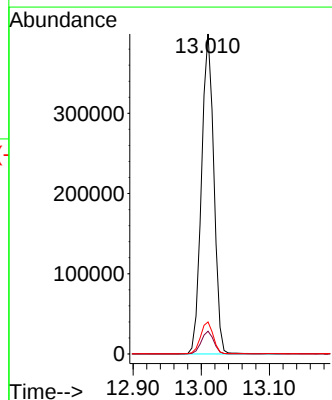
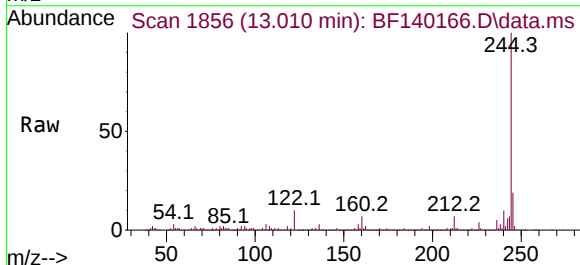
Instrument :
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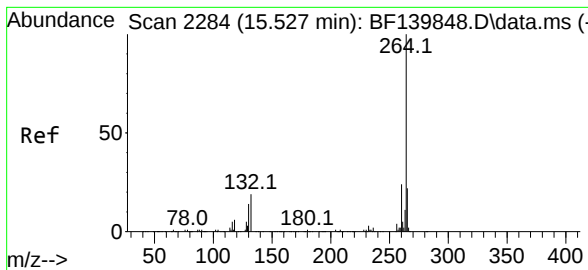
Tgt Ion:240 Resp: 161160
Ion Ratio Lower Upper
240 100
120 10.2 9.4 14.2
236 26.6 20.9 31.3



#79
Terphenyl-d14
Concen: 50.929 ng
RT: 13.010 min Scan# 1856
Delta R.T. 0.012 min
Lab File: BF140166.D
Acq: 30 Oct 2024 19:05

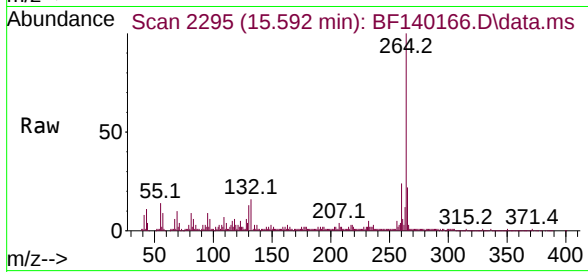
Tgt Ion:244 Resp: 503699
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.0 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.592 min Scan# 21
 Delta R.T. 0.065 min
 Lab File: BF140166.D
 Acq: 30 Oct 2024 19:05

Instrument :
 BNA_F
 ClientSampleId :
 HR-01-102924



Tgt Ion:264 Resp: 119481

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	22.2	17.4	26.0

