

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140116.D
 Acq On : 29 Oct 2024 17:18
 Operator : RC/JU
 Sample : P4594-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F17

Quant Time: Oct 29 18:09:35 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)

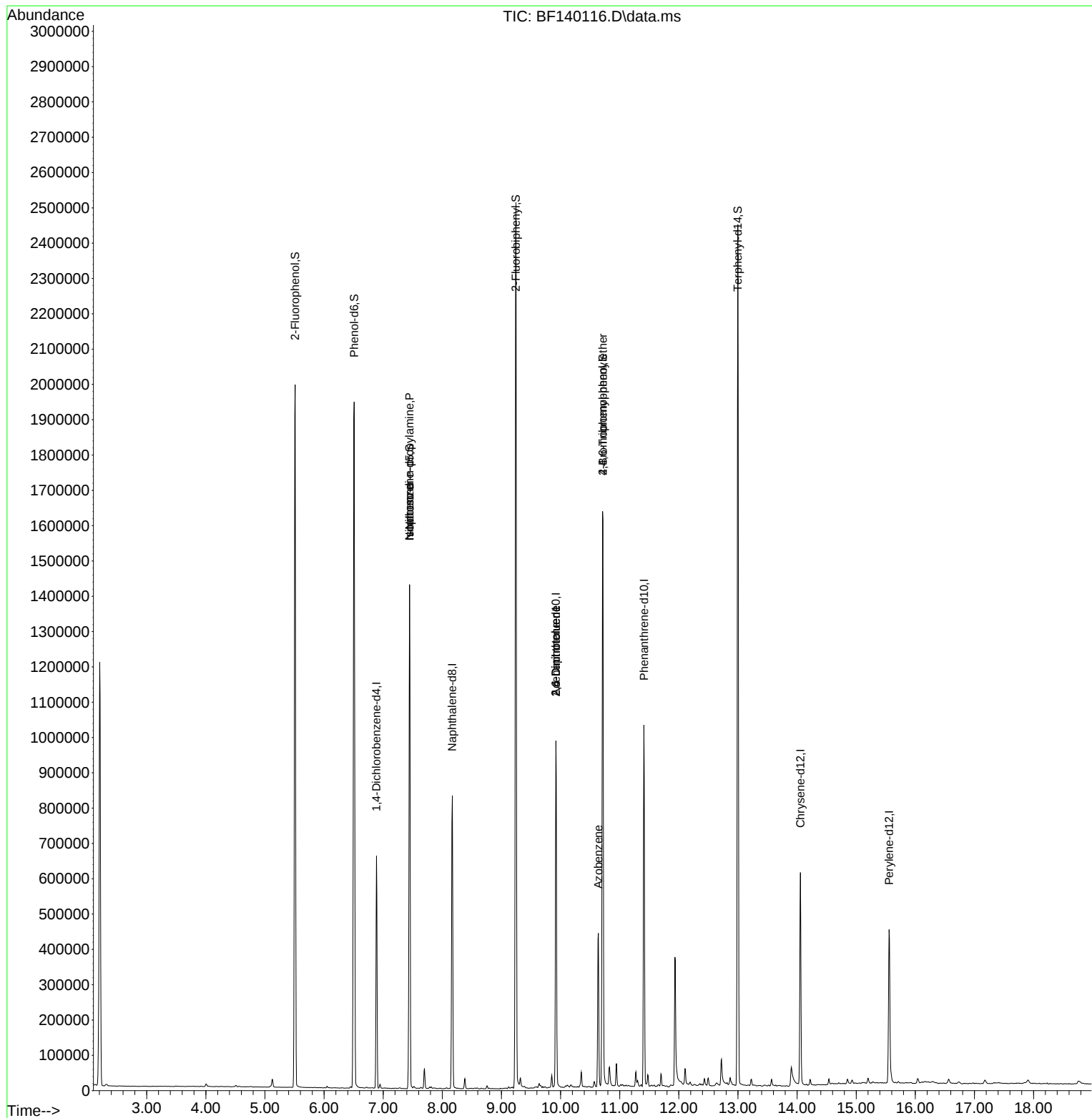
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	128284	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	516905	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	297540	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	534250	20.000	ng	0.00
76) Chrysene-d12	14.057	240	284650	20.000	ng	0.00
86) Perylene-d12	15.557	264	276233	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	753656	91.971	ng	0.01
7) Phenol-d6	6.510	99	976120	91.972	ng	0.00
23) Nitrobenzene-d5	7.445	82	641780	68.813	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	299315	107.547	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1179471	65.514	ng	0.00
79) Terphenyl-d14	12.998	244	1217567	69.700	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	88241	13.709	ng	Qvalue # 76
25) Isophorone	7.445	82	637030	35.987	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	38699	9.644	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	38699	7.842	ng	# 21
63) Azobenzene	10.639	77	117523	6.092	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	19665	3.573	ng	# 1

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

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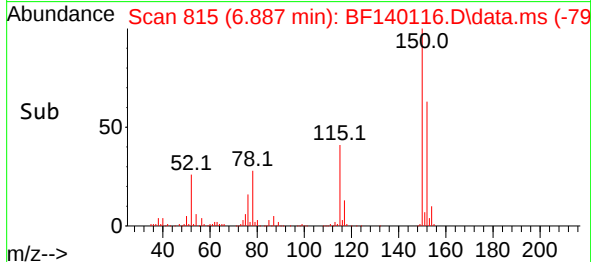
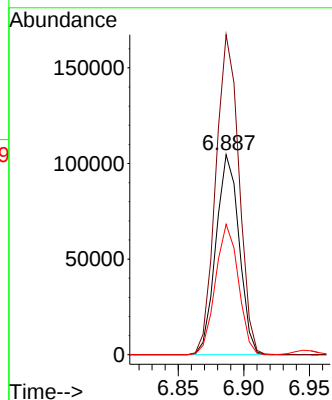
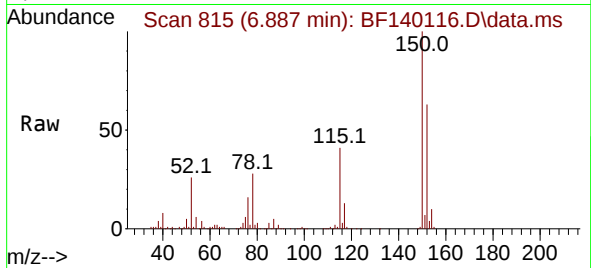




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140116.D
Acq: 29 Oct 2024 17:18

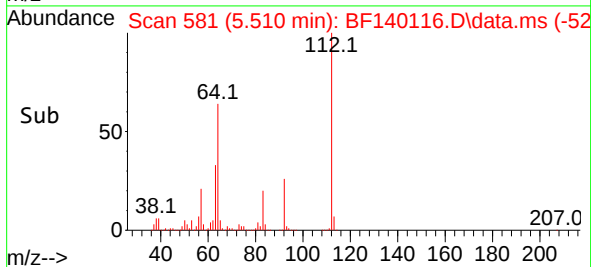
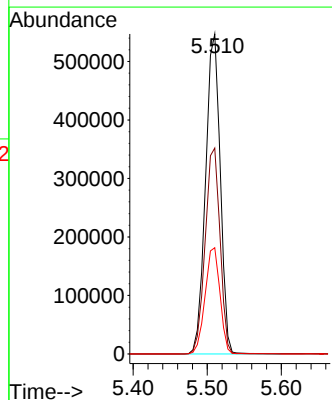
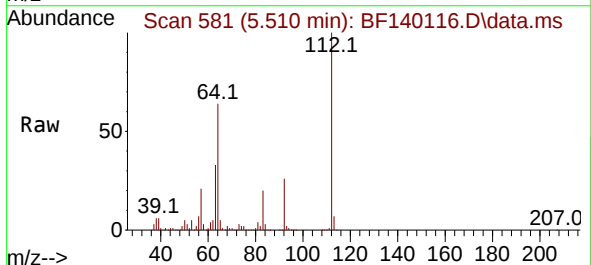
Instrument :
BNA_F
ClientSampleId :
BP-F17

Tgt Ion:152 Resp: 128284
Ion Ratio Lower Upper
152 100
150 159.9 130.2 195.2
115 65.2 51.4 77.2



#5
2-Fluorophenol
Concen: 91.971 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140116.D
Acq: 29 Oct 2024 17:18

Tgt Ion:112 Resp: 753656
Ion Ratio Lower Upper
112 100
64 64.4 53.0 79.6
63 33.2 27.0 40.4

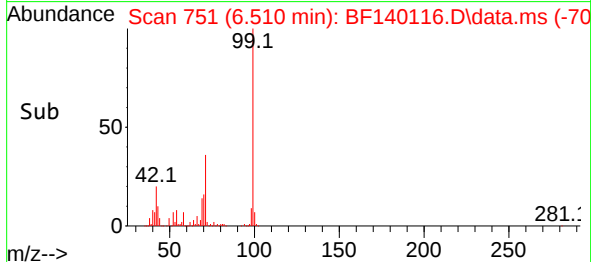
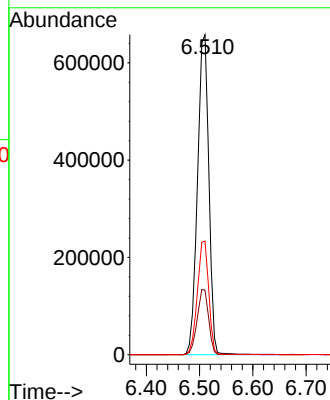
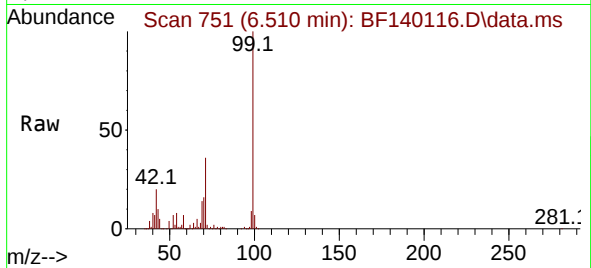




#7
Phenol-d6
Concen: 91.972 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140116.D
Acq: 29 Oct 2024 17:18

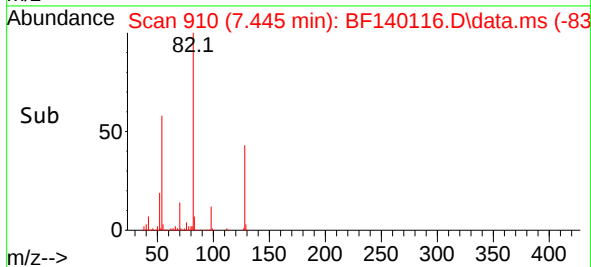
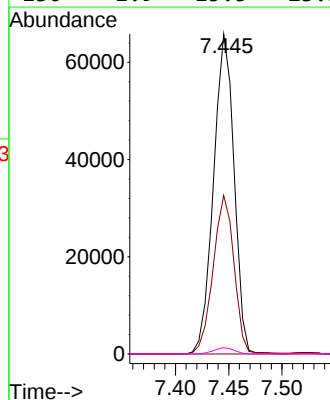
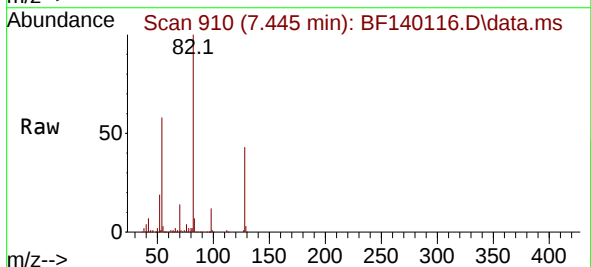
Instrument :
BNA_F
ClientSampleId :
BP-F17

Tgt Ion: 99 Resp: 976120
Ion Ratio Lower Upper
99 100
42 20.1 16.7 25.1
71 35.5 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.709 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140116.D
Acq: 29 Oct 2024 17:18

Tgt Ion: 70 Resp: 88241
Ion Ratio Lower Upper
70 100
42 49.6 51.5 77.3#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#

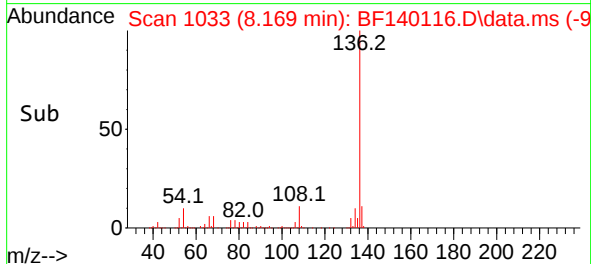
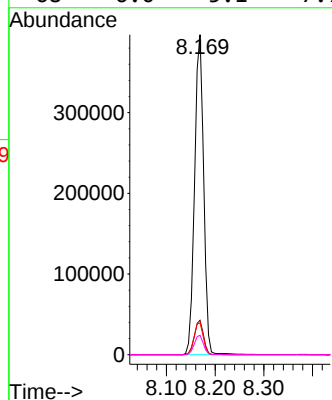
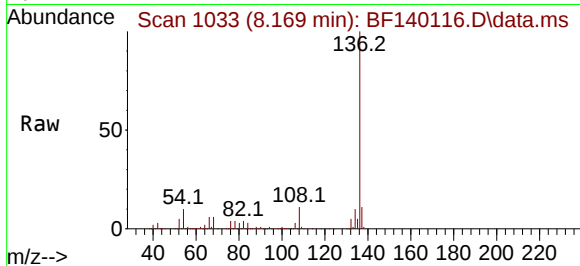




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140116.D
Acq: 29 Oct 2024 17:18

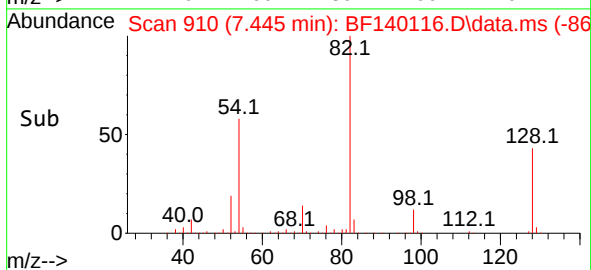
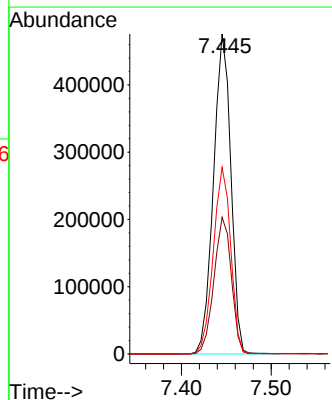
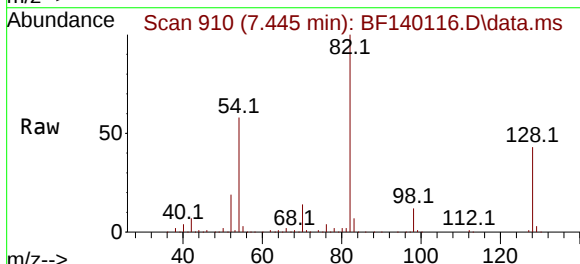
Instrument :
BNA_F
ClientSampleId :
BP-F17

Tgt Ion:	136	Resp:	516905
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.0	8.4	12.6
68	6.0	5.1	7.7



#23
Nitrobenzene-d5
Concen: 68.813 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140116.D
Acq: 29 Oct 2024 17:18

Tgt Ion:	82	Resp:	641780
Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.4	50.0
54	58.3	47.8	71.8

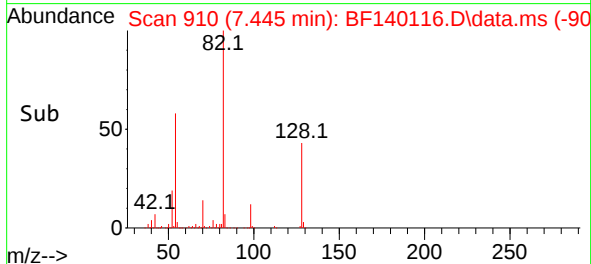
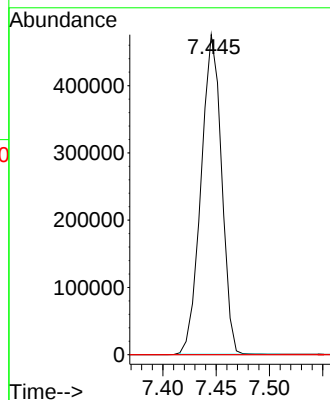
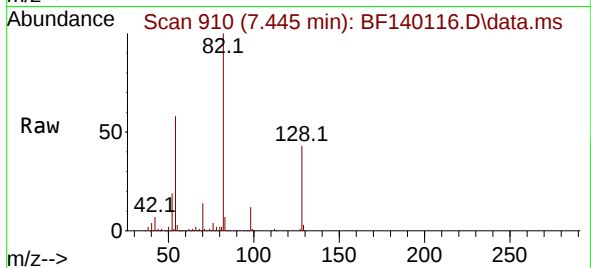




#25
Isophorone
Concen: 35.987 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF140116.D
Acq: 29 Oct 2024 17:18

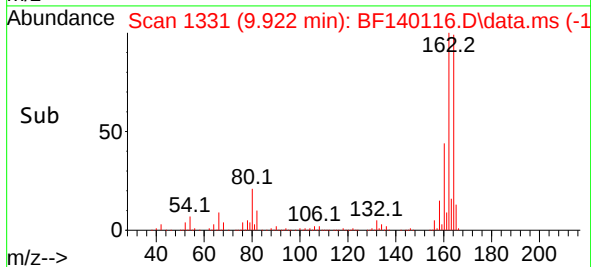
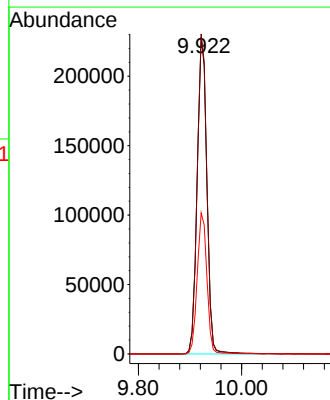
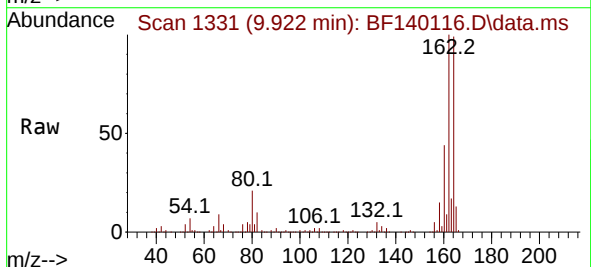
Instrument :
BNA_F
ClientSampleId :
BP-F17

Tgt Ion: 82 Resp: 637030
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: BF140116.D
Acq: 29 Oct 2024 17:18

Tgt Ion:164 Resp: 297540
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.4
160 44.5 35.4 53.0

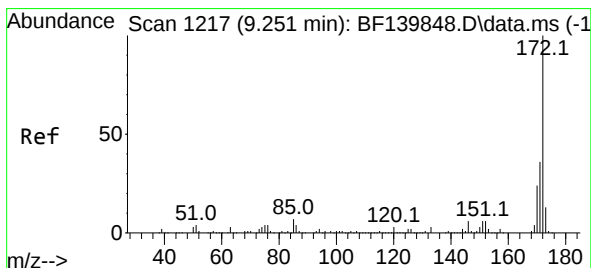
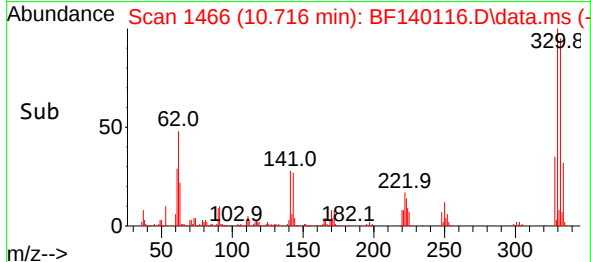
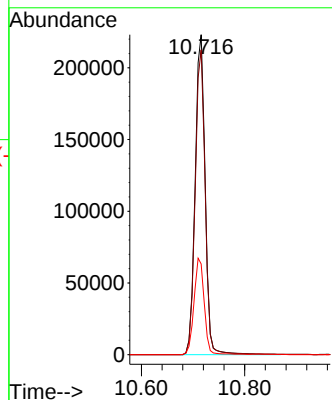
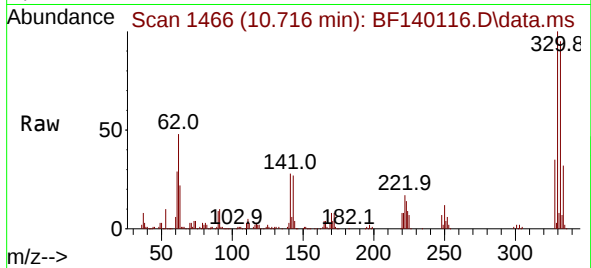




#42
2,4,6-Tribromophenol
Concen: 107.547 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140116.D
Acq: 29 Oct 2024 17:18

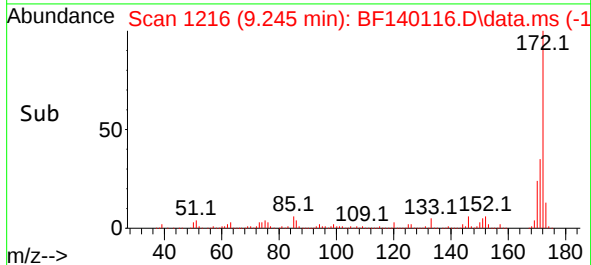
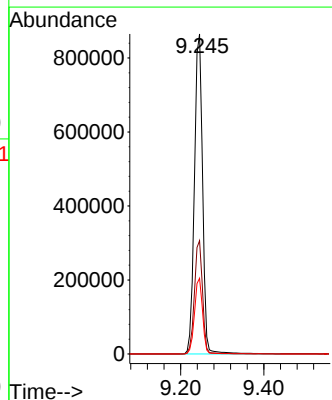
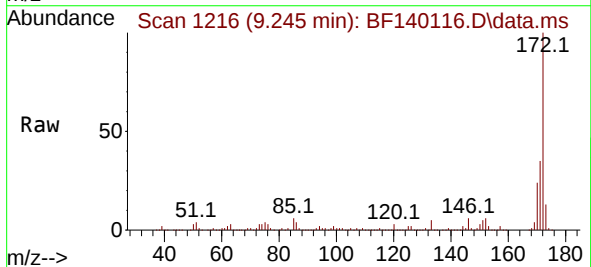
Instrument :
BNA_F
ClientSampleId :
BP-F17

Tgt Ion:330 Resp: 299315
Ion Ratio Lower Upper
330 100
332 95.3 78.1 117.1
141 31.0 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 65.514 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140116.D
Acq: 29 Oct 2024 17:18

Tgt Ion:172 Resp: 1179471
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.7 19.1 28.7

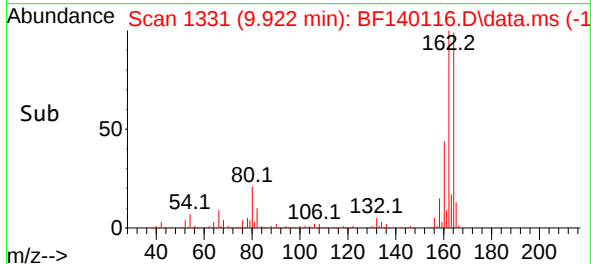
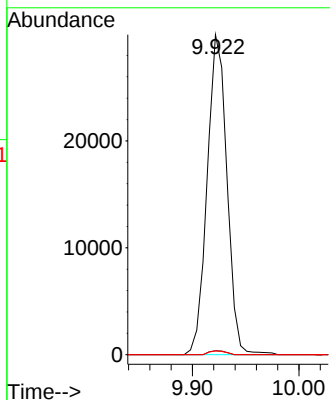
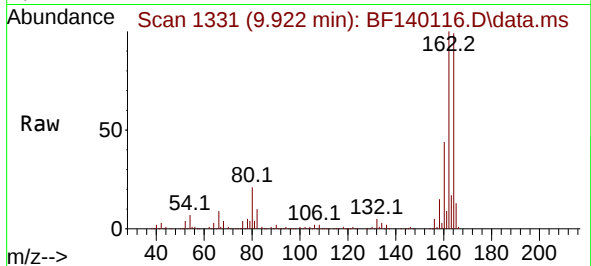




#51
2,6-Dinitrotoluene
Concen: 9.644 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140116.D
Acq: 29 Oct 2024 17:18

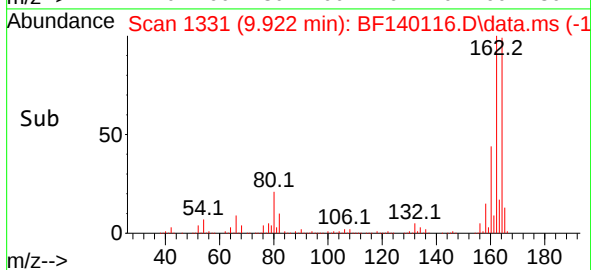
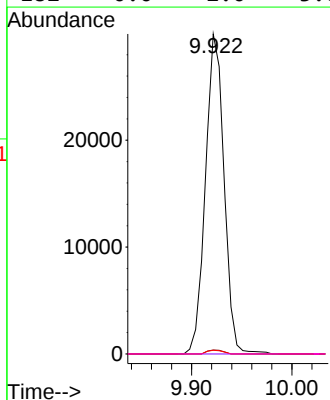
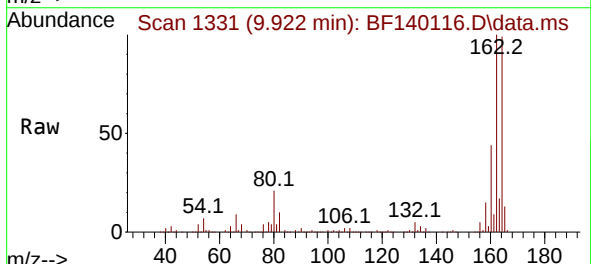
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BNA_F
ClientSampleId :
BP-F17

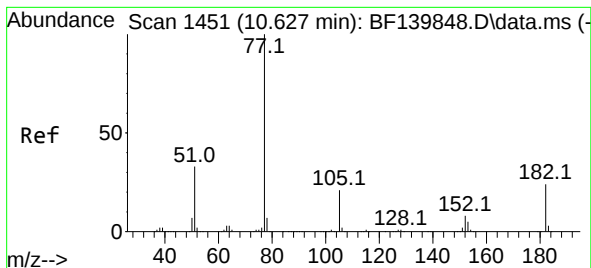
Tgt Ion:165 Resp: 38699
Ion Ratio Lower Upper
165 100
63 1.3 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.842 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140116.D
Acq: 29 Oct 2024 17:18

Tgt Ion:165 Resp: 38699
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 6.092 ng

RT: 10.639 min Scan# 1451

Delta R.T. 0.012 min

Lab File: BF140116.D

Acq: 29 Oct 2024 17:18

Instrument :

BNA_F

ClientSampleId :

BP-F17

Tgt Ion: 77 Resp: 117523

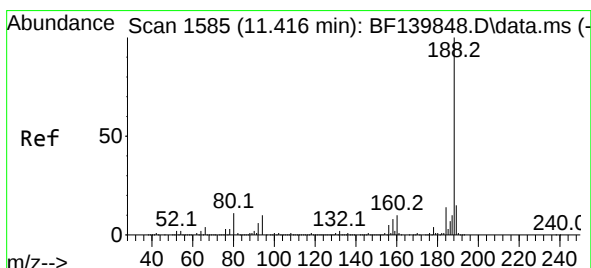
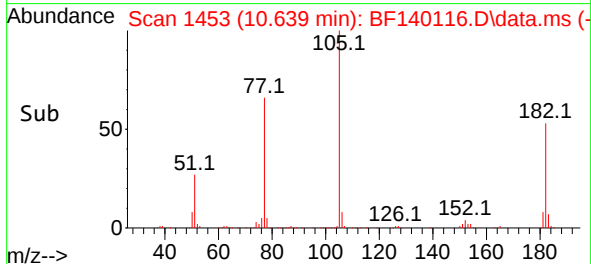
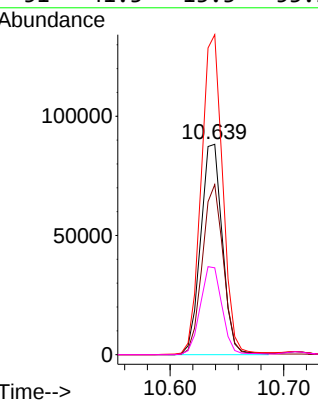
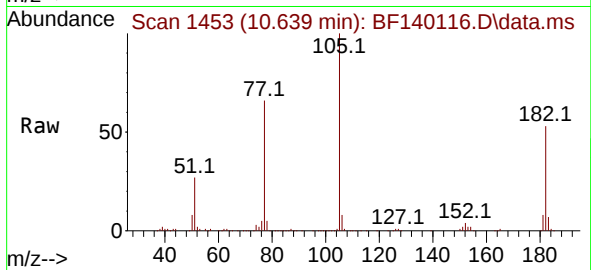
Ion Ratio Lower Upper

77 100

182 80.9 3.3 43.3#

105 152.1 1.2 41.2#

51 41.3 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF140116.D

Acq: 29 Oct 2024 17:18

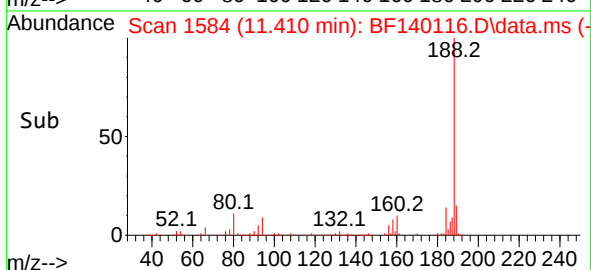
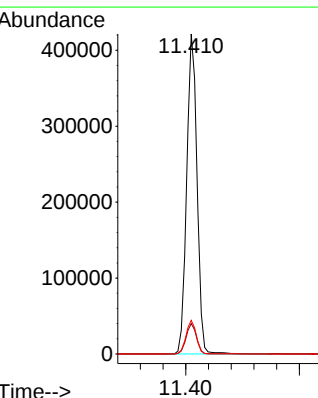
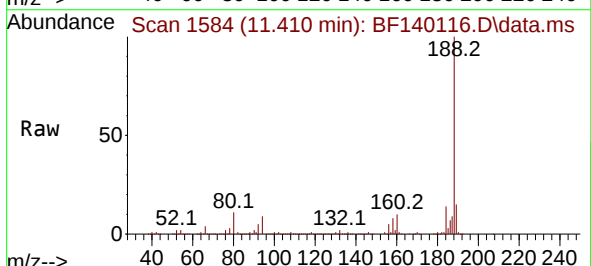
Tgt Ion:188 Resp: 534250

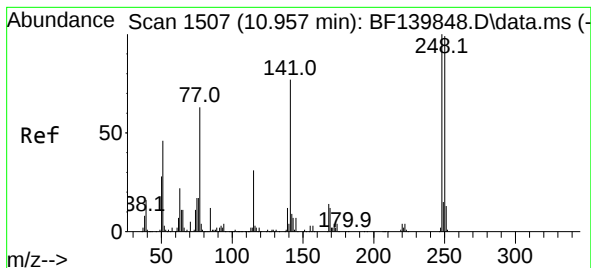
Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

80 10.5 9.0 13.4

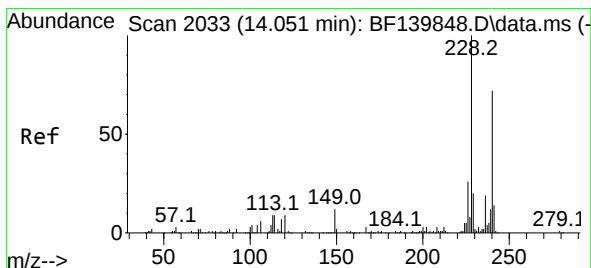
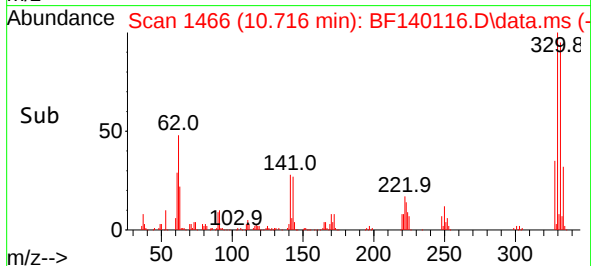
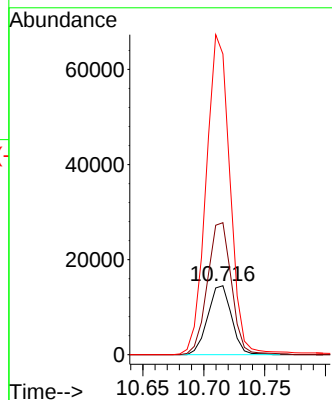
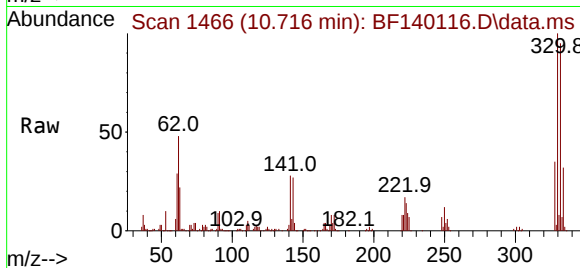




#67
4-Bromophenyl-phenylether
Concen: 3.573 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140116.D
Acq: 29 Oct 2024 17:18

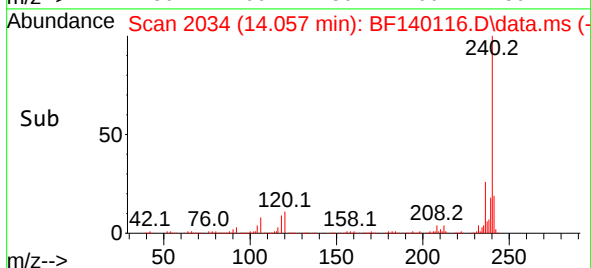
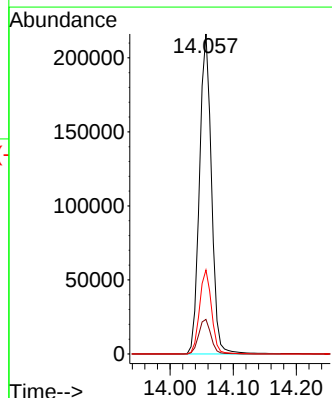
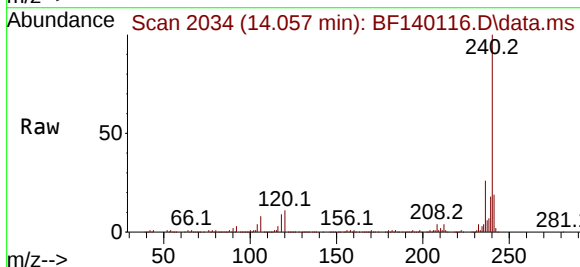
Instrument :
BNA_F
ClientSampleId :
BP-F17

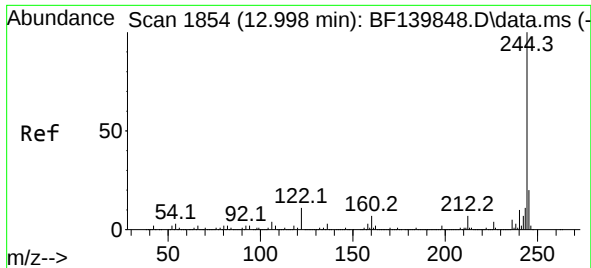
Tgt Ion:248 Resp: 19665
Ion Ratio Lower Upper
248 100
250 191.5 79.0 118.6#
141 435.9 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140116.D
Acq: 29 Oct 2024 17:18

Tgt Ion:240 Resp: 284650
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 26.3 20.9 31.3

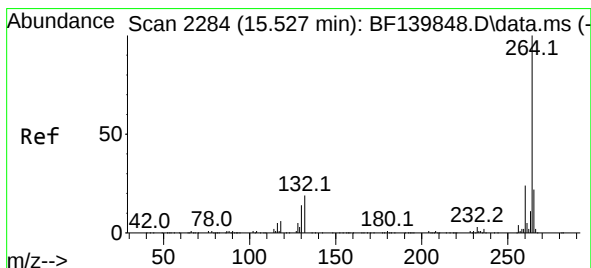
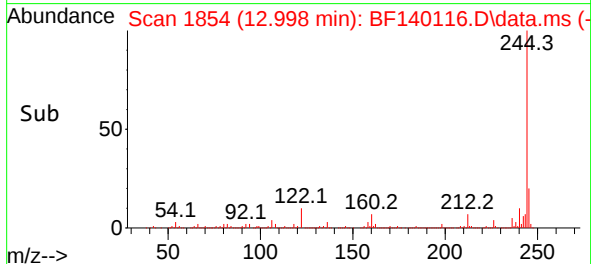
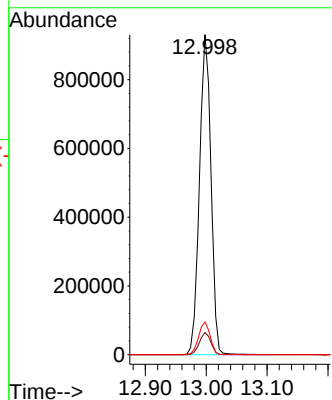
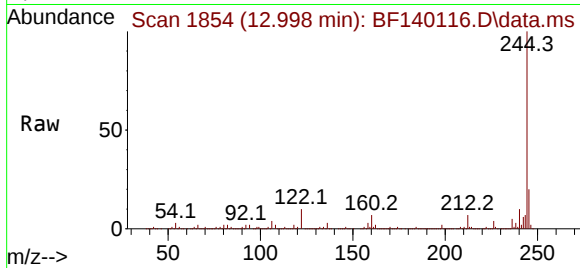




#79
 Terphenyl-d14
 Concen: 69.700 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140116.D
 Acq: 29 Oct 2024 17:18

Instrument :
 BNA_F
 ClientSampleId :
 BP-F17

Tgt Ion:244 Resp: 1217567
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.2 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2289
 Delta R.T. 0.029 min
 Lab File: BF140116.D
 Acq: 29 Oct 2024 17:18

Tgt Ion:264 Resp: 276233
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.4 17.4 26.0

