

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
 Data File : BF140484.D
 Acq On : 19 Nov 2024 19:54
 Operator : RC/JU
 Sample : P4908-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Nov 20 00:11:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

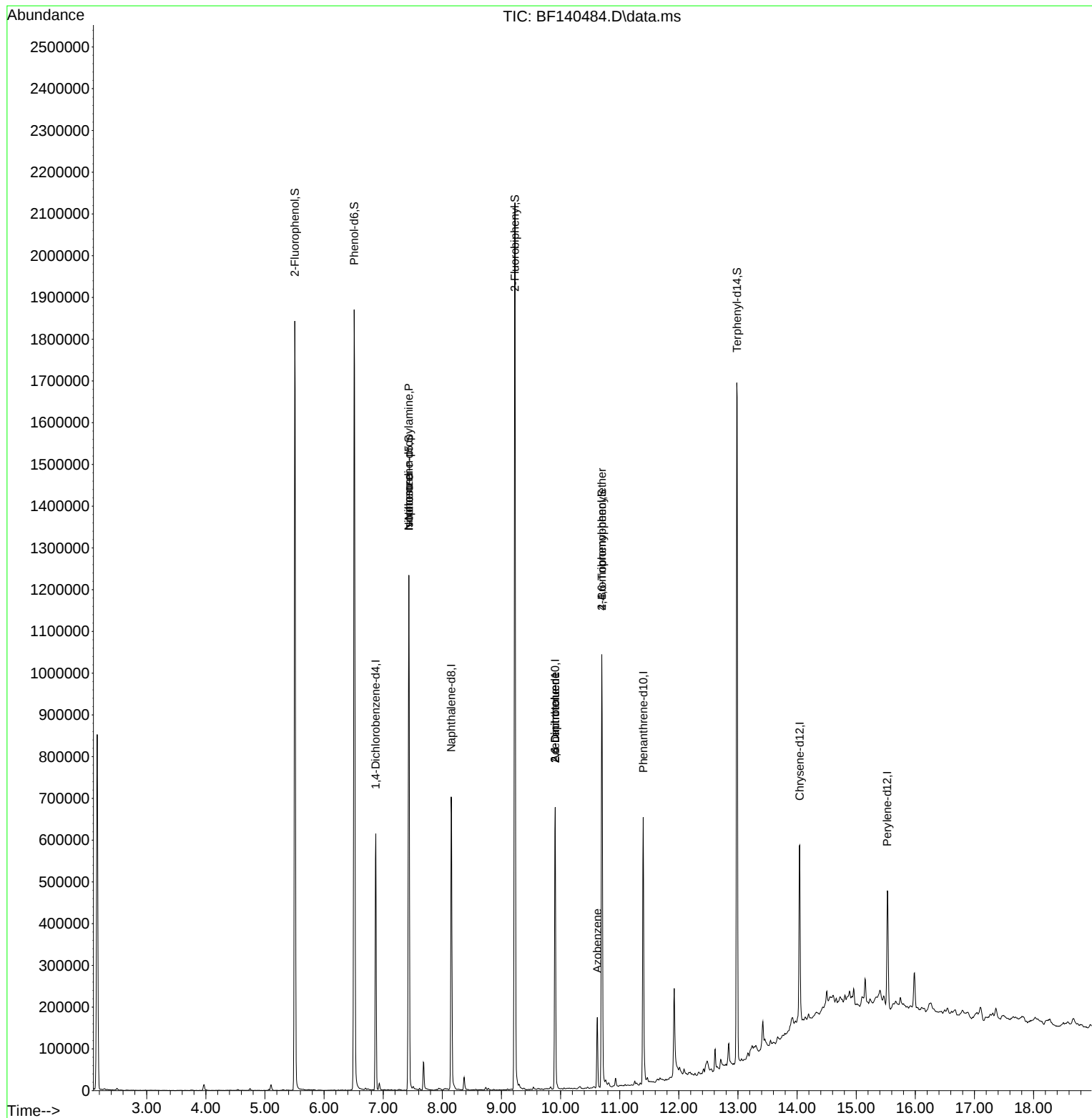
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	129619	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	458959	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	208804	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	339102	20.000	ng	0.00
76) Chrysene-d12	14.045	240	209256	20.000	ng	0.00
86) Perylene-d12	15.527	264	164972	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	700674	92.295	ng	0.01
7) Phenol-d6	6.510	99	907107	88.193	ng	0.00
23) Nitrobenzene-d5	7.434	82	568019	64.484	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	178217	85.830	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	971175	74.769	ng	0.00
79) Terphenyl-d14	12.986	244	818169	67.868	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	75801	12.202	ng	# 77
25) Isophorone	7.434	82	563888	36.120	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	27601	8.896	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	27601	6.759	ng	# 20
63) Azobenzene	10.622	77	43833	3.188	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	11611	3.425	ng	# 1

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

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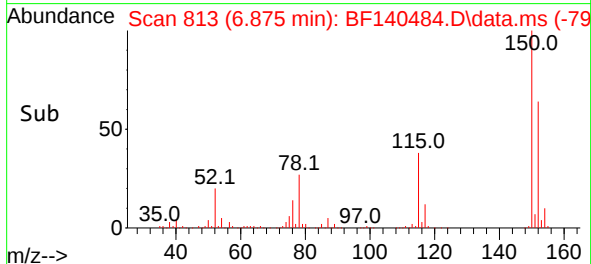
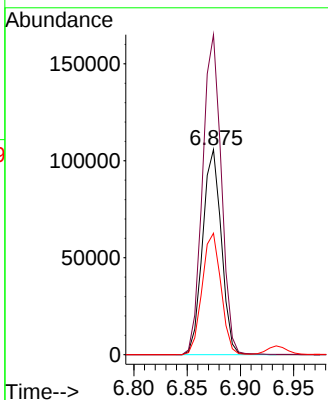
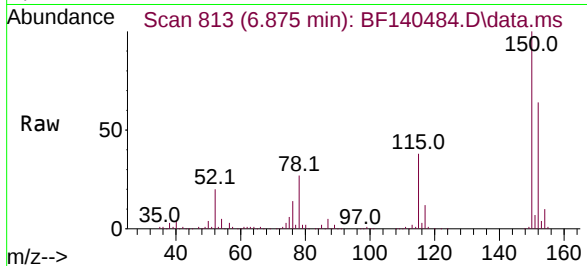




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140484.D
Acq: 19 Nov 2024 19:54

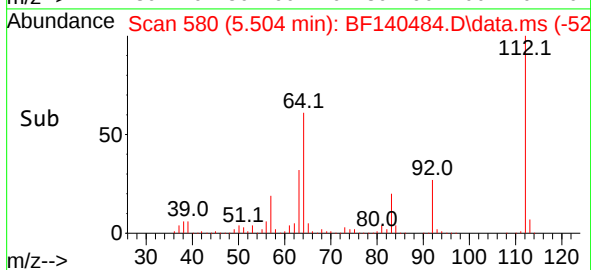
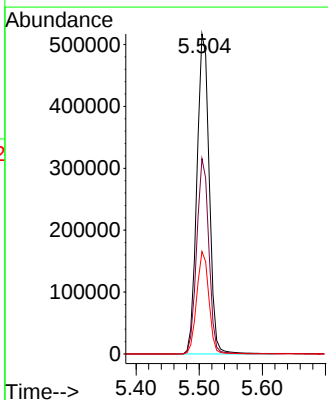
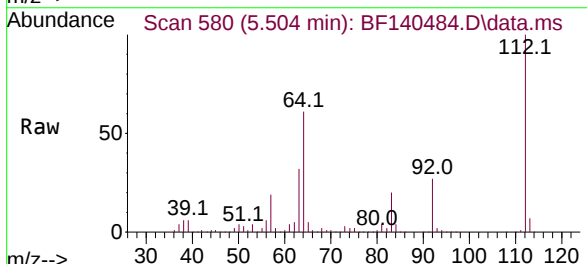
Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:152 Resp: 129619
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.0
115 59.2 47.4 71.2



#5
2-Fluorophenol
Concen: 92.295 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140484.D
Acq: 19 Nov 2024 19:54

Tgt Ion:112 Resp: 700674
Ion Ratio Lower Upper
112 100
64 61.0 49.2 73.8
63 32.0 25.6 38.4

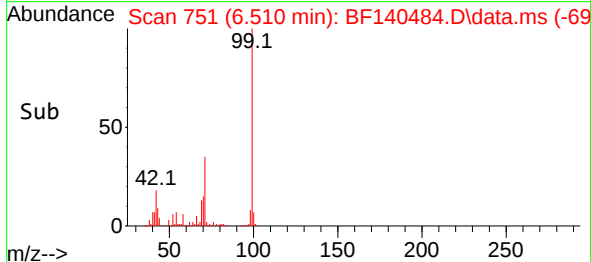
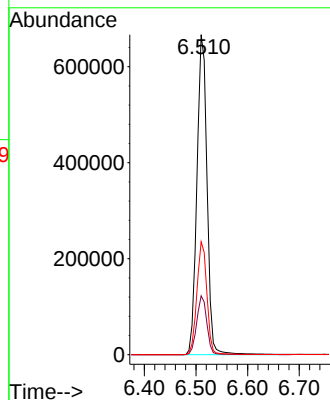
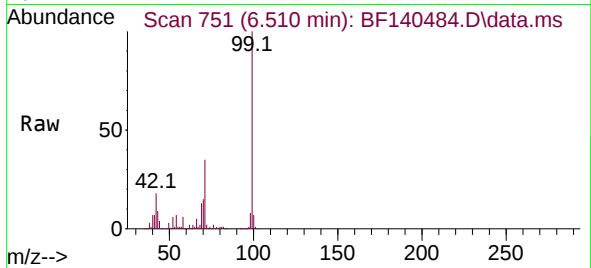




#7
Phenol-d6
Concen: 88.193 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140484.D
Acq: 19 Nov 2024 19:54

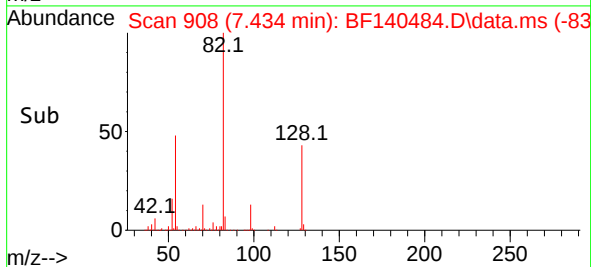
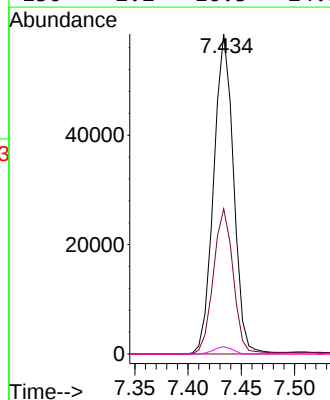
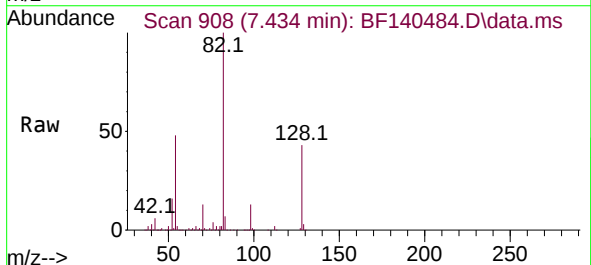
Instrument :
BNA_F
ClientSampleId :
SP-1

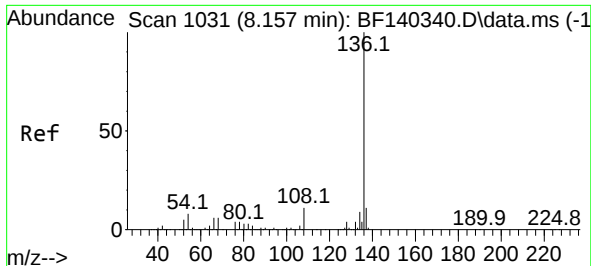
Tgt Ion: 99 Resp: 907107
Ion Ratio Lower Upper
99 100
42 18.4 15.1 22.7
71 35.3 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.202 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140484.D
Acq: 19 Nov 2024 19:54

Tgt Ion: 70 Resp: 75801
Ion Ratio Lower Upper
70 100
42 45.4 46.8 70.2#
101 0.0 7.5 11.3#
130 2.2 16.3 24.5#



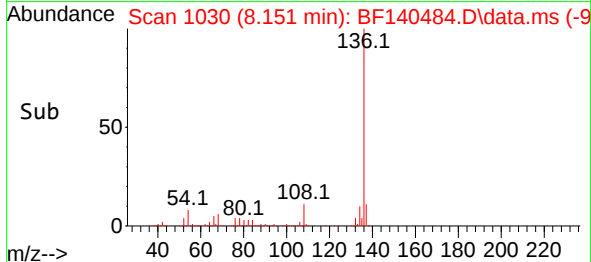
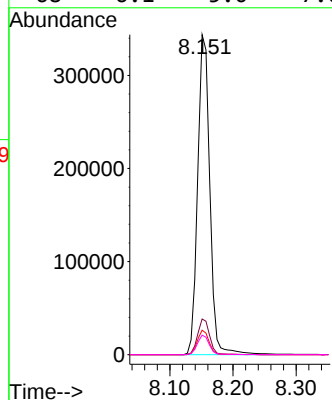
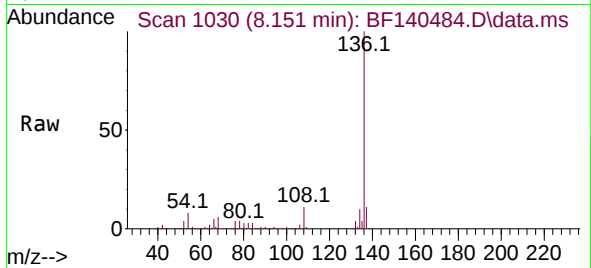


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140484.D
Acq: 19 Nov 2024 19:54

Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion:136 Resp: 458959

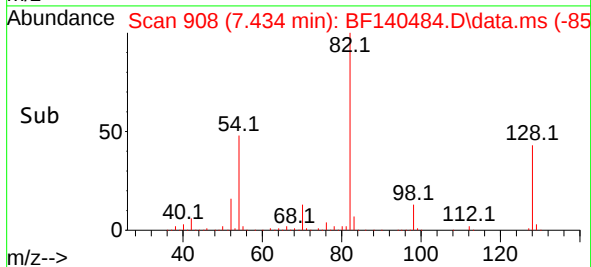
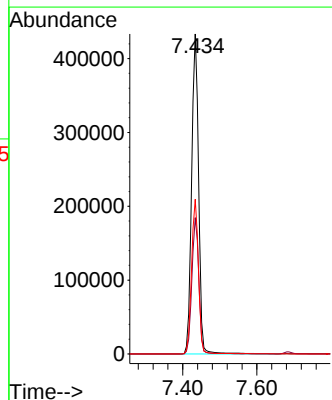
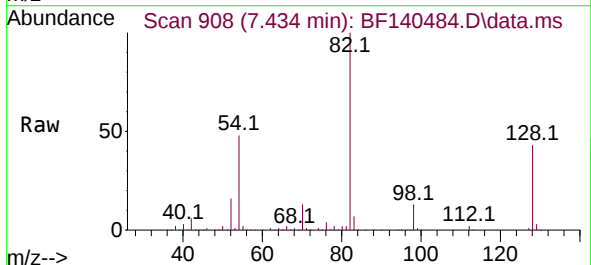
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	7.7	6.5	9.7
68	6.1	5.0	7.6



#23
Nitrobenzene-d5
Concen: 64.484 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140484.D
Acq: 19 Nov 2024 19:54

Tgt Ion: 82 Resp: 568019

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.3	49.9
54	48.3	39.8	59.8

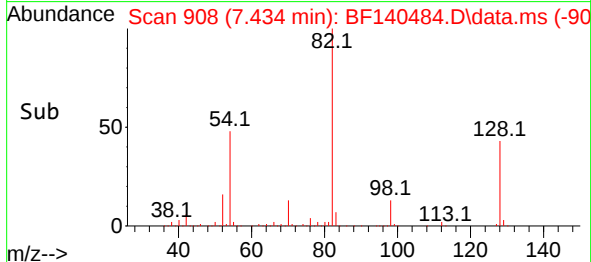
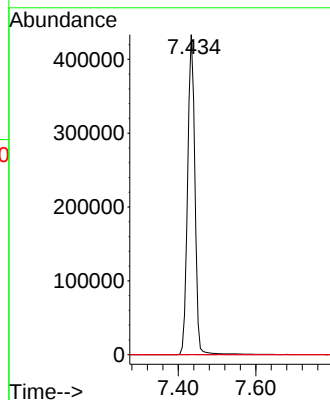
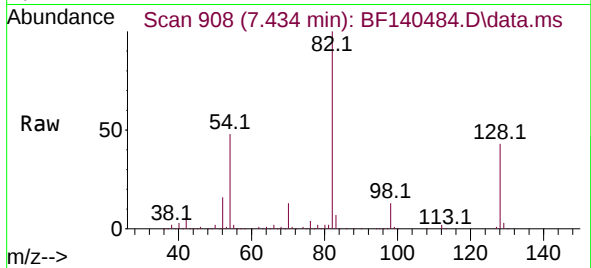




#25
Isophorone
Concen: 36.120 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140484.D
Acq: 19 Nov 2024 19:54

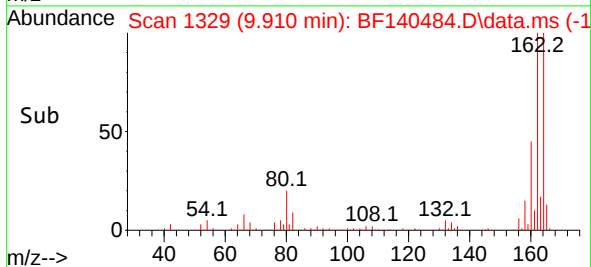
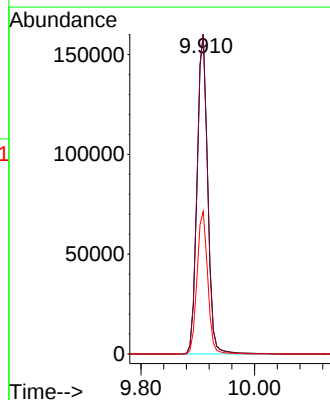
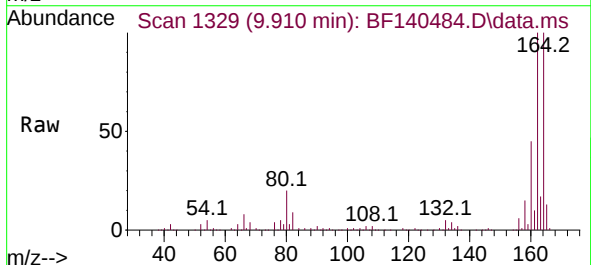
Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion: 82 Resp: 563888
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140484.D
Acq: 19 Nov 2024 19:54

Tgt Ion:164 Resp: 208804
Ion Ratio Lower Upper
164 100
162 100.2 79.8 119.8
160 44.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 85.830 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140484.D

Acq: 19 Nov 2024 19:54

Instrument :

BNA_F

ClientSampleId :

SP-1

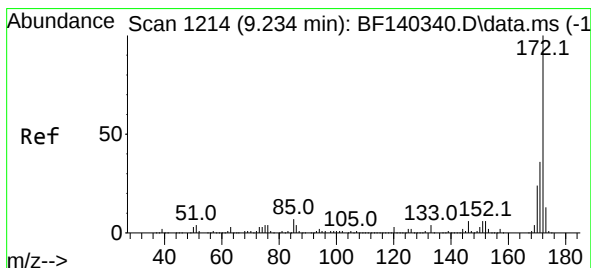
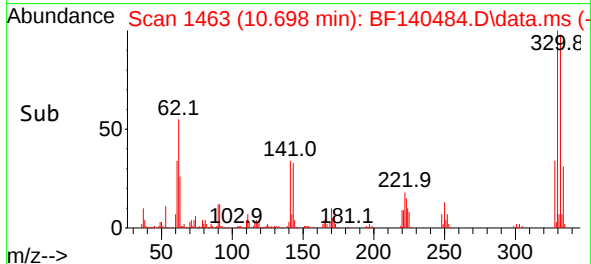
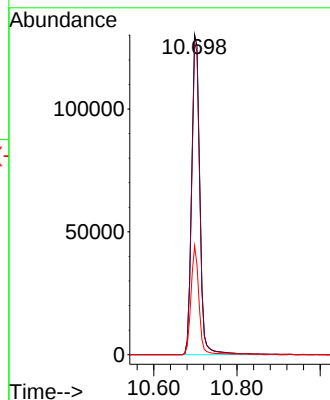
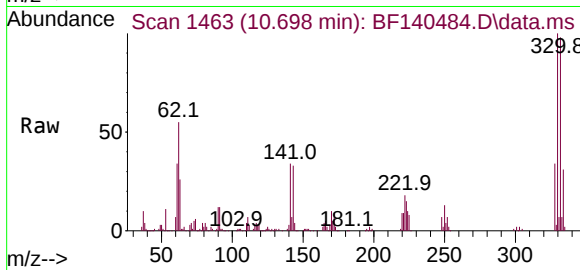
Tgt Ion:330 Resp: 178217

Ion Ratio Lower Upper

330 100

332 97.3 75.9 113.9

141 32.8 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 74.769 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140484.D

Acq: 19 Nov 2024 19:54

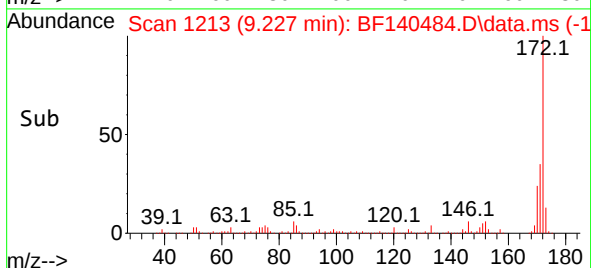
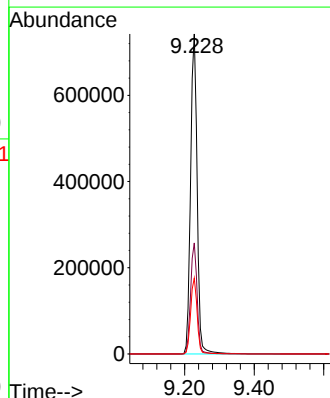
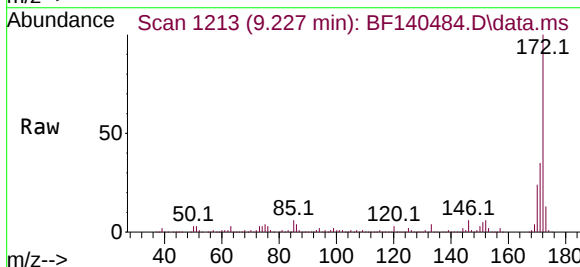
Tgt Ion:172 Resp: 971175

Ion Ratio Lower Upper

172 100

171 34.7 28.5 42.7

170 23.7 19.1 28.7

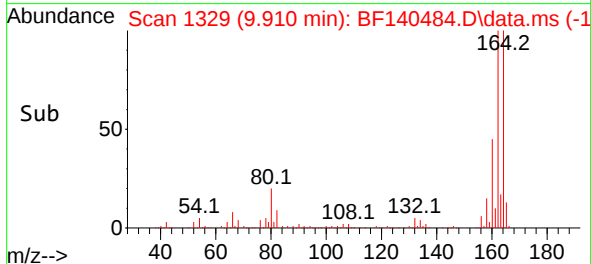
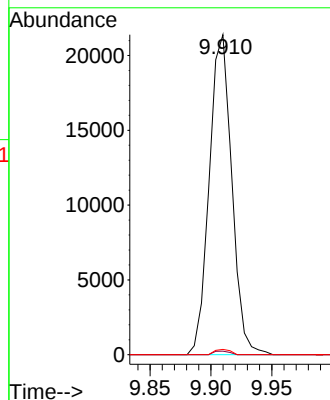
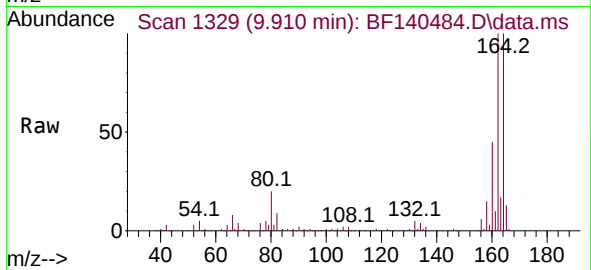




#51
2,6-Dinitrotoluene
Concen: 8.896 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140484.D
Acq: 19 Nov 2024 19:54

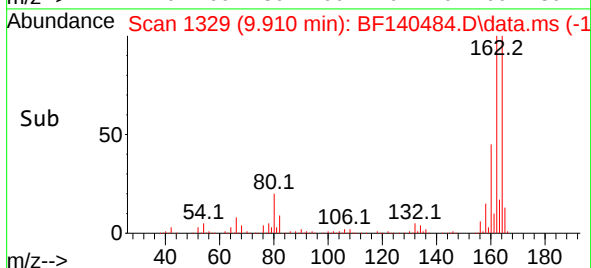
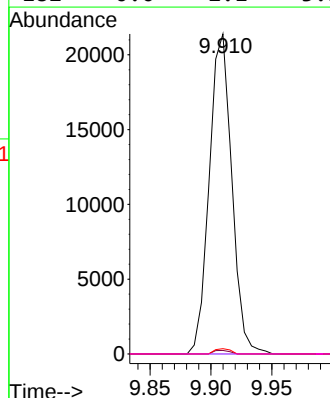
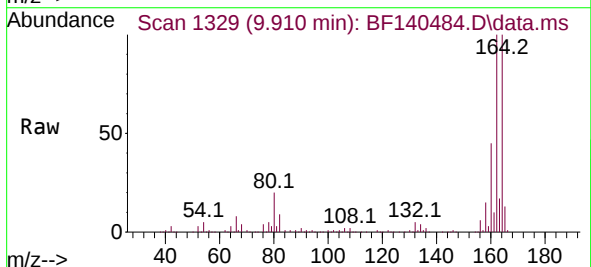
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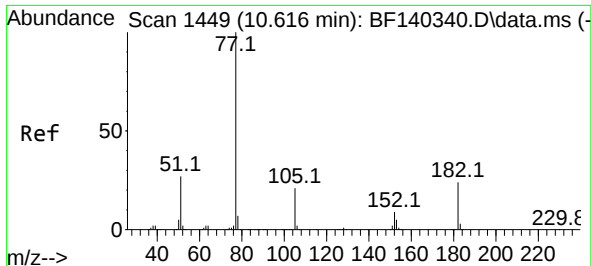
Tgt Ion:165 Resp: 27601
Ion Ratio Lower Upper
165 100
63 1.1 47.6 71.4#
89 1.7 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.759 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140484.D
Acq: 19 Nov 2024 19:54

Tgt Ion:165 Resp: 27601
Ion Ratio Lower Upper
165 100
63 1.1 39.4 59.0#
89 1.7 62.4 93.6#
182 0.0 2.1 3.1#

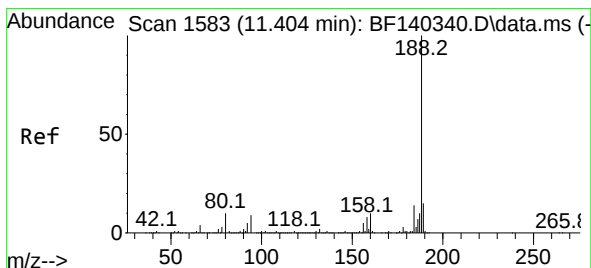
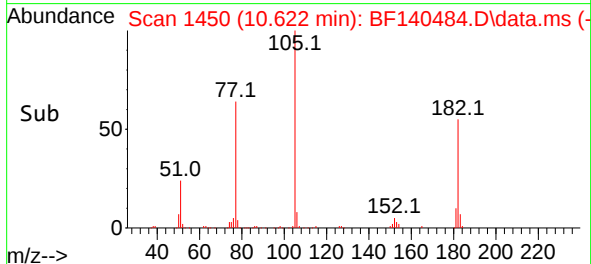
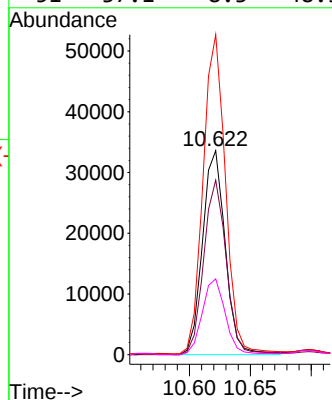
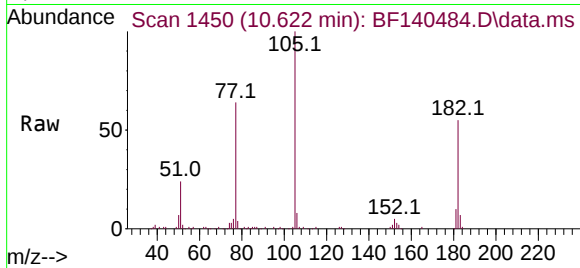




#63
Azobenzene
Concen: 3.188 ng
RT: 10.622 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF140484.D
Acq: 19 Nov 2024 19:54

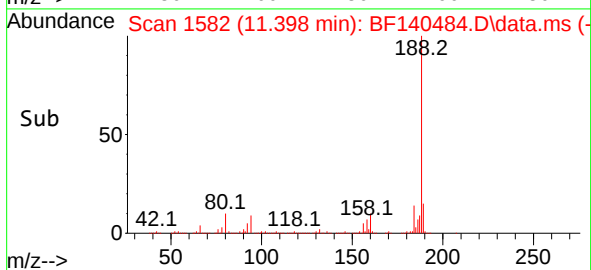
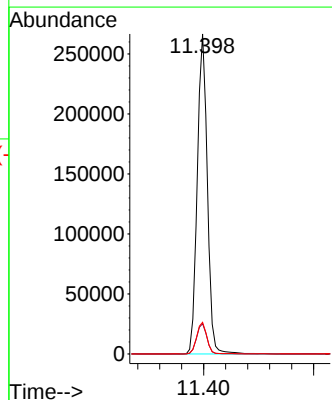
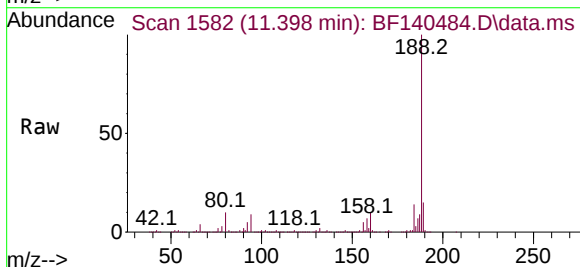
Instrument :
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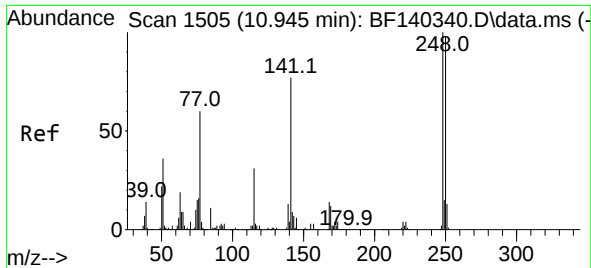
Tgt Ion: 77	Resp: 43833
Ion Ratio	Lower Upper
77 100	
182 85.6	4.6 44.6#
105 156.8	0.9 40.9#
51 37.1	8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140484.D
Acq: 19 Nov 2024 19:54

Tgt Ion: 188	Resp: 339102
Ion Ratio	Lower Upper
188 100	
94 9.4	7.6 11.4
80 9.9	8.0 12.0

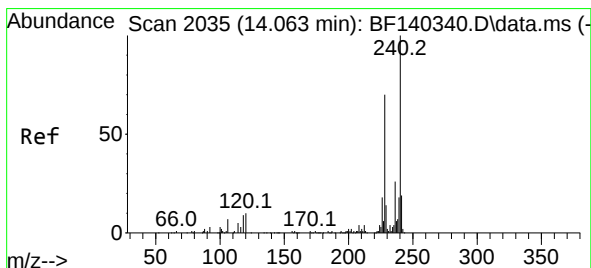
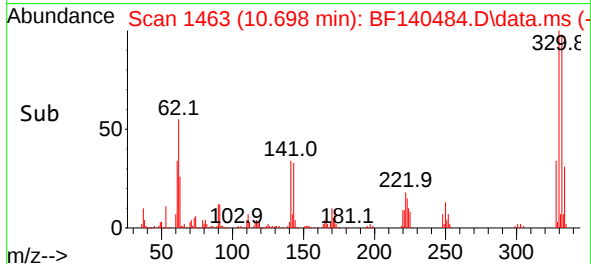
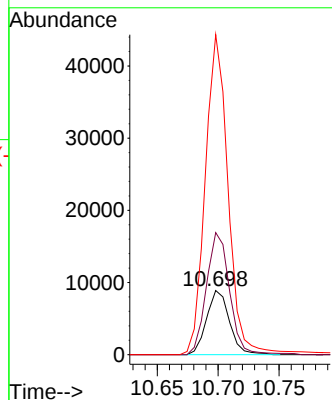
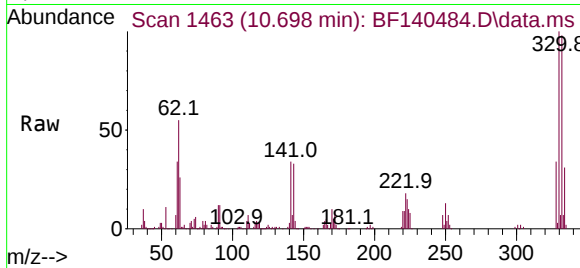




#67
4-Bromophenyl-phenylether
Concen: 3.425 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140484.D
Acq: 19 Nov 2024 19:54

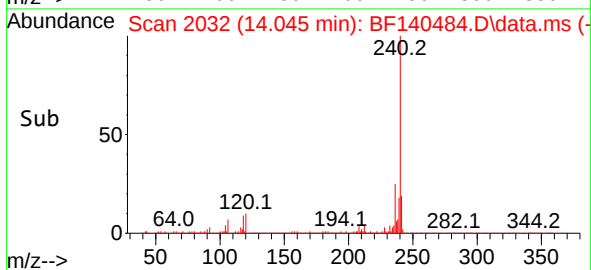
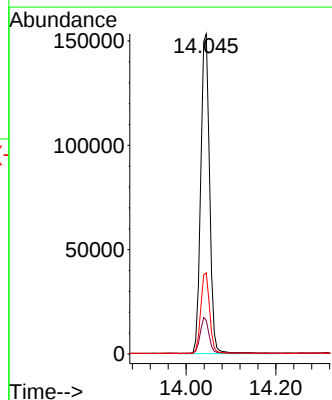
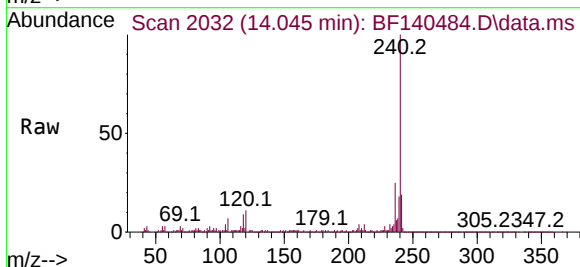
Instrument :
BNA_F
ClientSampleId :
SP-1

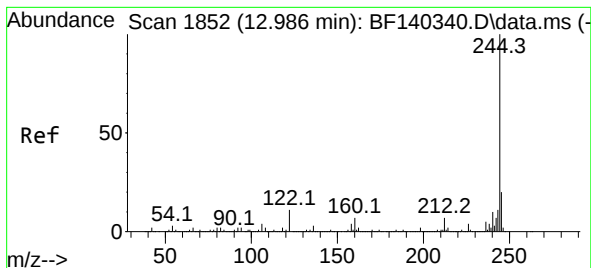
Tgt Ion:248 Resp: 11611
Ion Ratio Lower Upper
248 100
250 190.5 77.9 116.9#
141 499.1 61.8 92.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140484.D
Acq: 19 Nov 2024 19:54

Tgt Ion:240 Resp: 209256
Ion Ratio Lower Upper
240 100
120 10.5 8.8 13.2
236 25.4 20.9 31.3





#79

Terphenyl-d14

Concen: 67.868 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BF140484.D

Acq: 19 Nov 2024 19:54

Instrument :

BNA_F

ClientSampleId :

SP-1

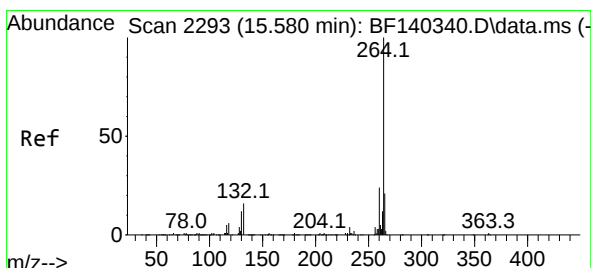
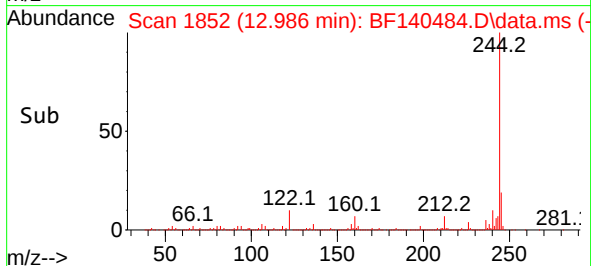
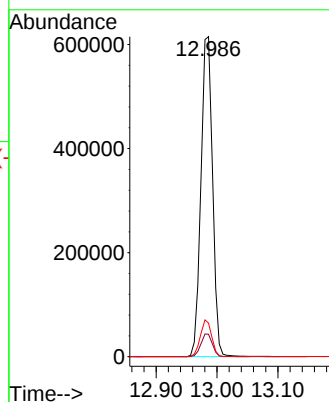
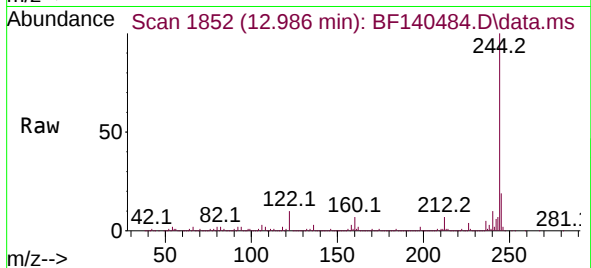
Tgt Ion:244 Resp: 818169

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 10.5 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. -0.030 min

Lab File: BF140484.D

Acq: 19 Nov 2024 19:54

Tgt Ion:264 Resp: 164972

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.2 17.1 25.7

