

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120424\
 Data File : BF140733.D
 Acq On : 04 Dec 2024 18:12
 Operator : RC/JU
 Sample : P5052-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-640-COMP-63

Quant Time: Dec 05 00:06:09 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

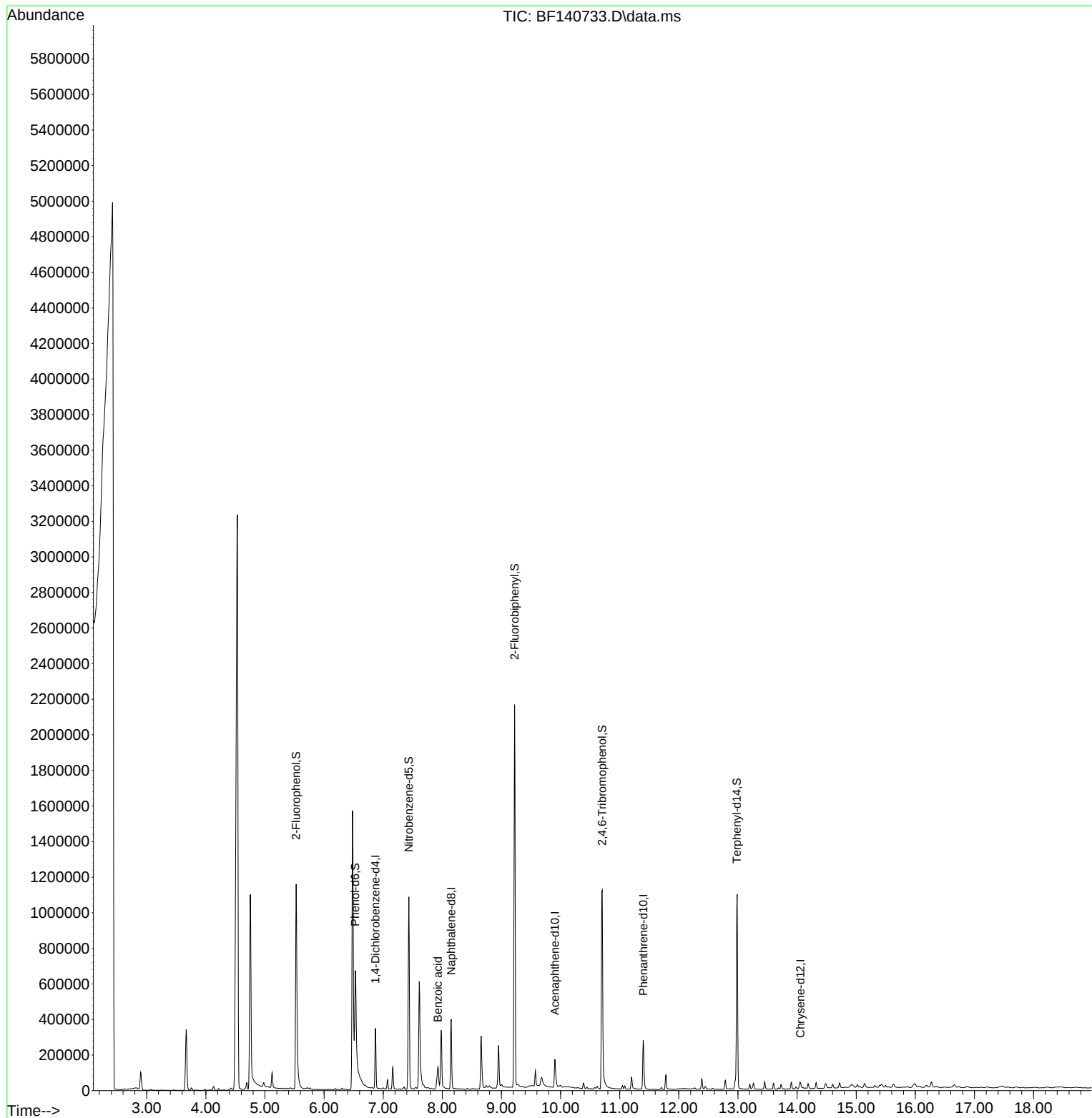
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	69361	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	233087	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	36372	20.000	ng	#-0.01
64) Phenanthrene-d10	11.398	188	112100	20.000	ng	0.00
76) Chrysene-d12	14.057	240	9450	20.000	ng	# 0.00
86) Perylene-d12	0.000	264	0	0.000	ng	-15.54
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	550133	135.327	ng	0.03
7) Phenol-d6	6.528	99	239087	44.487	ng	0.01
23) Nitrobenzene-d5	7.434	82	500026	109.729	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	235289	604.854	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	964031	394.906	ng	-0.01
79) Terphenyl-d14	12.980	244	356871	588.037	ng	-0.01
Target Compounds						
32) Benzoic acid	7.928	122	54365	28.461	ng	Qvalue 100

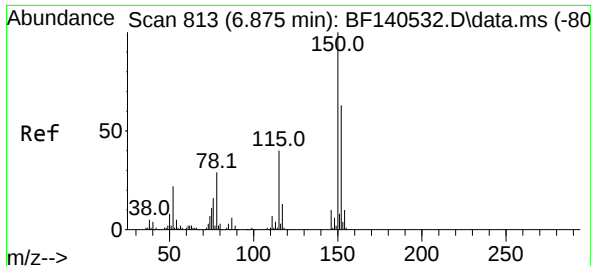
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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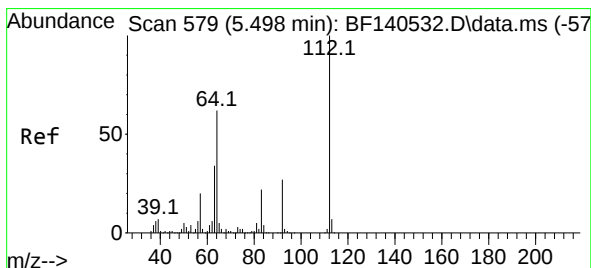
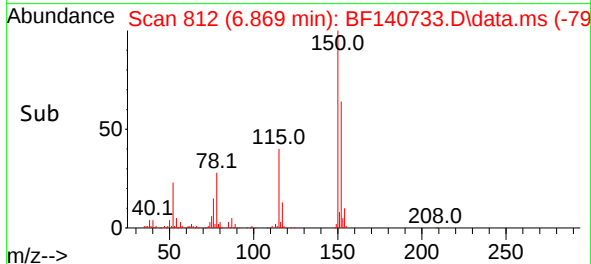
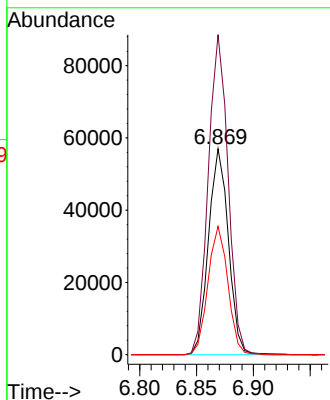
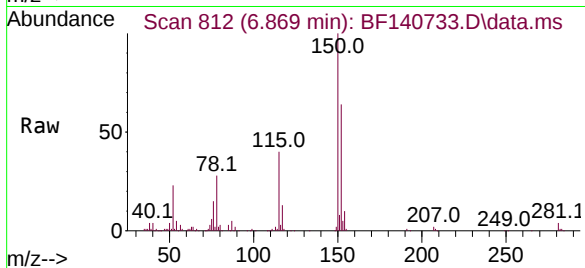




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140733.D
Acq: 04 Dec 2024 18:12

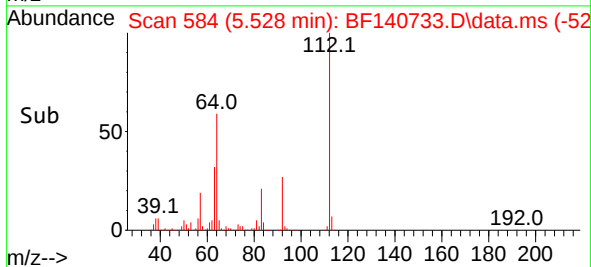
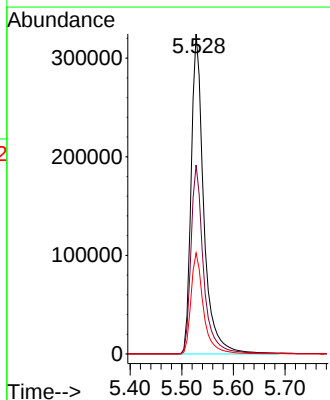
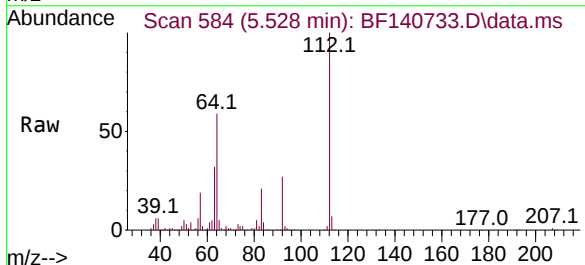
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63

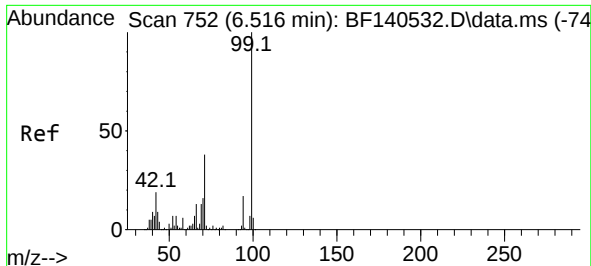
Tgt Ion:152 Resp: 69361
Ion Ratio Lower Upper
152 100
150 155.4 128.5 192.7
115 62.3 50.2 75.4



#5
2-Fluorophenol
Concen: 135.327 ng
RT: 5.528 min Scan# 584
Delta R.T. 0.029 min
Lab File: BF140733.D
Acq: 04 Dec 2024 18:12

Tgt Ion:112 Resp: 550133
Ion Ratio Lower Upper
112 100
64 59.1 49.2 73.8
63 31.6 27.0 40.4

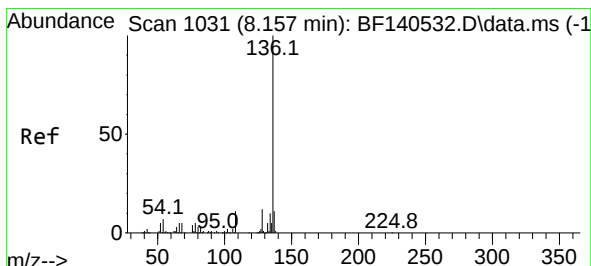
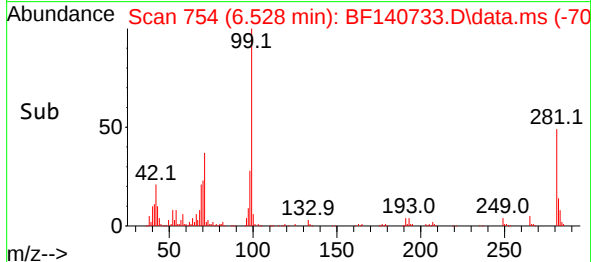
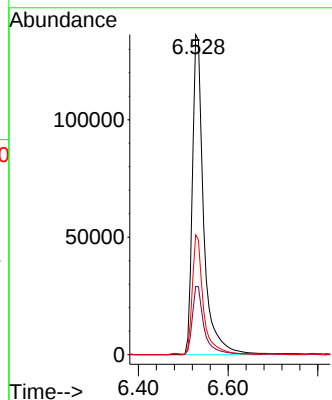
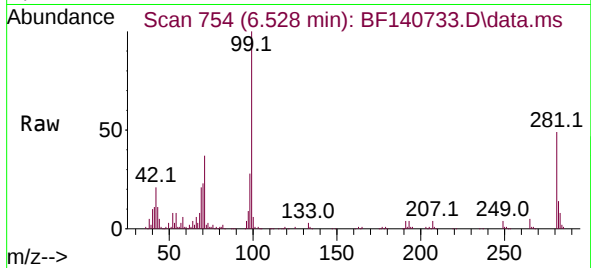




#7
Phenol-d6
Concen: 44.487 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140733.D
Acq: 04 Dec 2024 18:12

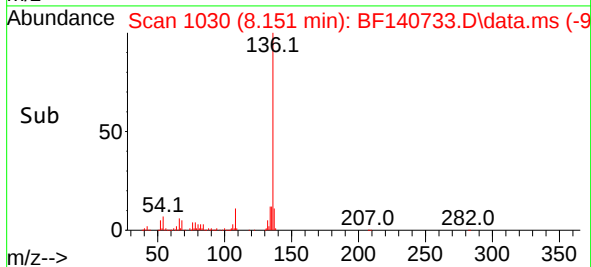
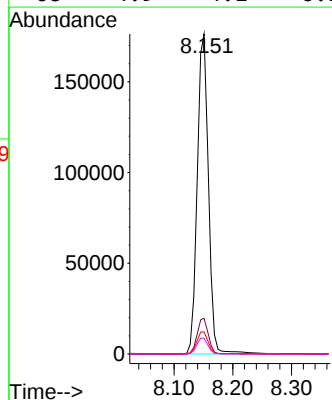
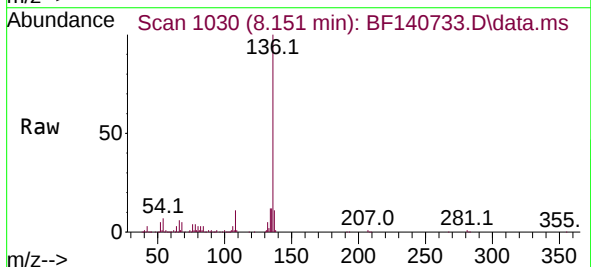
Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63

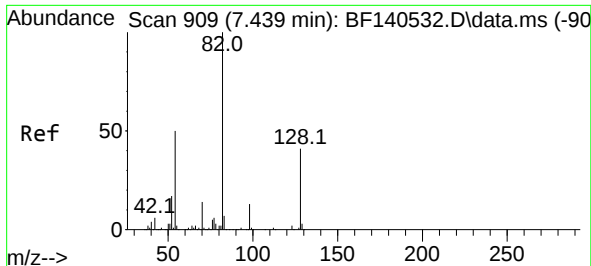
Tgt Ion: 99 Resp: 239087
Ion Ratio Lower Upper
99 100
42 21.4 15.4 23.0
71 37.5 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140733.D
Acq: 04 Dec 2024 18:12

Tgt Ion:136 Resp: 233087
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 6.9 5.8 8.8
68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 109.729 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140733.D

Acq: 04 Dec 2024 18:12

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63

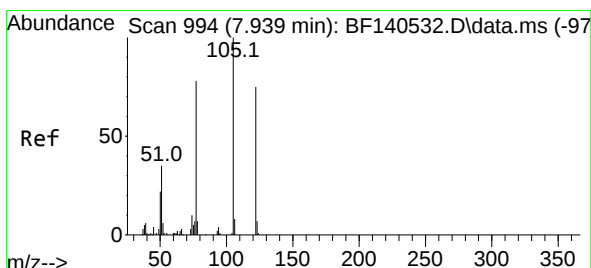
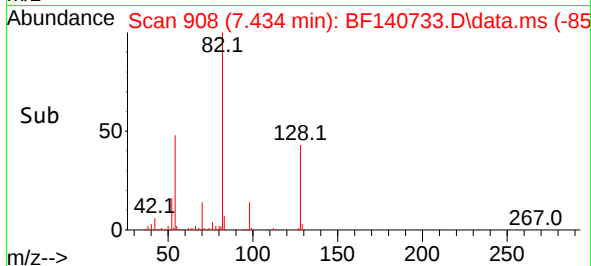
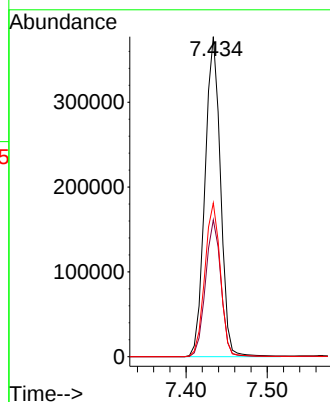
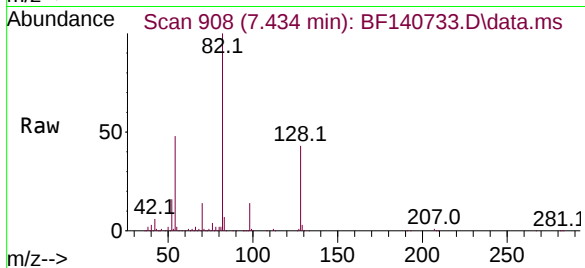
Tgt Ion: 82 Resp: 500026

Ion Ratio Lower Upper

82 100

128 42.8 33.0 49.4

54 48.1 39.5 59.3



#32

Benzoic acid

Concen: 28.461 ng

RT: 7.928 min Scan# 992

Delta R.T. -0.011 min

Lab File: BF140733.D

Acq: 04 Dec 2024 18:12

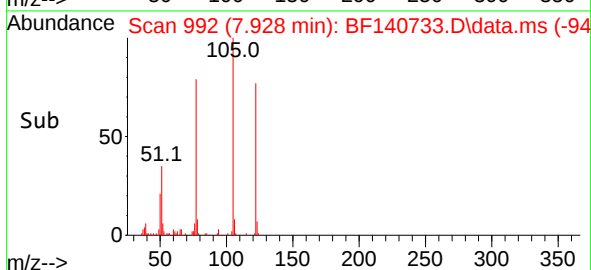
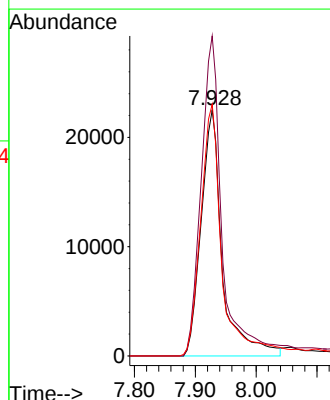
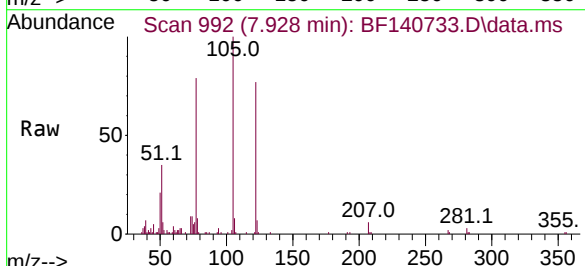
Tgt Ion:122 Resp: 54365

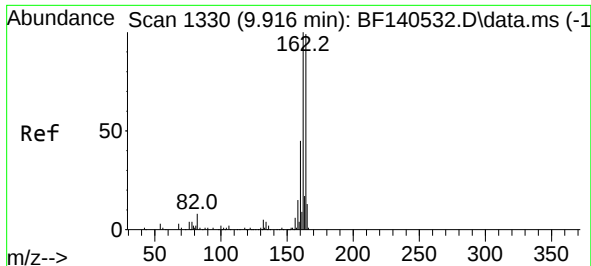
Ion Ratio Lower Upper

122 100

105 130.1 109.3 149.3

77 102.3 82.3 122.3

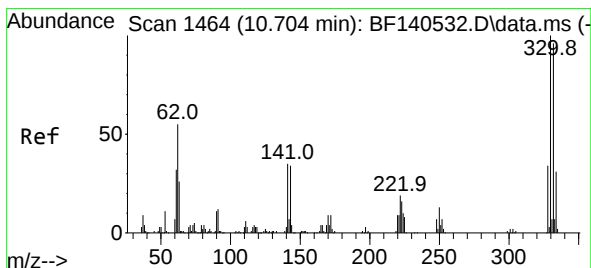
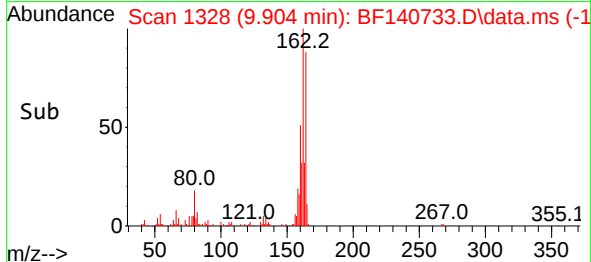
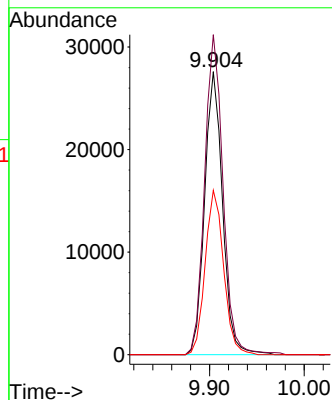
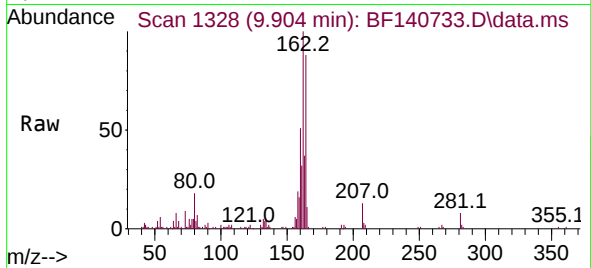




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140733.D
Acq: 04 Dec 2024 18:12

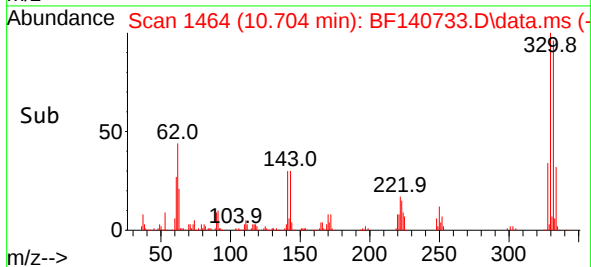
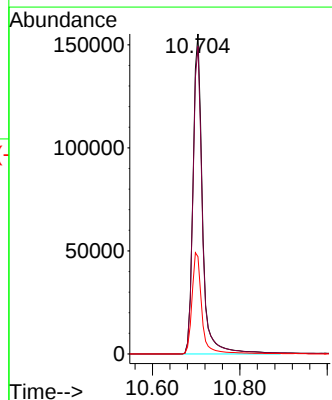
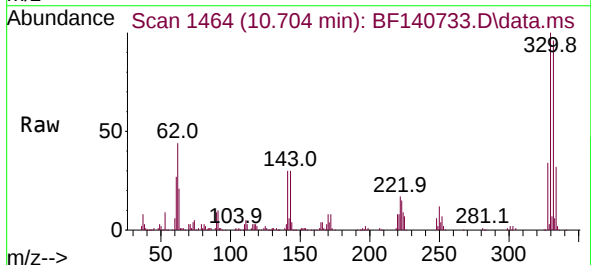
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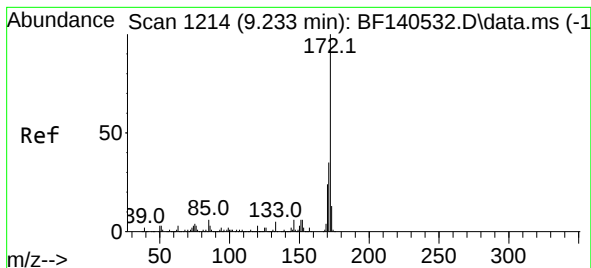
Tgt Ion:164 Resp: 36372
Ion Ratio Lower Upper
164 100
162 113.0 80.6 120.8
160 58.0 36.2 54.4#



#42
2,4,6-Tribromophenol
Concen: 604.854 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140733.D
Acq: 04 Dec 2024 18:12

Tgt Ion:330 Resp: 235289
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 33.0 26.7 40.1





#45

2-Fluorobiphenyl

Concen: 394.906 ng

RT: 9.222 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140733.D

Acq: 04 Dec 2024 18:12

Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63

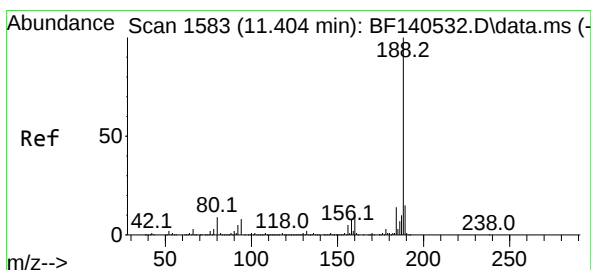
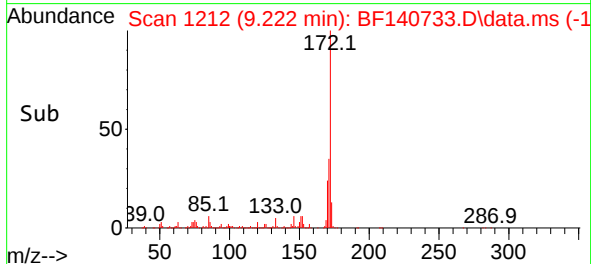
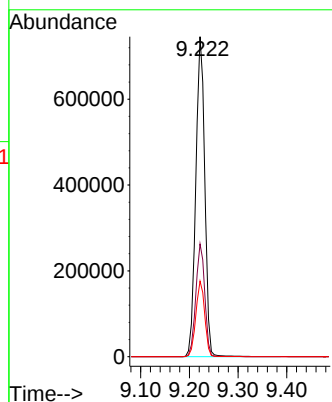
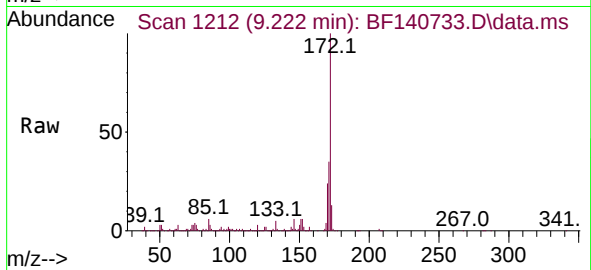
Tgt Ion:172 Resp: 964031

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.6 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140733.D

Acq: 04 Dec 2024 18:12

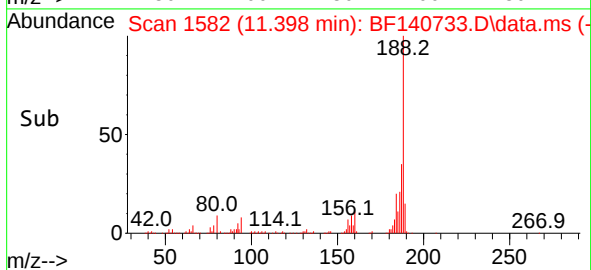
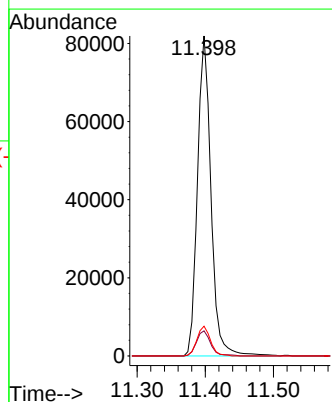
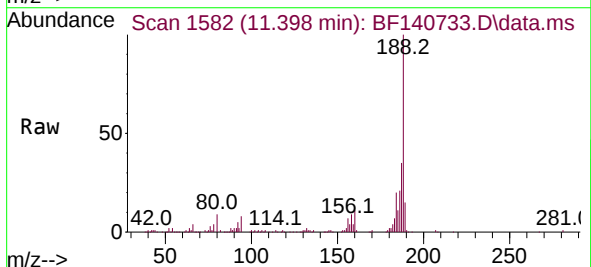
Tgt Ion:188 Resp: 112100

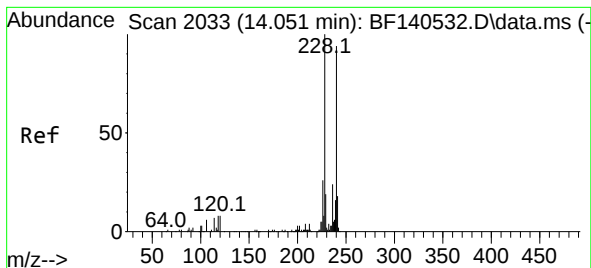
Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 9.3 6.9 10.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF140733.D

Acq: 04 Dec 2024 18:12

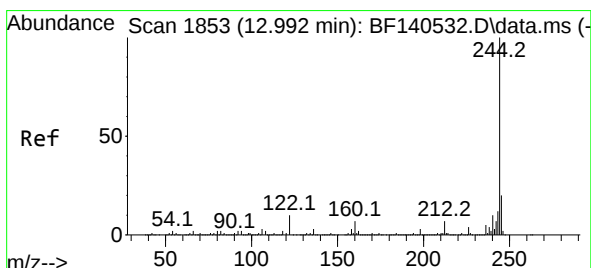
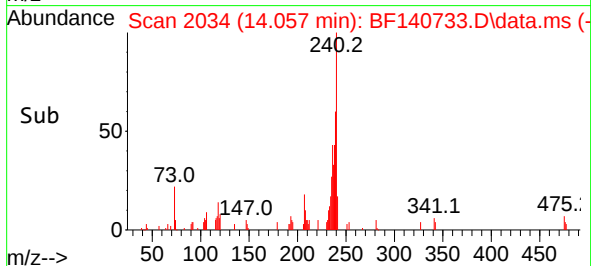
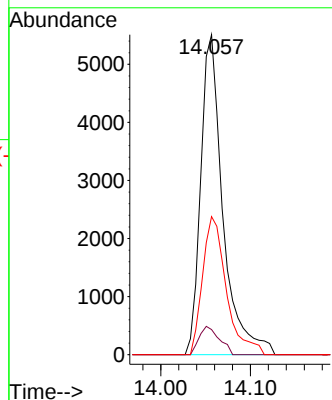
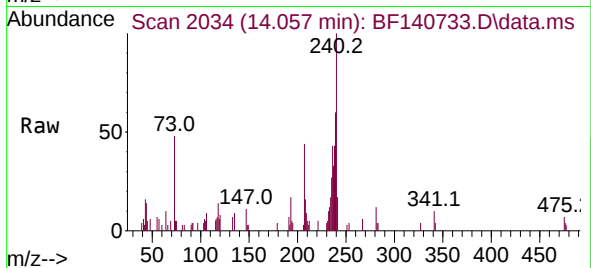
Instrument :

BNA_F

ClientSampleId :

OR-640-COMP-63

Tgt Ion:	240	Resp:	9450
Ion Ratio	Lower	Upper	
240	100		
120	7.9	7.3	10.9
236	43.1	20.6	31.0



#79

Terphenyl-d14

Concen: 588.037 ng

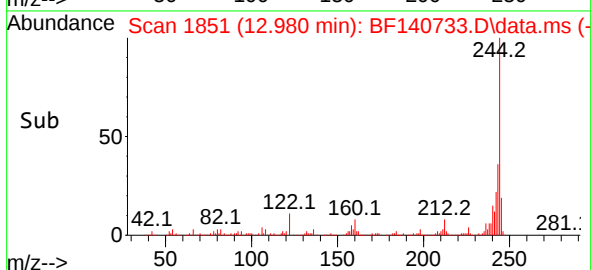
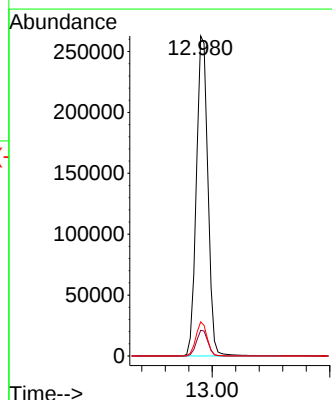
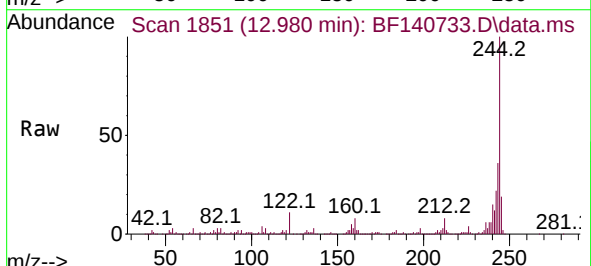
RT: 12.980 min Scan# 1851

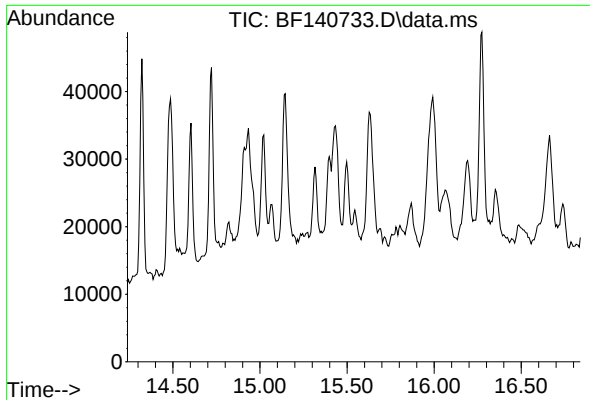
Delta R.T. -0.012 min

Lab File: BF140733.D

Acq: 04 Dec 2024 18:12

Tgt Ion:	244	Resp:	356871
Ion Ratio	Lower	Upper	
244	100		
212	8.0	5.8	8.8
122	10.7	8.0	12.0





#86
Perylene-d12
Concen: 0.000 ng
Expected RT: 15.54 min
Lab File: BF140733.D
Acq: 04 Dec 2024 18:12

Instrument :
BNA_F
ClientSampleId :
OR-640-COMP-63

Tgt Ion: 264
Sig Exp Ratio
264 100
260 23.8
265 20.8

