

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140549.D
 Acq On : 21 Nov 2024 21:25
 Operator : RC/JU
 Sample : P4921-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-11-A-202411

Quant Time: Nov 22 00:11:26 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)

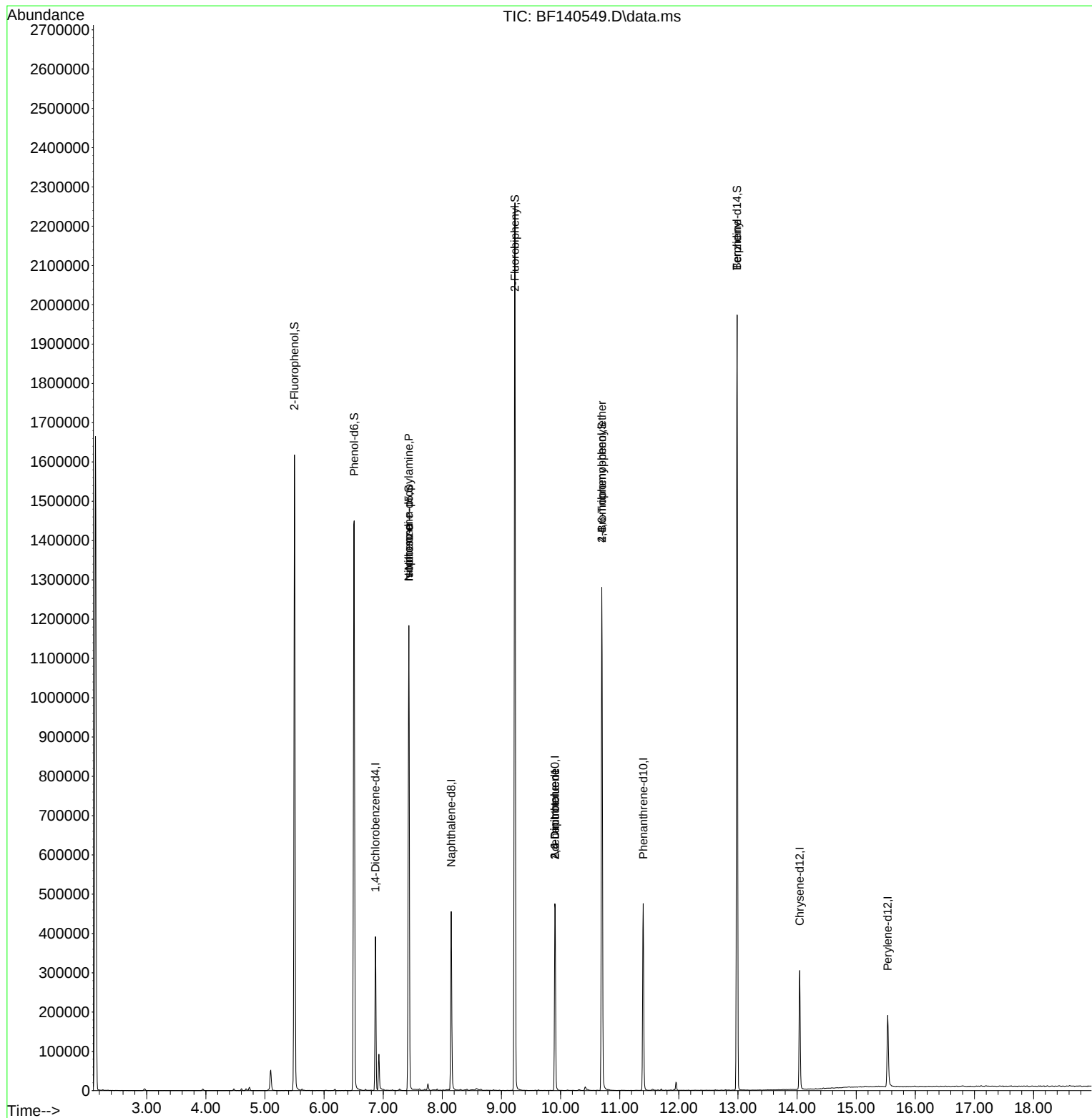
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	79300	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	290595	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	151253	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	263635	20.000	ng	0.00
76) Chrysene-d12	14.045	240	156535	20.000	ng	0.00
86) Perylene-d12	15.533	264	121189	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	596078	128.251	ng	0.00
7) Phenol-d6	6.510	99	716498	116.610	ng	0.00
23) Nitrobenzene-d5	7.434	82	555396	97.760	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	220111	136.067	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	999620	98.469	ng	0.00
79) Terphenyl-d14	12.986	244	976370	97.124	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	76340	21.023	ng	# 76
25) Isophorone	7.434	82	550378	58.083	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	19096	8.453	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	19096	6.360	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	13619	5.016	ng	# 1
77) Benzidine	12.986	184	14507	3.188	ng	# 93

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

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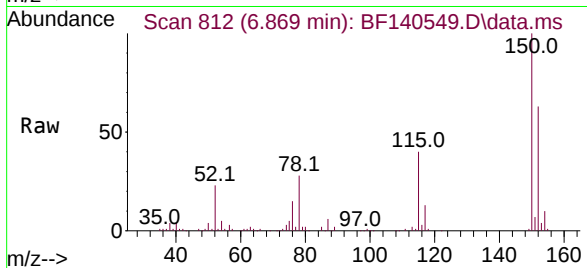
Quant Time: Nov 22 00:11:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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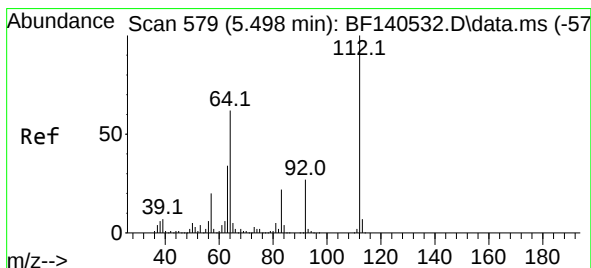
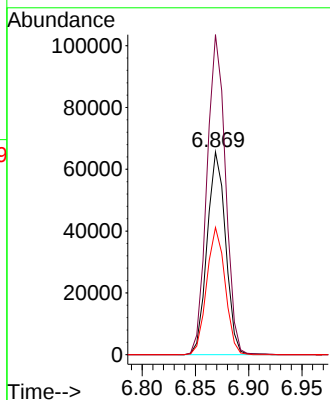
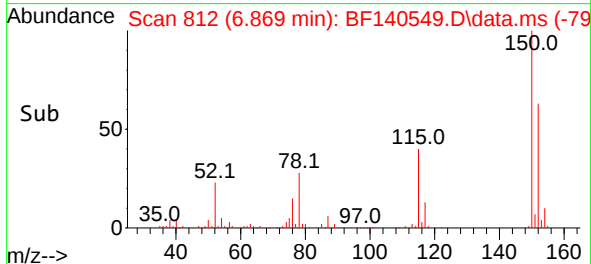


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140549.D
Acq: 21 Nov 2024 21:25

Instrument :
BNA_F
ClientSampleId :
WC-11-A-202411

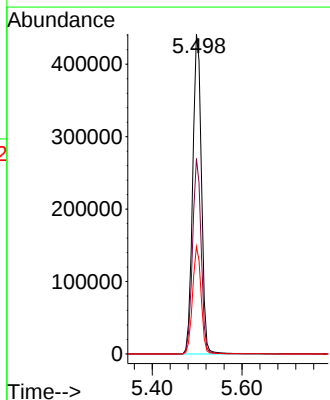
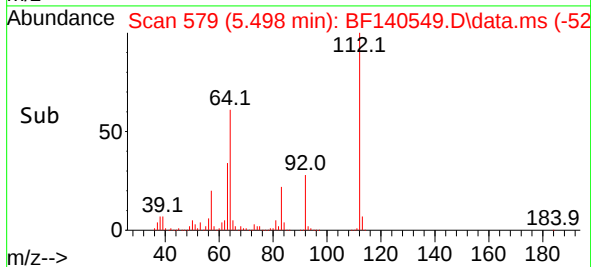
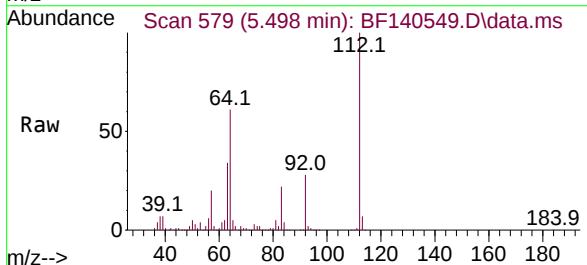


Tgt Ion:152 Resp: 79300
Ion Ratio Lower Upper
152 100
150 157.9 128.5 192.7
115 62.8 50.2 75.4



#5
2-Fluorophenol
Concen: 128.251 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140549.D
Acq: 21 Nov 2024 21:25

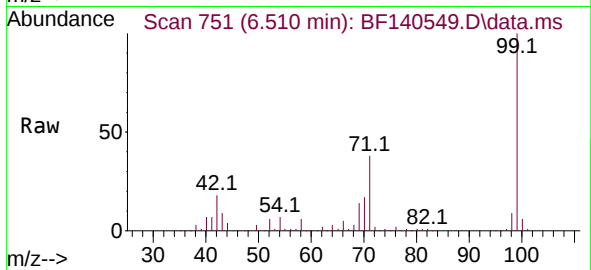
Tgt Ion:112 Resp: 596078
Ion Ratio Lower Upper
112 100
64 61.0 49.2 73.8
63 33.5 27.0 40.4





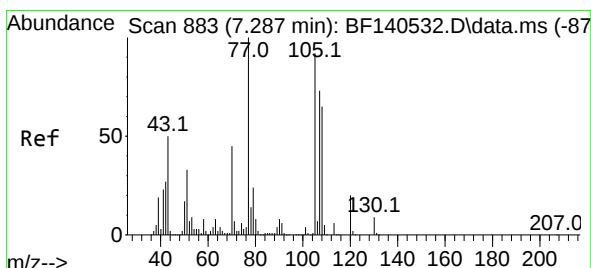
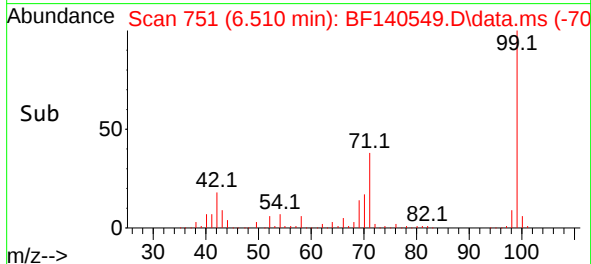
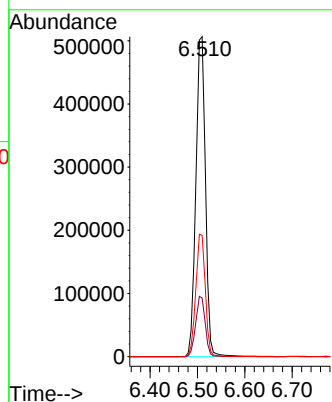
#7
Phenol-d6
Concen: 116.610 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140549.D
Acq: 21 Nov 2024 21:25

Instrument :
BNA_F
ClientSampleId :
WC-11-A-202411



Tgt Ion: 99 Resp: 716498

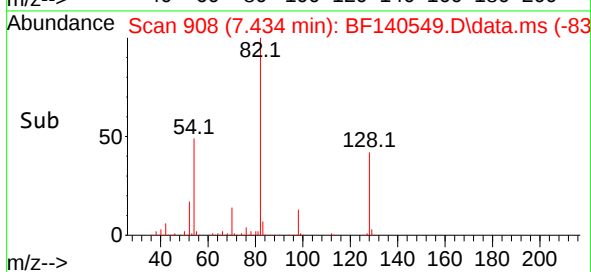
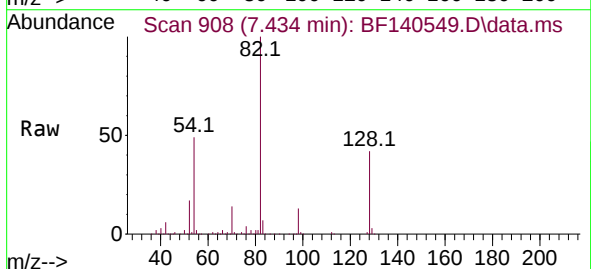
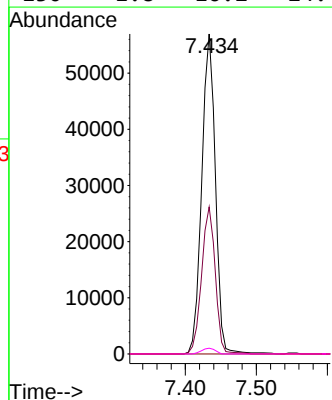
Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.4	23.0
71	38.0	30.6	46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.023 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140549.D
Acq: 21 Nov 2024 21:25

Tgt Ion: 70 Resp: 76340

Ion	Ratio	Lower	Upper
70	100		
42	46.0	47.6	71.4#
101	0.0	7.6	11.4#
130	1.8	16.2	24.4#



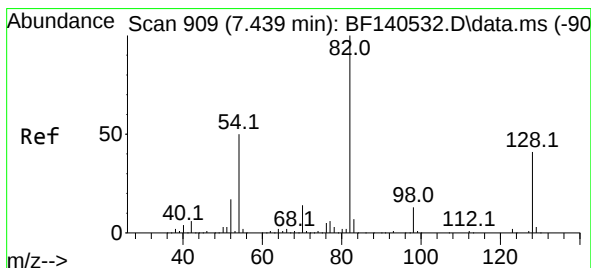
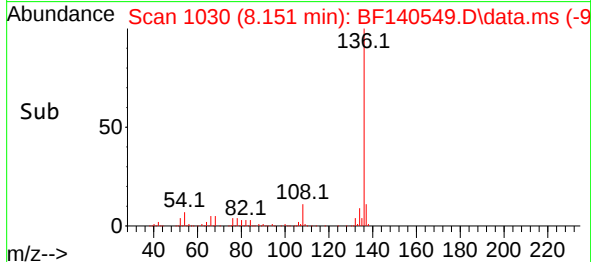
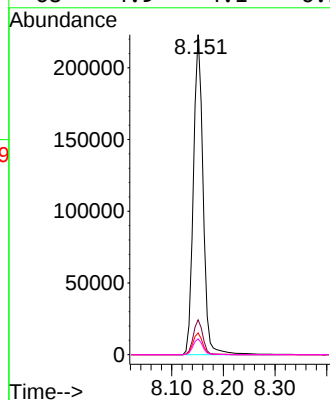
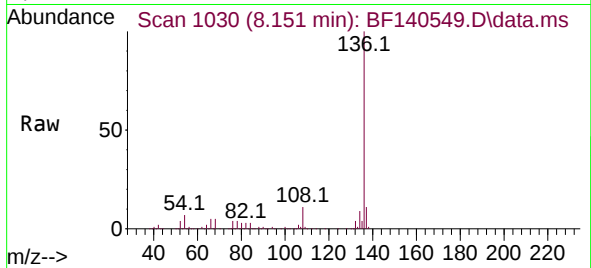


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140549.D
Acq: 21 Nov 2024 21:25

Instrument :
BNA_F
ClientSampleId :
WC-11-A-202411

Tgt Ion:136 Resp: 290595

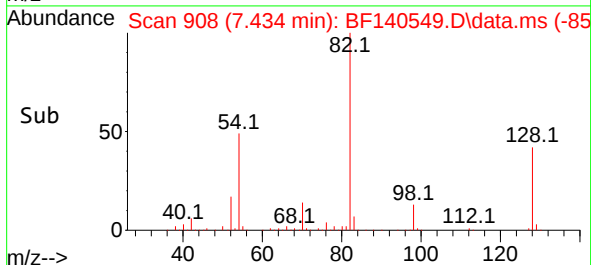
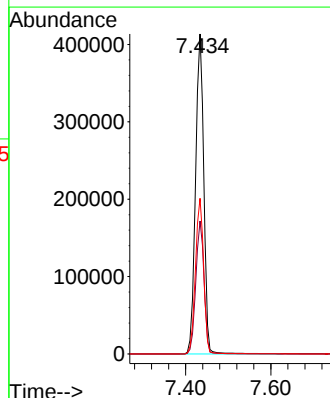
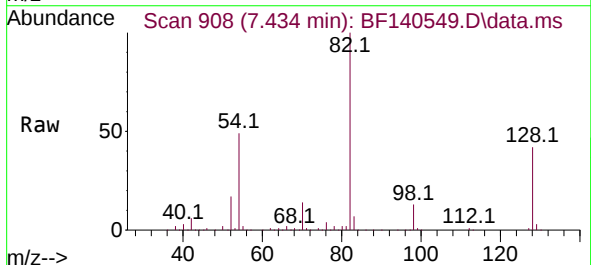
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.8	5.8	8.8
68	4.9	4.1	6.1



#23
Nitrobenzene-d5
Concen: 97.760 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140549.D
Acq: 21 Nov 2024 21:25

Tgt Ion: 82 Resp: 555396

Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.0	49.4
54	48.7	39.5	59.3

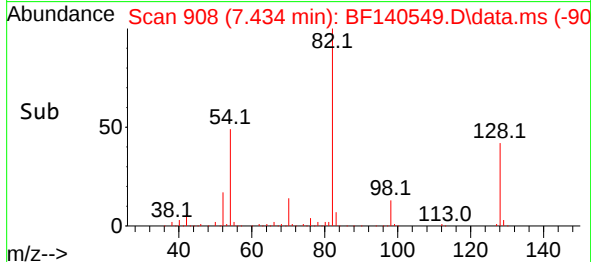
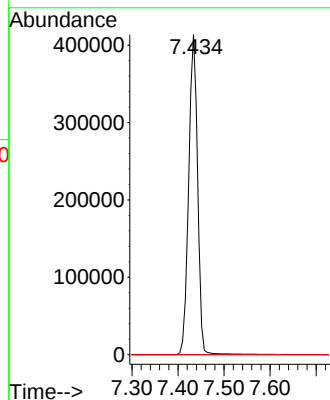
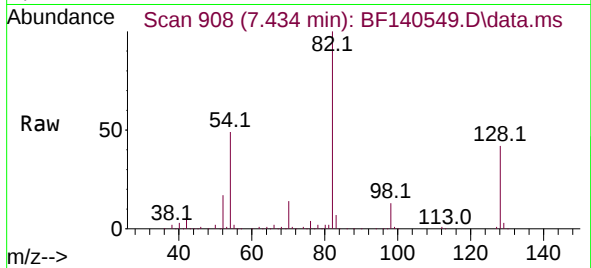




#25
Isophorone
Concen: 58.083 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140549.D
Acq: 21 Nov 2024 21:25

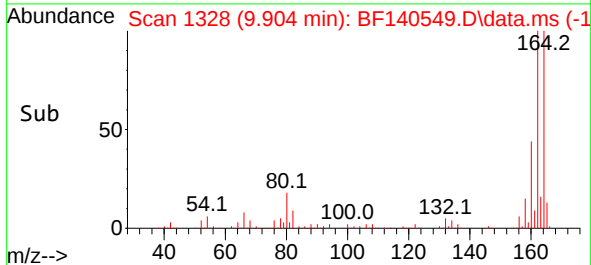
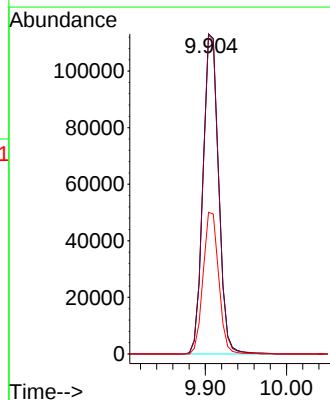
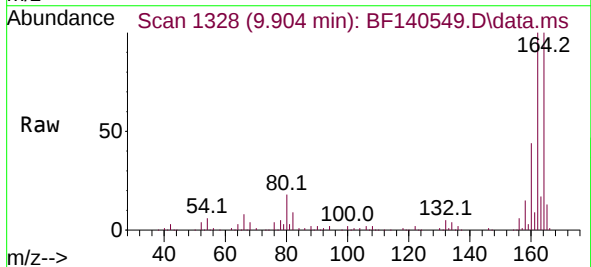
Instrument :
BNA_F
ClientSampleId :
WC-11-A-202411

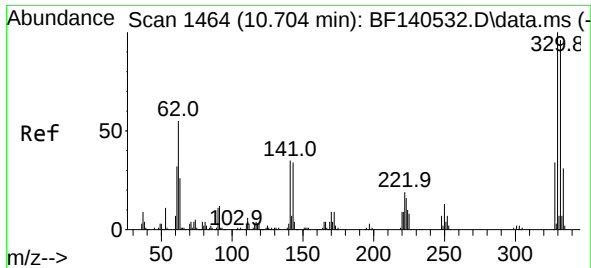
Tgt Ion: 82 Resp: 550378
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140549.D
Acq: 21 Nov 2024 21:25

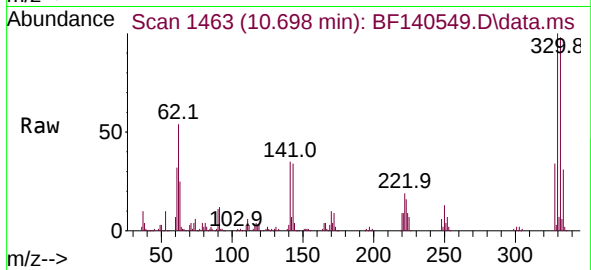
Tgt Ion: 164 Resp: 151253
Ion Ratio Lower Upper
164 100
162 99.7 80.6 120.8
160 44.3 36.2 54.4



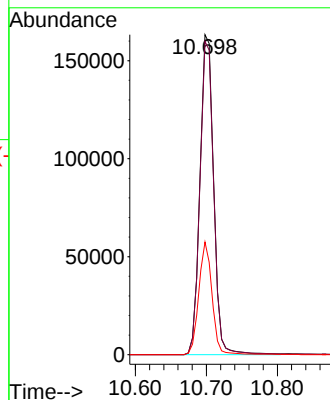
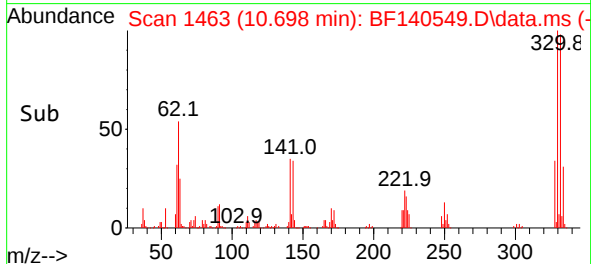


#42
2,4,6-Tribromophenol
Concen: 136.067 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140549.D
Acq: 21 Nov 2024 21:25

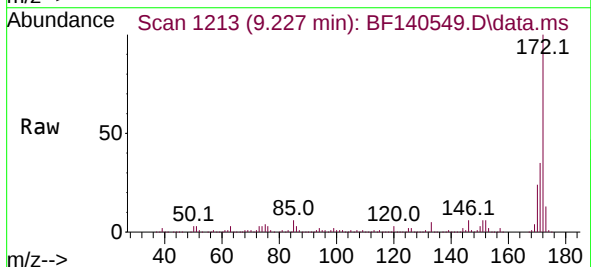
Instrument :
BNA_F
ClientSampleId :
WC-11-A-202411



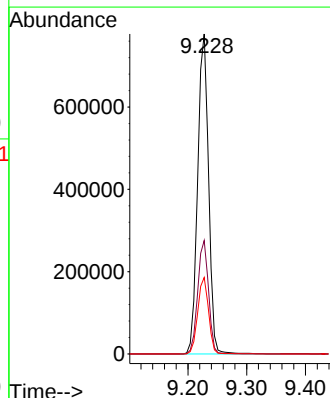
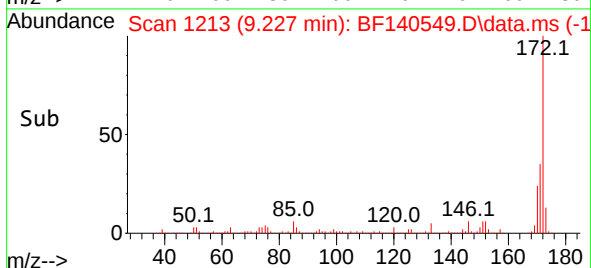
Tgt Ion:330 Resp: 220111
Ion Ratio Lower Upper
330 100
332 98.1 76.9 115.3
141 34.1 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 98.469 ng
RT: 9.227 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140549.D
Acq: 21 Nov 2024 21:25



Tgt Ion:172 Resp: 999620
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.9 19.0 28.6

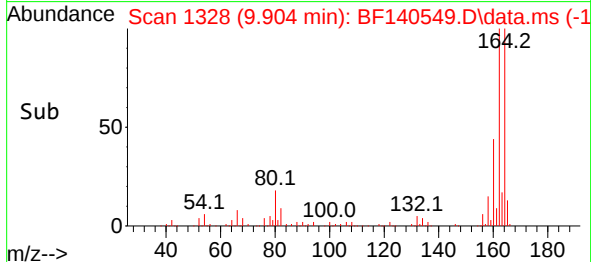
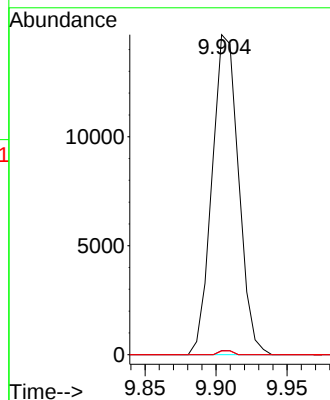
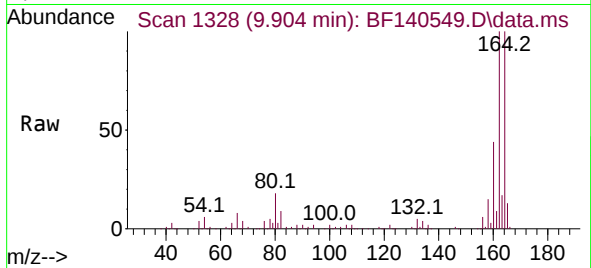




#51
2,6-Dinitrotoluene
Concen: 8.453 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140549.D
Acq: 21 Nov 2024 21:25

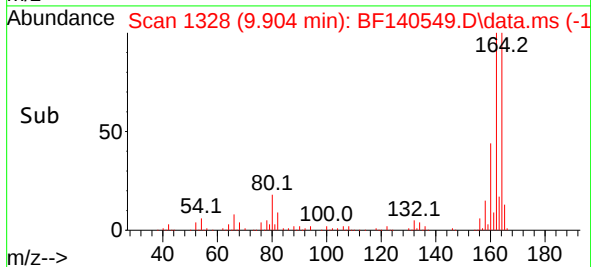
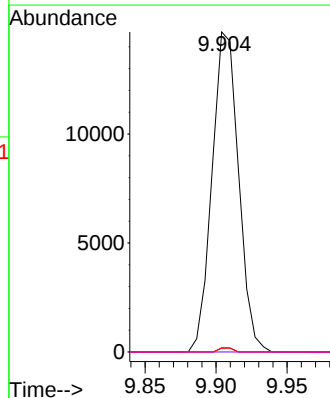
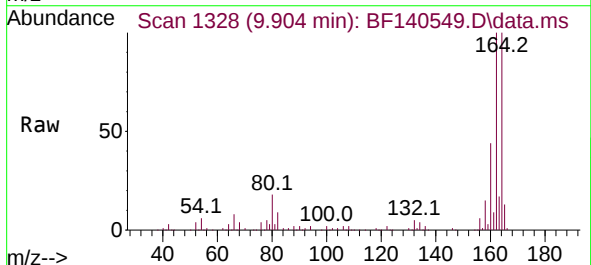
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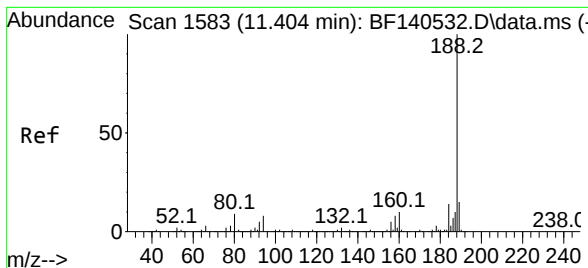
Tgt Ion:165 Resp: 19096
Ion Ratio Lower Upper
165 100
63 1.3 49.9 74.9#
89 1.2 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.360 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140549.D
Acq: 21 Nov 2024 21:25

Tgt Ion:165 Resp: 19096
Ion Ratio Lower Upper
165 100
63 1.3 41.7 62.5#
89 1.2 65.8 98.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140549.D

Acq: 21 Nov 2024 21:25

Instrument :

BNA_F

ClientSampleId :

WC-11-A-202411

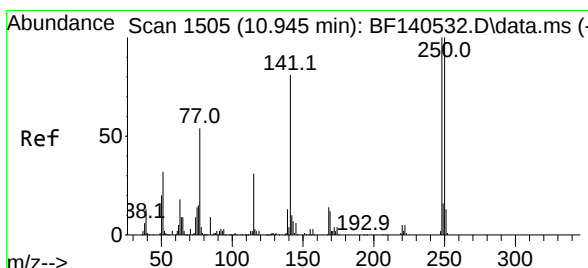
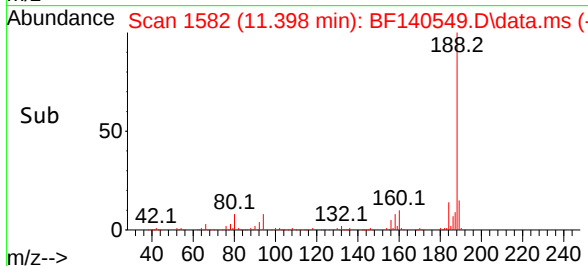
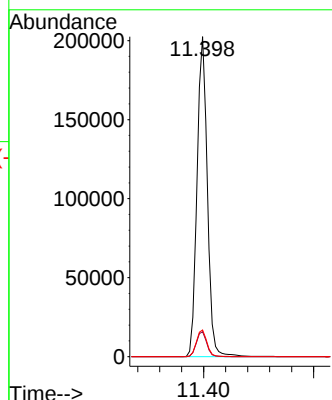
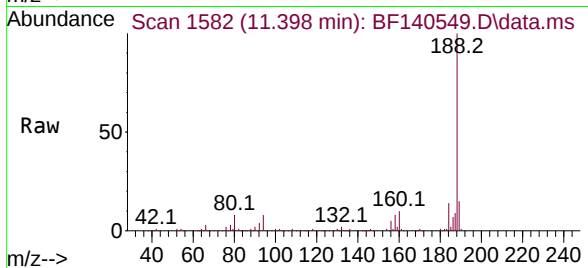
Tgt Ion:188 Resp: 263635

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 8.4 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 5.016 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140549.D

Acq: 21 Nov 2024 21:25

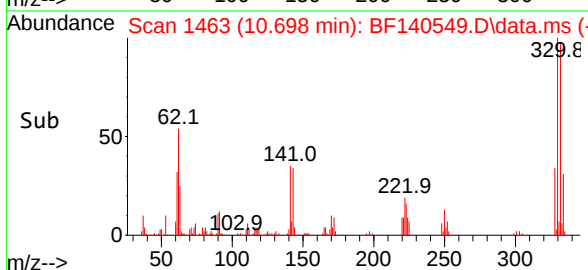
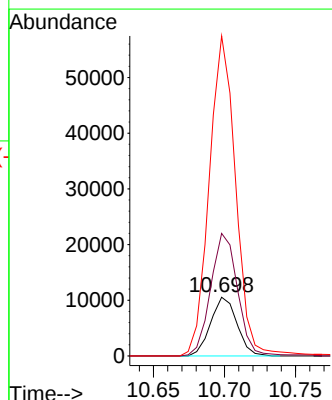
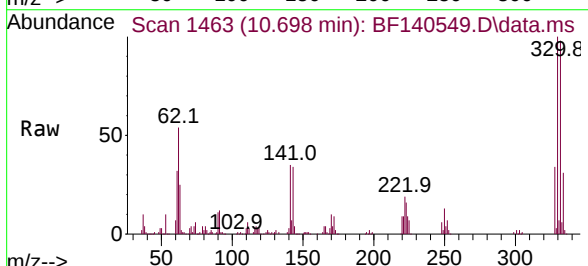
Tgt Ion:248 Resp: 13619

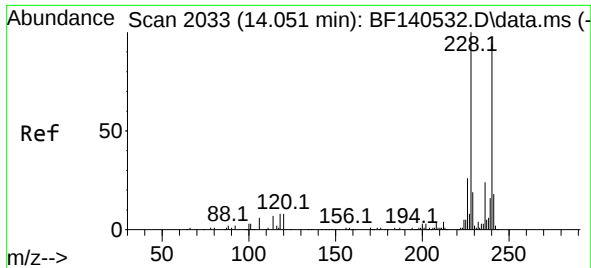
Ion Ratio Lower Upper

248 100

250 208.5 79.8 119.8#

141 544.2 64.7 97.1#

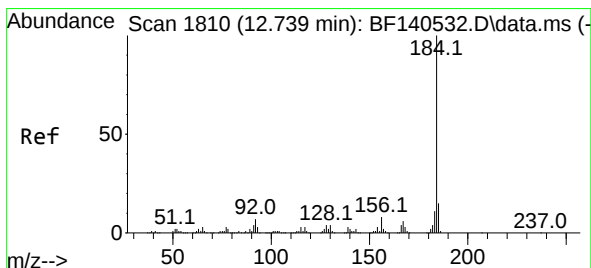
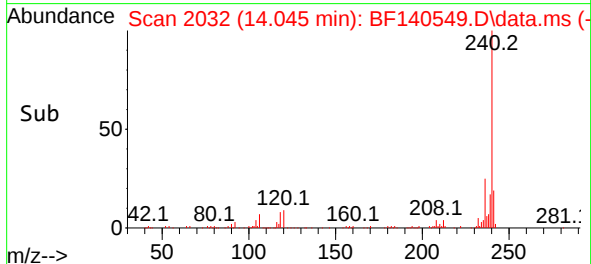
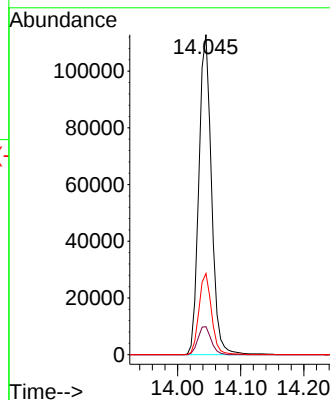
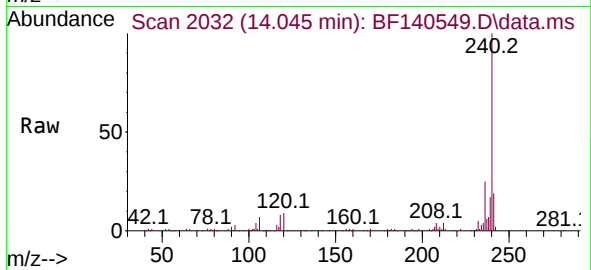




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF140549.D
Acq: 21 Nov 2024 21:25

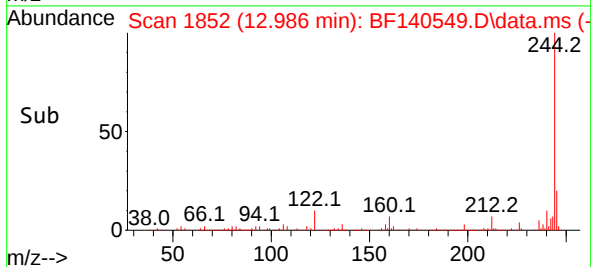
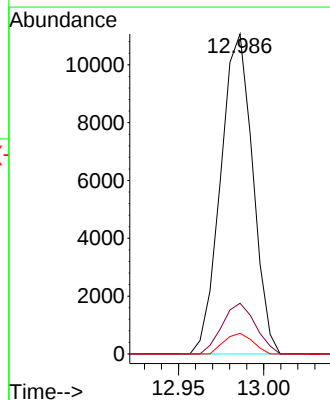
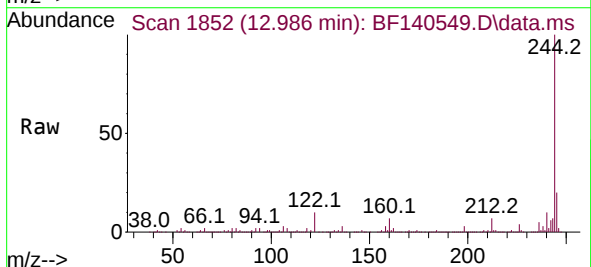
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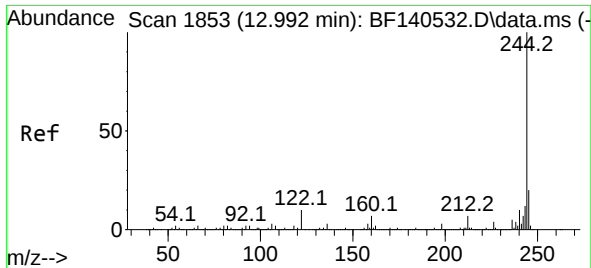
Tgt Ion:240 Resp: 156535
Ion Ratio Lower Upper
240 100
120 8.8 7.3 10.9
236 25.3 20.6 31.0



#77
Benzidine
Concen: 3.188 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF140549.D
Acq: 21 Nov 2024 21:25

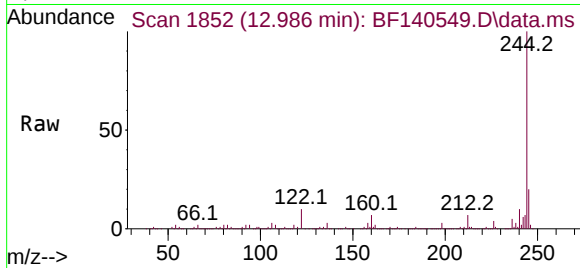
Tgt Ion:184 Resp: 14507
Ion Ratio Lower Upper
184 100
185 15.9 11.7 17.5
183 6.5 8.8 13.2#



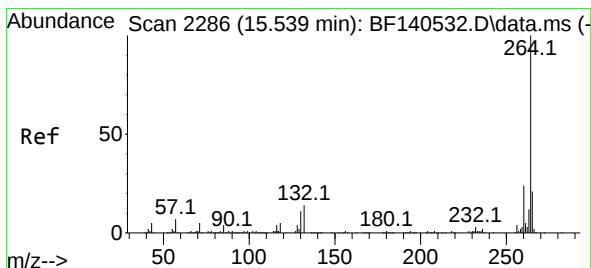
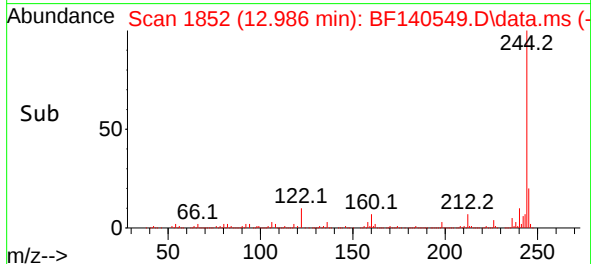
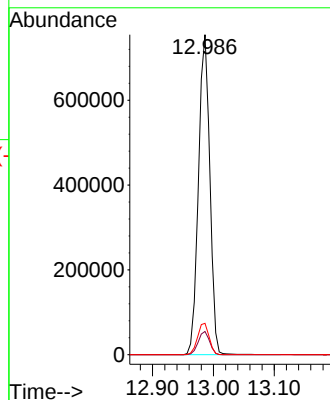


#79
 Terphenyl-d14
 Concen: 97.124 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140549.D
 Acq: 21 Nov 2024 21:25

Instrument :
 BNA_F
 ClientSampleId :
 WC-11-A-202411



Tgt Ion:244 Resp: 976370
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 9.8 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: BF140549.D
 Acq: 21 Nov 2024 21:25

Tgt Ion:264 Resp: 121189
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.5 16.6 25.0

