

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142387.D
 Acq On : 15 May 2025 11:49
 Operator : RC/JU
 Sample : Q1985-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RW8-BW-20250507

Quant Time: May 15 12:18:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

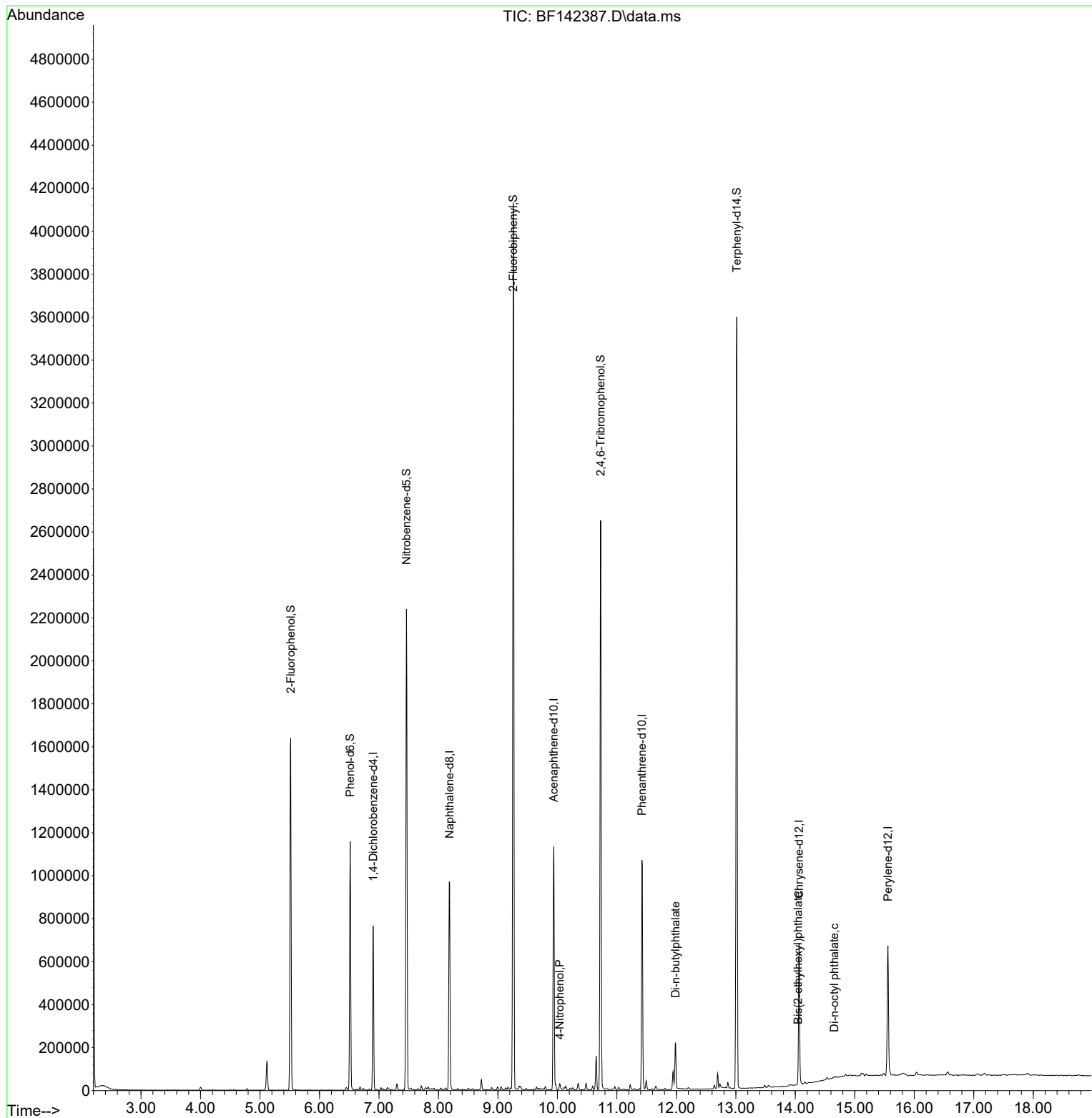
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	167801	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	639031	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	343772	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	569708	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	315375	20.000	ng	0.00
86) Perylene-d12	15.557	264	358092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	639081	65.015	ng	0.00
7) Phenol-d6	6.516	99	502983	41.604	ng	0.00
23) Nitrobenzene-d5	7.463	82	981641	93.685	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	500783	150.881	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1900582	78.831	ng	0.00
79) Terphenyl-d14	13.016	244	1852419	86.937	ng	0.00
Target Compounds						
						Qvalue
56) 4-Nitrophenol	10.039	139	7869	2.158	ng	92
74) Di-n-butylphthalate	11.986	149	154393	5.334	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	4538	4.625	ng	# 93
85) Di-n-octyl phthalate	14.657	149	5214	8.067	ng	# 77

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

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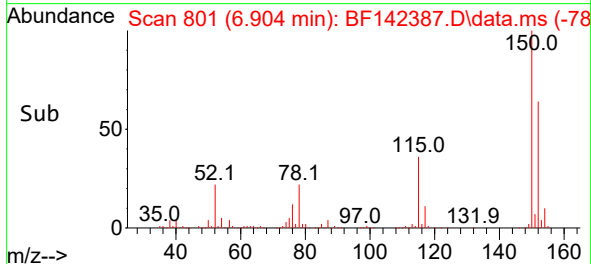
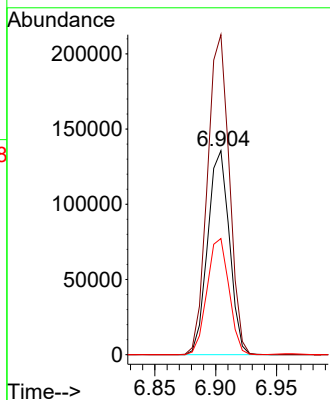
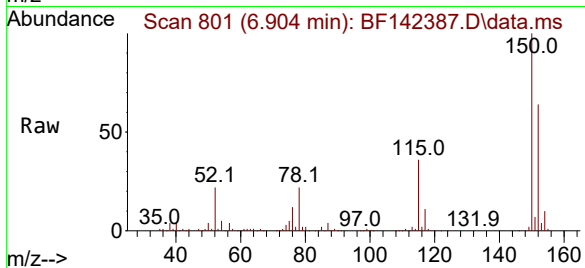




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142387.D
 Acq: 15 May 2025 11:49

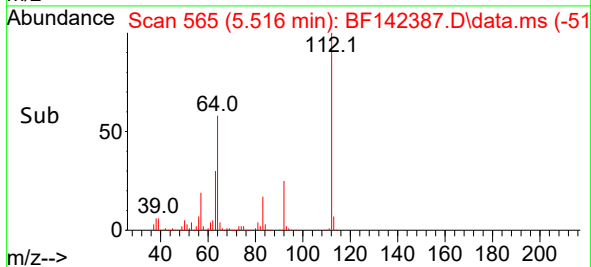
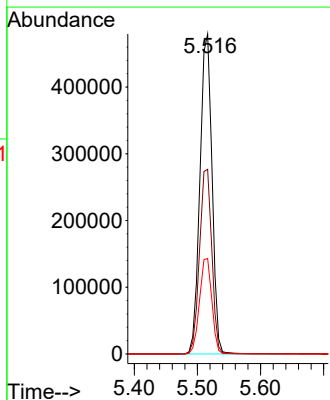
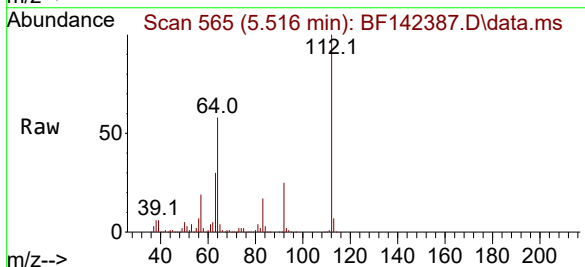
Instrument :
 BNA_F
 ClientSampleId :
 RW8-BW-20250507

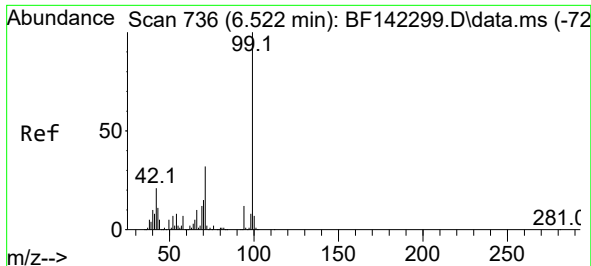
Tgt Ion:152 Resp: 167801
 Ion Ratio Lower Upper
 152 100
 150 156.8 126.6 190.0
 115 57.0 47.3 70.9



#5
 2-Fluorophenol
 Concen: 65.015 ng
 RT: 5.516 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF142387.D
 Acq: 15 May 2025 11:49

Tgt Ion:112 Resp: 639081
 Ion Ratio Lower Upper
 112 100
 64 57.7 48.9 73.3
 63 29.9 25.6 38.4

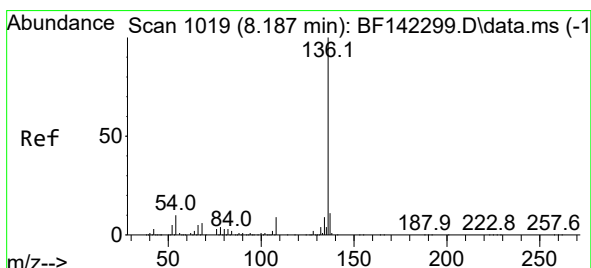
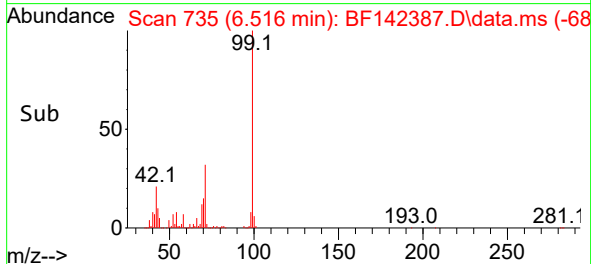
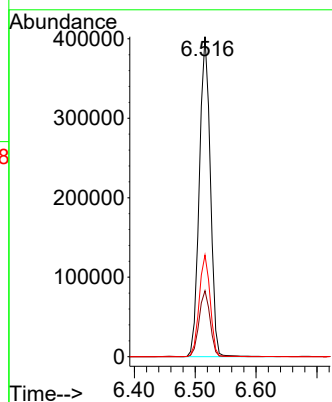
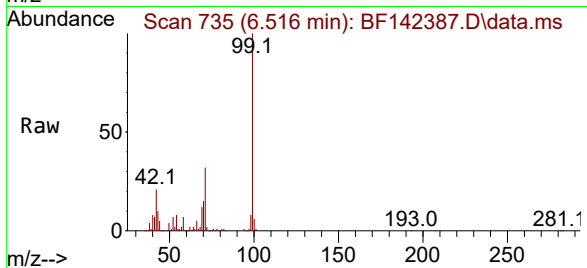




#7
Phenol-d6
Concen: 41.604 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142387.D
Acq: 15 May 2025 11:49

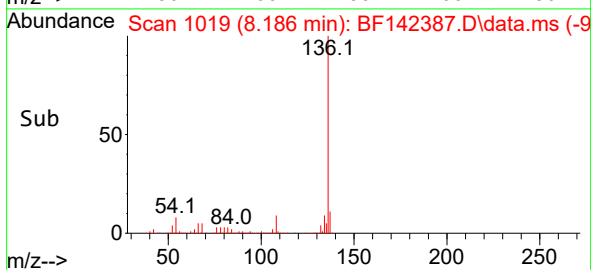
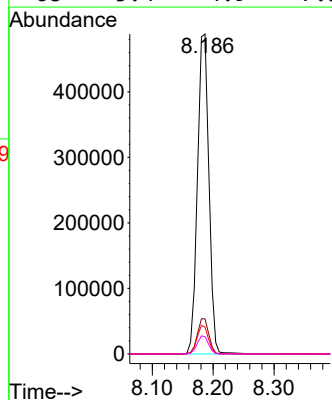
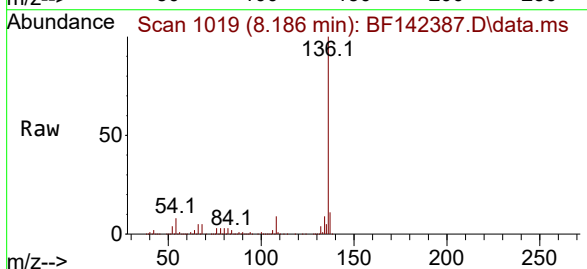
Instrument :
BNA_F
ClientSampleId :
RW8-BW-20250507

Tgt Ion: 99 Resp: 502983
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.4
71 31.7 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142387.D
Acq: 15 May 2025 11:49

Tgt Ion: 136 Resp: 639031
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.4 7.7 11.5
68 5.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 93.685 ng

RT: 7.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF142387.D

Acq: 15 May 2025 11:49

Instrument :

BNA_F

ClientSampleId :

RW8-BW-20250507

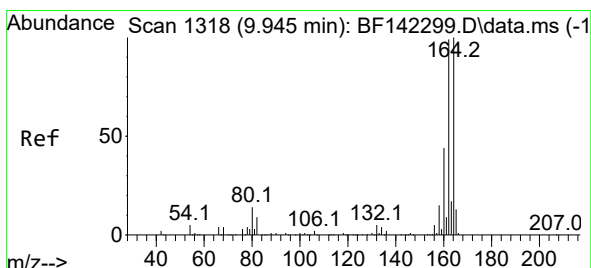
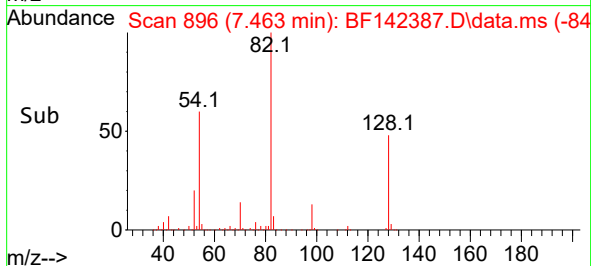
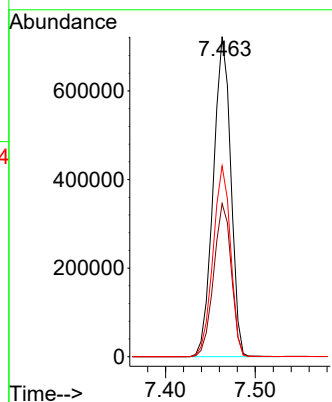
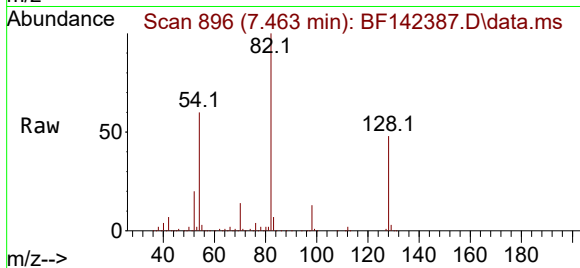
Tgt Ion: 82 Resp: 981641

Ion Ratio Lower Upper

82 100

128 47.9 37.0 55.6

54 59.6 48.6 73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF142387.D

Acq: 15 May 2025 11:49

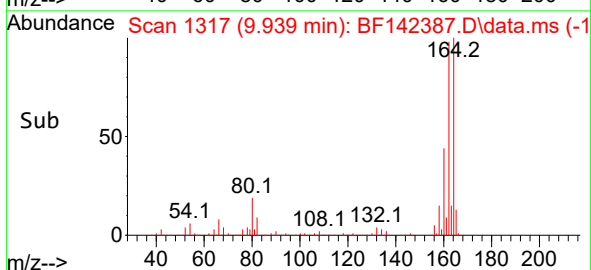
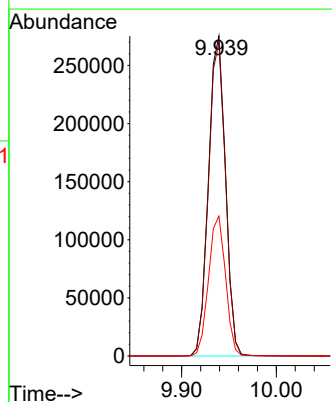
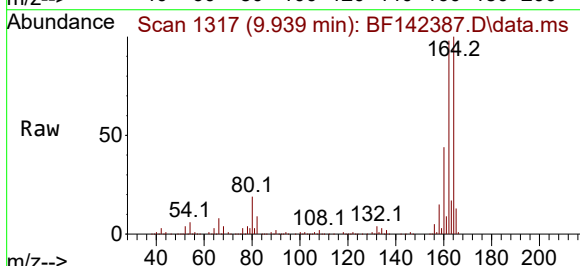
Tgt Ion:164 Resp: 343772

Ion Ratio Lower Upper

164 100

162 98.0 79.2 118.8

160 43.7 35.3 52.9

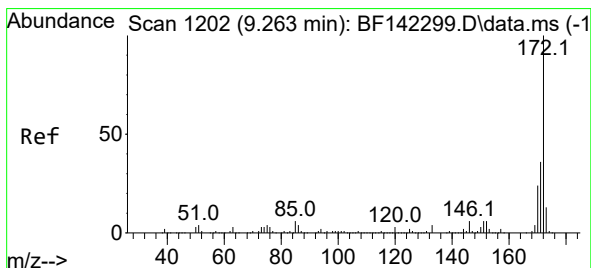
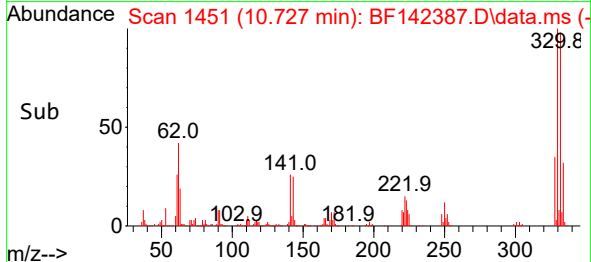
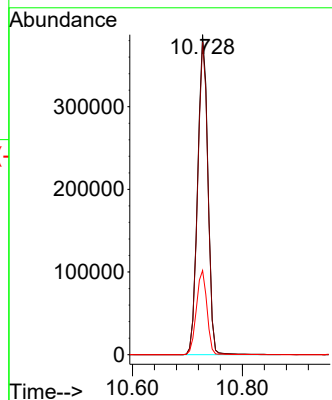
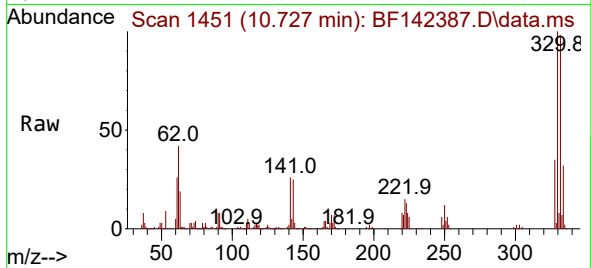




#42
2,4,6-Tribromophenol
Concen: 150.881 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142387.D
Acq: 15 May 2025 11:49

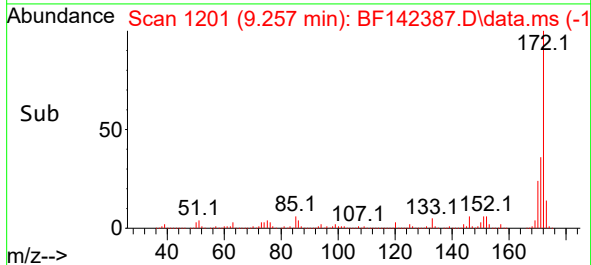
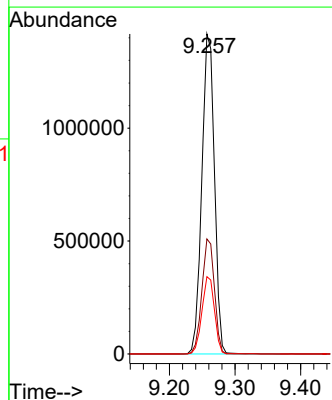
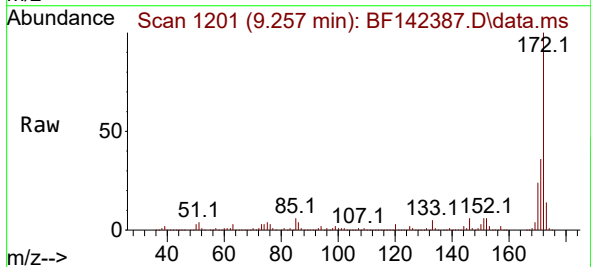
Instrument :
BNA_F
ClientSampleId :
RW8-BW-20250507

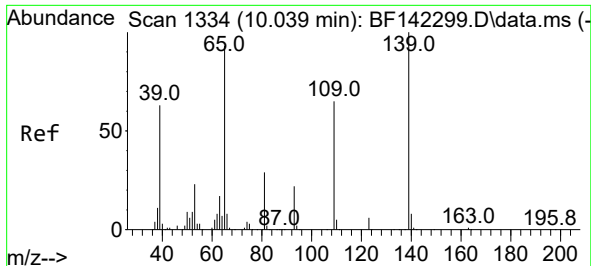
Tgt Ion:330 Resp: 500783
Ion Ratio Lower Upper
330 100
332 97.7 76.8 115.2
141 27.1 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 78.831 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142387.D
Acq: 15 May 2025 11:49

Tgt Ion:172 Resp: 1900582
Ion Ratio Lower Upper
172 100
171 36.0 28.6 42.8
170 24.2 19.0 28.4

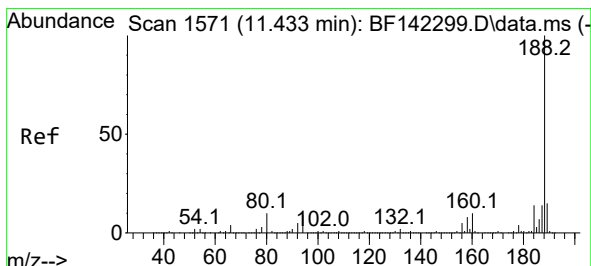
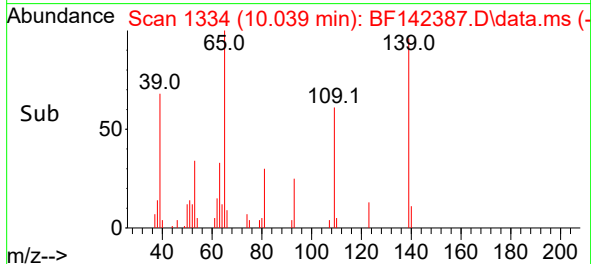
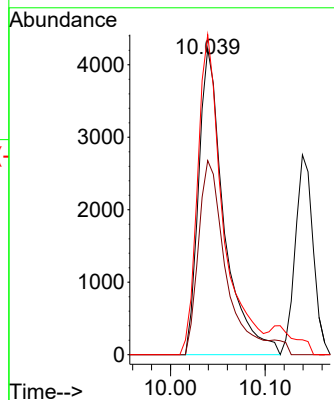
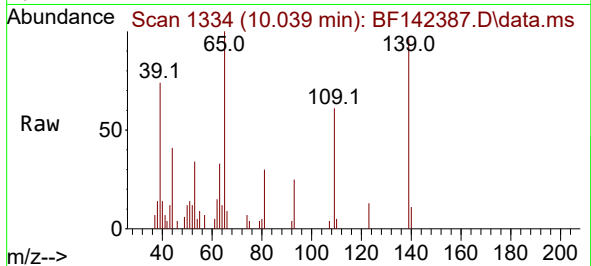




#56
4-Nitrophenol
Concen: 2.158 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142387.D
Acq: 15 May 2025 11:49

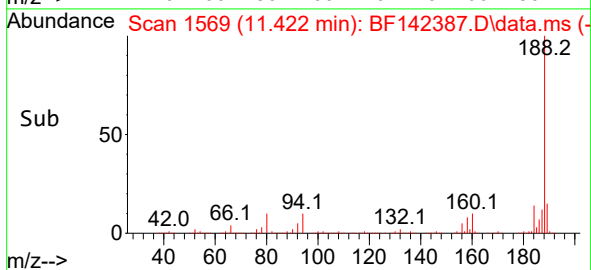
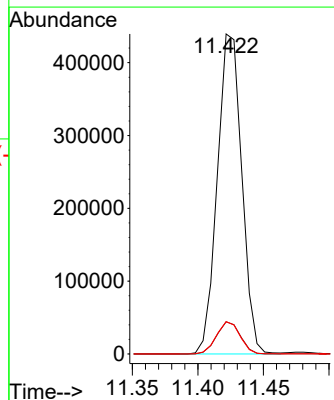
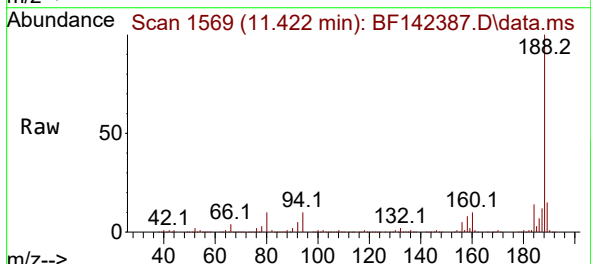
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ClientSampleId :
RW8-BW-20250507

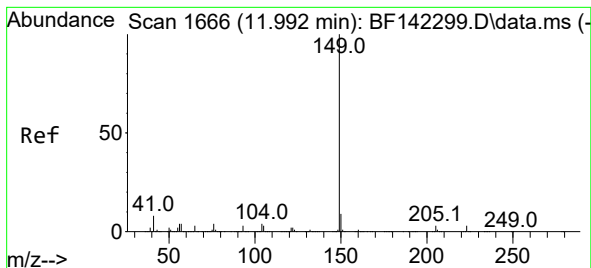
Tgt Ion:139 Resp: 7869
Ion Ratio Lower Upper
139 100
109 63.4 45.3 85.3
65 104.6 73.9 113.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142387.D
Acq: 15 May 2025 11:49

Tgt Ion:188 Resp: 569708
Ion Ratio Lower Upper
188 100
94 10.0 7.5 11.3
80 10.1 7.9 11.9





#74

Di-n-butylphthalate

Concen: 5.334 ng

RT: 11.986 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142387.D

Acq: 15 May 2025 11:49

Instrument :

BNA_F

ClientSampleId :

RW8-BW-20250507

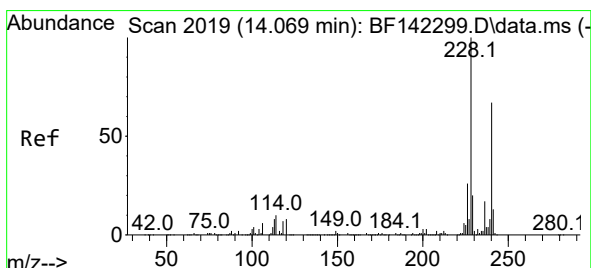
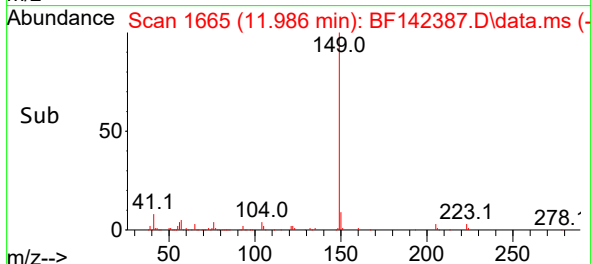
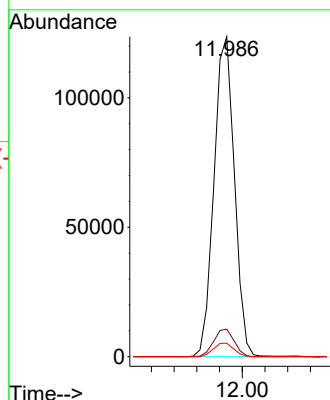
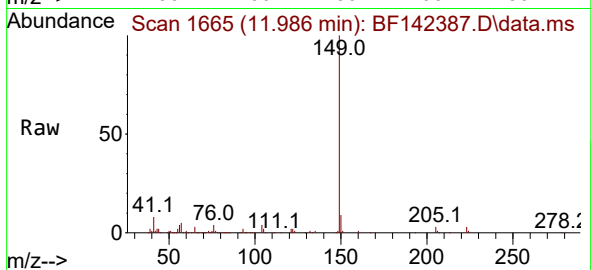
Tgt Ion:149 Resp: 154393

Ion Ratio Lower Upper

149 100

150 8.6 7.5 11.3

104 4.2 3.6 5.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.006 min

Lab File: BF142387.D

Acq: 15 May 2025 11:49

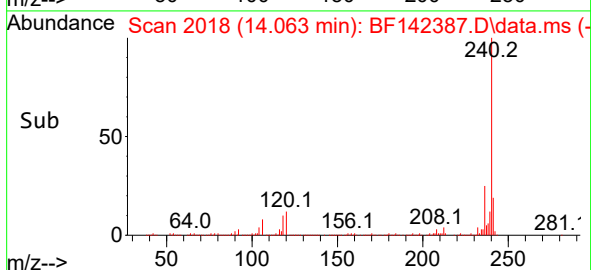
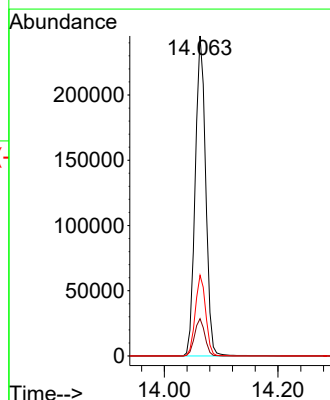
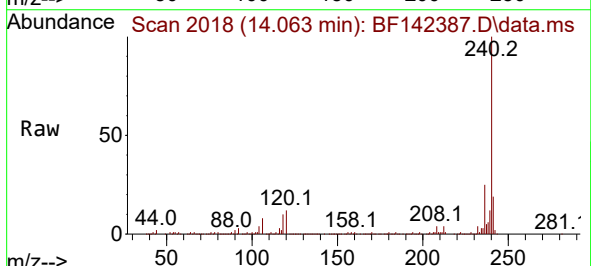
Tgt Ion:240 Resp: 315375

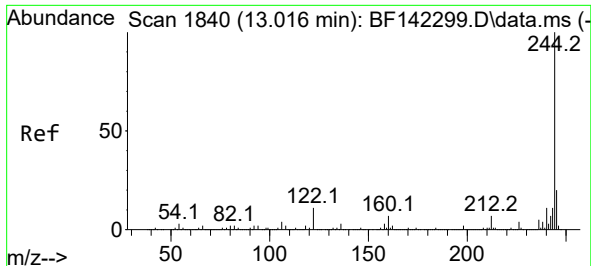
Ion Ratio Lower Upper

240 100

120 11.7 9.7 14.5

236 25.2 20.0 30.0

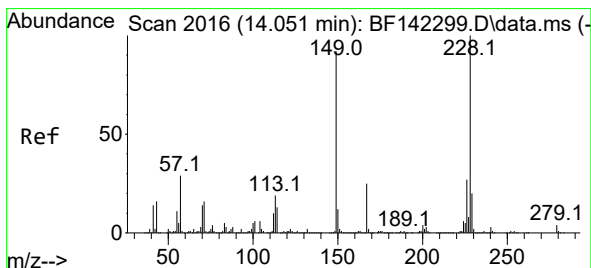
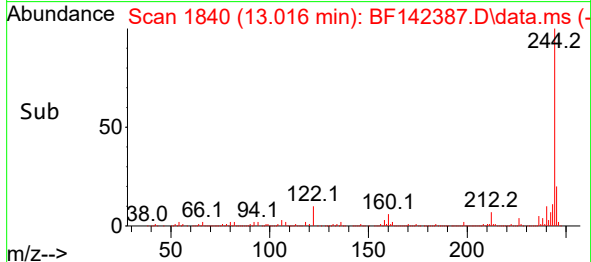
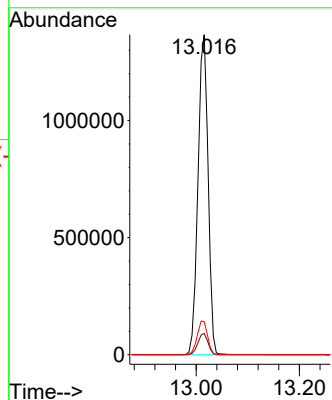
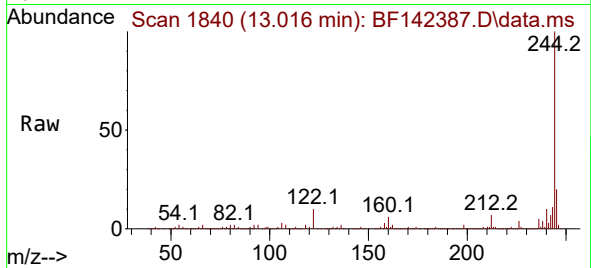




#79
 Terphenyl-d14
 Concen: 86.937 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. -0.000 min
 Lab File: BF142387.D
 Acq: 15 May 2025 11:49

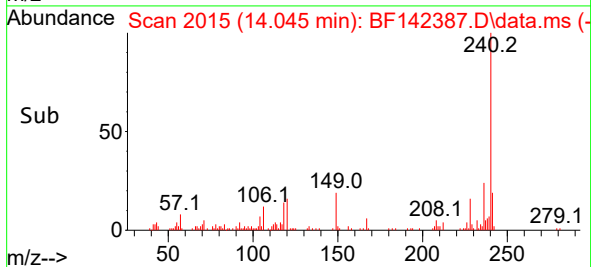
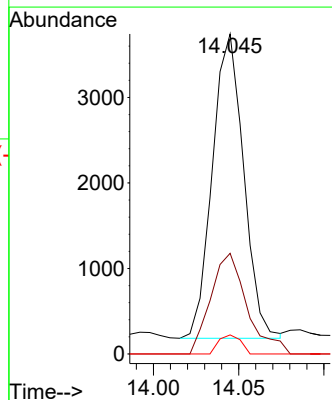
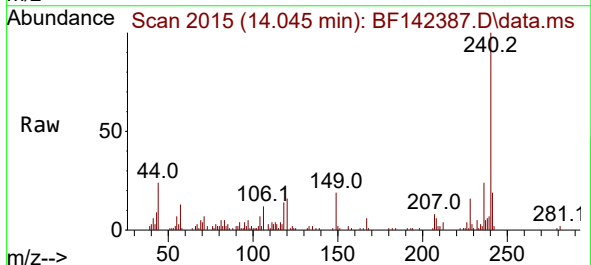
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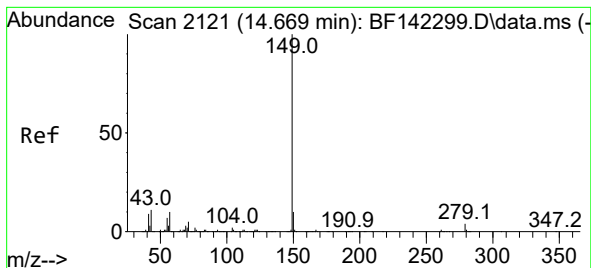
Tgt Ion:244 Resp: 1852419
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.4 9.0 13.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.625 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BF142387.D
 Acq: 15 May 2025 11:49

Tgt Ion:149 Resp: 4538
 Ion Ratio Lower Upper
 149 100
 167 31.5 22.0 33.0
 279 6.0 3.0 4.6#





#85

Di-n-octyl phthalate

Concen: 8.067 ng

RT: 14.657 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142387.D

Acq: 15 May 2025 11:49

Instrument :

BNA_F

ClientSampleId :

RW8-BW-20250507

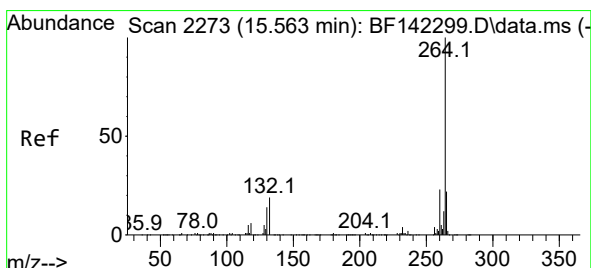
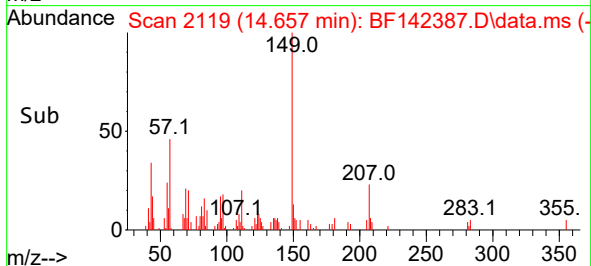
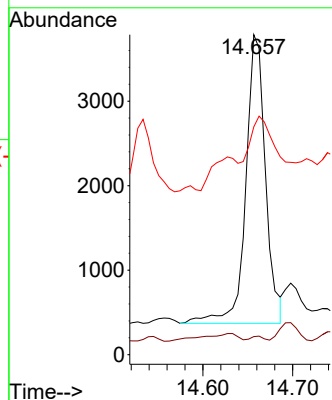
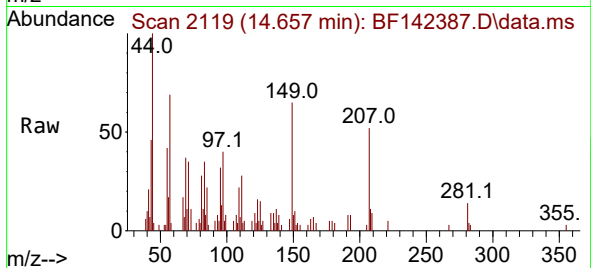
Tgt Ion:149 Resp: 5214

Ion Ratio Lower Upper

149 100

167 0.0 1.1 1.7#

43 21.3 9.2 13.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142387.D

Acq: 15 May 2025 11:49

Tgt Ion:264 Resp: 358092

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.5 17.5 26.3

