

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)

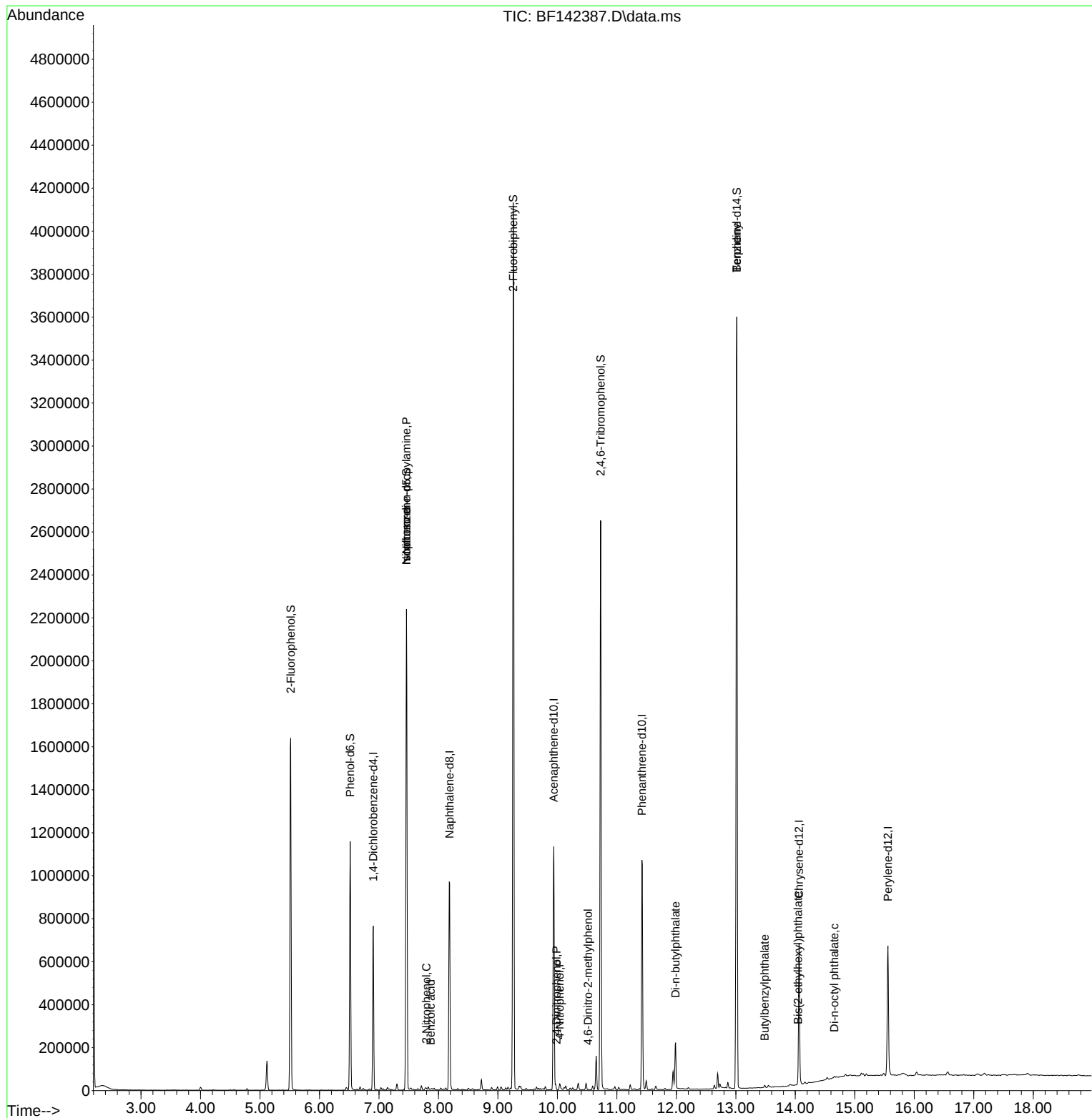
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	167801	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	639031	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	343772	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	569708	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	315375	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.463	70	133232	17.816	ng	# 76
25) Isophorone	7.463	82	964695	48.619	ng	# 62
26) 2-Nitrophenol	7.798	139	1232	4.324	ng	98
32) Benzoic acid	7.869	122	1213	6.247	ng	# 86
54) 2,4-Dinitrophenol	9.986	184	287	7.782	ng	93
56) 4-Nitrophenol	10.039	139	7869	2.158	ng	92
65) 4,6-Dinitro-2-methylph...	10.516	198	299	7.281	ng	# 18
74) Di-n-butylphthalate	11.986	149	154393	5.334	ng	98
77) Benzidine	13.016	184	22375	3.904	ng	96
80) Butylbenzylphthalate	13.486	149	2745	3.969	ng	89
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

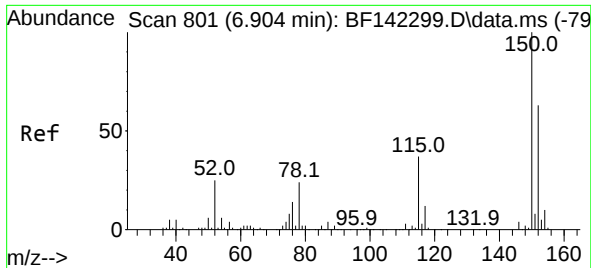
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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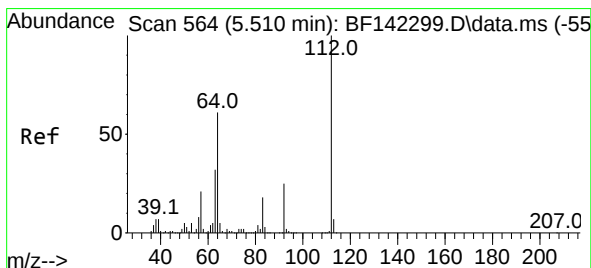
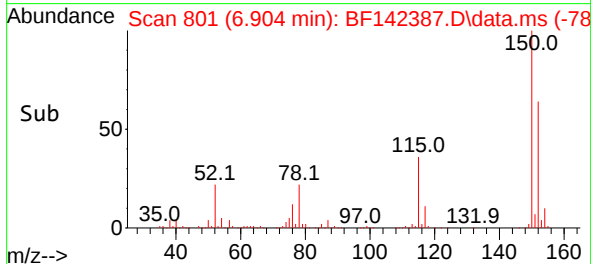
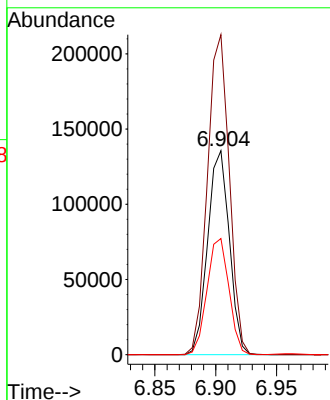
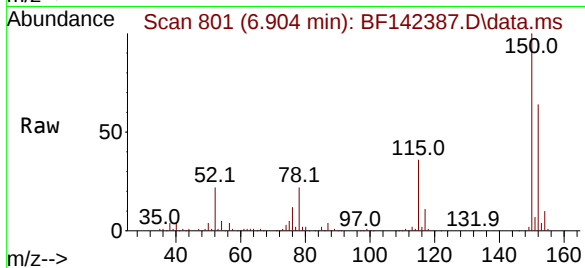




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142387.D
Acq: 15 May 2025 11:49

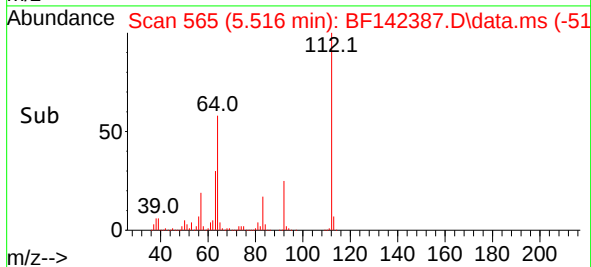
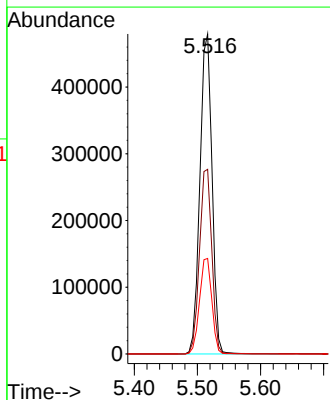
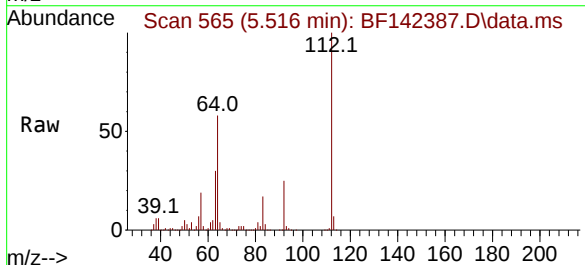
Instrument :
BNA_F
ClientSampleId :
RW8-BW-20250507

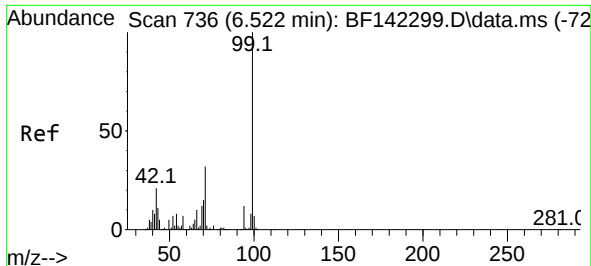
Tgt Ion:152 Resp: 167801
Ion Ratio Lower Upper
152 100
150 156.8 126.6 190.0
115 57.0 47.3 70.9



#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

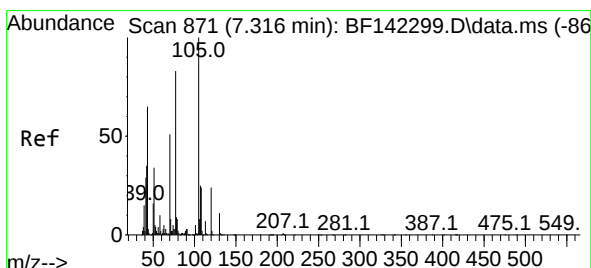
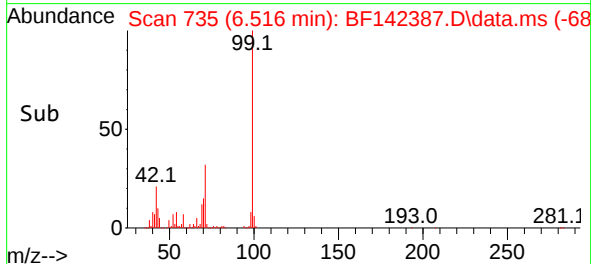
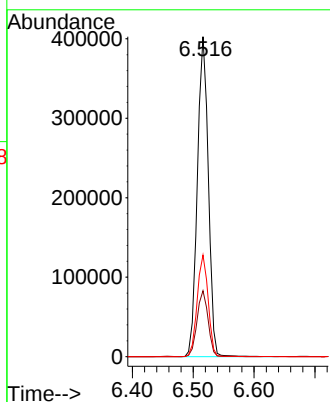
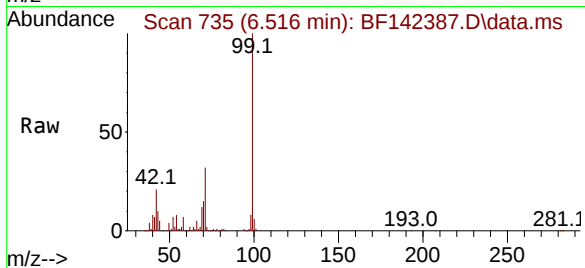




#7
Phenol-d6
Concen: 41.604 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142387.D
Acq: 15 May 2025 11:49

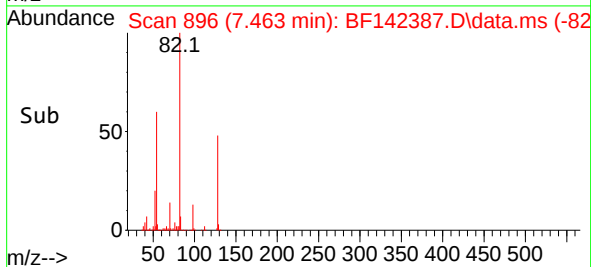
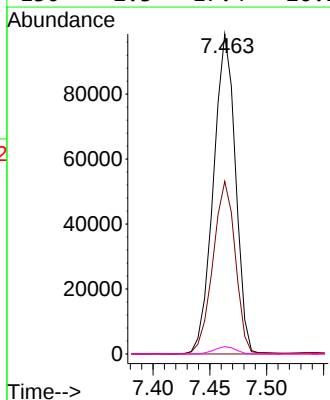
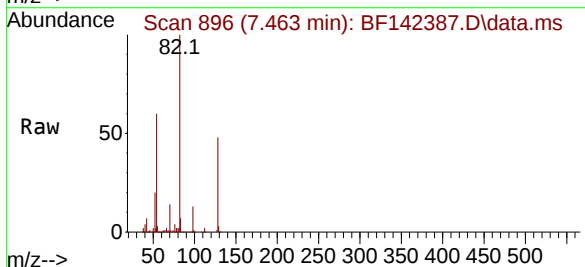
Instrument :
BNA_F
ClientSampleId :
RW8-BW-20250507

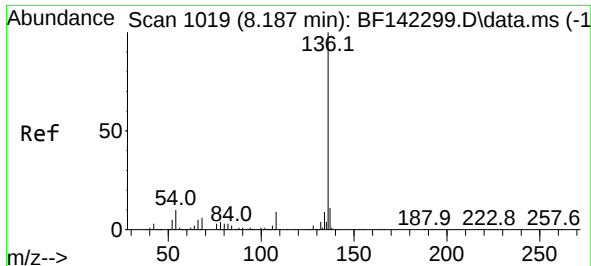
Tgt Ion: 99 Resp: 502983
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.4
71 31.7 25.8 38.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.816 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.147 min
Lab File: BF142387.D
Acq: 15 May 2025 11:49

Tgt Ion: 70 Resp: 133232
Ion Ratio Lower Upper
70 100
42 54.0 54.8 82.2#
101 0.0 7.7 11.5#
130 2.3 17.4 26.2#



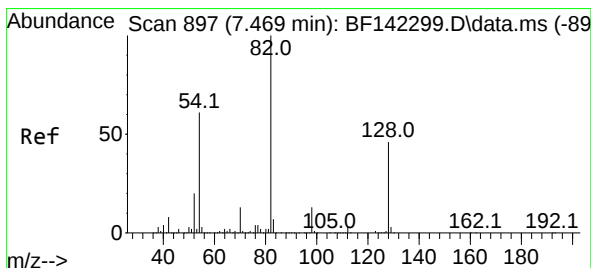
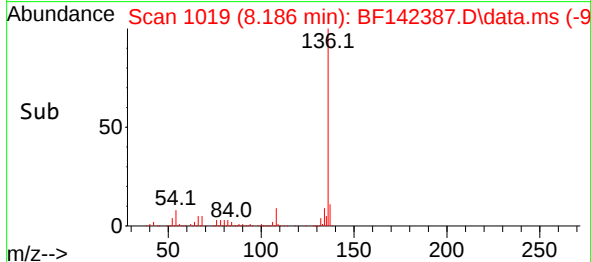
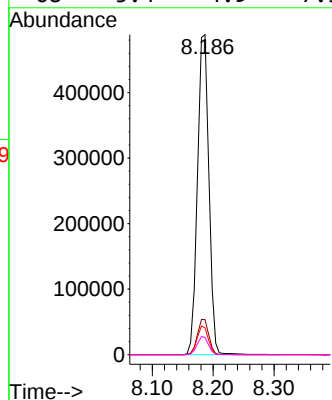
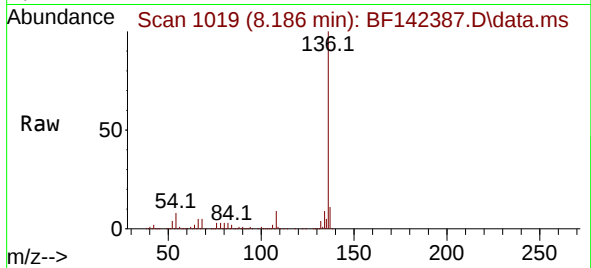


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142387.D
Acq: 15 May 2025 11:49

Instrument :
BNA_F
ClientSampleId :
RW8-BW-20250507

Tgt Ion:136 Resp: 639031

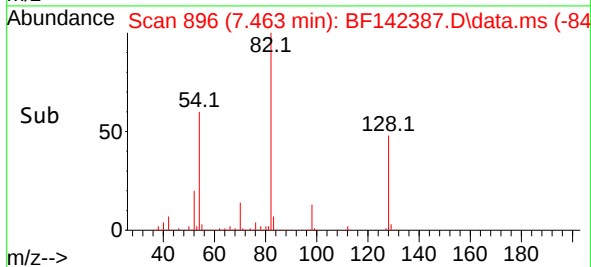
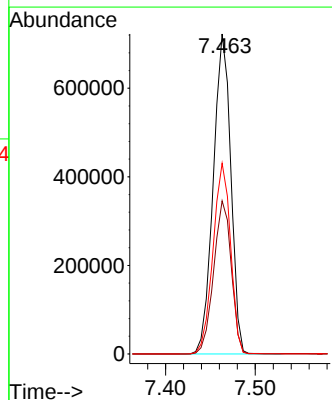
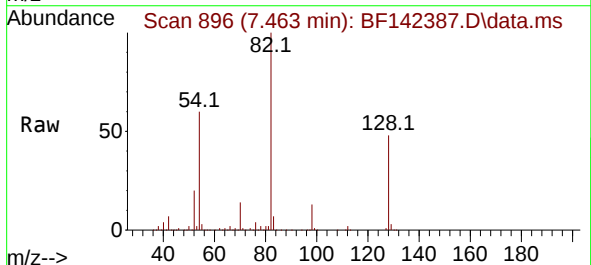
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.4	7.7	11.5
68	5.4	4.9	7.3

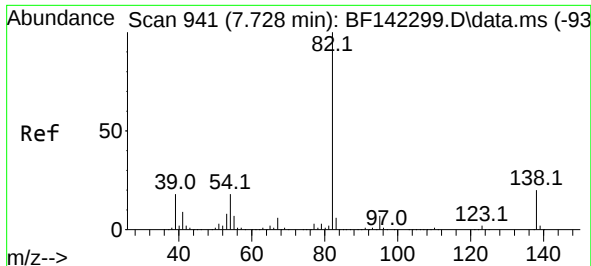


#23
Nitrobenzene-d5
Concen: 93.685 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF142387.D
Acq: 15 May 2025 11:49

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

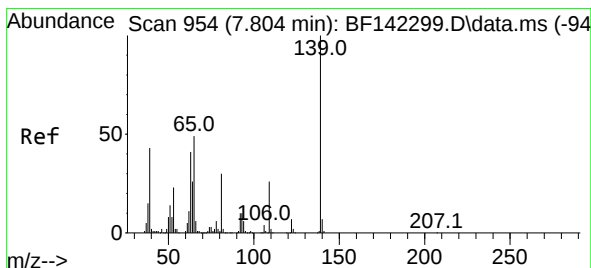
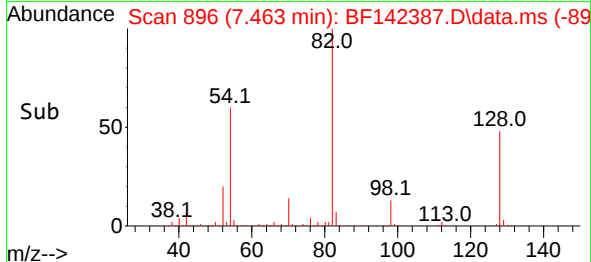
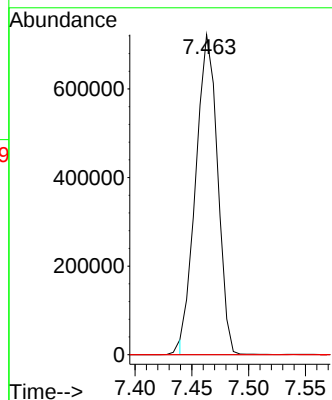
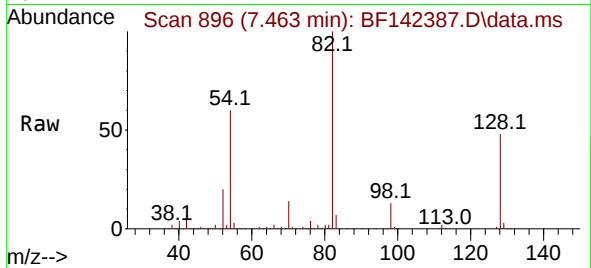




#25
Isophorone
Concen: 48.619 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142387.D
Acq: 15 May 2025 11:49

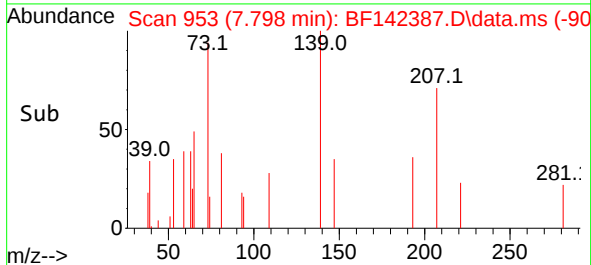
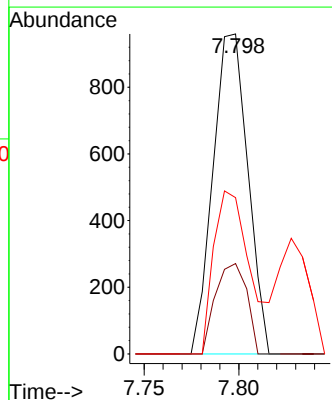
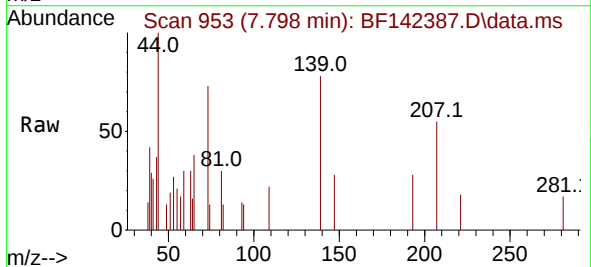
Instrument :
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ClientSampleId :
RW8-BW-20250507

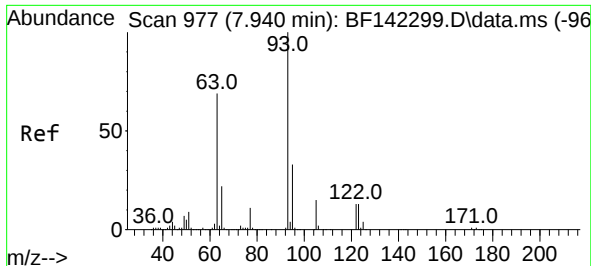
Tgt Ion: 82 Resp: 964695
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 16.1 24.1#



#26
2-Nitrophenol
Concen: 4.324 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142387.D
Acq: 15 May 2025 11:49

Tgt Ion:139 Resp: 1232
Ion Ratio Lower Upper
139 100
109 28.2 20.8 31.2
65 48.9 38.9 58.3

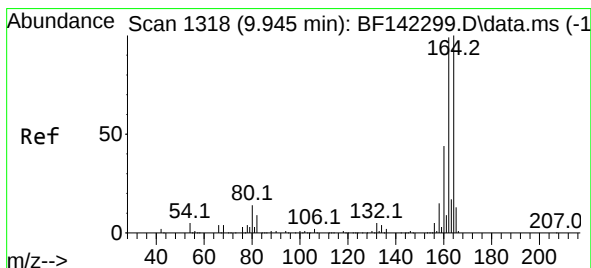
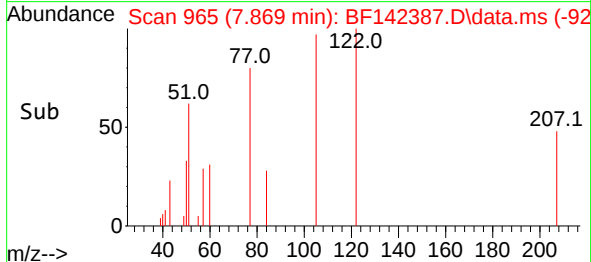
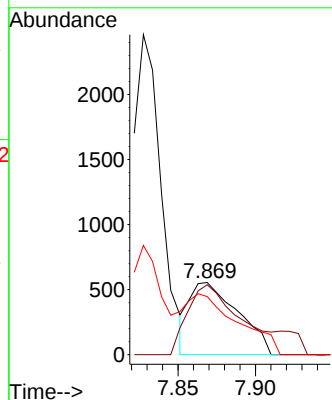
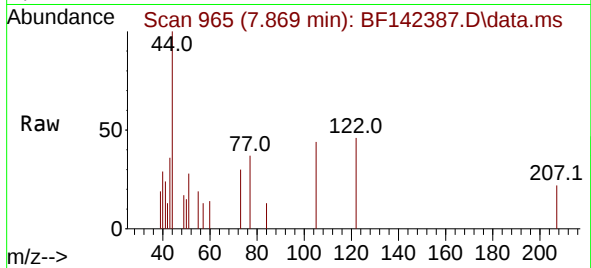




#32
Benzoic acid
Concen: 6.247 ng
RT: 7.869 min Scan# 91
Delta R.T. -0.071 min
Lab File: BF142387.D
Acq: 15 May 2025 11:49

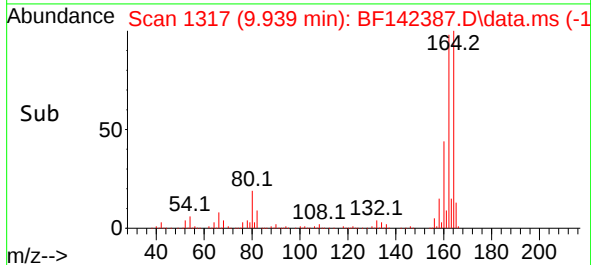
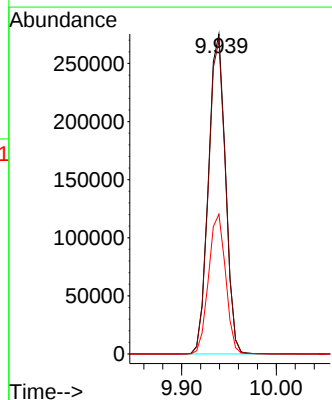
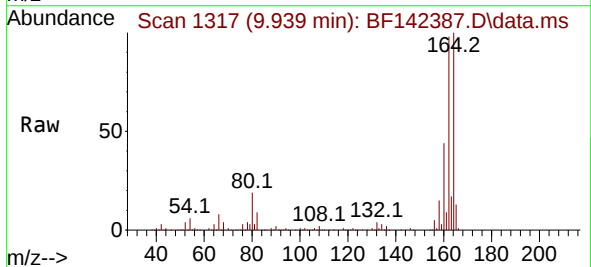
Instrument :
BNA_F
ClientSampleId :
RW8-BW-20250507

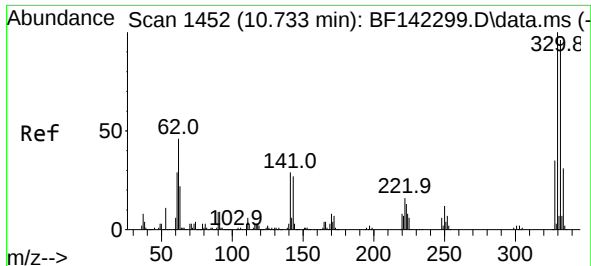
Tgt Ion:122 Resp: 1213
Ion Ratio Lower Upper
122 100
105 96.9 97.9 137.9#
77 80.4 67.7 107.7



#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

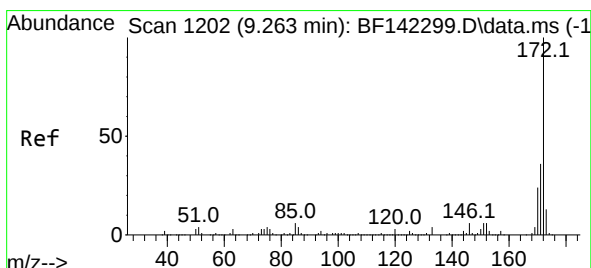
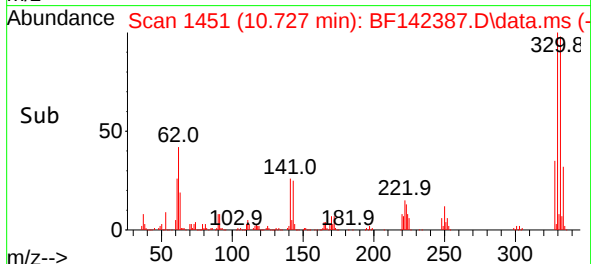
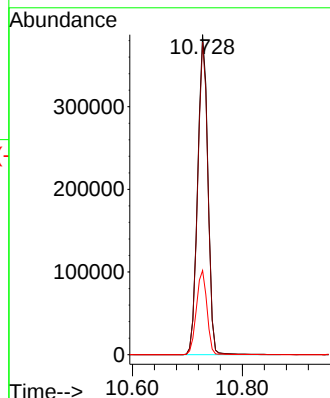
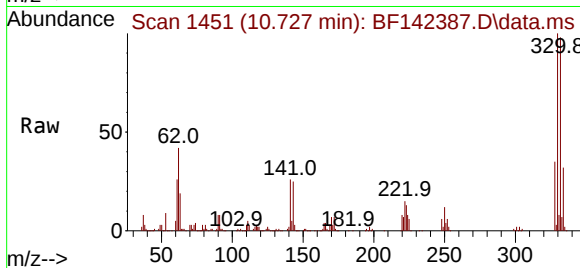
Tgt Ion:330 Resp: 500783

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

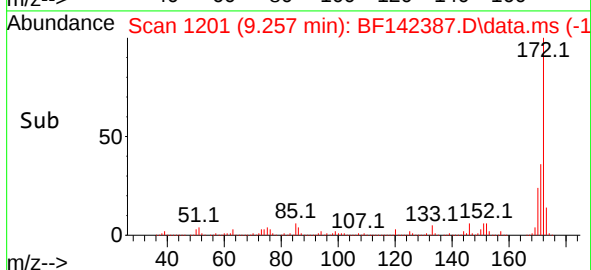
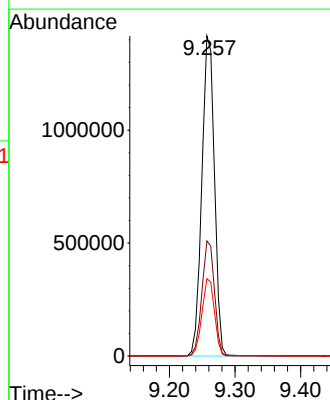
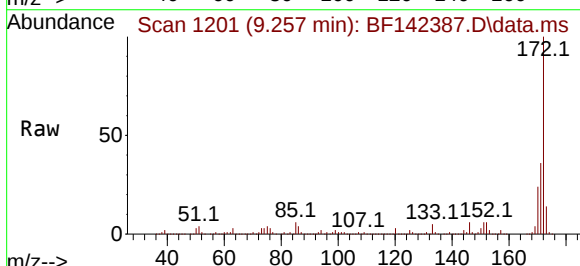
Tgt Ion:172 Resp: 1900582

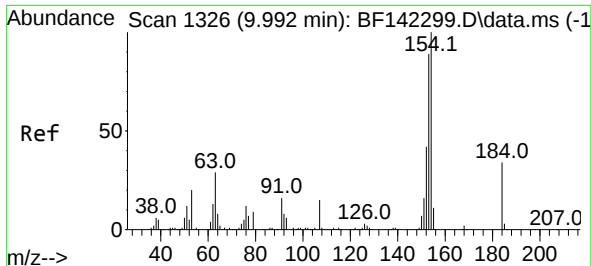
Ion Ratio Lower Upper

172 100

171 36.0 28.6 42.8

170 24.2 19.0 28.4

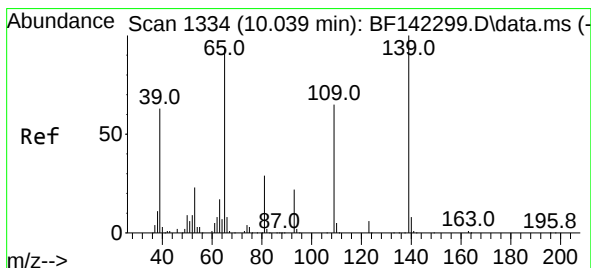
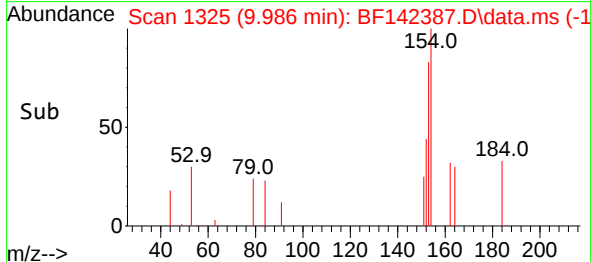
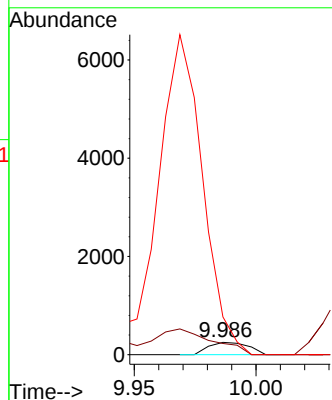
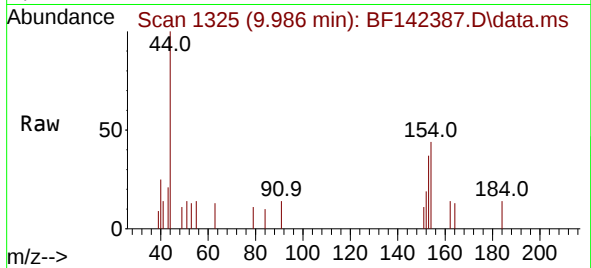




#54
2,4-Dinitrophenol
Concen: 7.782 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142387.D
Acq: 15 May 2025 11:49

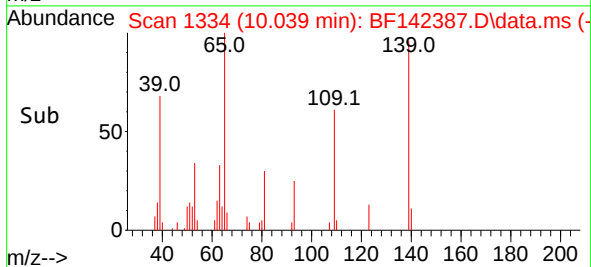
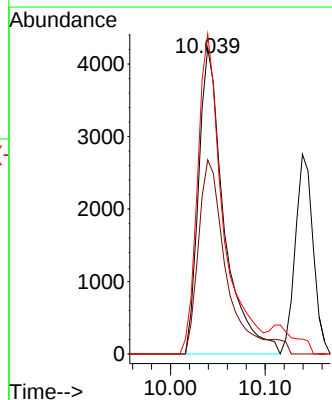
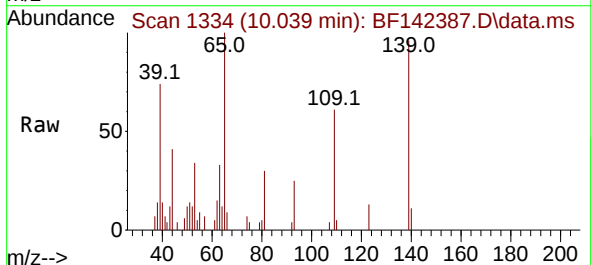
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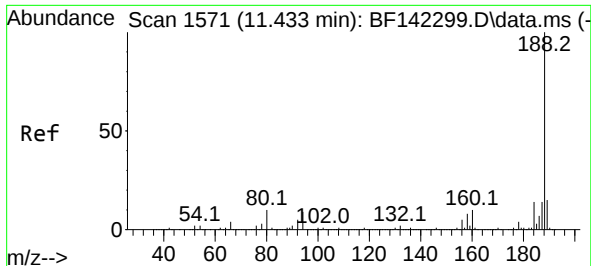
Tgt Ion:184 Resp: 287
Ion Ratio Lower Upper
184 100
63 90.5 70.6 105.8
154 304.0 257.2 385.8



#56
4-Nitrophenol
Concen: 2.158 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF142387.D
Acq: 15 May 2025 11:49

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

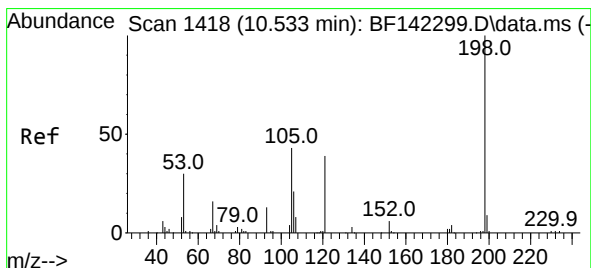
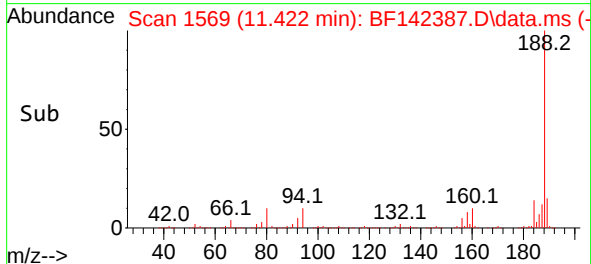
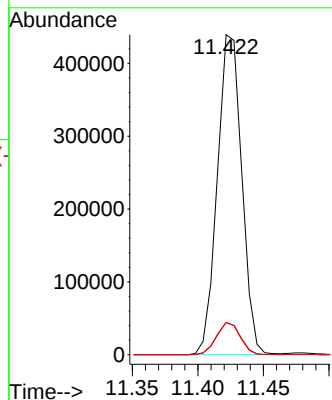
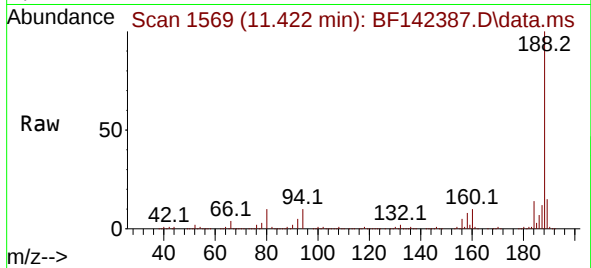




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142387.D
Acq: 15 May 2025 11:49

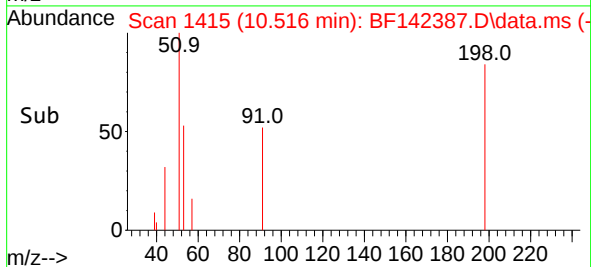
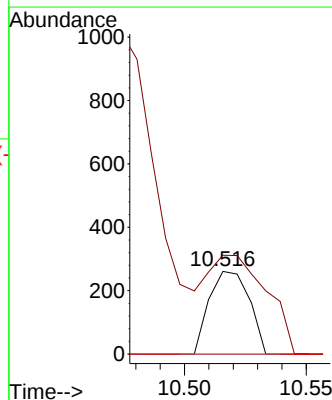
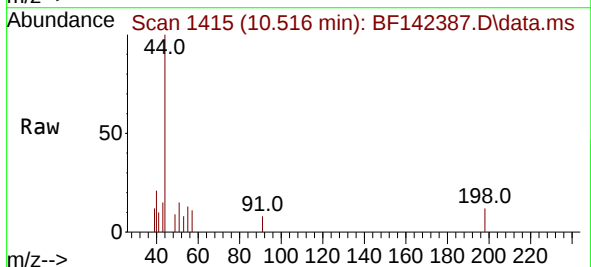
Instrument :
BNA_F
ClientSampleId :
RW8-BW-20250507

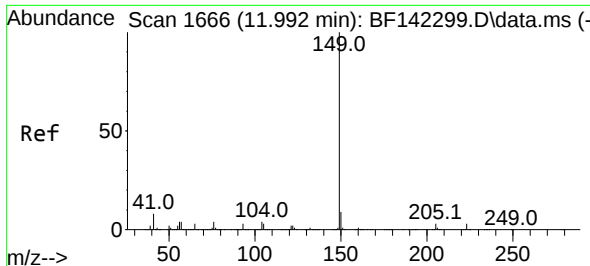
Tgt Ion:188 Resp: 569708
Ion Ratio Lower Upper
188 100
94 10.0 7.5 11.3
80 10.1 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 7.281 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.017 min
Lab File: BF142387.D
Acq: 15 May 2025 11:49

Tgt Ion:198 Resp: 299
Ion Ratio Lower Upper
198 100
51 119.5 32.9 72.9#
105 0.0 23.7 63.7#

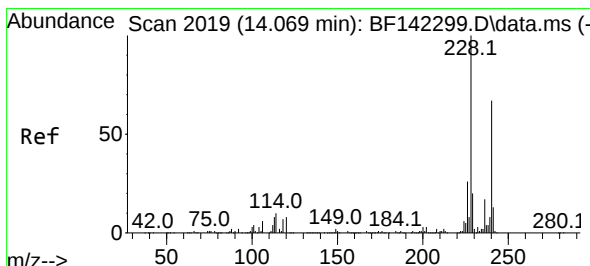
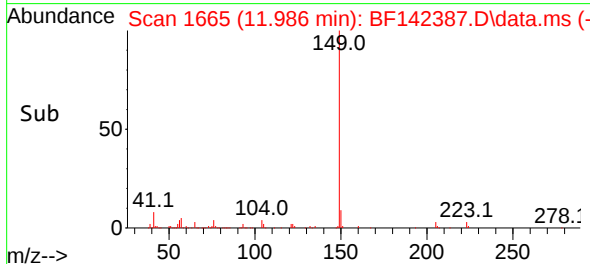
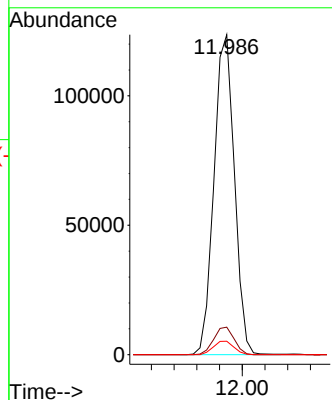
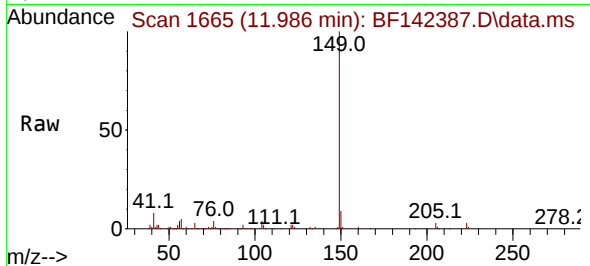




#74
Di-n-butylphthalate
Concen: 5.334 ng
RT: 11.986 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142387.D
Acq: 15 May 2025 11:49

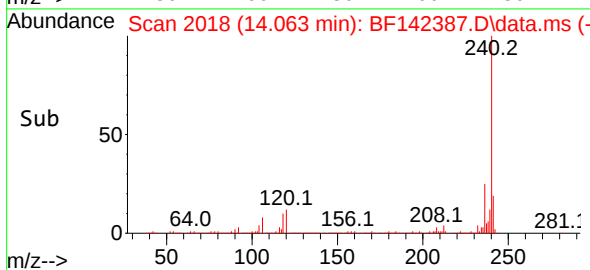
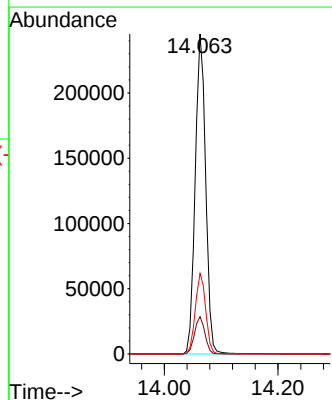
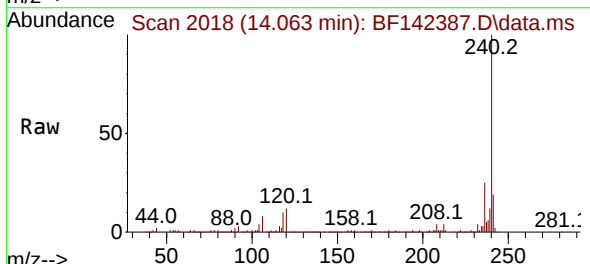
Instrument :
BNA_F
ClientSampleId :
RW8-BW-20250507

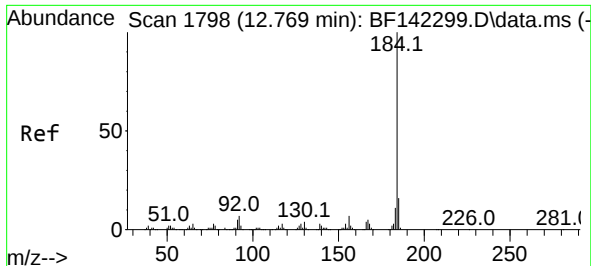
Tgt Ion:149 Resp: 154393
Ion Ratio Lower Upper
149 100
150 8.6 7.5 11.3
104 4.2 3.6 5.4



#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

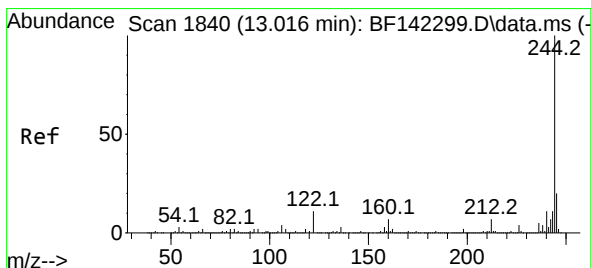
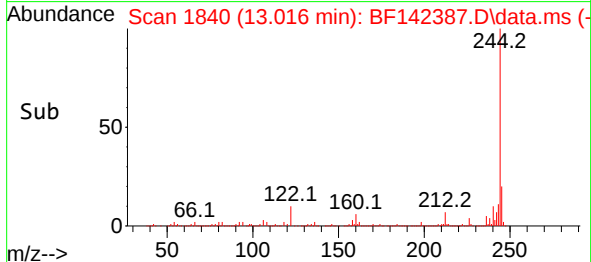
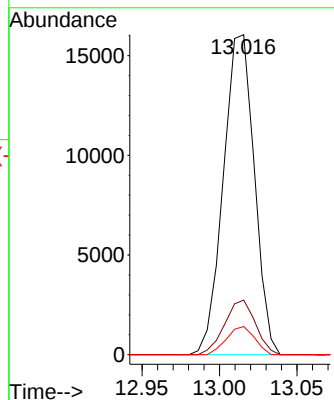
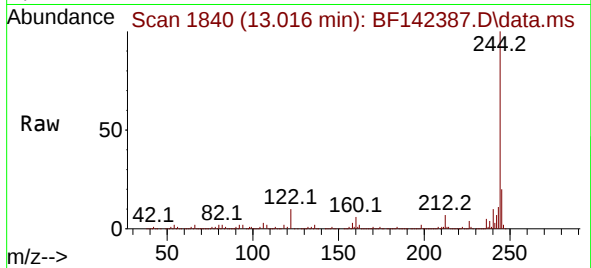




#77
Benzidine
Concen: 3.904 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.247 min
Lab File: BF142387.D
Acq: 15 May 2025 11:49

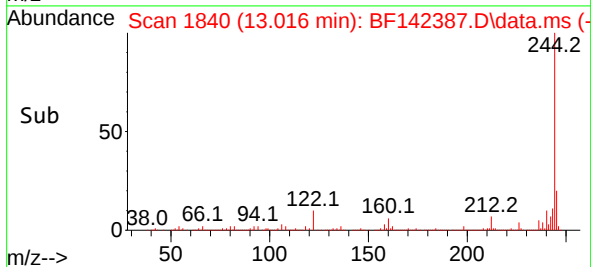
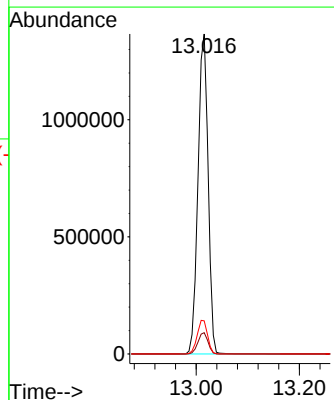
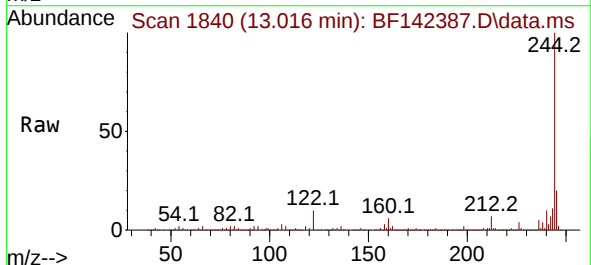
Instrument :
BNA_F
ClientSampleId :
RW8-BW-20250507

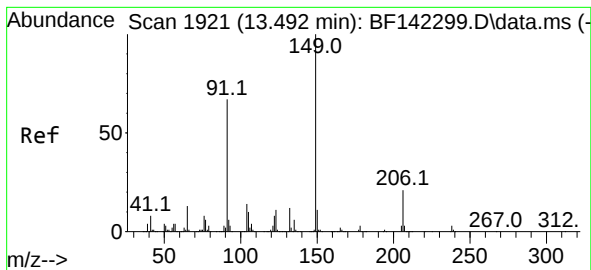
Tgt Ion:184 Resp: 22375
Ion Ratio Lower Upper
184 100
185 17.0 12.6 18.8
183 8.8 8.6 12.8



#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

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





#80

Butylbenzylphthalate

Concen: 3.969 ng

RT: 13.486 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF142387.D

Acq: 15 May 2025 11:49

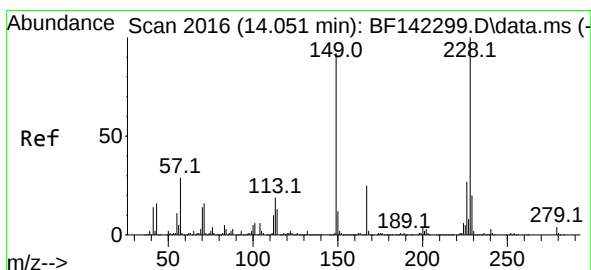
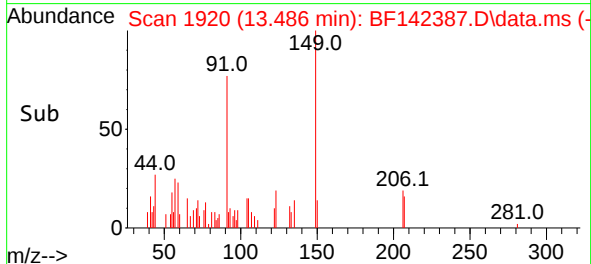
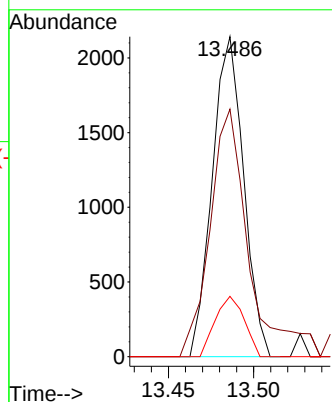
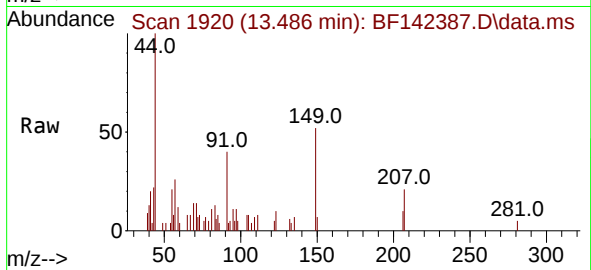
Instrument :

BNA_F

ClientSampleId :

RW8-BW-20250507

Tgt Ion:149	Resp:	2745
Ion Ratio	Lower	Upper
149	100	
91	77.4	53.8 80.6
206	18.9	16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.625 ng

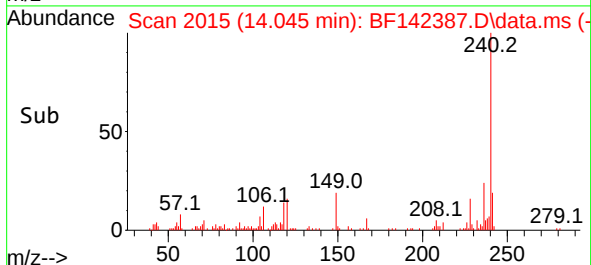
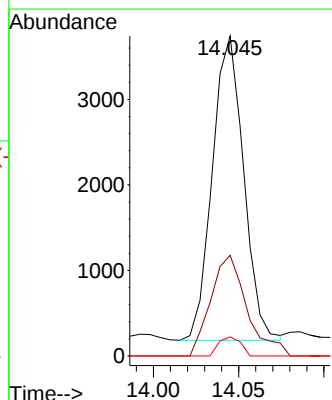
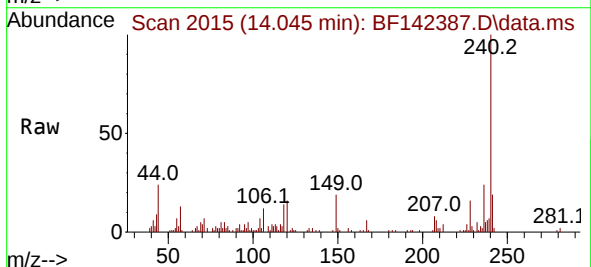
RT: 14.045 min Scan# 2015

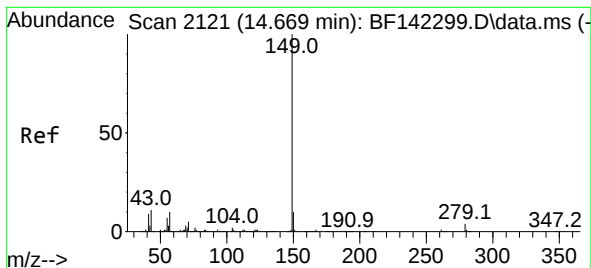
Delta R.T. -0.006 min

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

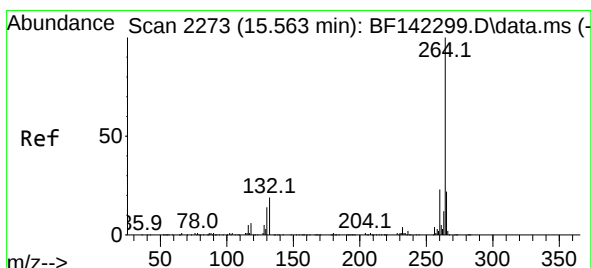
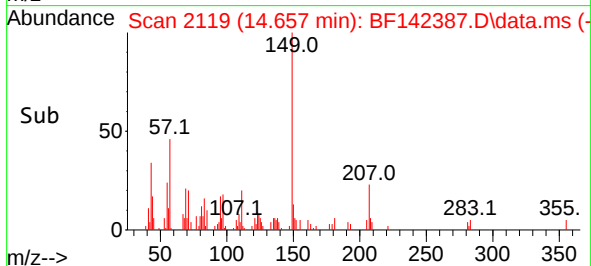
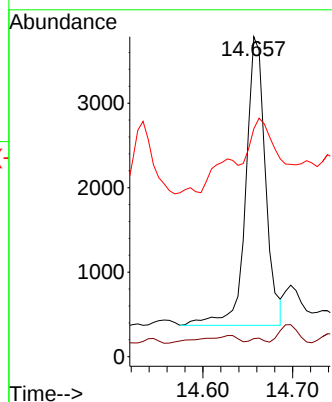
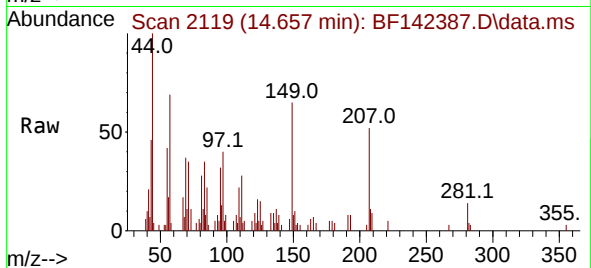
Tgt Ion:149 Resp: 5214

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

