

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
 Data File : BF143214.D
 Acq On : 23 Jul 2025 16:30
 Operator : RC/JU
 Sample : PB168948BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168948BL

Quant Time: Jul 23 17:01:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

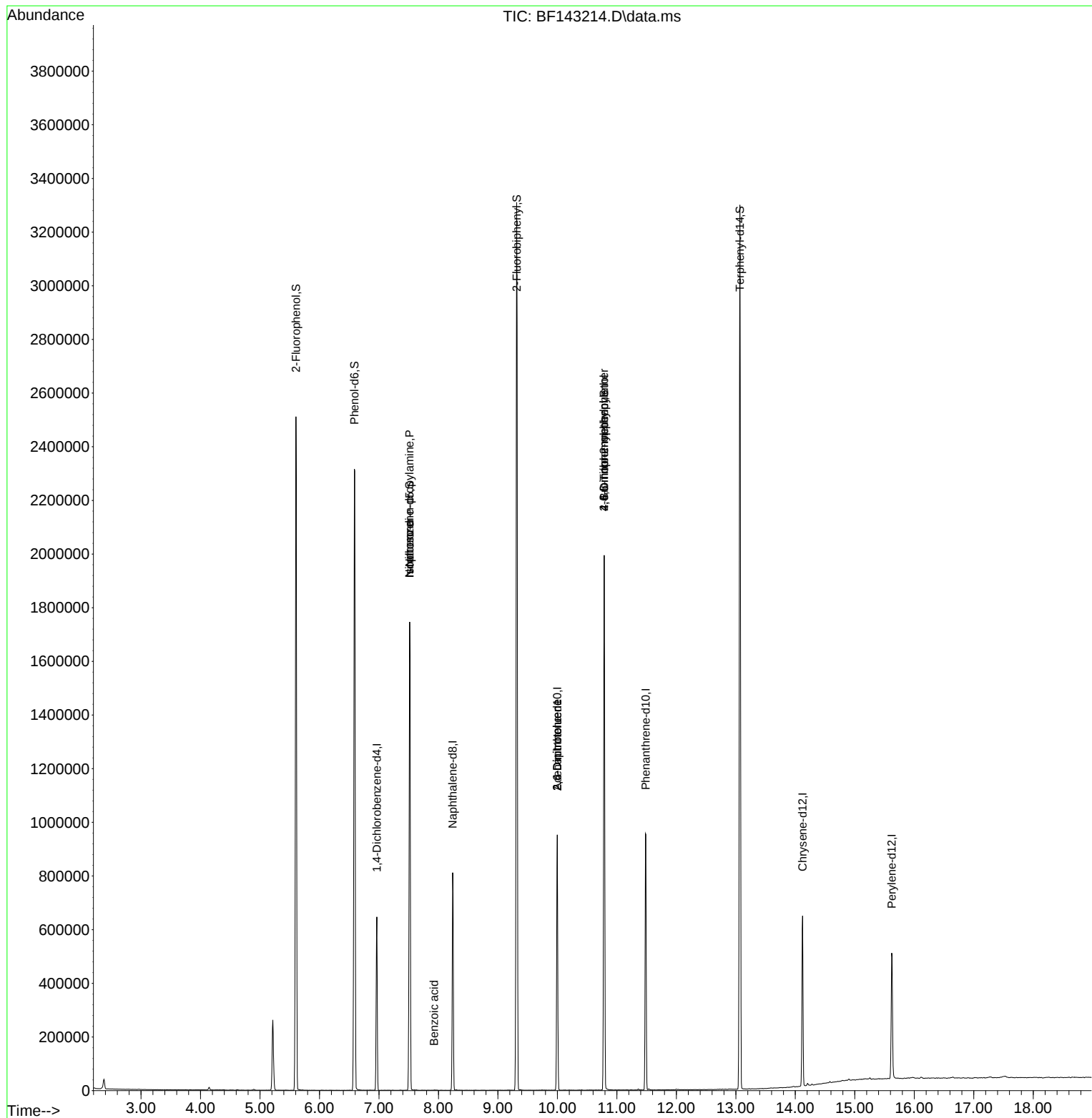
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	130534	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	502795	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	278326	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	500788	20.000	ng	0.00
76) Chrysene-d12	14.121	240	303819	20.000	ng	0.00
86) Perylene-d12	15.621	264	276240	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	950286	115.203	ng	0.02
7) Phenol-d6	6.586	99	1206637	116.217	ng	0.00
23) Nitrobenzene-d5	7.516	82	806060	79.913	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	358095	124.543	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1522826	74.828	ng	0.00
79) Terphenyl-d14	13.068	244	1633766	80.022	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.516	70	111131	16.683	ng	# 78
25) Isophorone	7.516	82	802603	45.074	ng	# 66
32) Benzoic acid	7.928	122	300	5.235	ng	# 72
51) 2,6-Dinitrotoluene	9.998	165	35619	9.651	ng	# 22
57) 2,4-Dinitrotoluene	9.998	165	35619	7.693	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.786	198	653	5.633	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	21997	3.686	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072325\
Data File : BF143214.D
Acq On : 23 Jul 2025 16:30
Operator : RC/JU
Sample : PB168948BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168948BL

Quant Time: Jul 23 17:01:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

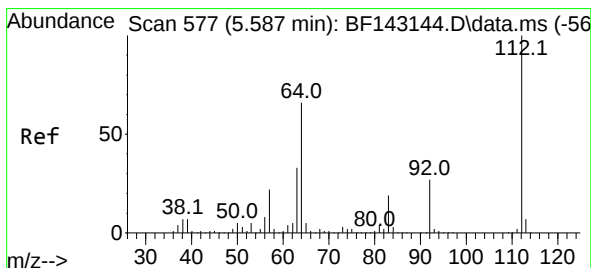
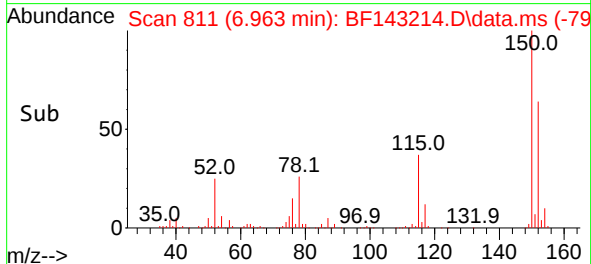
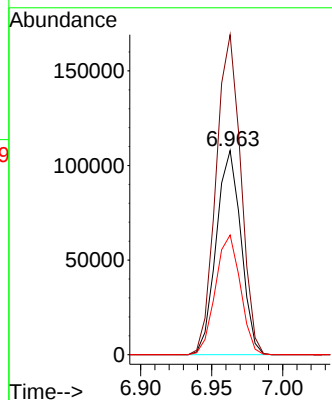
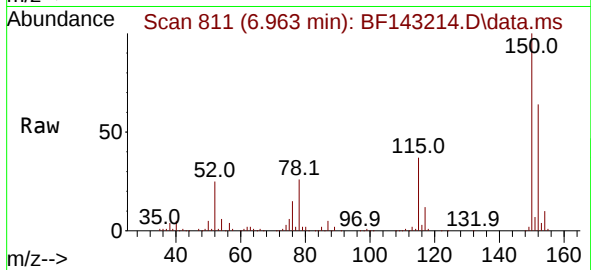




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

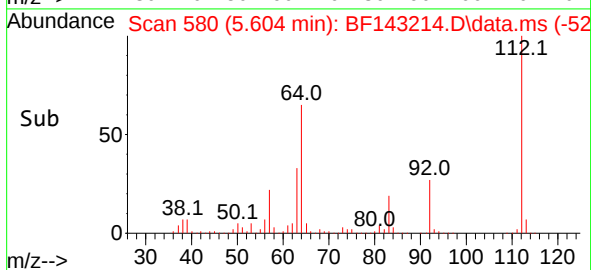
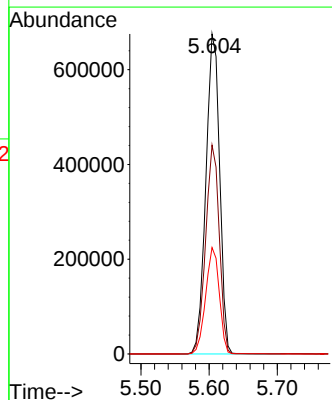
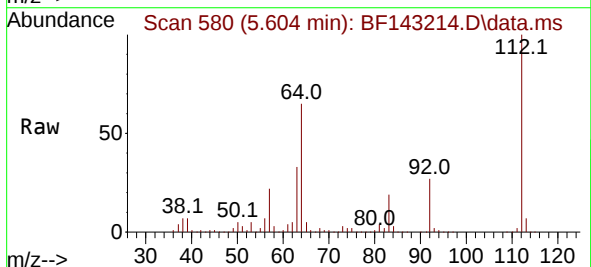
Instrument :
BNA_F
ClientSampleId :
PB168948BL

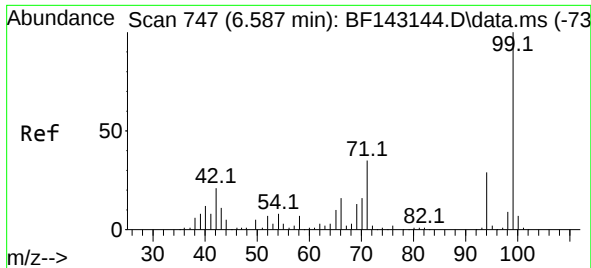
Tgt Ion:152 Resp: 130534
Ion Ratio Lower Upper
152 100
150 156.7 128.2 192.4
115 58.6 47.9 71.9



#5
2-Fluorophenol
Concen: 115.203 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

Tgt Ion:112 Resp: 950286
Ion Ratio Lower Upper
112 100
64 65.2 53.1 79.7
63 33.2 26.6 40.0

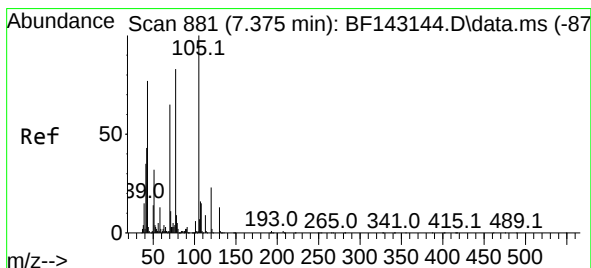
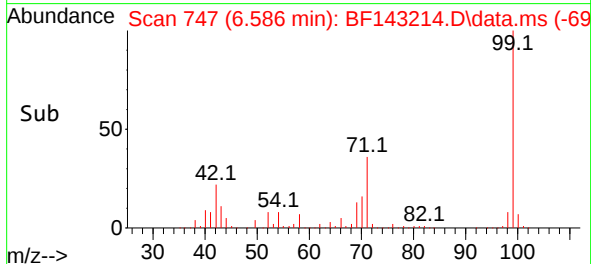
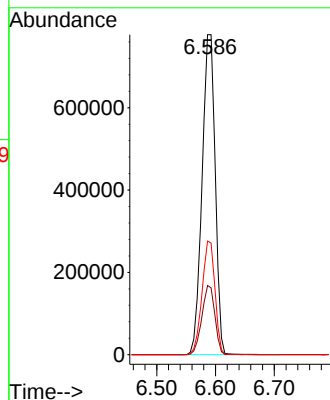
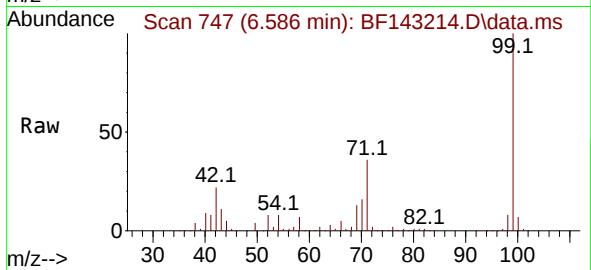




#7
Phenol-d6
Concen: 116.217 ng
RT: 6.586 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

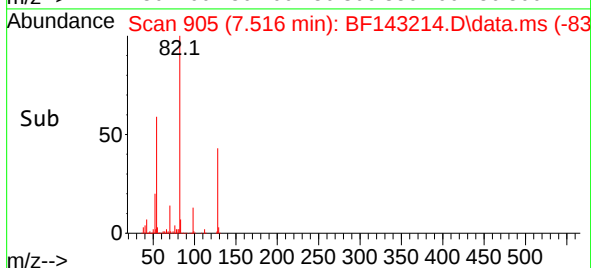
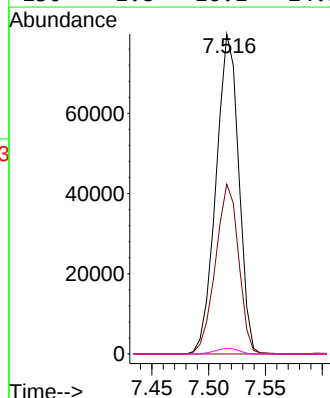
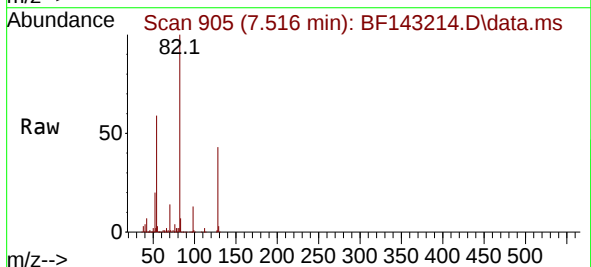
Instrument :
BNA_F
ClientSampleId :
PB168948BL

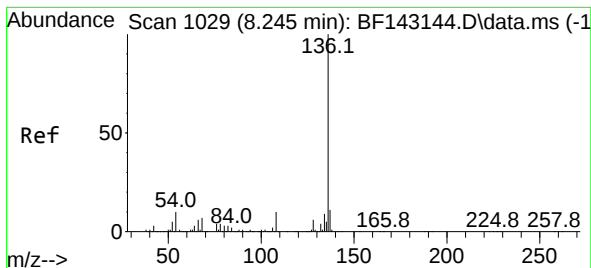
Tgt Ion: 99 Resp: 1206637
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 35.5 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.683 ng
RT: 7.516 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

Tgt Ion: 70 Resp: 111131
Ion Ratio Lower Upper
70 100
42 53.0 52.5 78.7
101 0.0 7.6 11.4#
130 1.8 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.239 min Scan# 1028

Delta R.T. -0.006 min

Lab File: BF143214.D

Acq: 23 Jul 2025 16:30

Instrument :

BNA_F

ClientSampleId :

PB168948BL

Tgt Ion:136 Resp: 502795

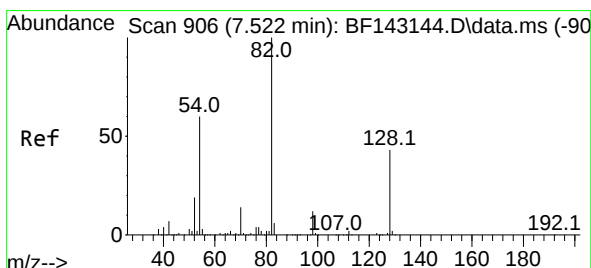
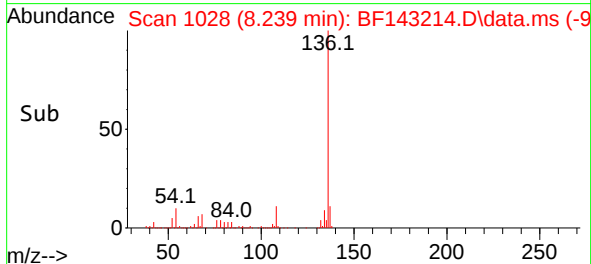
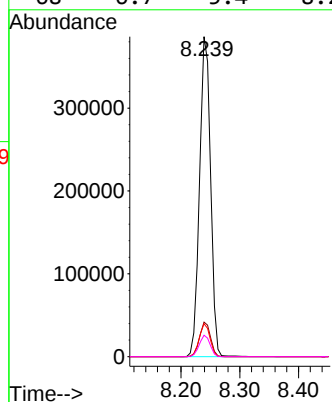
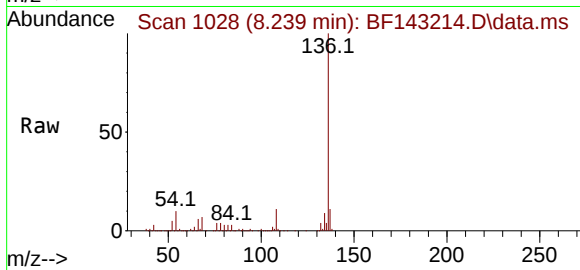
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 10.3 8.2 12.2

68 6.7 5.4 8.2



#23

Nitrobenzene-d5

Concen: 79.913 ng

RT: 7.516 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF143214.D

Acq: 23 Jul 2025 16:30

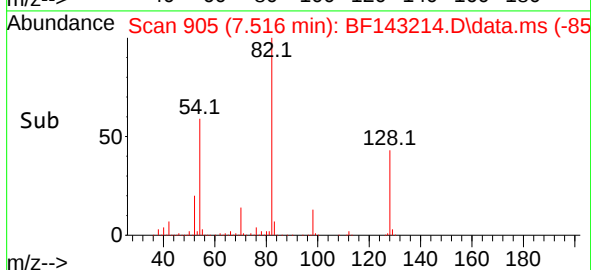
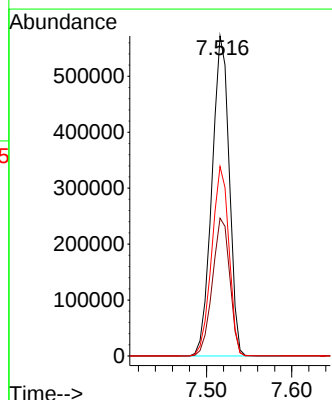
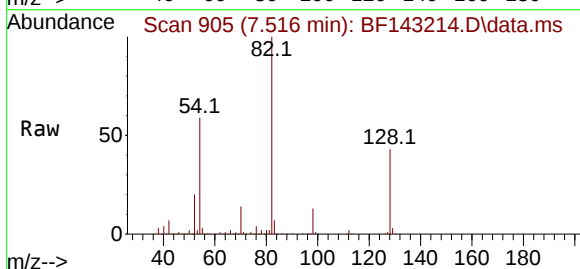
Tgt Ion: 82 Resp: 806060

Ion Ratio Lower Upper

82 100

128 43.1 33.6 50.4

54 59.2 47.1 70.7

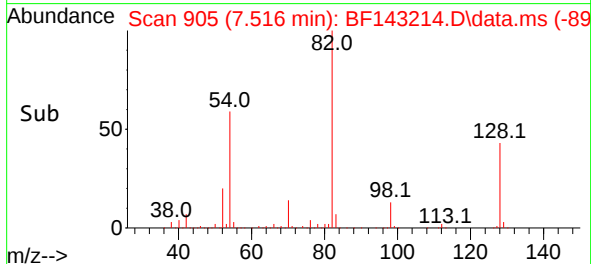
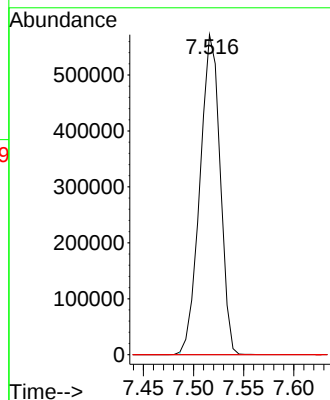
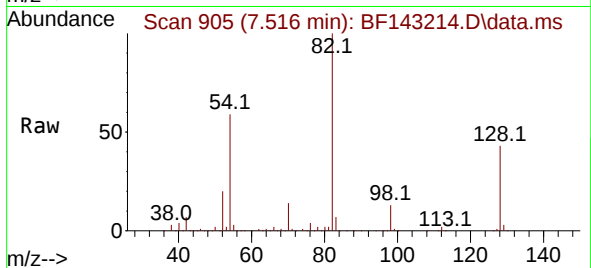




#25
Isophorone
Concen: 45.074 ng
RT: 7.516 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

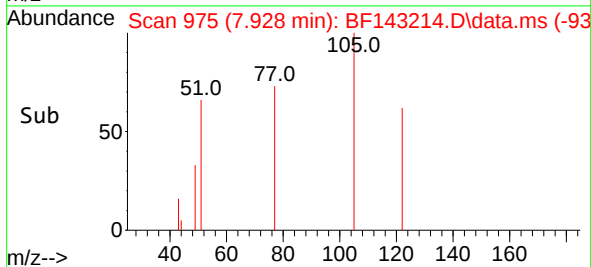
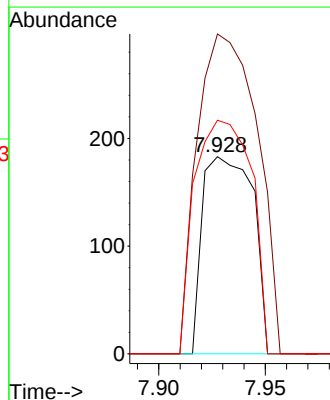
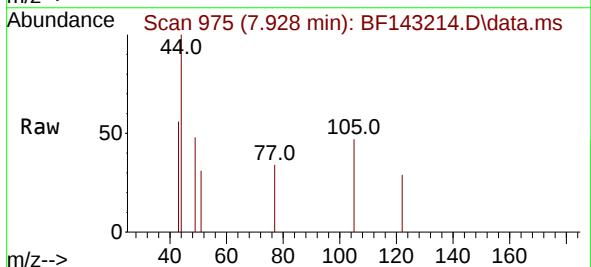
Instrument :
BNA_F
ClientSampleId :
PB168948BL

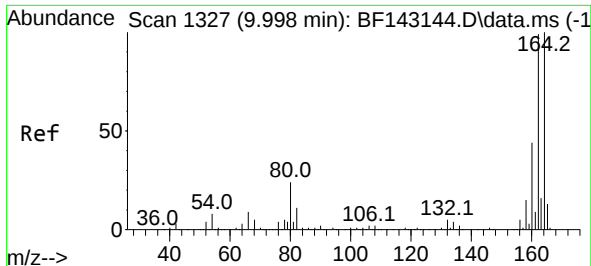
Tgt Ion: 82 Resp: 802603
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.8 20.8#



#32
Benzoic acid
Concen: 5.235 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.064 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

Tgt Ion:122 Resp: 300
Ion Ratio Lower Upper
122 100
105 162.3 104.8 144.8#
77 118.6 77.6 117.6#

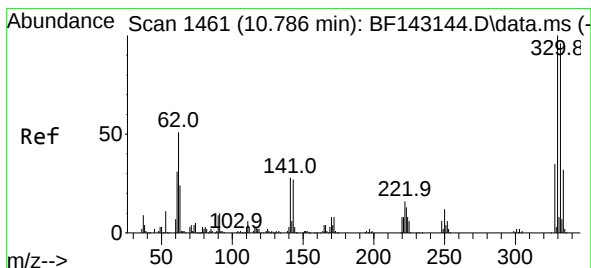
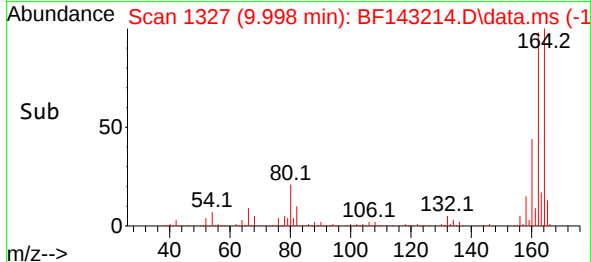
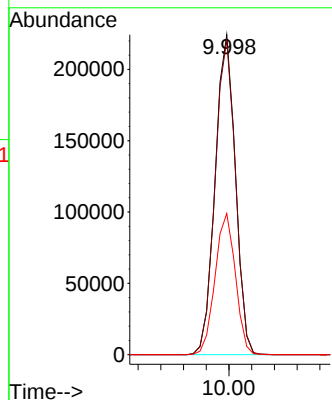
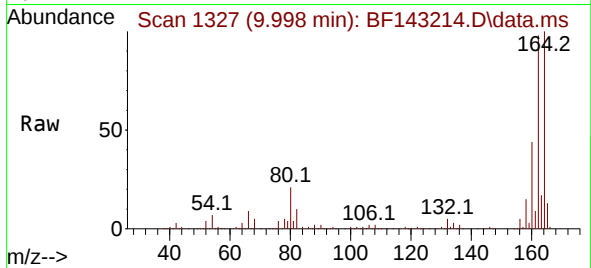




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

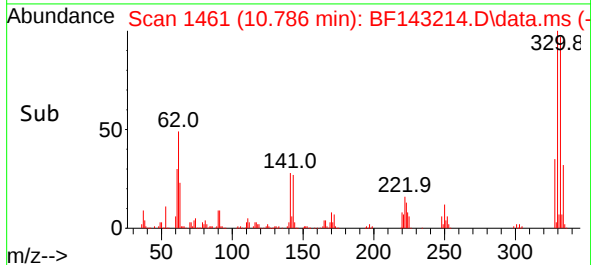
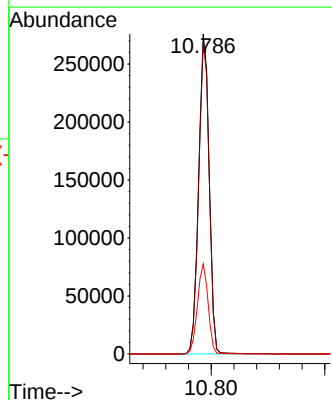
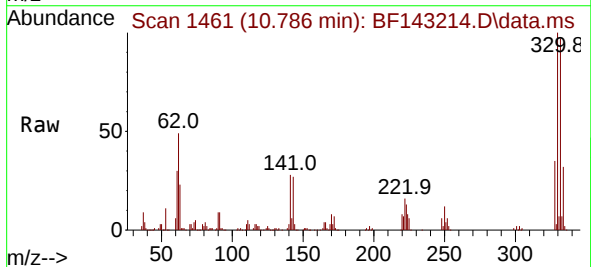
Instrument :
BNA_F
ClientSampleId :
PB168948BL

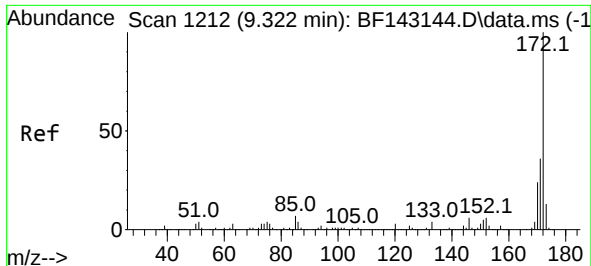
Tgt Ion:164 Resp: 278326
Ion Ratio Lower Upper
164 100
162 98.3 79.0 118.6
160 44.1 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 124.543 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

Tgt Ion:330 Resp: 358095
Ion Ratio Lower Upper
330 100
332 97.5 76.7 115.1
141 28.4 23.3 34.9

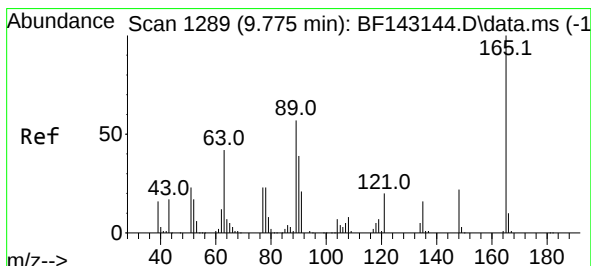
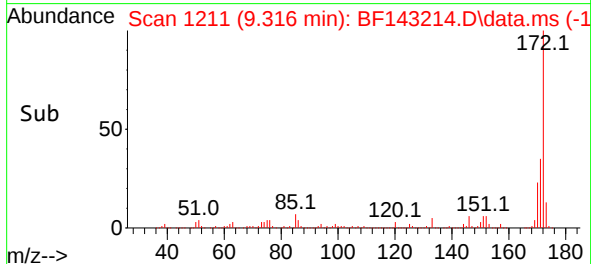
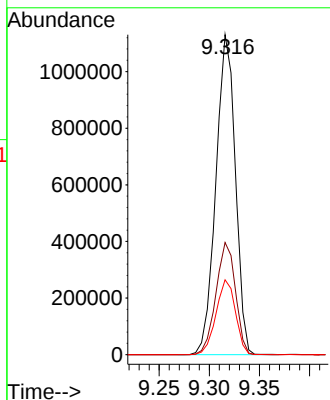
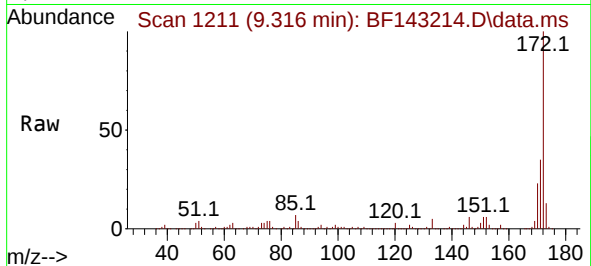




#45
2-Fluorobiphenyl
Concen: 74.828 ng
RT: 9.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

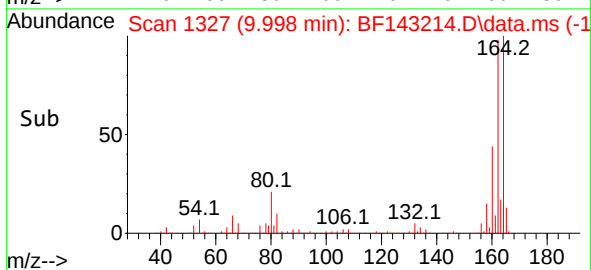
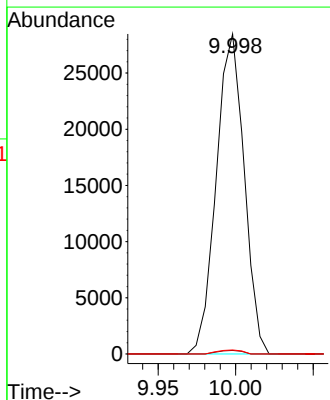
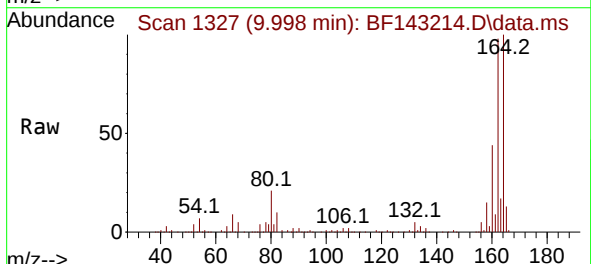
Instrument :
BNA_F
ClientSampleId :
PB168948BL

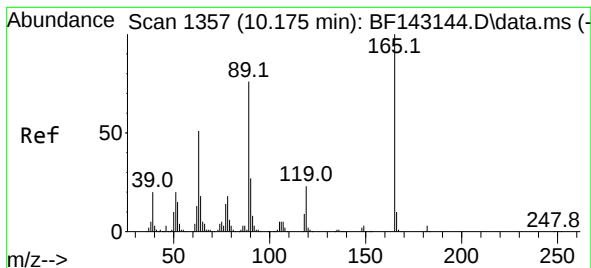
Tgt Ion:172 Resp: 1522826
Ion Ratio Lower Upper
172 100
171 35.1 28.6 42.8
170 23.4 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.651 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.223 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

Tgt Ion:165 Resp: 35619
Ion Ratio Lower Upper
165 100
63 1.1 49.4 74.2#
89 1.3 46.2 69.2#

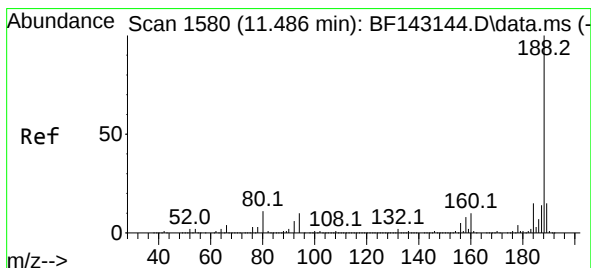
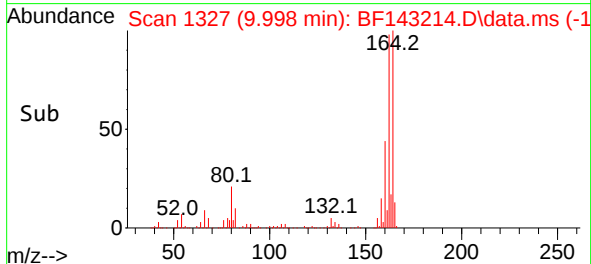
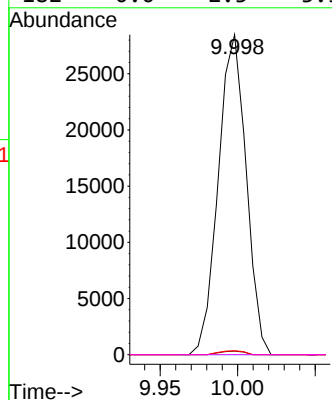
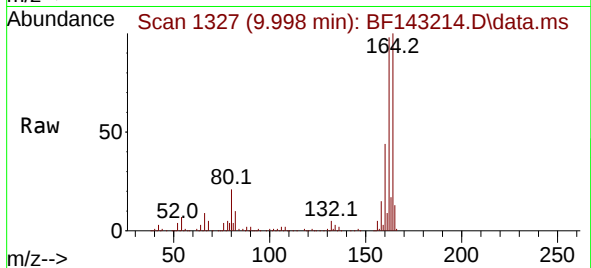




#57
2,4-Dinitrotoluene
Concen: 7.693 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.177 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

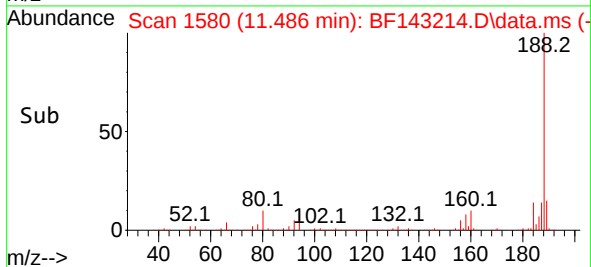
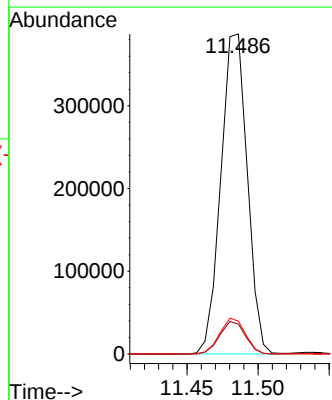
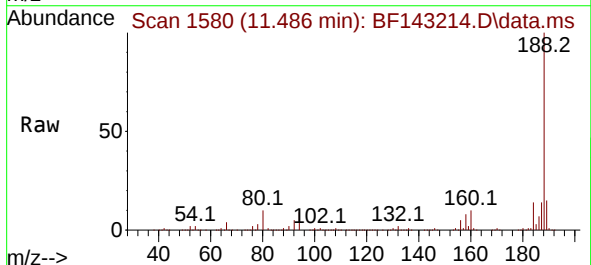
Instrument :
BNA_F
ClientSampleId :
PB168948BL

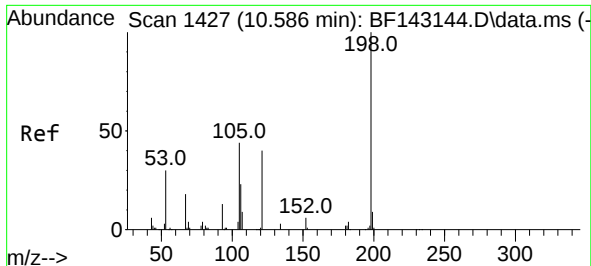
Tgt Ion:165 Resp: 35619
Ion Ratio Lower Upper
165 100
63 1.1 41.0 61.4#
89 1.3 61.1 91.7#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

Tgt Ion:188 Resp: 500788
Ion Ratio Lower Upper
188 100
94 9.3 8.3 12.5
80 10.2 9.0 13.6

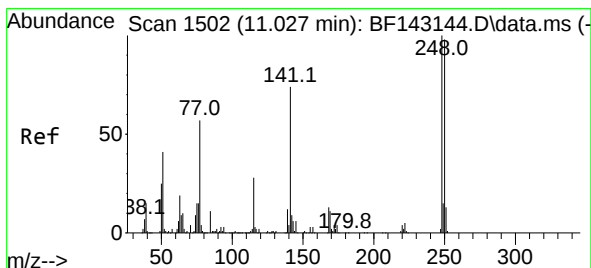
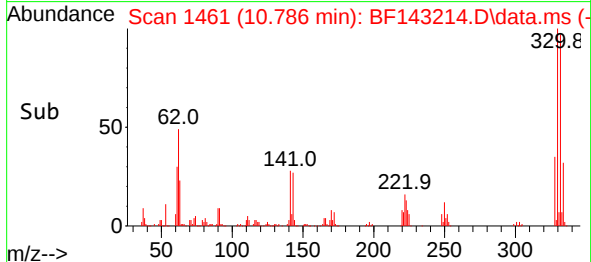
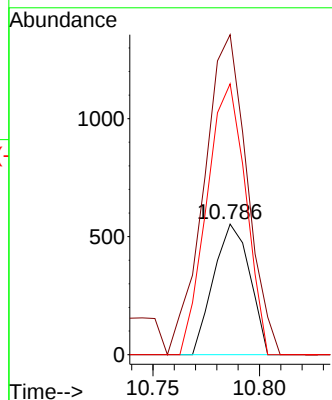
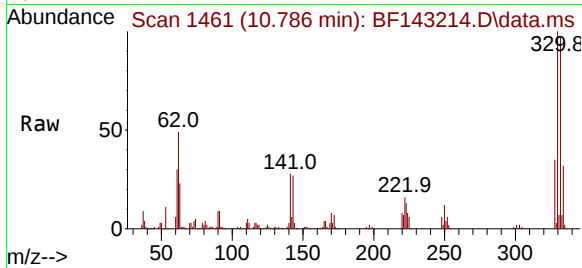




#65
4,6-Dinitro-2-methylphenol
Concen: 5.633 ng
RT: 10.786 min Scan# 1427
Delta R.T. 0.200 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

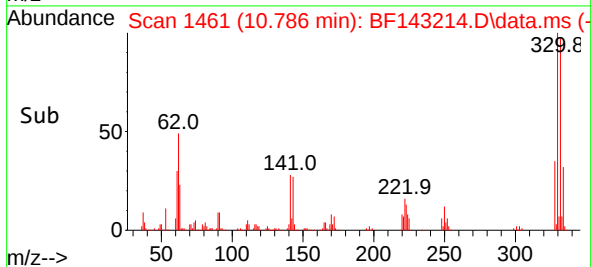
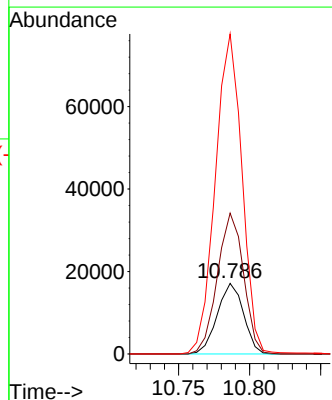
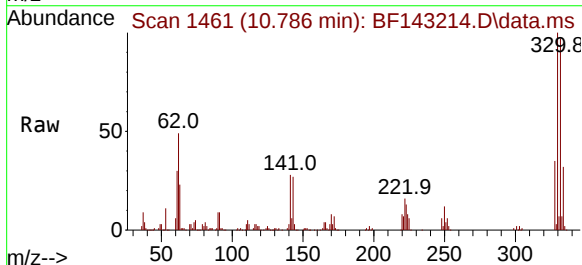
Instrument :
BNA_F
ClientSampleId :
PB168948BL

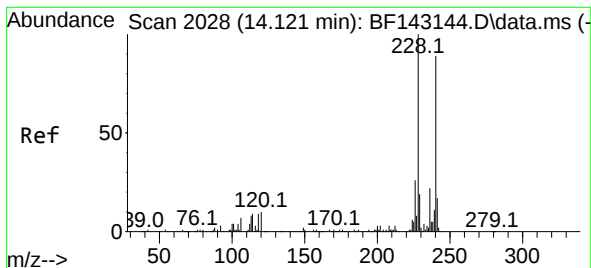
Tgt Ion:198 Resp: 653
Ion Ratio Lower Upper
198 100
51 245.2 37.2 77.2#
105 207.6 24.8 64.8#



#67
4-Bromophenyl-phenylether
Concen: 3.686 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.241 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

Tgt Ion:248 Resp: 21997
Ion Ratio Lower Upper
248 100
250 199.6 78.3 117.5#
141 453.4 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.121 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF143214.D

Acq: 23 Jul 2025 16:30

Instrument :

BNA_F

ClientSampleId :

PB168948BL

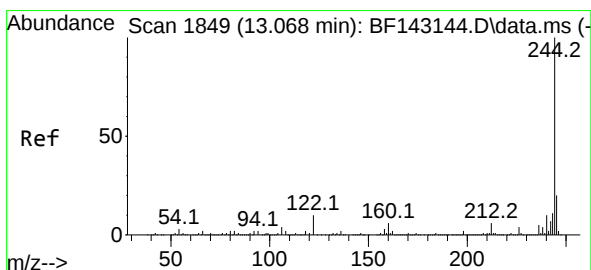
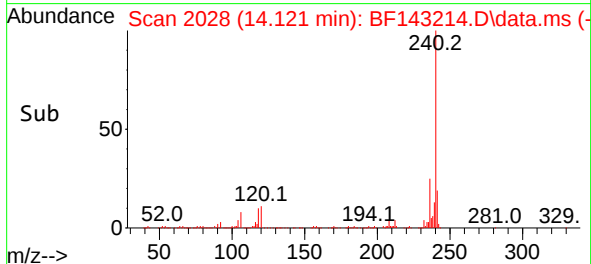
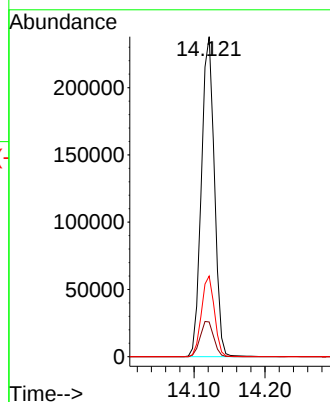
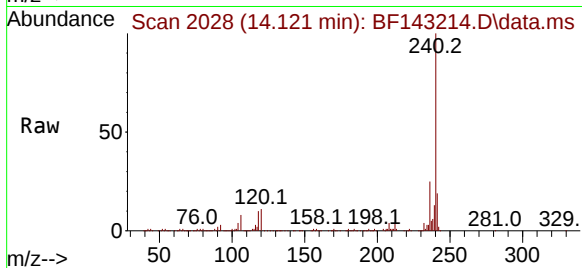
Tgt Ion:240 Resp: 303819

Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.2

236 25.2 20.2 30.4



#79

Terphenyl-d14

Concen: 80.022 ng

RT: 13.068 min Scan# 1849

Delta R.T. -0.000 min

Lab File: BF143214.D

Acq: 23 Jul 2025 16:30

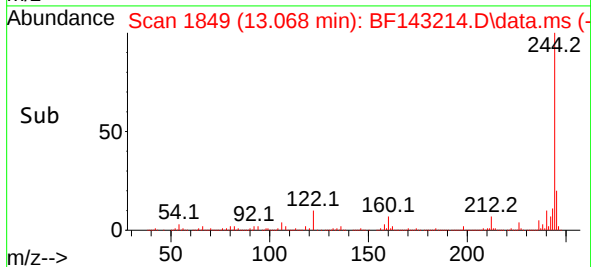
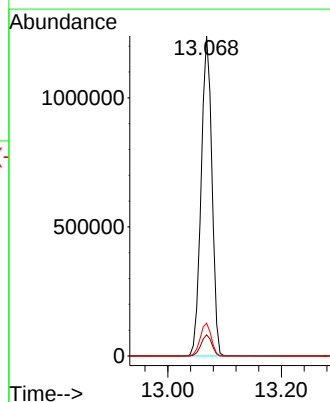
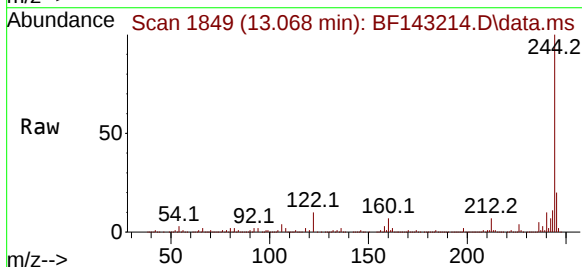
Tgt Ion:244 Resp: 1633766

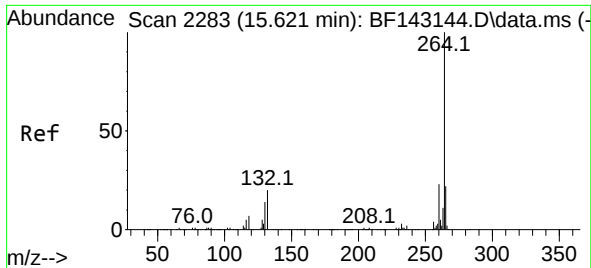
Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 10.3 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF143214.D
Acq: 23 Jul 2025 16:30

Instrument :
BNA_F
ClientSampleId :
PB168948BL

Tgt Ion:264 Resp: 276240
Ion Ratio Lower Upper
264 100
260 22.3 18.5 27.7
265 21.6 17.4 26.2

