

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
 Data File : BF143149.D
 Acq On : 17 Jul 2025 15:36
 Operator : RC/JU
 Sample : PB168813BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168813BL

Quant Time: Jul 17 16:25:39 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)

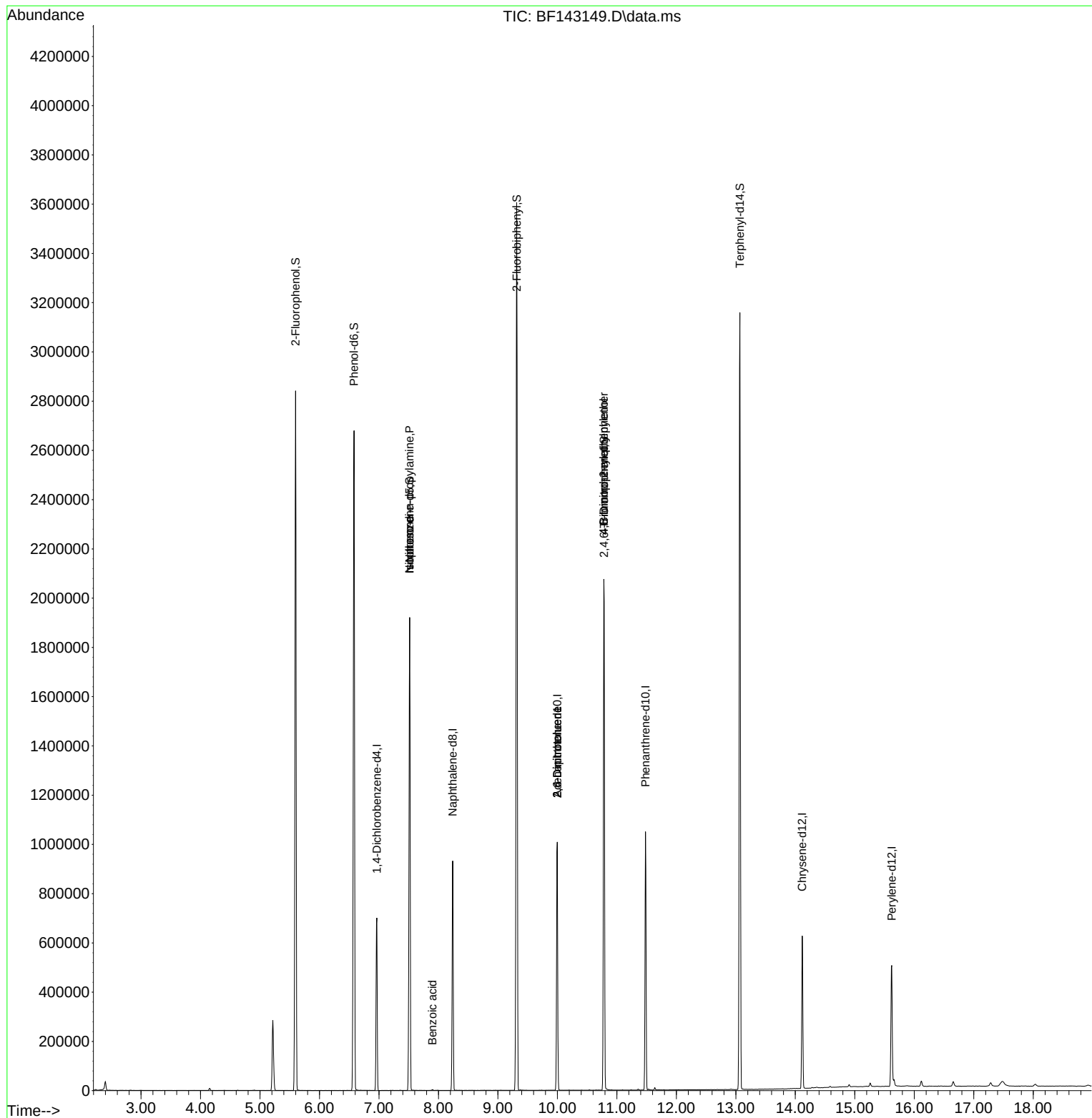
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	146767	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	569126	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	303459	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	522570	20.000	ng	0.00
76) Chrysene-d12	14.115	240	289033	20.000	ng	0.00
86) Perylene-d12	15.621	264	289854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	1070103	115.380	ng	0.01
7) Phenol-d6	6.581	99	1359950	116.496	ng	0.00
23) Nitrobenzene-d5	7.516	82	898609	78.705	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	382284	121.944	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1650294	74.375	ng	0.00
79) Terphenyl-d14	13.069	244	1591473	81.938	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.516	70	120771	16.125	ng	# 79
25) Isophorone	7.516	82	894308	44.370	ng	# 66
32) Benzoic acid	7.898	122	1058	5.356	ng	96
51) 2,6-Dinitrotoluene	9.998	165	38706	9.619	ng	# 23
57) 2,4-Dinitrotoluene	9.998	165	38706	7.667	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.780	198	753	5.656	ng	# 1
67) 4-Bromophenyl-phenylether	10.780	248	23090	3.708	ng	# 1

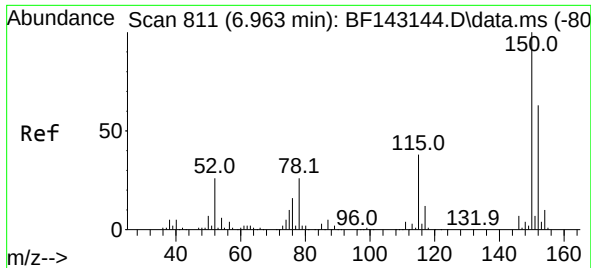
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143149.D
Acq On : 17 Jul 2025 15:36
Operator : RC/JU
Sample : PB168813BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168813BL

Quant Time: Jul 17 16:25:39 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

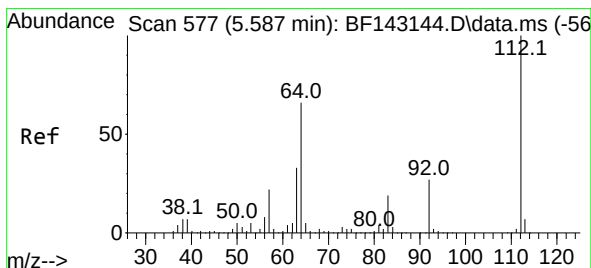
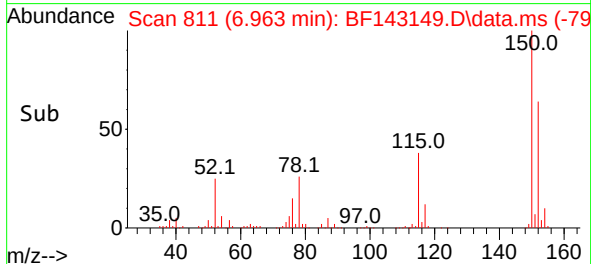
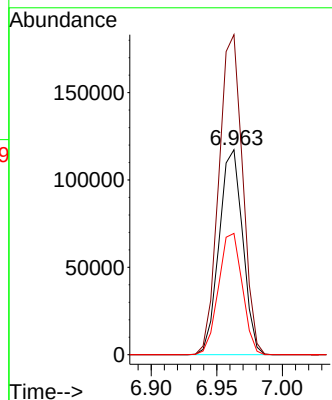
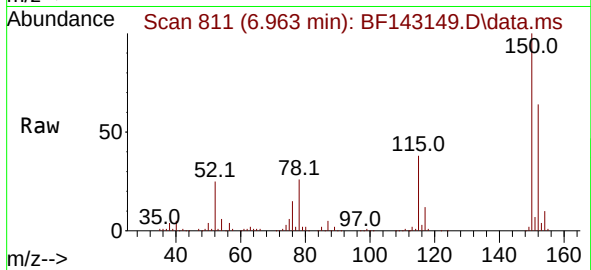




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143149.D
Acq: 17 Jul 2025 15:36

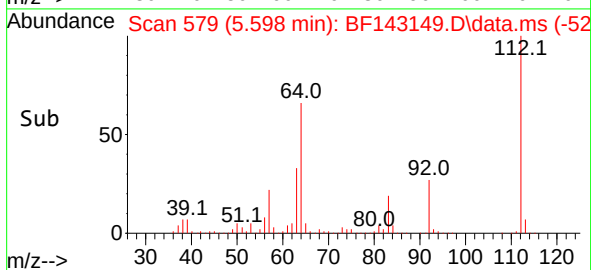
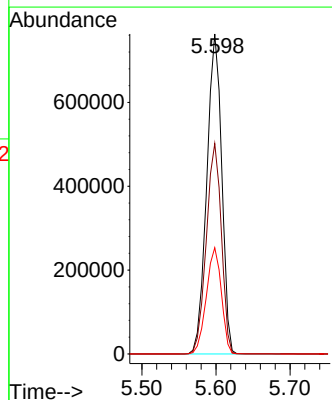
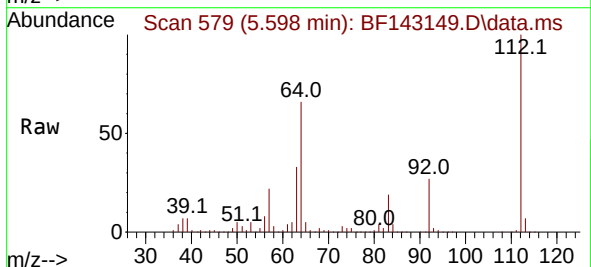
Instrument :
BNA_F
ClientSampleId :
PB168813BL

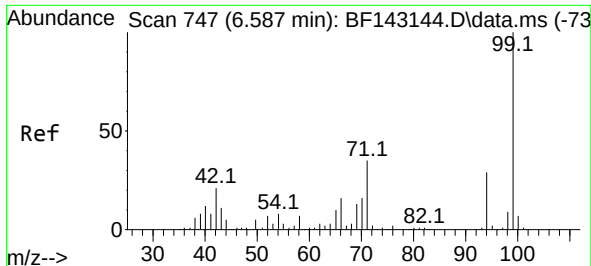
Tgt Ion:152 Resp: 146767
Ion Ratio Lower Upper
152 100
150 156.1 128.2 192.4
115 59.2 47.9 71.9



#5
2-Fluorophenol
Concen: 115.380 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143149.D
Acq: 17 Jul 2025 15:36

Tgt Ion:112 Resp: 1070103
Ion Ratio Lower Upper
112 100
64 65.8 53.1 79.7
63 33.2 26.6 40.0

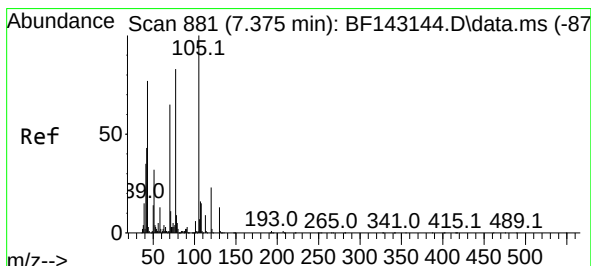
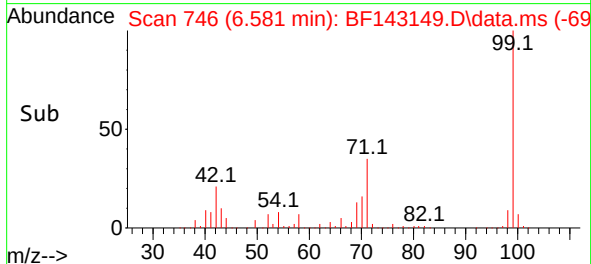
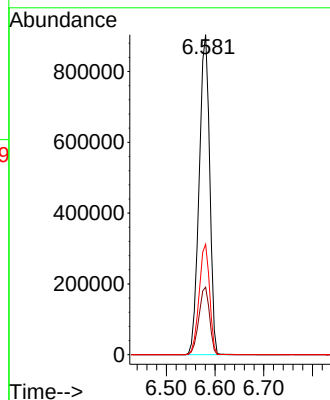
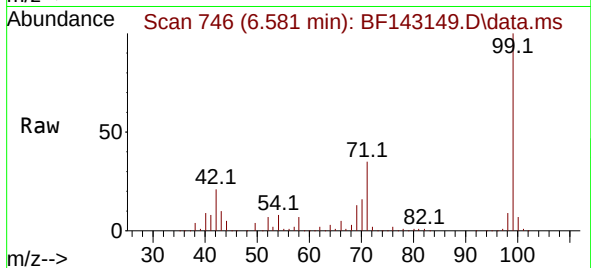




#7
Phenol-d6
Concen: 116.496 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143149.D
Acq: 17 Jul 2025 15:36

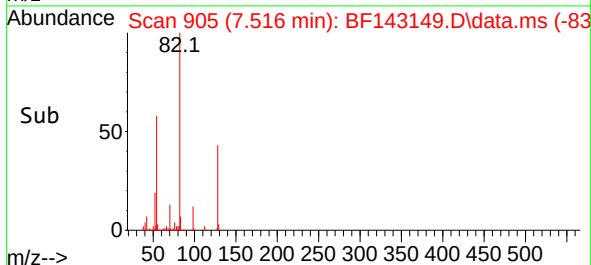
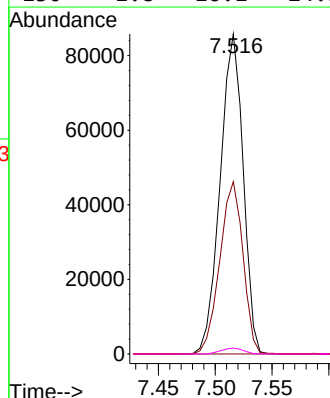
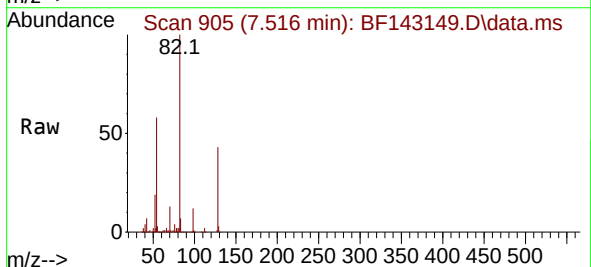
Instrument :
BNA_F
ClientSampleId :
PB168813BL

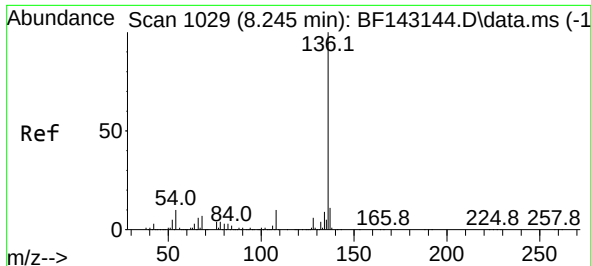
Tgt Ion: 99 Resp: 1359950
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 34.5 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.125 ng
RT: 7.516 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF143149.D
Acq: 17 Jul 2025 15:36

Tgt Ion: 70 Resp: 120771
Ion Ratio Lower Upper
70 100
42 53.9 52.5 78.7
101 0.0 7.6 11.4#
130 1.8 16.1 24.1#

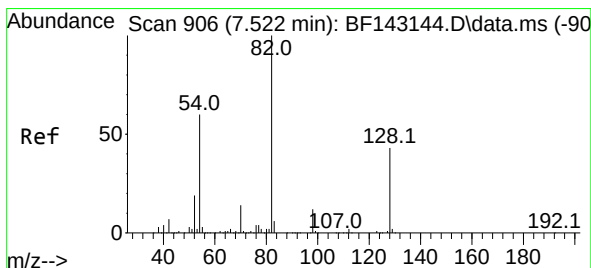
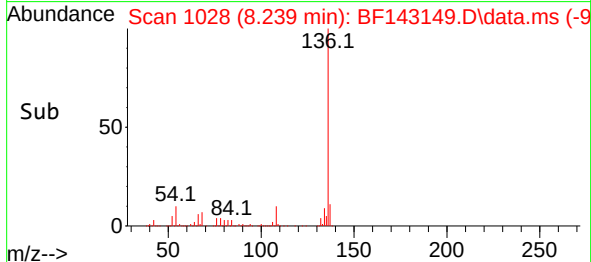
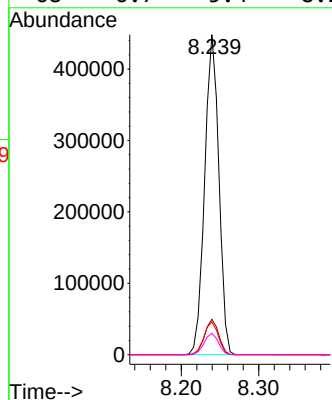
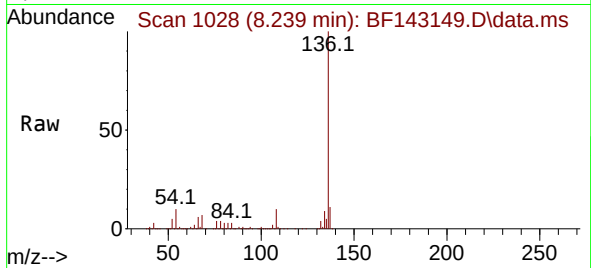




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143149.D
Acq: 17 Jul 2025 15:36

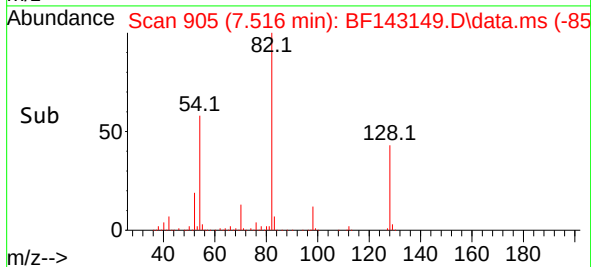
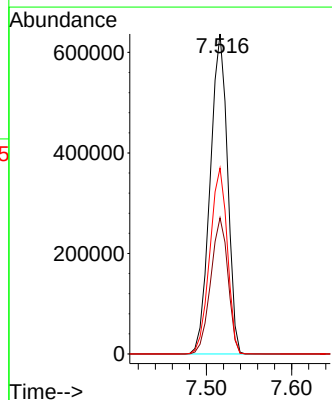
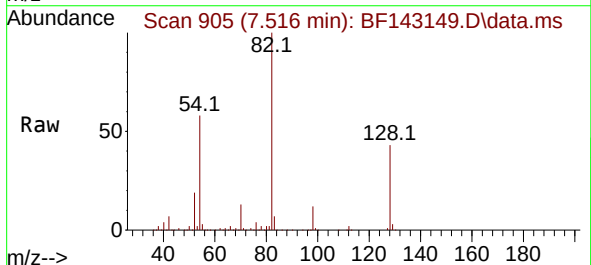
Instrument :
BNA_F
ClientSampleId :
PB168813BL

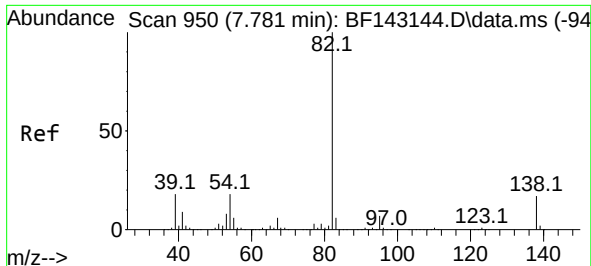
Tgt	Ion:136	Resp:	569126
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.3	8.2	12.2
68	6.7	5.4	8.2



#23
Nitrobenzene-d5
Concen: 78.705 ng
RT: 7.516 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF143149.D
Acq: 17 Jul 2025 15:36

Tgt Ion: 82	Resp: 898609
Ion Ratio	Lower Upper
82 100	
128 42.6	33.6 50.4
54 58.1	47.1 70.7

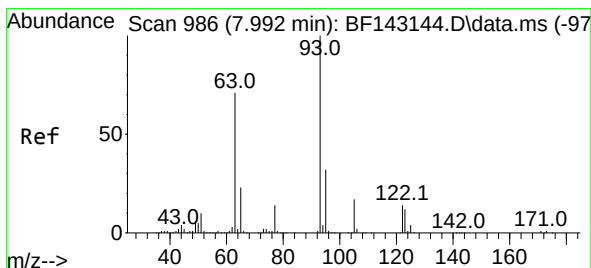
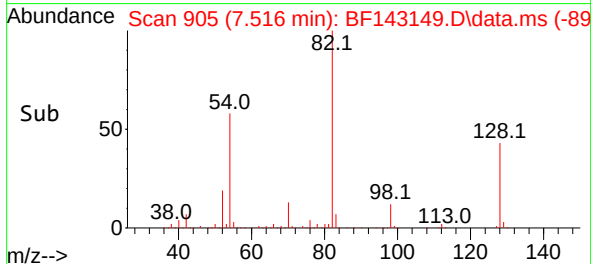
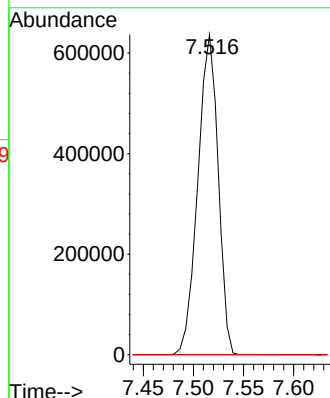
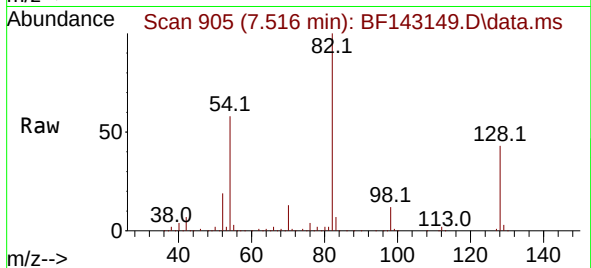




#25
Isophorone
Concen: 44.370 ng
RT: 7.516 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF143149.D
Acq: 17 Jul 2025 15:36

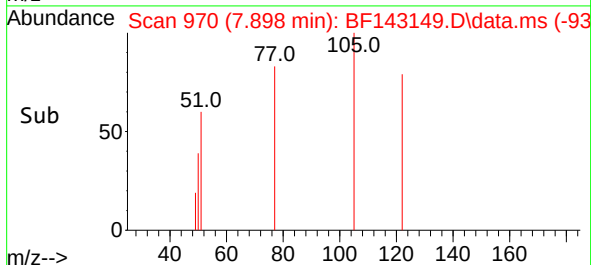
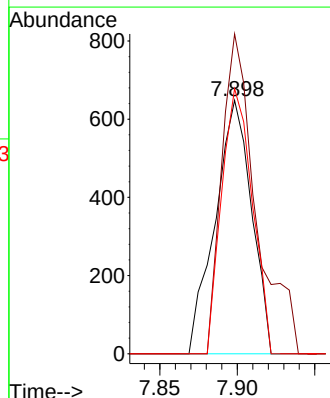
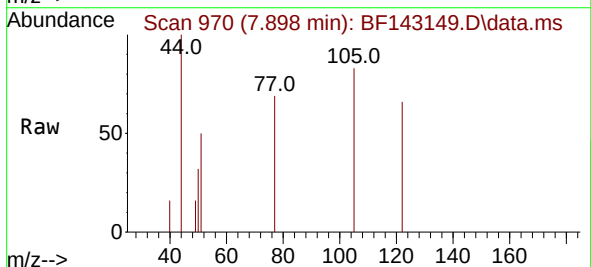
Instrument :
BNA_F
ClientSampleId :
PB168813BL

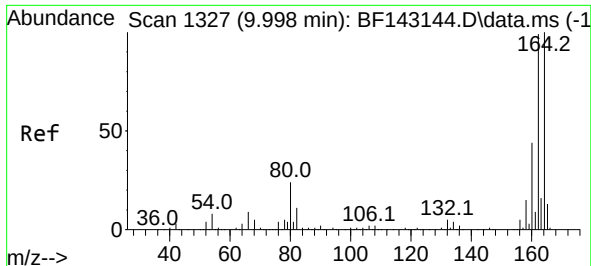
Tgt Ion: 82 Resp: 894308
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.8 20.8#



#32
Benzoic acid
Concen: 5.356 ng
RT: 7.898 min Scan# 970
Delta R.T. -0.094 min
Lab File: BF143149.D
Acq: 17 Jul 2025 15:36

Tgt Ion:122 Resp: 1058
Ion Ratio Lower Upper
122 100
105 126.2 104.8 144.8
77 104.6 77.6 117.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143149.D

Acq: 17 Jul 2025 15:36

Instrument :

BNA_F

ClientSampleId :

PB168813BL

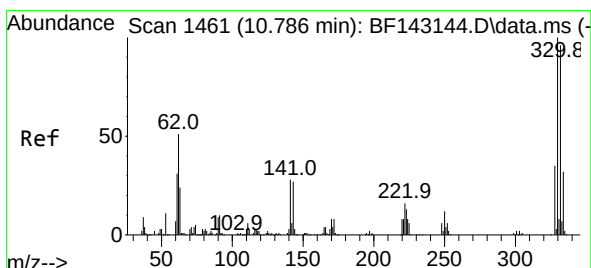
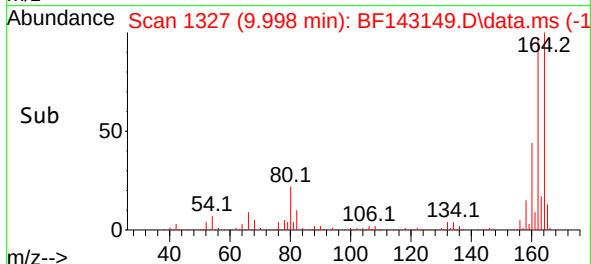
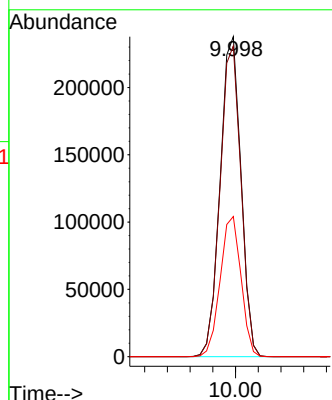
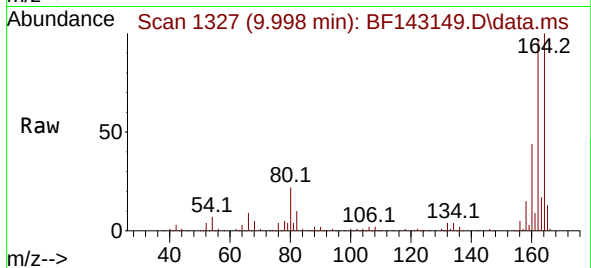
Tgt Ion:164 Resp: 303459

Ion Ratio Lower Upper

164 100

162 97.1 79.0 118.6

160 43.8 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 121.944 ng

RT: 10.786 min Scan# 1461

Delta R.T. 0.000 min

Lab File: BF143149.D

Acq: 17 Jul 2025 15:36

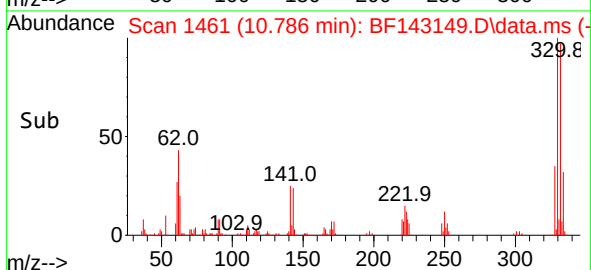
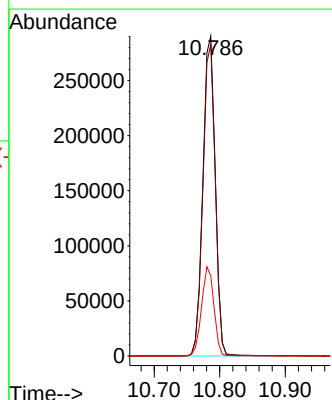
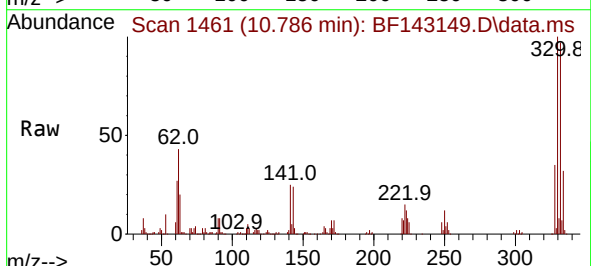
Tgt Ion:330 Resp: 382284

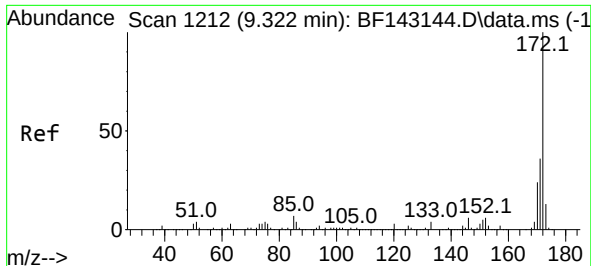
Ion Ratio Lower Upper

330 100

332 97.1 76.7 115.1

141 27.8 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 74.375 ng

RT: 9.316 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143149.D

Acq: 17 Jul 2025 15:36

Instrument :

BNA_F

ClientSampleId :

PB168813BL

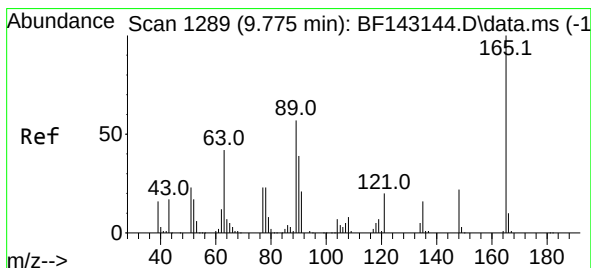
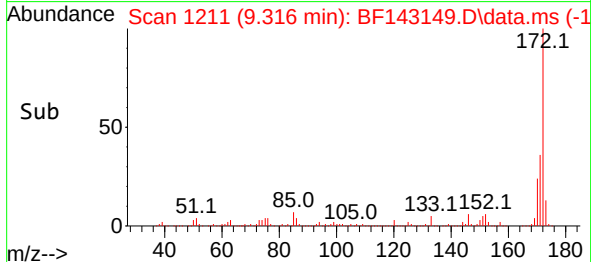
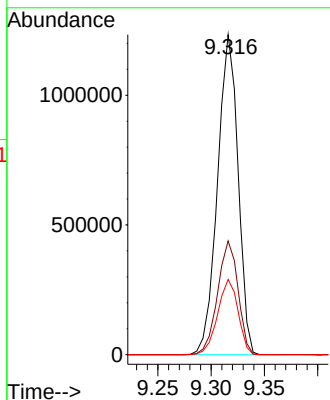
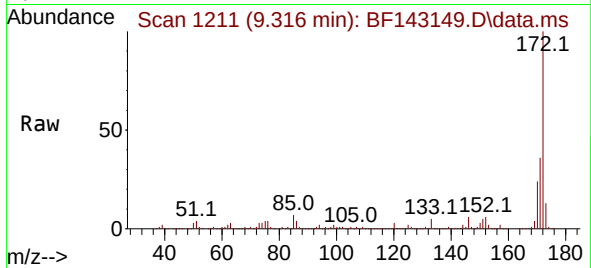
Tgt Ion:172 Resp: 1650294

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.5 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 9.619 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.224 min

Lab File: BF143149.D

Acq: 17 Jul 2025 15:36

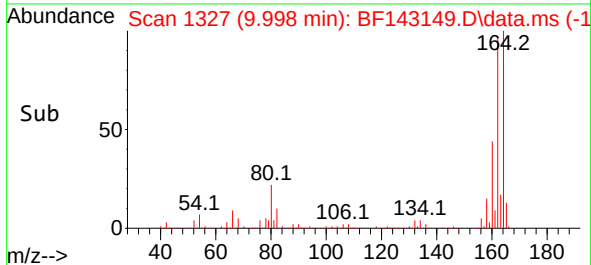
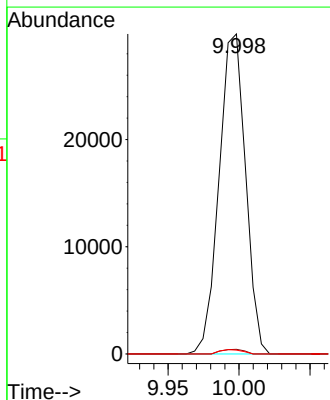
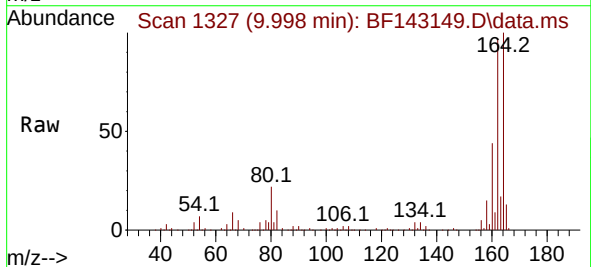
Tgt Ion:165 Resp: 38706

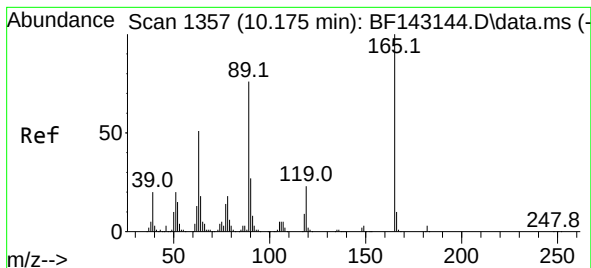
Ion Ratio Lower Upper

165 100

63 1.5 49.4 74.2#

89 1.2 46.2 69.2#

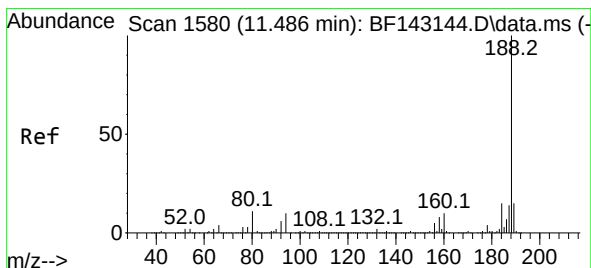
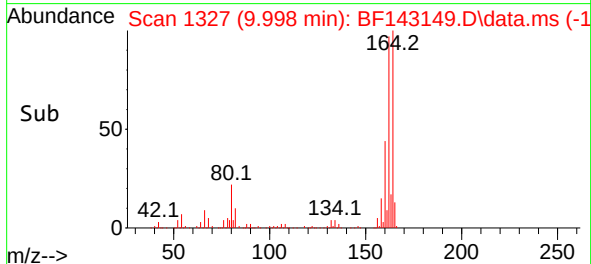
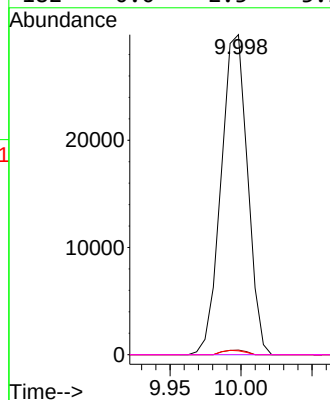
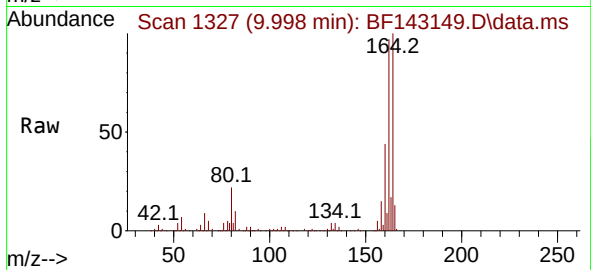




#57
2,4-Dinitrotoluene
Concen: 7.667 ng
RT: 9.998 min Scan# 11
Delta R.T. -0.176 min
Lab File: BF143149.D
Acq: 17 Jul 2025 15:36

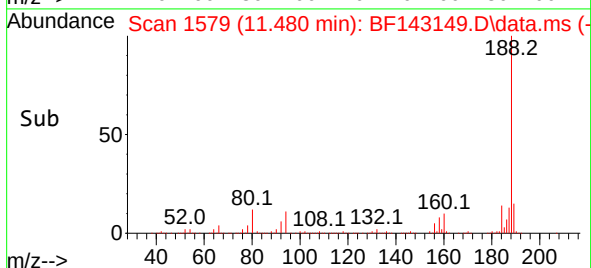
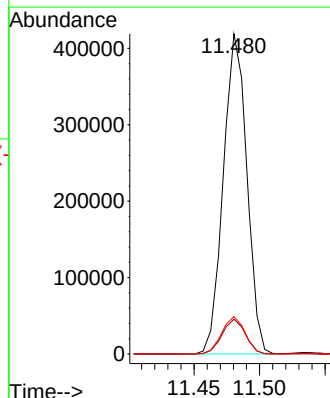
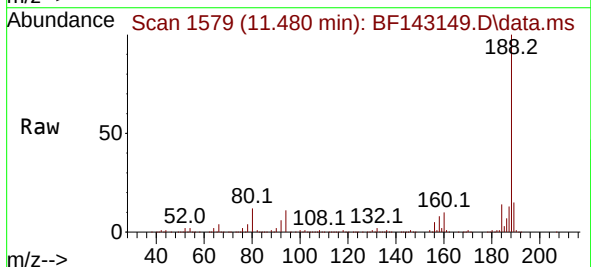
Instrument :
BNA_F
ClientSampleId :
PB168813BL

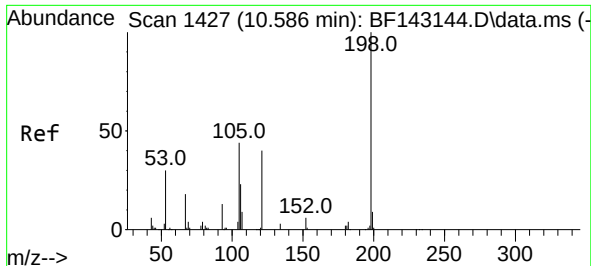
Tgt Ion:165 Resp: 38706
Ion Ratio Lower Upper
165 100
63 1.5 41.0 61.4#
89 1.2 61.1 91.7#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143149.D
Acq: 17 Jul 2025 15:36

Tgt Ion:188 Resp: 522570
Ion Ratio Lower Upper
188 100
94 10.8 8.3 12.5
80 11.7 9.0 13.6

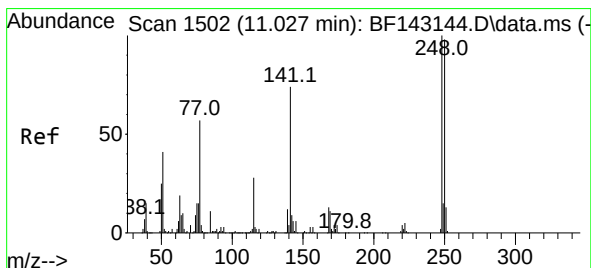
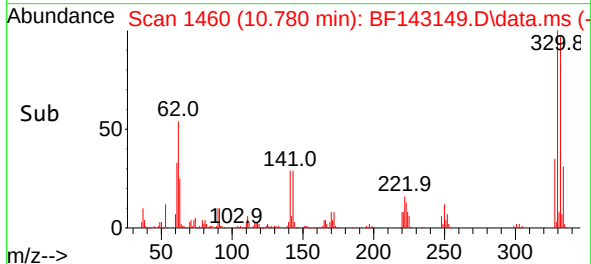
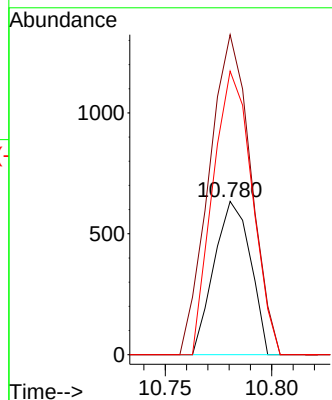
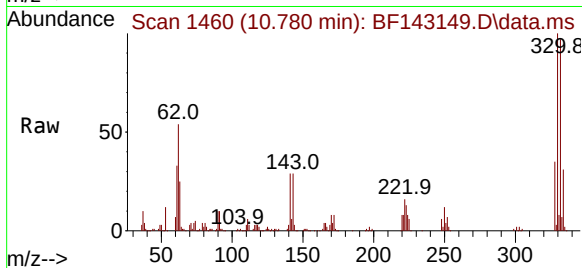




#65
4,6-Dinitro-2-methylphenol
Concen: 5.656 ng
RT: 10.780 min Scan# 1427
Delta R.T. 0.194 min
Lab File: BF143149.D
Acq: 17 Jul 2025 15:36

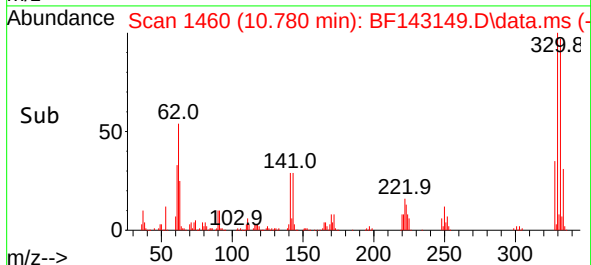
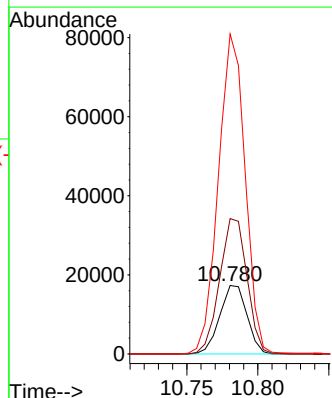
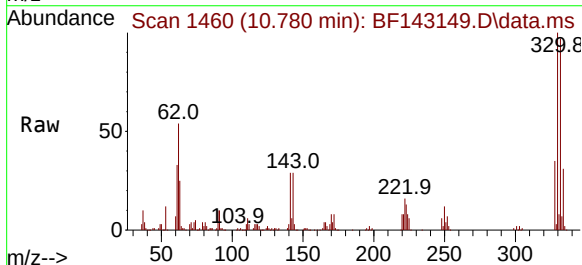
Instrument :
BNA_F
ClientSampleId :
PB168813BL

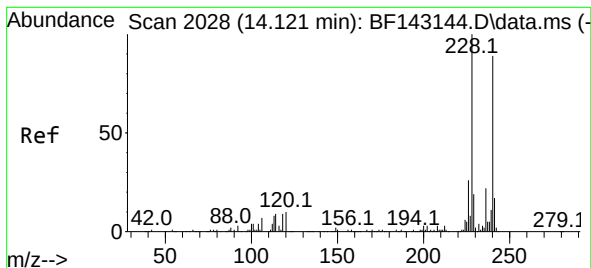
Tgt Ion:198 Resp: 753
Ion Ratio Lower Upper
198 100
51 208.8 37.2 77.2#
105 185.0 24.8 64.8#



#67
4-Bromophenyl-phenylether
Concen: 3.708 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF143149.D
Acq: 17 Jul 2025 15:36

Tgt Ion:248 Resp: 23090
Ion Ratio Lower Upper
248 100
250 197.6 78.3 117.5#
141 467.2 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.115 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF143149.D

Acq: 17 Jul 2025 15:36

Instrument :

BNA_F

ClientSampleId :

PB168813BL

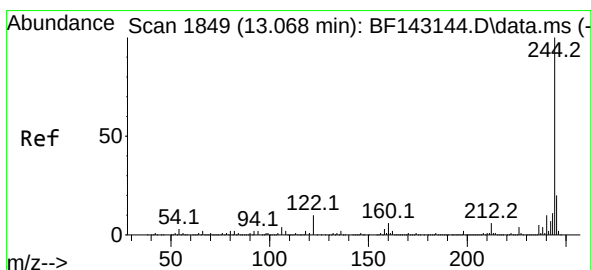
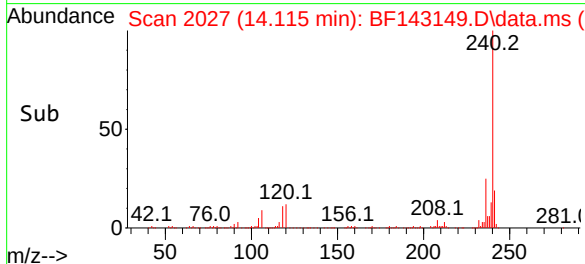
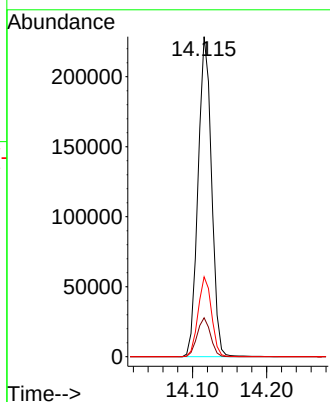
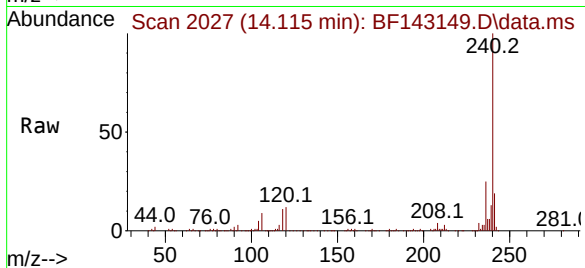
Tgt Ion:240 Resp: 289033

Ion Ratio Lower Upper

240 100

120 12.1 9.4 14.2

236 25.0 20.2 30.4



#79

Terphenyl-d14

Concen: 81.938 ng

RT: 13.069 min Scan# 1849

Delta R.T. 0.000 min

Lab File: BF143149.D

Acq: 17 Jul 2025 15:36

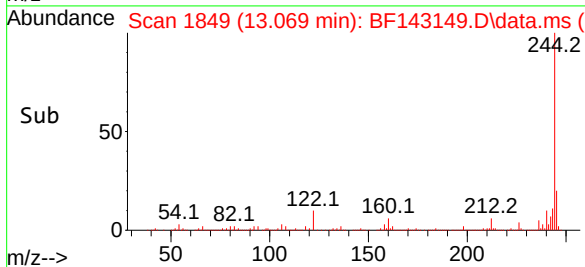
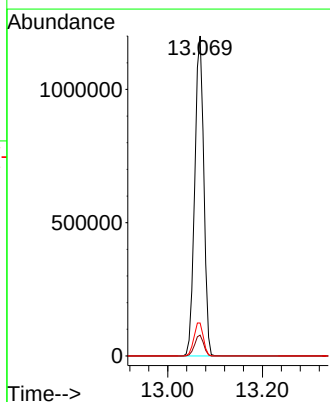
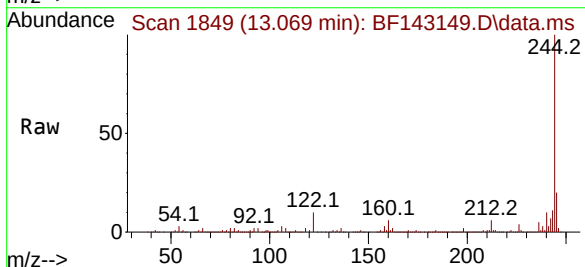
Tgt Ion:244 Resp: 1591473

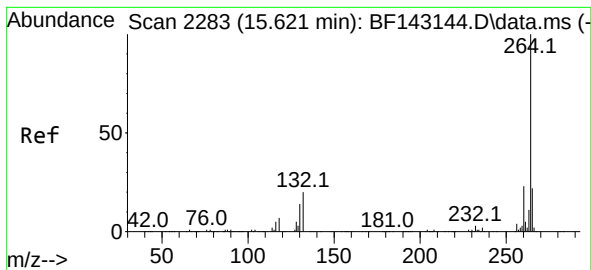
Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

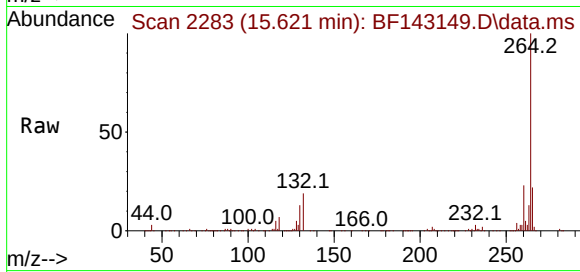
122 10.3 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143149.D
Acq: 17 Jul 2025 15:36

Instrument :
BNA_F
ClientSampleId :
PB168813BL



Tgt Ion:264 Resp: 289854

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.6	17.4	26.2

