

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
 Data File : BF143228.D
 Acq On : 24 Jul 2025 12:33
 Operator : RC/JU
 Sample : Q2668-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Jul 24 13:03:21 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)

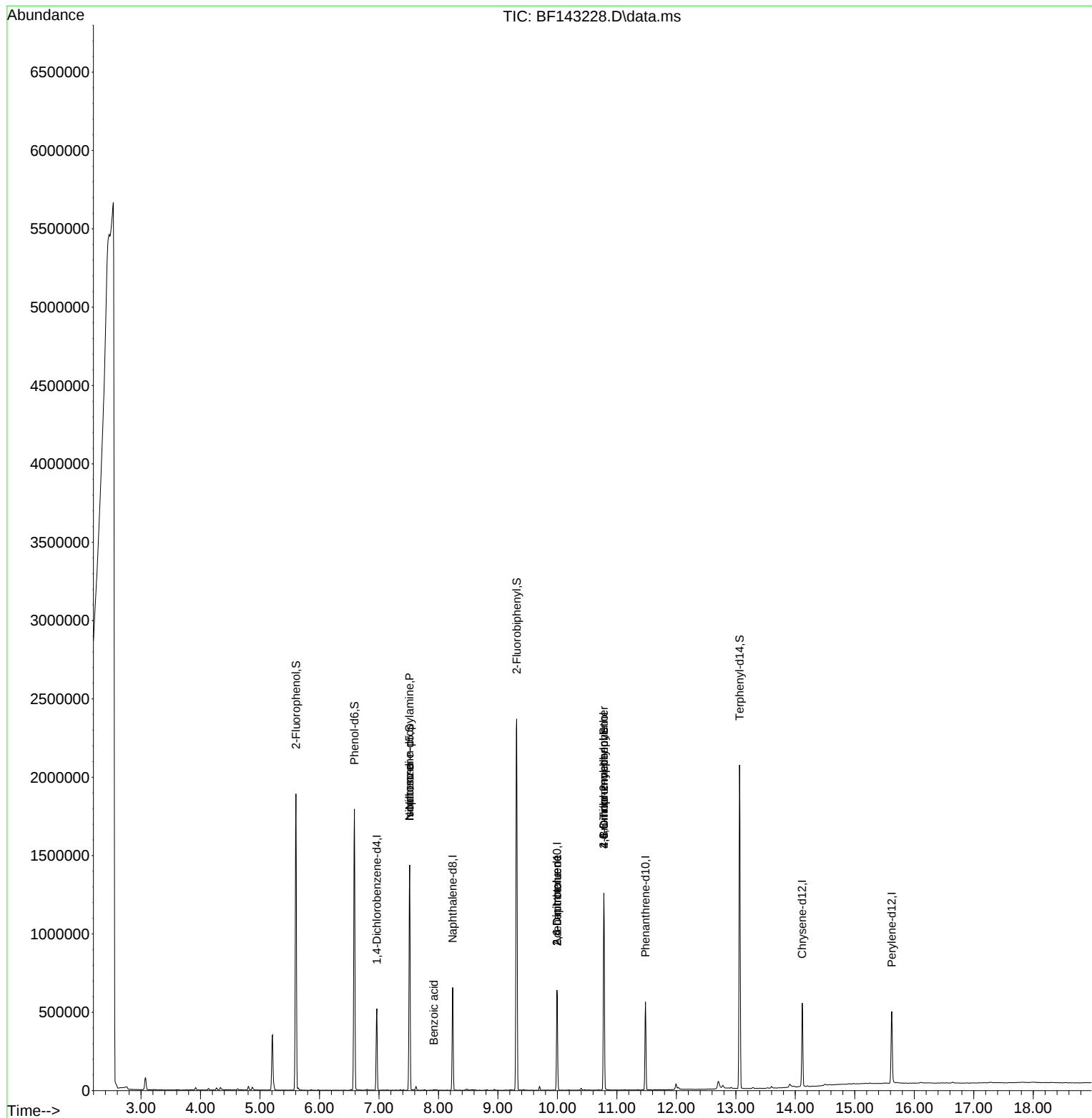
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	105213	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	389573	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	188060	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	276782	20.000	ng	0.00
76) Chrysene-d12	14.116	240	249381	20.000	ng	0.00
86) Perylene-d12	15.621	264	263516	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	691737	104.041	ng	0.02
7) Phenol-d6	6.587	99	819841	97.966	ng	0.00
23) Nitrobenzene-d5	7.516	82	622126	79.603	ng	0.00
42) 2,4,6-Tribromophenol	10.780	330	214093	110.200	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1094655	79.606	ng	0.00
79) Terphenyl-d14	13.063	244	990668	59.115	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.516	70	85317	15.891	ng	# 78
25) Isophorone	7.516	82	618803	44.852	ng	# 66
32) Benzoic acid	7.922	122	1564	5.562	ng	# 85
51) 2,6-Dinitrotoluene	9.992	165	23732	9.517	ng	# 23
57) 2,4-Dinitrotoluene	9.992	165	23732	7.586	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.780	198	378	5.644	ng	# 1
67) 4-Bromophenyl-phenylether	10.780	248	14040	4.256	ng	# 1

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

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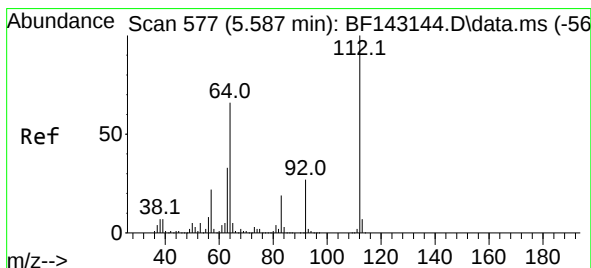
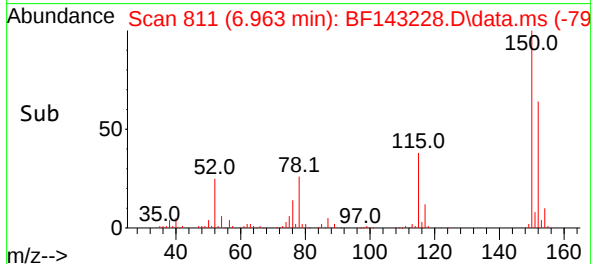
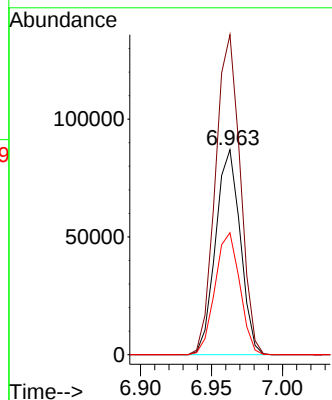
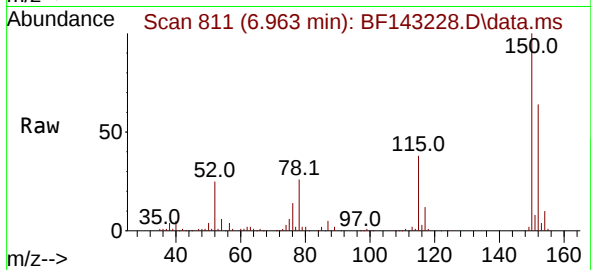




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF143228.D
 Acq: 24 Jul 2025 12:33

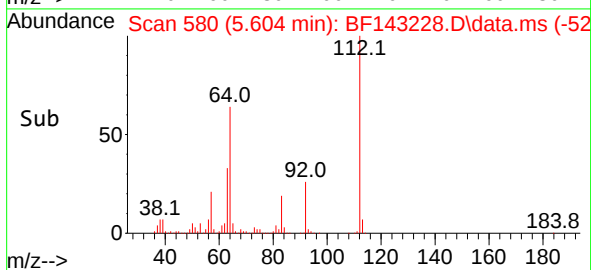
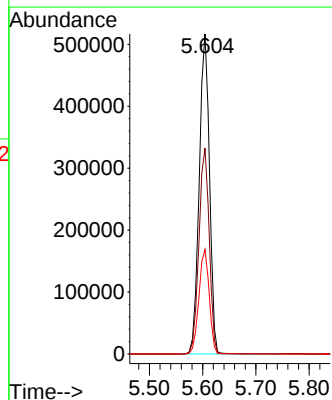
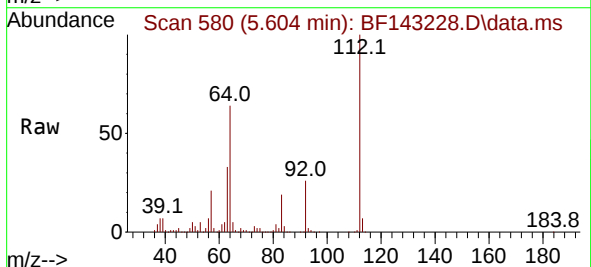
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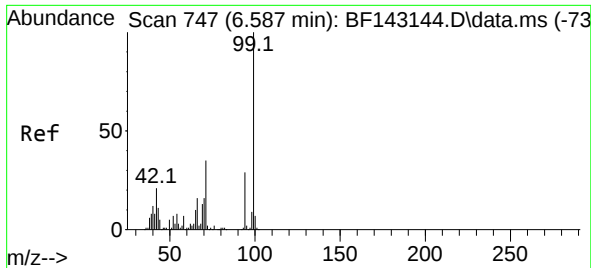
Tgt Ion:152 Resp: 105213
 Ion Ratio Lower Upper
 152 100
 150 156.1 128.2 192.4
 115 59.5 47.9 71.9



#5
 2-Fluorophenol
 Concen: 104.041 ng
 RT: 5.604 min Scan# 580
 Delta R.T. 0.018 min
 Lab File: BF143228.D
 Acq: 24 Jul 2025 12:33

Tgt Ion:112 Resp: 691737
 Ion Ratio Lower Upper
 112 100
 64 64.3 53.1 79.7
 63 32.6 26.6 40.0

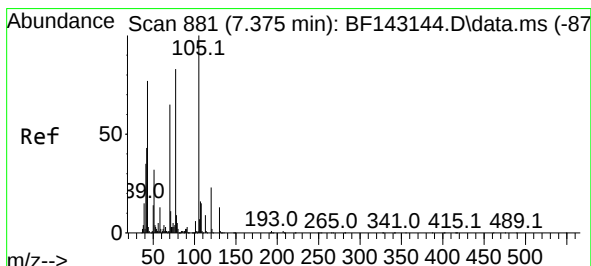
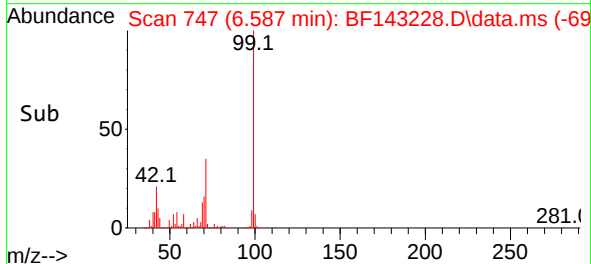
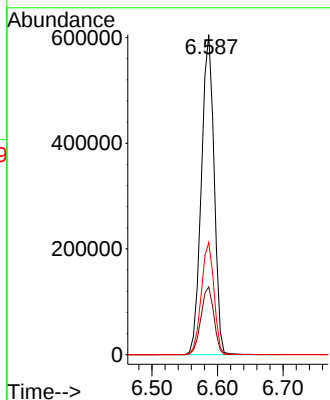
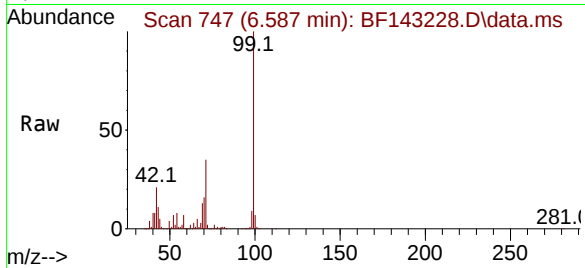




#7
Phenol-d6
Concen: 97.966 ng
RT: 6.587 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF143228.D
Acq: 24 Jul 2025 12:33

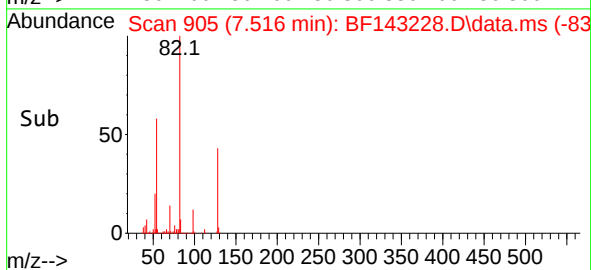
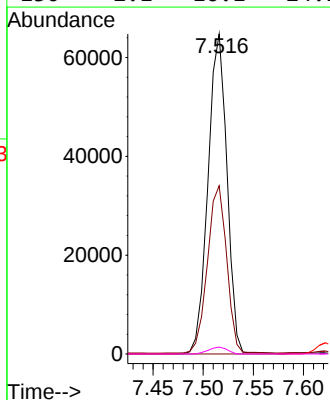
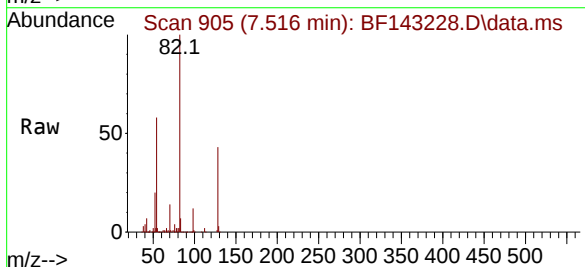
Instrument :
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Tgt Ion:	99	Resp:	819841
Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.0	25.6
71	35.1	27.7	41.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.891 ng
RT: 7.516 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF143228.D
Acq: 24 Jul 2025 12:33

Tgt Ion:	70	Resp:	85317
Ion	Ratio	Lower	Upper
70	100		
42	52.6	52.5	78.7
101	0.0	7.6	11.4#
130	2.1	16.1	24.1#



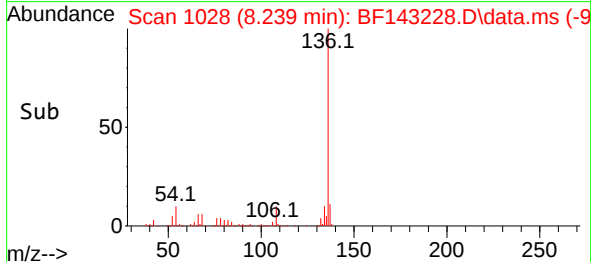
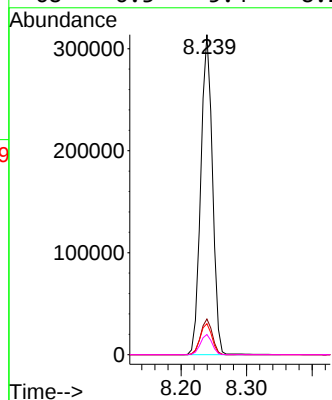
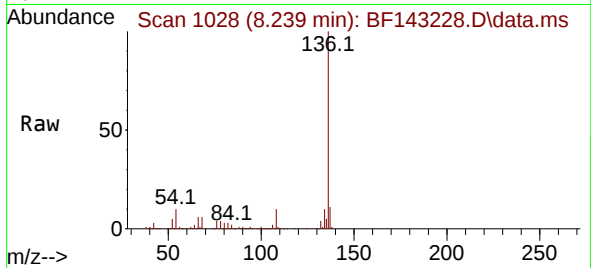


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143228.D
Acq: 24 Jul 2025 12:33

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:136 Resp: 389573

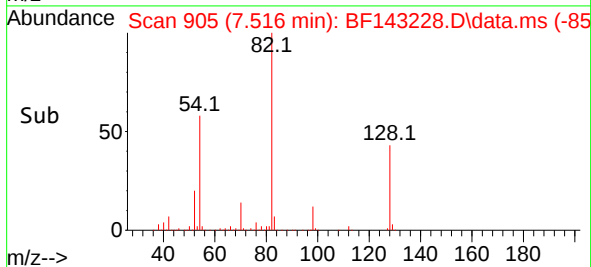
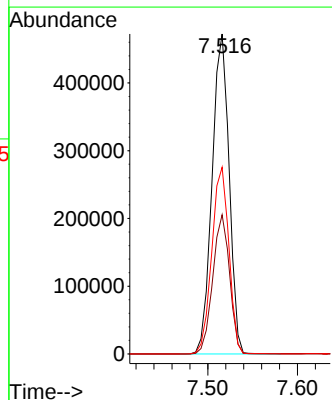
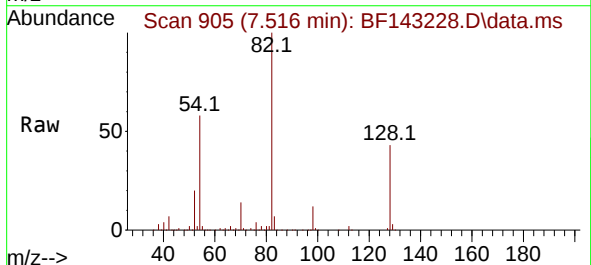
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.7	8.2	12.2
68	6.3	5.4	8.2



#23
Nitrobenzene-d5
Concen: 79.603 ng
RT: 7.516 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF143228.D
Acq: 24 Jul 2025 12:33

Tgt Ion: 82 Resp: 622126

Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.6	50.4
54	58.3	47.1	70.7

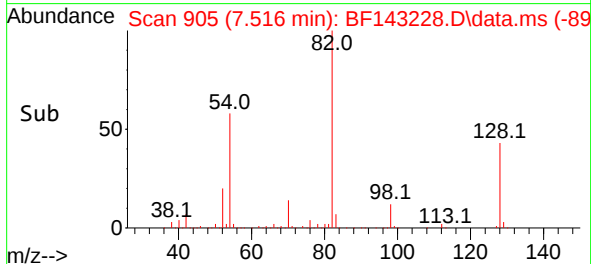
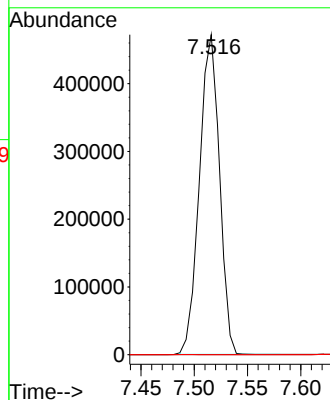
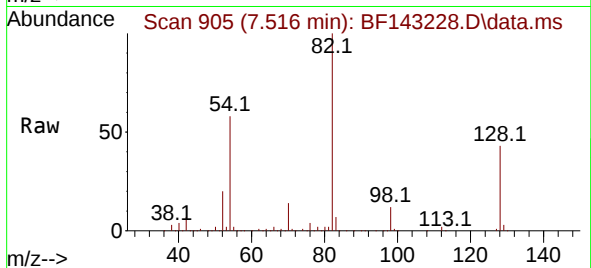




#25
Isophorone
Concen: 44.852 ng
RT: 7.516 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF143228.D
Acq: 24 Jul 2025 12:33

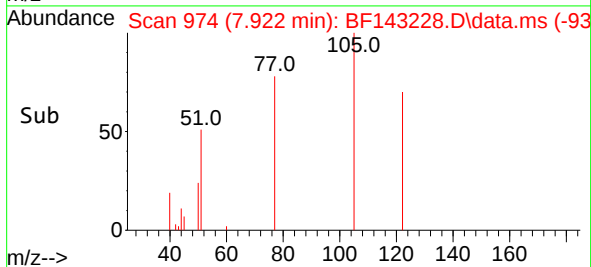
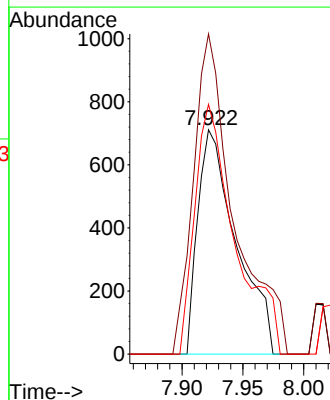
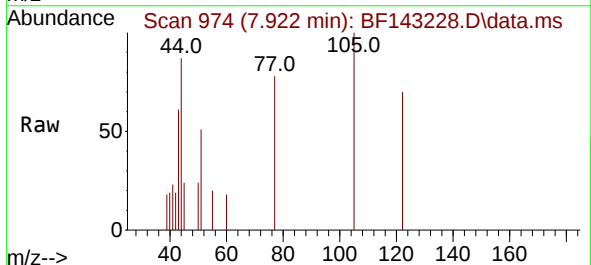
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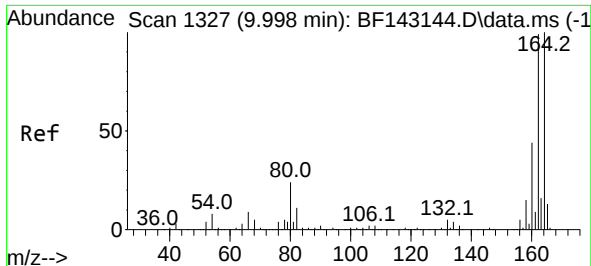
Tgt Ion: 82 Resp: 618803
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.8 20.8#



#32
Benzoic acid
Concen: 5.562 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.070 min
Lab File: BF143228.D
Acq: 24 Jul 2025 12:33

Tgt Ion:122 Resp: 1564
Ion Ratio Lower Upper
122 100
105 142.8 104.8 144.8
77 111.4 77.6 117.6

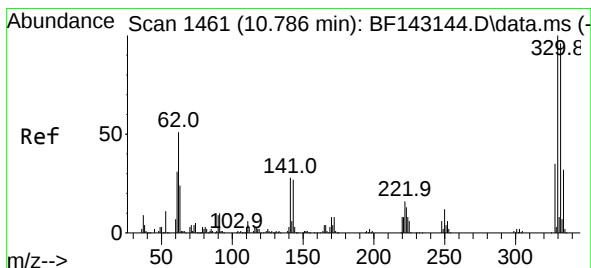
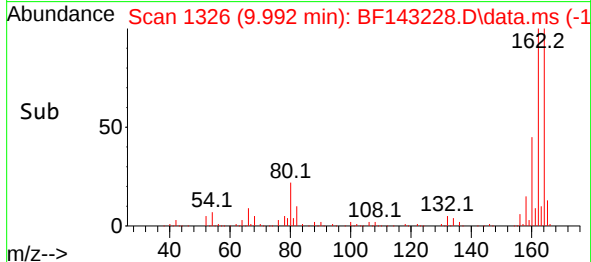
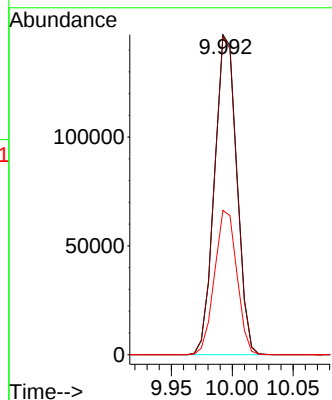
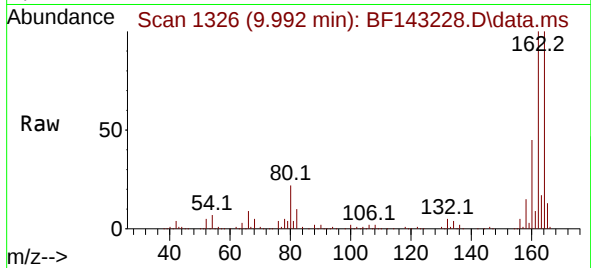




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143228.D
Acq: 24 Jul 2025 12:33

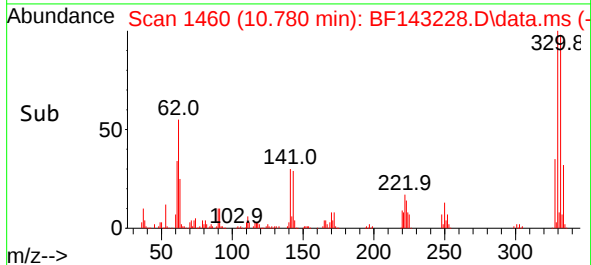
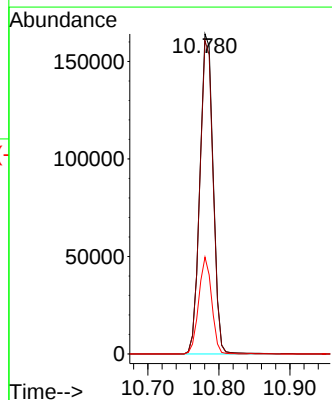
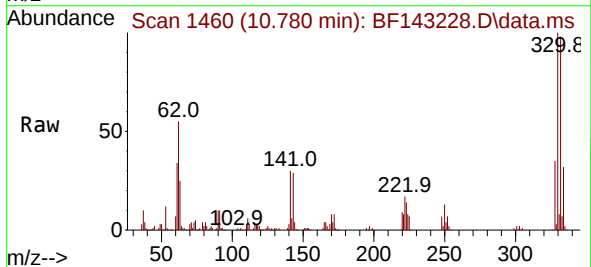
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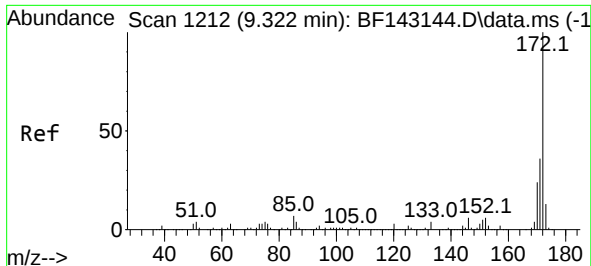
Tgt Ion:164 Resp: 188060
Ion Ratio Lower Upper
164 100
162 99.5 79.0 118.6
160 45.1 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 110.200 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF143228.D
Acq: 24 Jul 2025 12:33

Tgt Ion:330 Resp: 214093
Ion Ratio Lower Upper
330 100
332 97.7 76.7 115.1
141 29.3 23.3 34.9

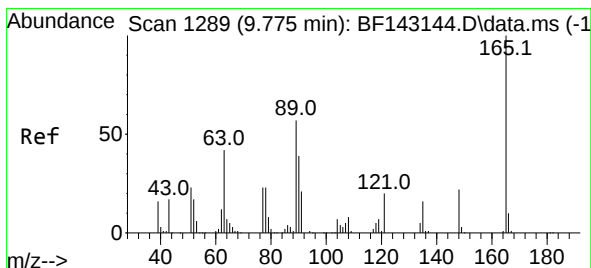
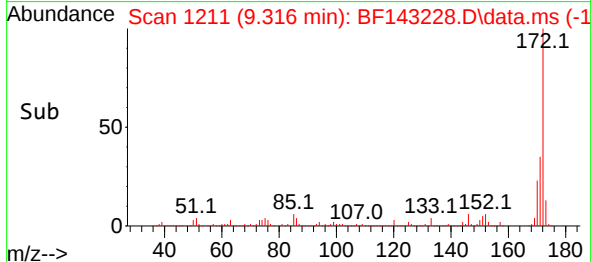
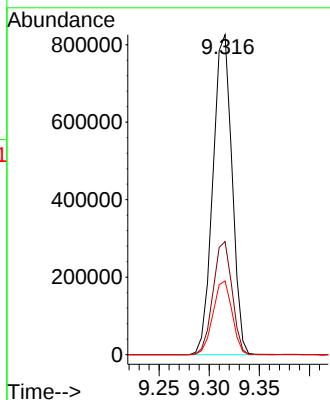
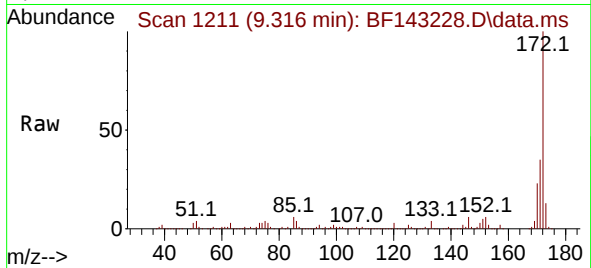




#45
2-Fluorobiphenyl
Concen: 79.606 ng
RT: 9.316 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143228.D
Acq: 24 Jul 2025 12:33

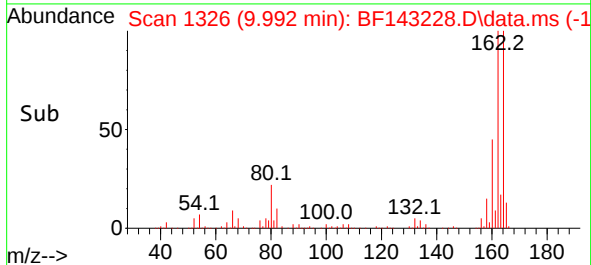
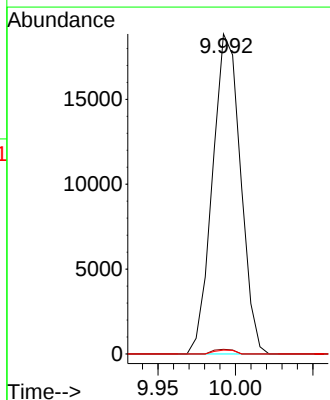
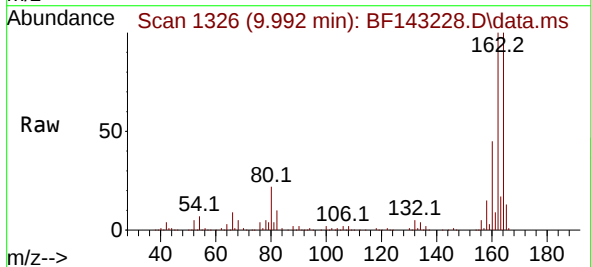
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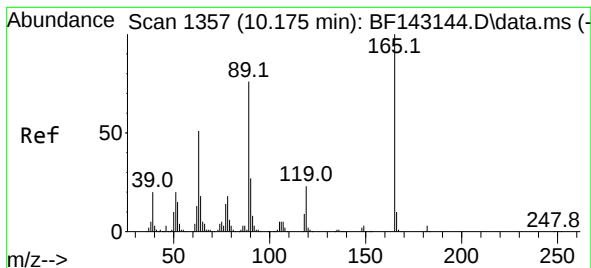
Tgt Ion:172 Resp: 1094655
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.0 18.8 28.2



#51
2,6-Dinitrotoluene
Concen: 9.517 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.218 min
Lab File: BF143228.D
Acq: 24 Jul 2025 12:33

Tgt Ion:165 Resp: 23732
Ion Ratio Lower Upper
165 100
63 1.5 49.4 74.2#
89 1.2 46.2 69.2#

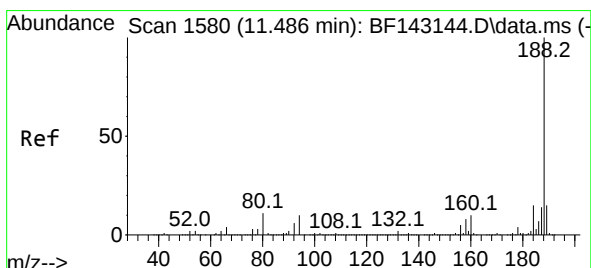
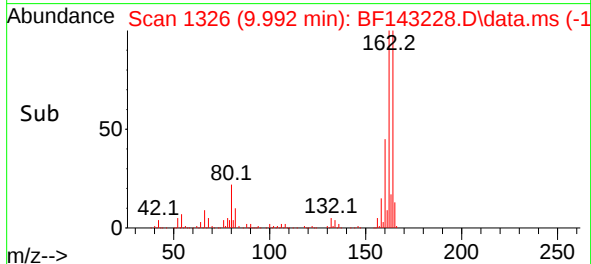
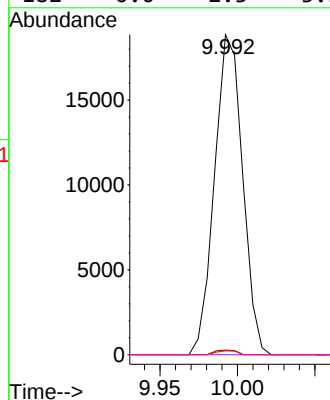
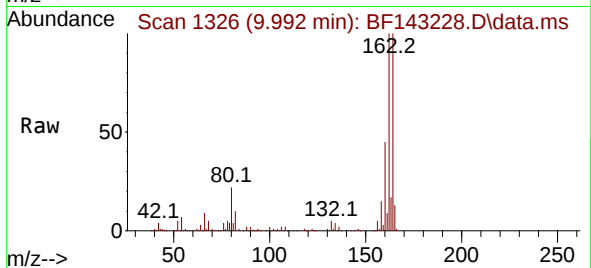




#57
2,4-Dinitrotoluene
Concen: 7.586 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF143228.D
Acq: 24 Jul 2025 12:33

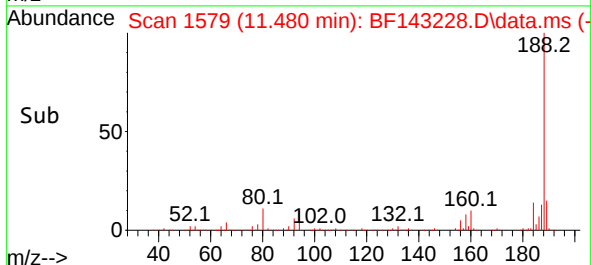
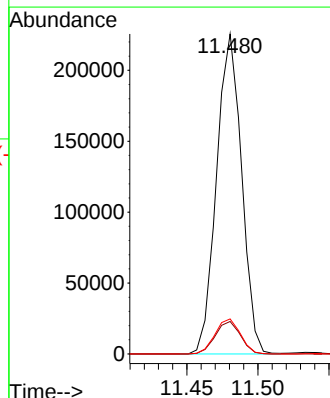
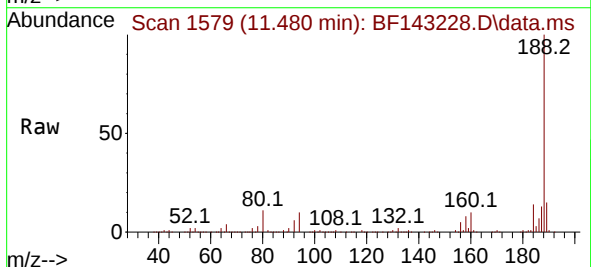
Instrument :
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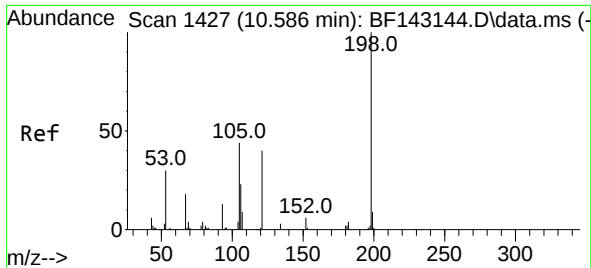
Tgt Ion:165 Resp: 23732
Ion Ratio Lower Upper
165 100
63 1.5 41.0 61.4#
89 1.2 61.1 91.7#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143228.D
Acq: 24 Jul 2025 12:33

Tgt Ion:188 Resp: 276782
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 10.9 9.0 13.6

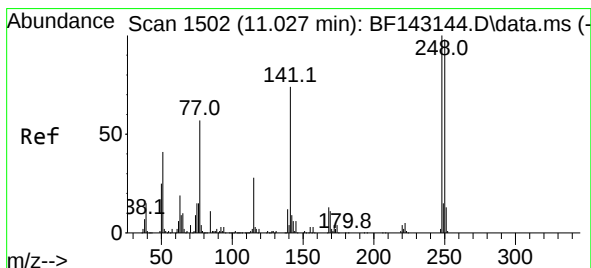
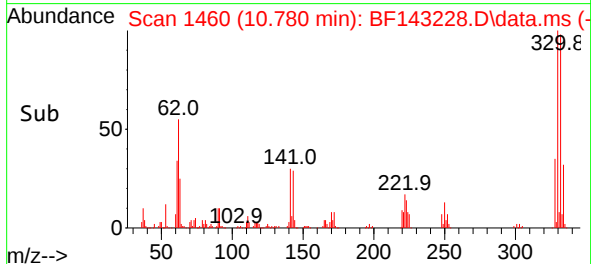
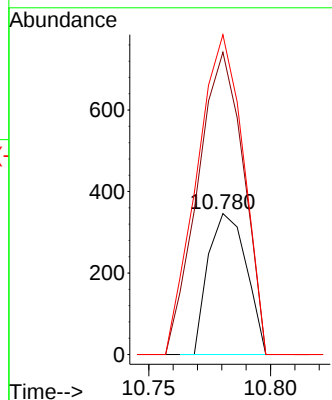
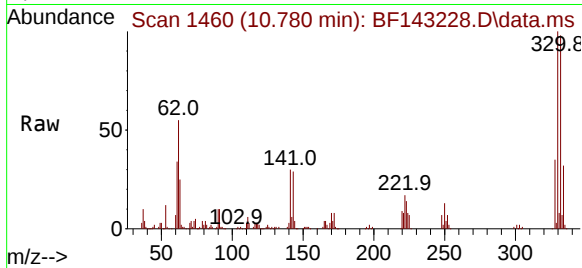




#65
4,6-Dinitro-2-methylphenol
Concen: 5.644 ng
RT: 10.780 min Scan# 1427
Delta R.T. 0.194 min
Lab File: BF143228.D
Acq: 24 Jul 2025 12:33

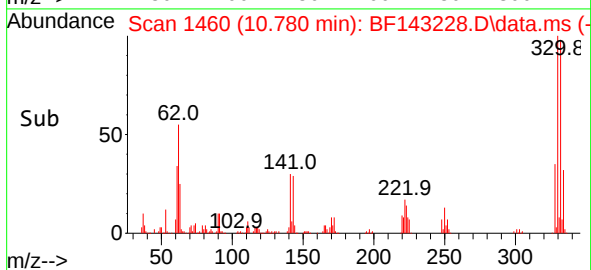
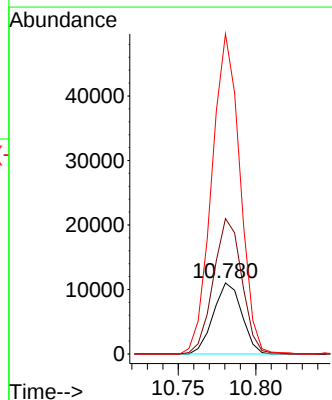
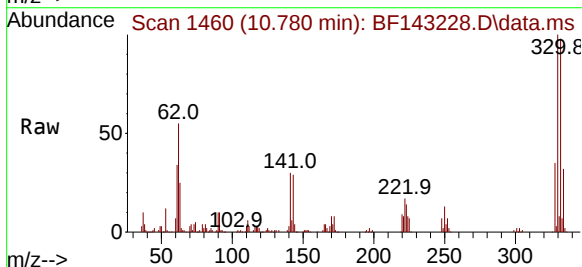
Instrument :
BNA_F
ClientSampleId :
TP-3

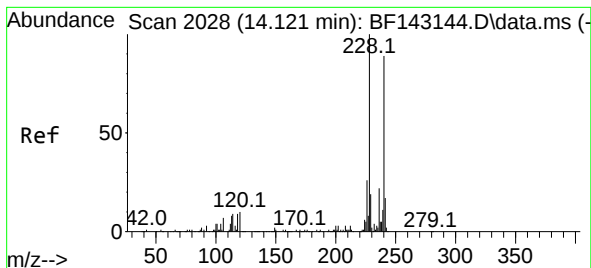
Tgt Ion:198 Resp: 378
Ion Ratio Lower Upper
198 100
51 214.5 37.2 77.2#
105 226.9 24.8 64.8#



#67
4-Bromophenyl-phenylether
Concen: 4.256 ng
RT: 10.780 min Scan# 1460
Delta R.T. -0.247 min
Lab File: BF143228.D
Acq: 24 Jul 2025 12:33

Tgt Ion:248 Resp: 14040
Ion Ratio Lower Upper
248 100
250 190.7 78.3 117.5#
141 450.6 59.2 88.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.116 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143228.D

Acq: 24 Jul 2025 12:33

Instrument :

BNA_F

ClientSampleId :

TP-3

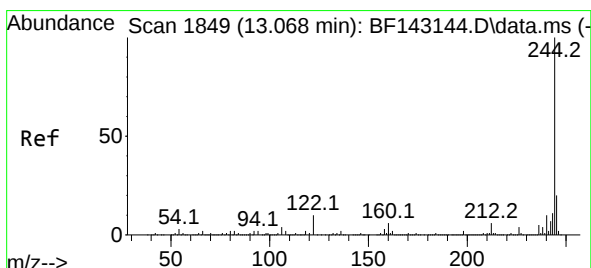
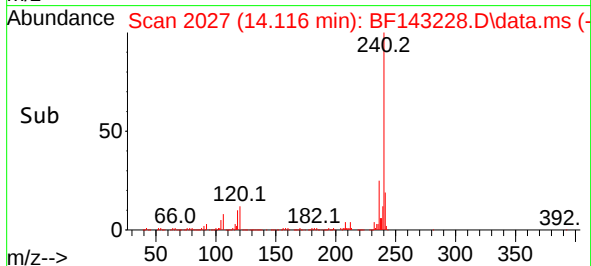
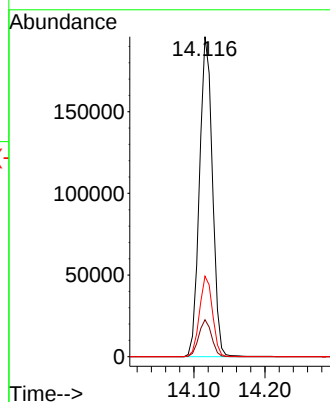
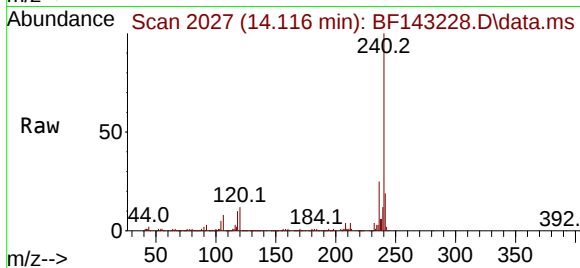
Tgt Ion:240 Resp: 249381

Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.2

236 25.2 20.2 30.4



#79

Terphenyl-d14

Concen: 59.115 ng

RT: 13.063 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF143228.D

Acq: 24 Jul 2025 12:33

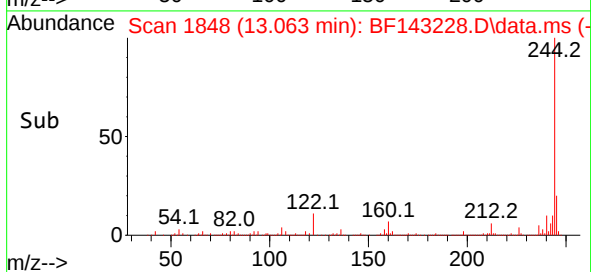
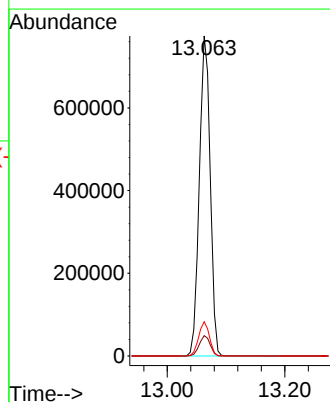
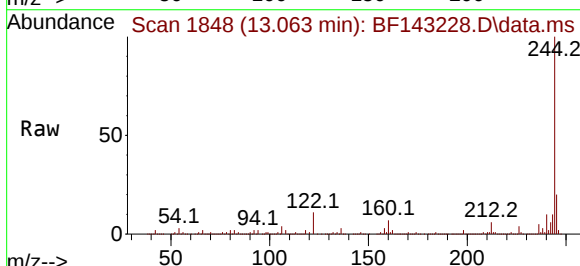
Tgt Ion:244 Resp: 990668

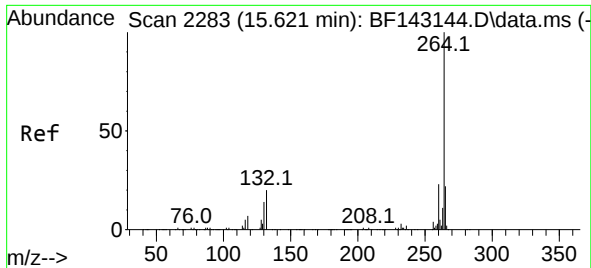
Ion Ratio Lower Upper

244 100

212 6.4 5.2 7.8

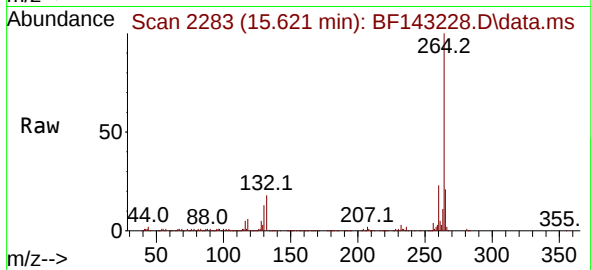
122 10.7 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.621 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143228.D
Acq: 24 Jul 2025 12:33

Instrument :
BNA_F
ClientSampleId :
TP-3



Tgt Ion:264 Resp: 263516
Ion Ratio Lower Upper
264 100
260 22.7 18.5 27.7
265 21.3 17.4 26.2

