

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142156.D
 Acq On : 28 Mar 2025 13:08
 Operator : RC/JU
 Sample : Q1642-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-1-032525

Quant Time: Mar 28 13:44:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

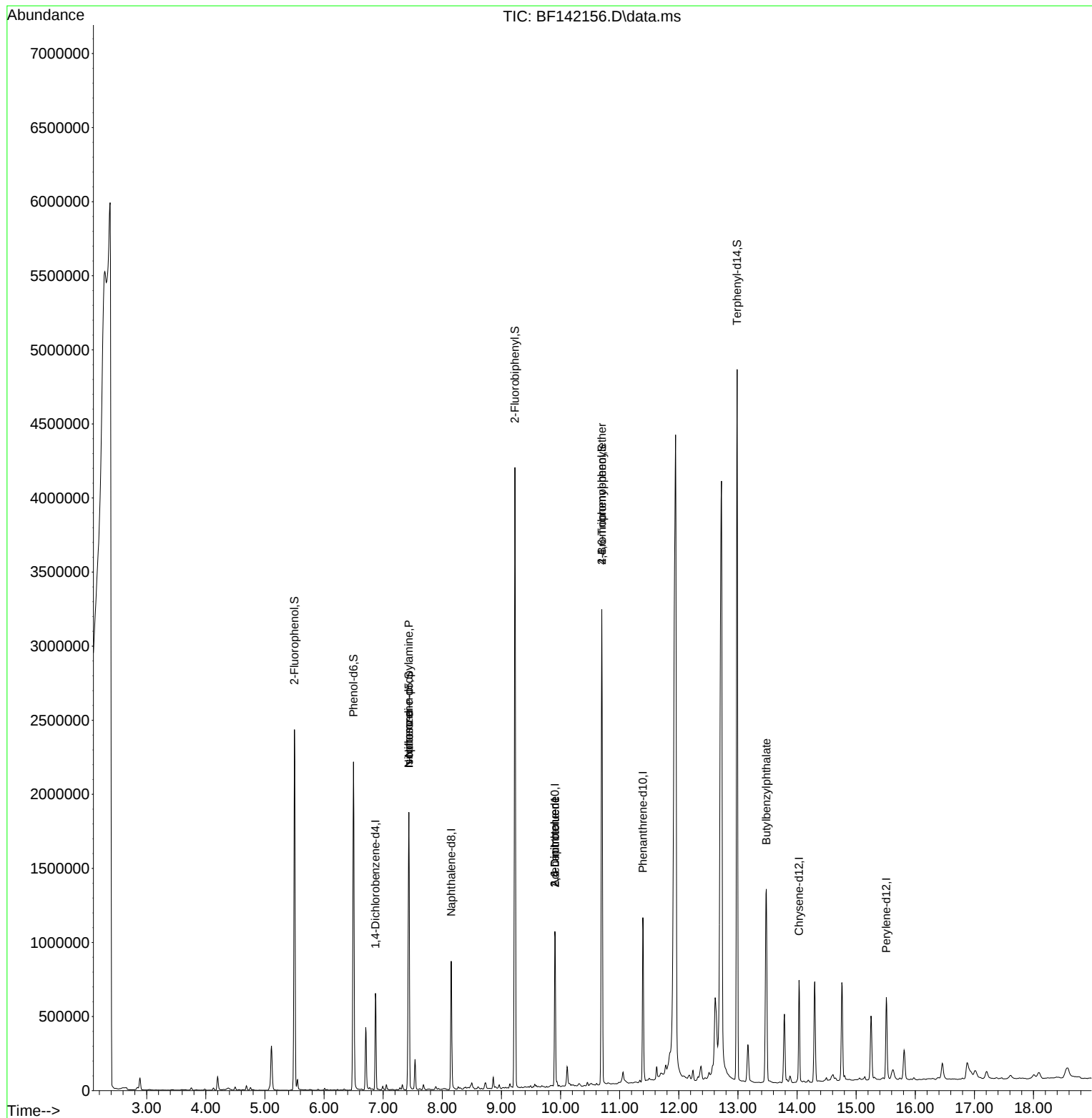
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	139500	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	550397	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	326280	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	573724	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	344150	20.000	ng	0.00
86) Perylene-d12	15.510	264	345453	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	993292	118.836	ng	0.00
7) Phenol-d6	6.499	99	1148652	107.934	ng	0.00
23) Nitrobenzene-d5	7.434	82	882655	90.248	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	644796	155.774	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1874849	87.388	ng	-0.01
79) Terphenyl-d14	12.986	244	2412134	103.624	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	123089	18.000	ng	# 77
25) Isophorone	7.434	82	870667	50.362	ng	# 64
51) 2,6-Dinitrotoluene	9.904	165	41962	8.821	ng	# 23
57) 2,4-Dinitrotoluene	9.904	165	41962	6.753	ng	# 25
67) 4-Bromophenyl-phenylether	10.698	248	38544	5.349	ng	# 1
80) Butylbenzylphthalate	13.480	149	254327	21.827	ng	# 25

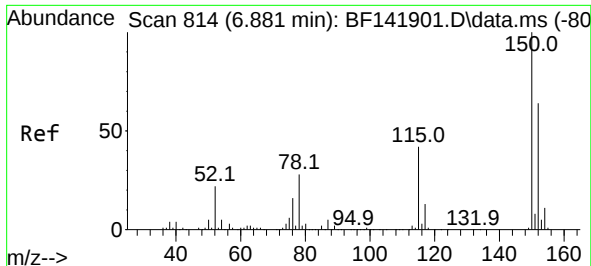
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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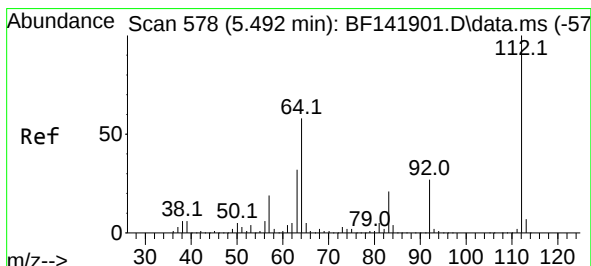
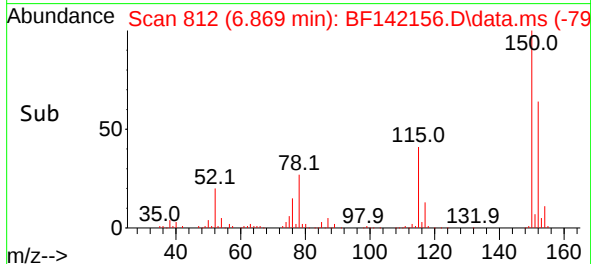
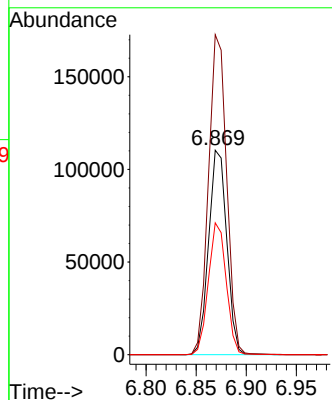
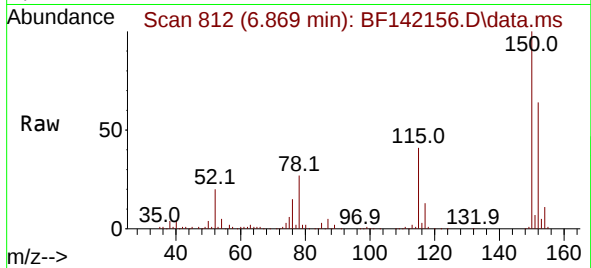




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142156.D
Acq: 28 Mar 2025 13:08

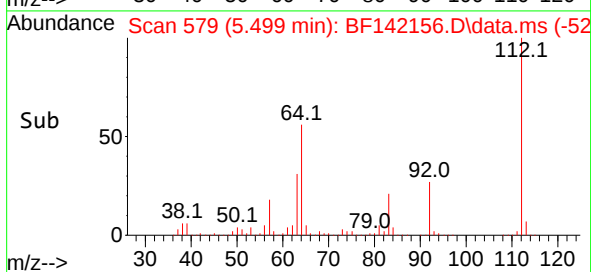
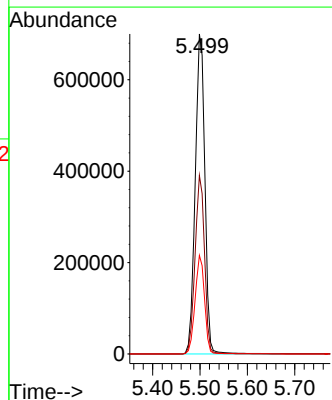
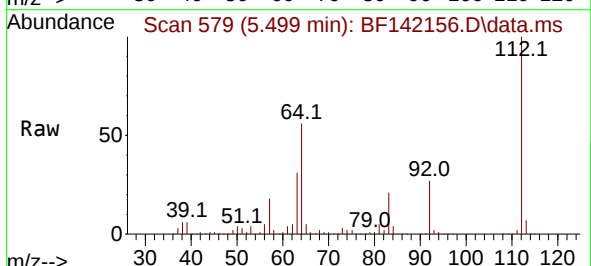
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525

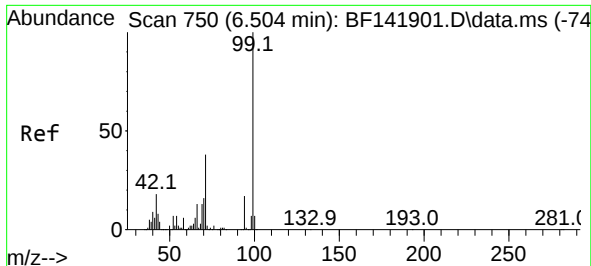
Tgt Ion:152 Resp: 139500
Ion Ratio Lower Upper
152 100
150 156.5 127.4 191.2
115 64.5 51.9 77.9



#5
2-Fluorophenol
Concen: 118.836 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF142156.D
Acq: 28 Mar 2025 13:08

Tgt Ion:112 Resp: 993292
Ion Ratio Lower Upper
112 100
64 55.8 46.5 69.7
63 30.8 25.4 38.2

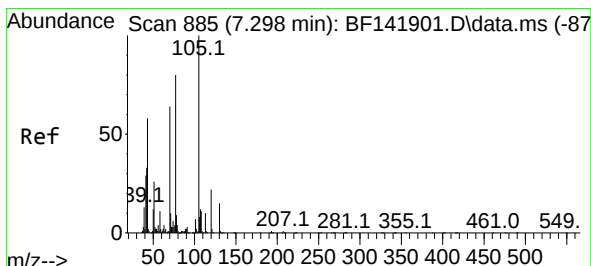
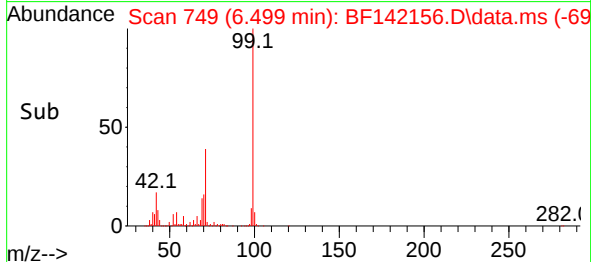
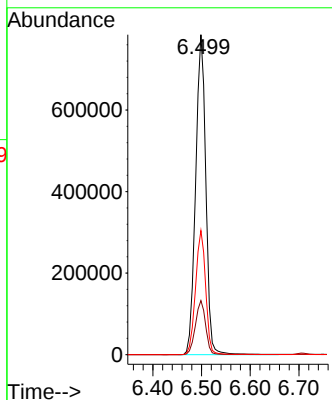
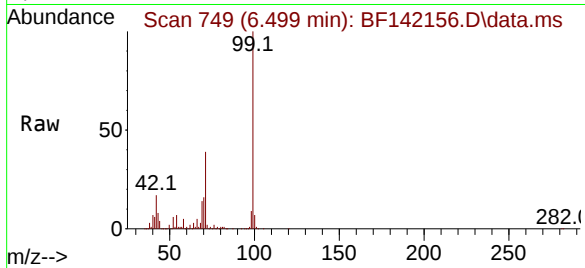




#7
Phenol-d6
Concen: 107.934 ng
RT: 6.499 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142156.D
Acq: 28 Mar 2025 13:08

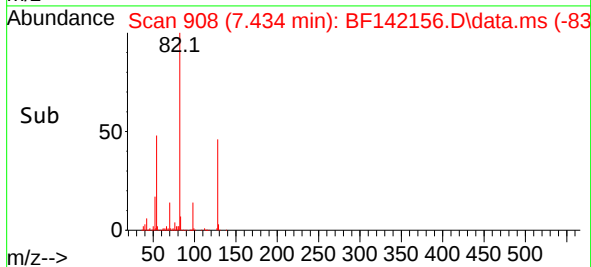
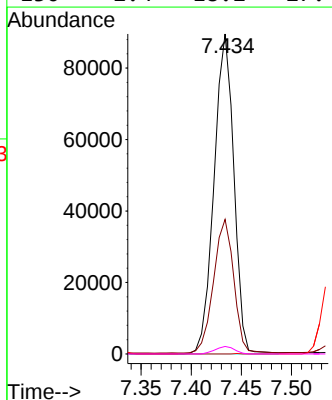
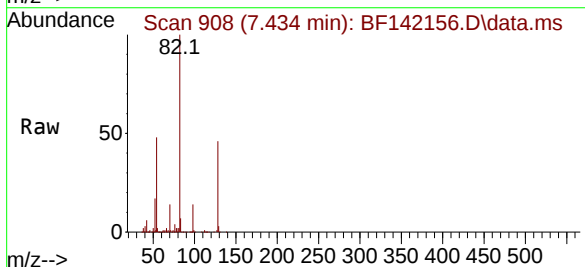
Instrument :
BNA_F
ClientSampleId :
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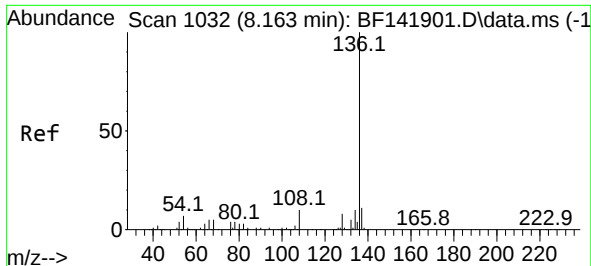
Tgt Ion: 99 Resp: 1148652
Ion Ratio Lower Upper
99 100
42 16.9 14.6 21.8
71 38.8 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.000 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.136 min
Lab File: BF142156.D
Acq: 28 Mar 2025 13:08

Tgt Ion: 70 Resp: 123089
Ion Ratio Lower Upper
70 100
42 42.1 41.4 62.0
101 0.0 8.2 12.2#
130 2.4 18.2 27.4#

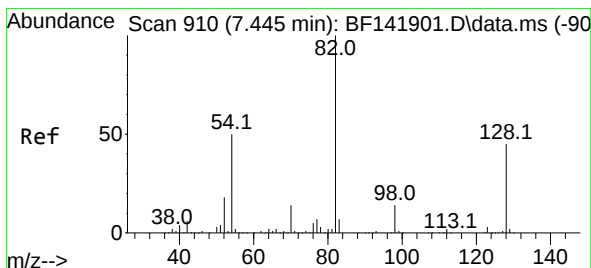
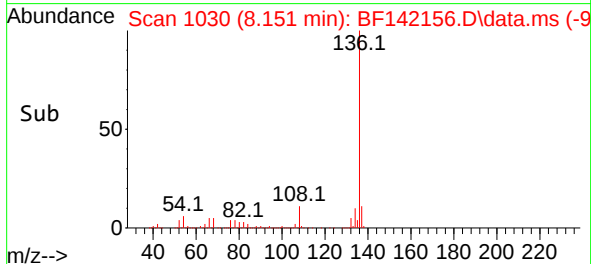
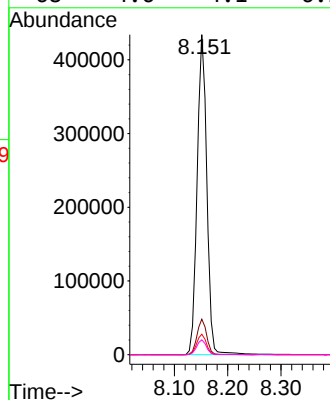
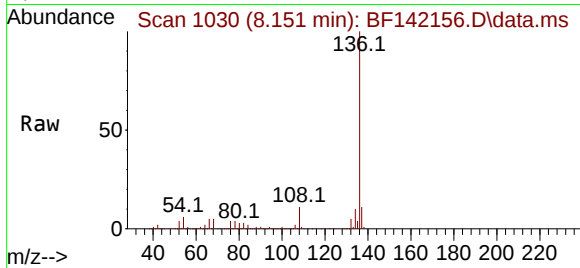




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF142156.D
Acq: 28 Mar 2025 13:08

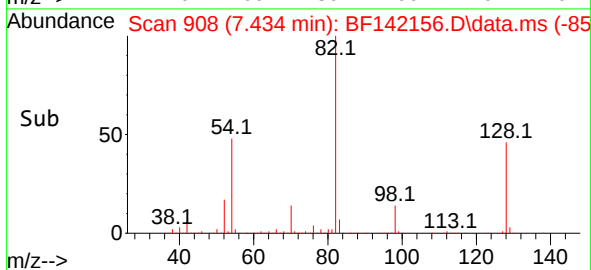
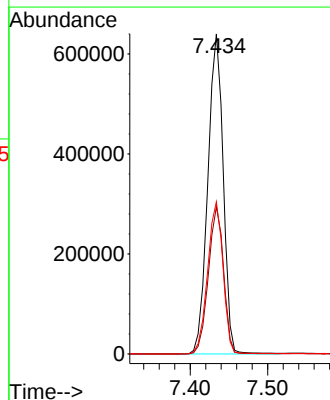
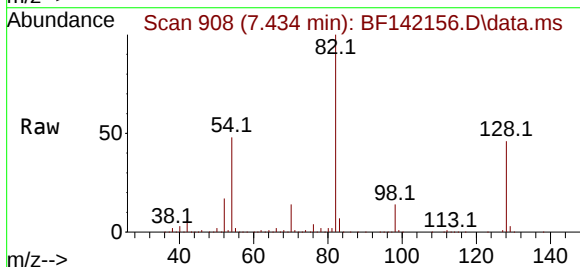
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525

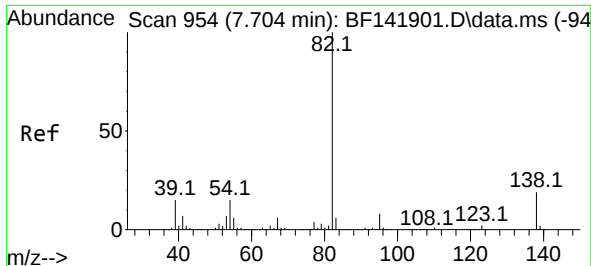
Tgt Ion:	136	Resp:	550397
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.4	5.8	8.8
68	4.6	4.1	6.1



#23
Nitrobenzene-d5
Concen: 90.248 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF142156.D
Acq: 28 Mar 2025 13:08

Tgt Ion:	82	Resp:	882655
Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.0	54.0
54	47.6	39.6	59.4

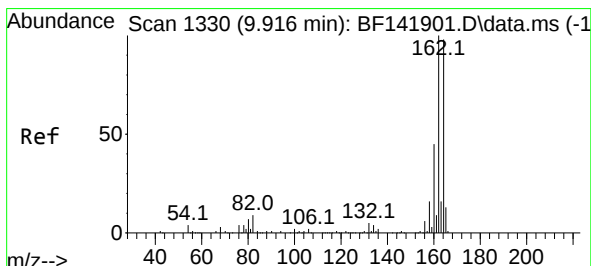
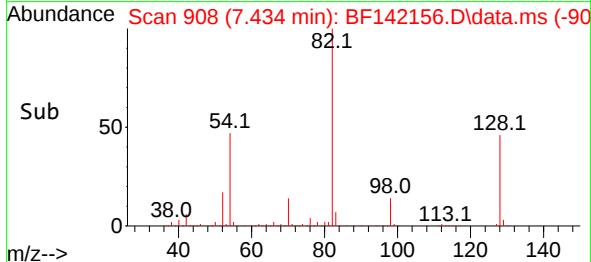
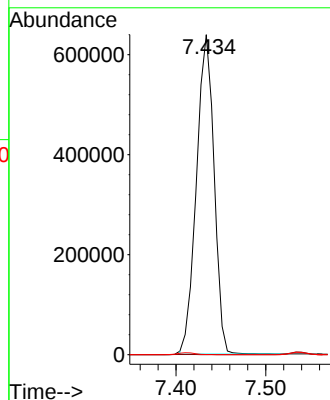
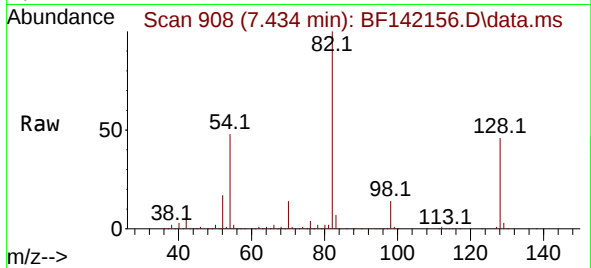




#25
Isophorone
Concen: 50.362 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF142156.D
Acq: 28 Mar 2025 13:08

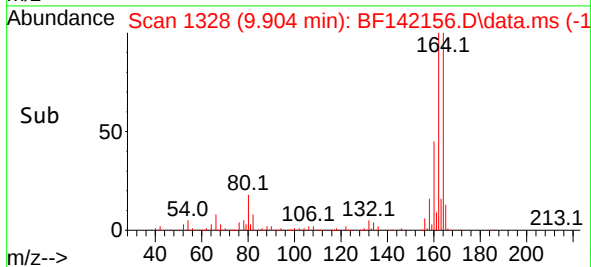
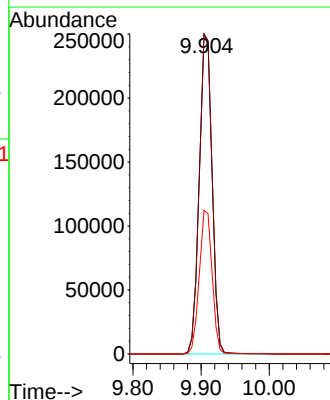
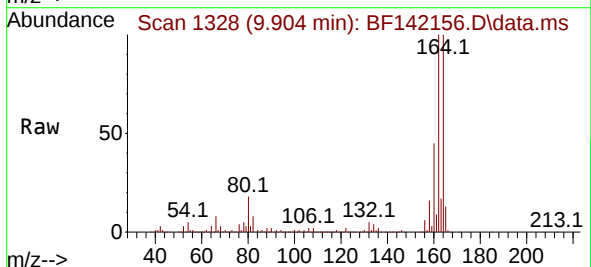
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525

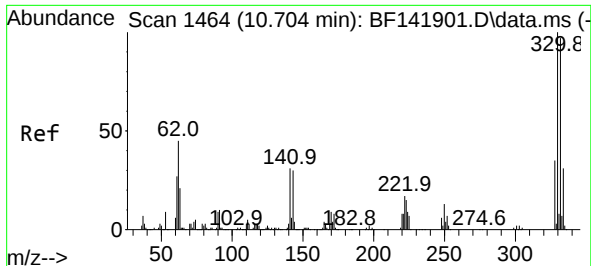
Tgt Ion: 82 Resp: 870667
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF142156.D
Acq: 28 Mar 2025 13:08

Tgt Ion:164 Resp: 326280
Ion Ratio Lower Upper
164 100
162 100.2 81.8 122.6
160 44.9 36.7 55.1

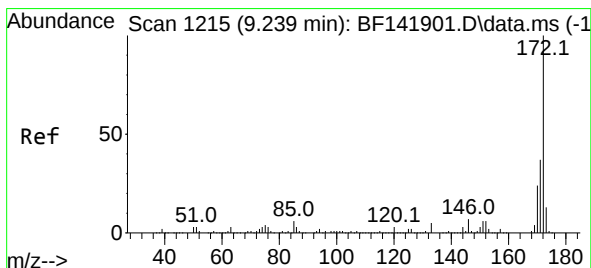
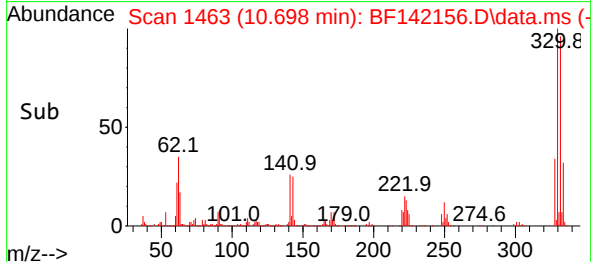
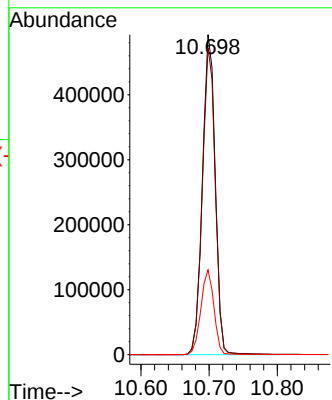
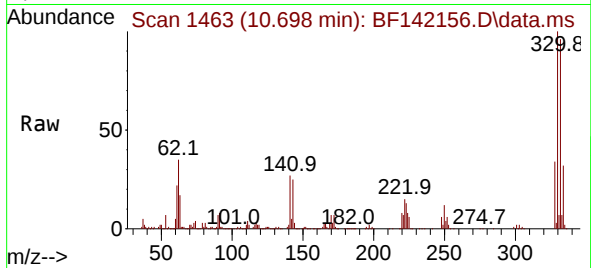




#42
2,4,6-Tribromophenol
Concen: 155.774 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142156.D
Acq: 28 Mar 2025 13:08

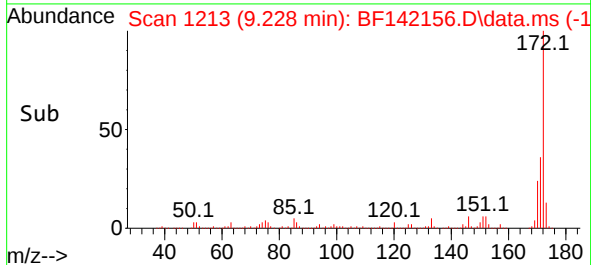
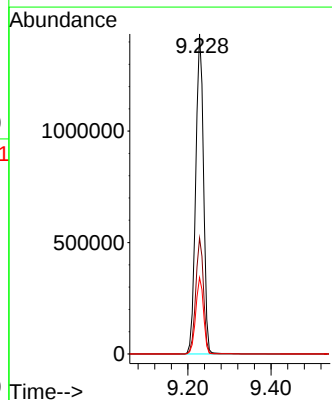
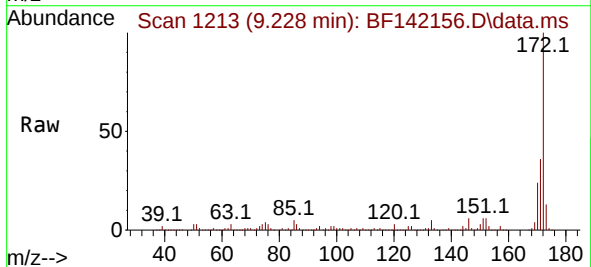
Instrument :
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ClientSampleId :
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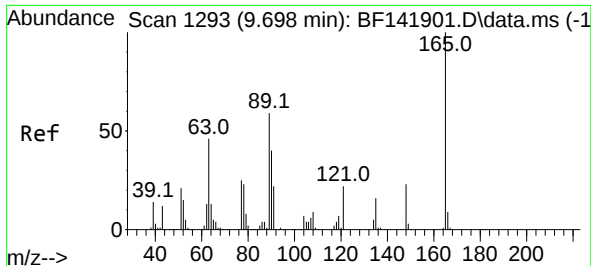
Tgt Ion:330 Resp: 644796
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 27.2 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 87.388 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.012 min
Lab File: BF142156.D
Acq: 28 Mar 2025 13:08

Tgt Ion:172 Resp: 1874849
Ion Ratio Lower Upper
172 100
171 36.2 29.3 43.9
170 23.9 19.4 29.0

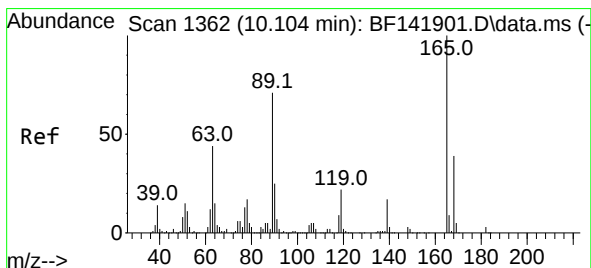
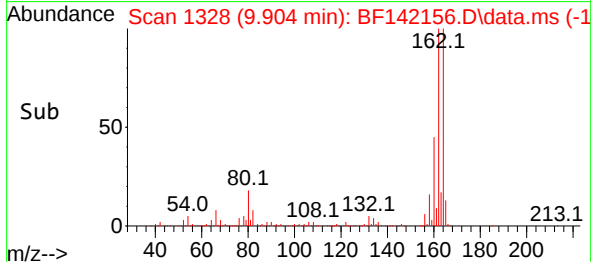
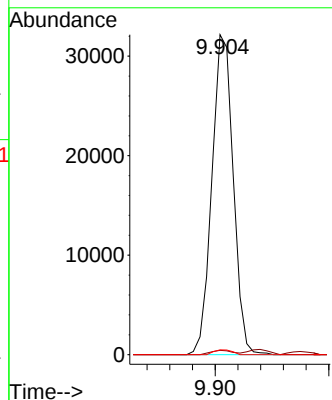
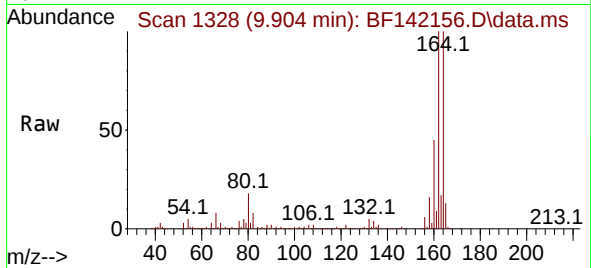




#51
2,6-Dinitrotoluene
Concen: 8.821 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF142156.D
Acq: 28 Mar 2025 13:08

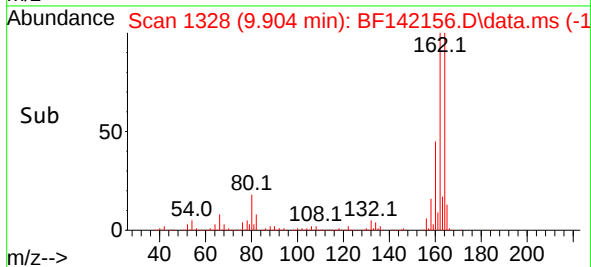
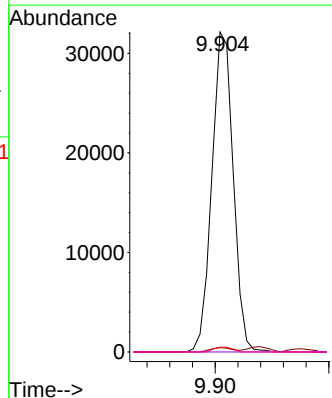
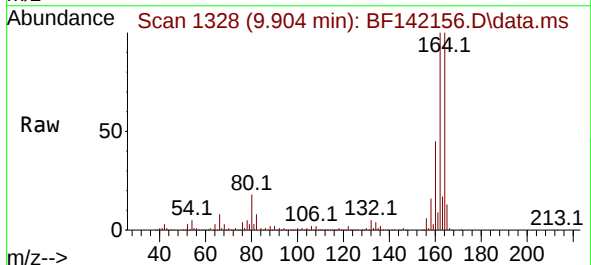
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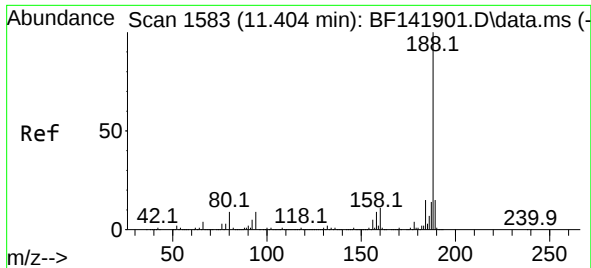
Tgt Ion:165 Resp: 41962
Ion Ratio Lower Upper
165 100
63 1.3 47.0 70.4#
89 1.5 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.753 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF142156.D
Acq: 28 Mar 2025 13:08

Tgt Ion:165 Resp: 41962
Ion Ratio Lower Upper
165 100
63 1.3 35.4 53.2#
89 1.5 56.6 84.8#
182 0.0 2.2 3.4#

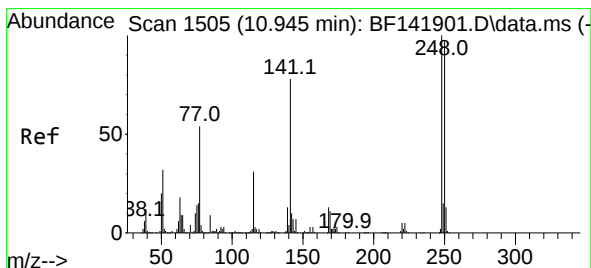
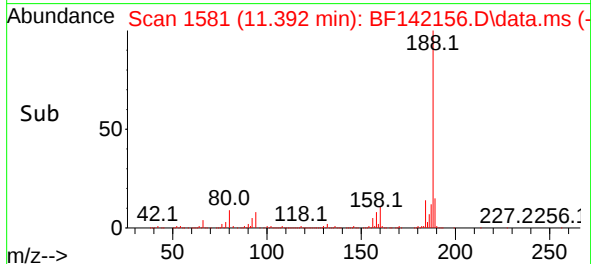
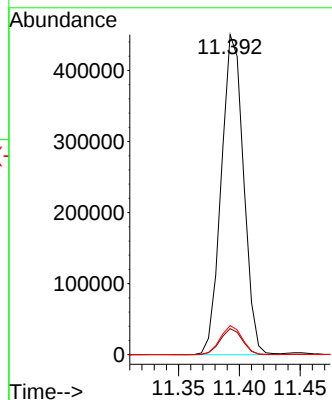
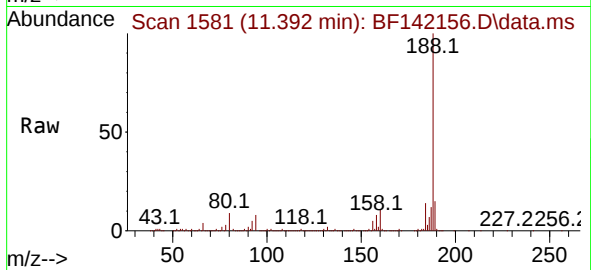




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142156.D
Acq: 28 Mar 2025 13:08

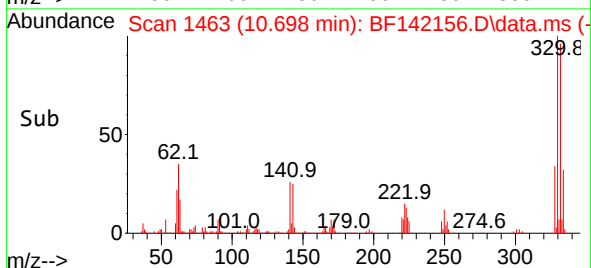
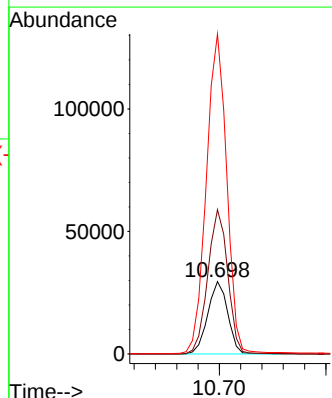
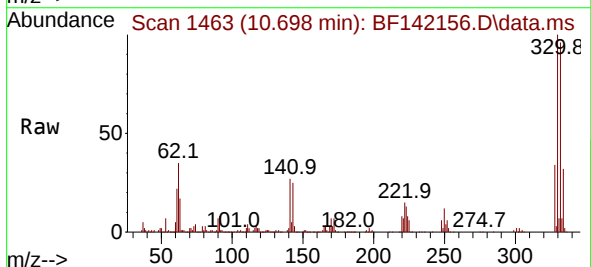
Instrument :
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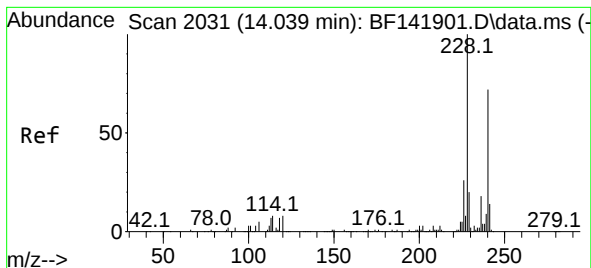
Tgt Ion:188 Resp: 573724
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 9.1 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.349 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF142156.D
Acq: 28 Mar 2025 13:08

Tgt Ion:248 Resp: 38544
Ion Ratio Lower Upper
248 100
250 199.6 77.8 116.8#
141 442.6 62.6 93.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF142156.D

Acq: 28 Mar 2025 13:08

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525

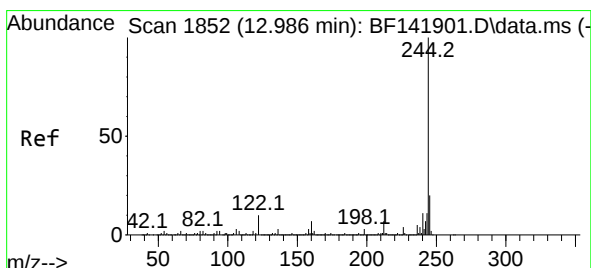
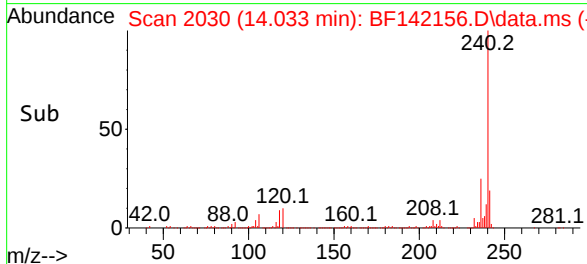
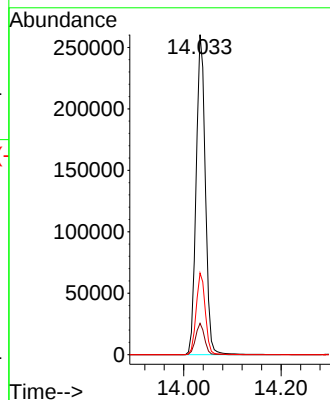
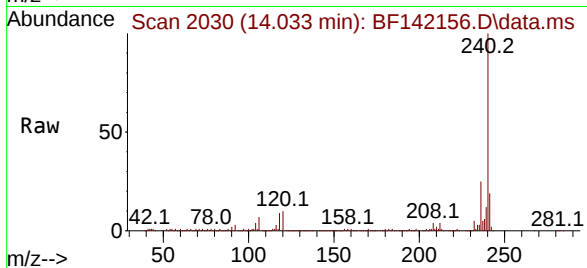
Tgt Ion:240 Resp: 344150

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

236 25.5 20.5 30.7



#79

Terphenyl-d14

Concen: 103.624 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF142156.D

Acq: 28 Mar 2025 13:08

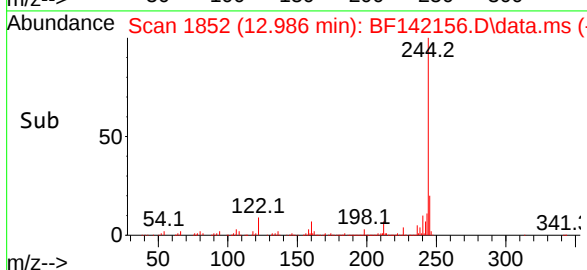
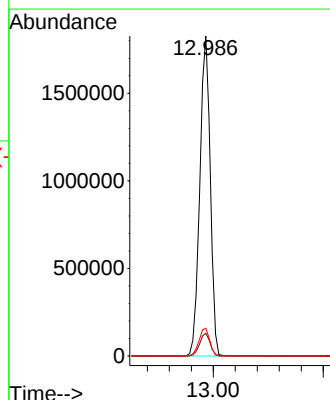
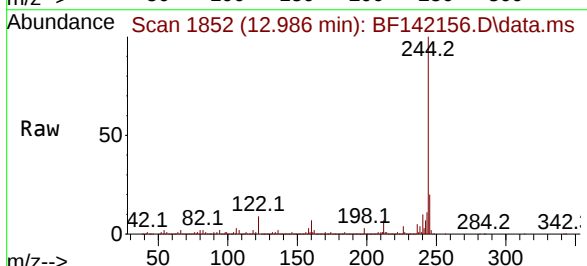
Tgt Ion:244 Resp: 2412134

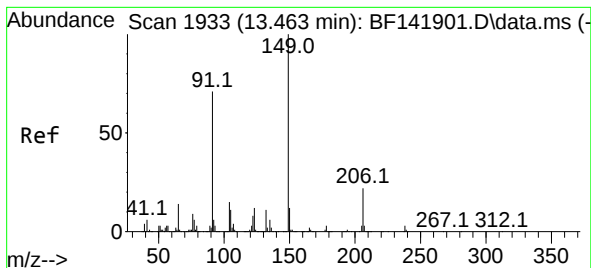
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 8.7 7.7 11.5





#80

Butylbenzylphthalate

Concen: 21.827 ng

RT: 13.480 min Scan# 1936

Delta R.T. 0.018 min

Lab File: BF142156.D

Acq: 28 Mar 2025 13:08

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525

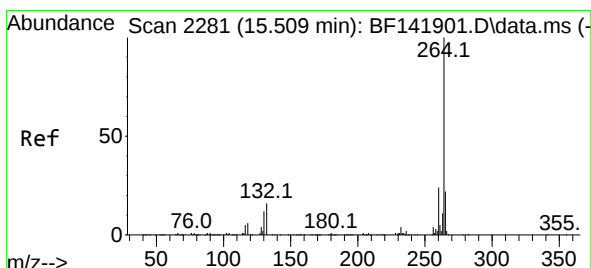
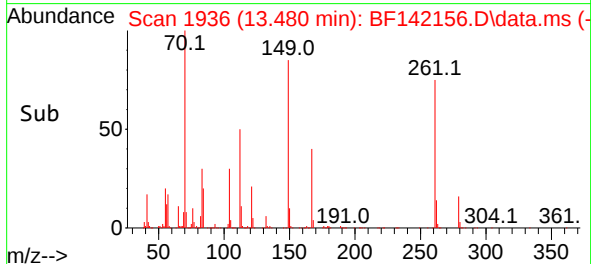
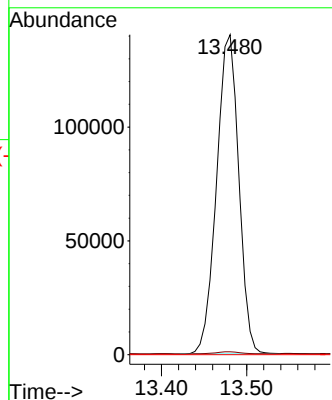
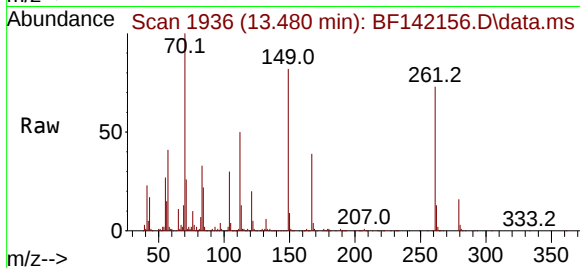
Tgt Ion:149 Resp: 254327

Ion Ratio Lower Upper

149 100

91 0.9 56.5 84.7#

206 0.0 17.3 25.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142156.D

Acq: 28 Mar 2025 13:08

Tgt Ion:264 Resp: 345453

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.5 17.5 26.3

