

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142289.D
 Acq On : 02 May 2025 19:15
 Operator : RC/JU
 Sample : Q1932-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-7

Quant Time: May 02 22:49:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

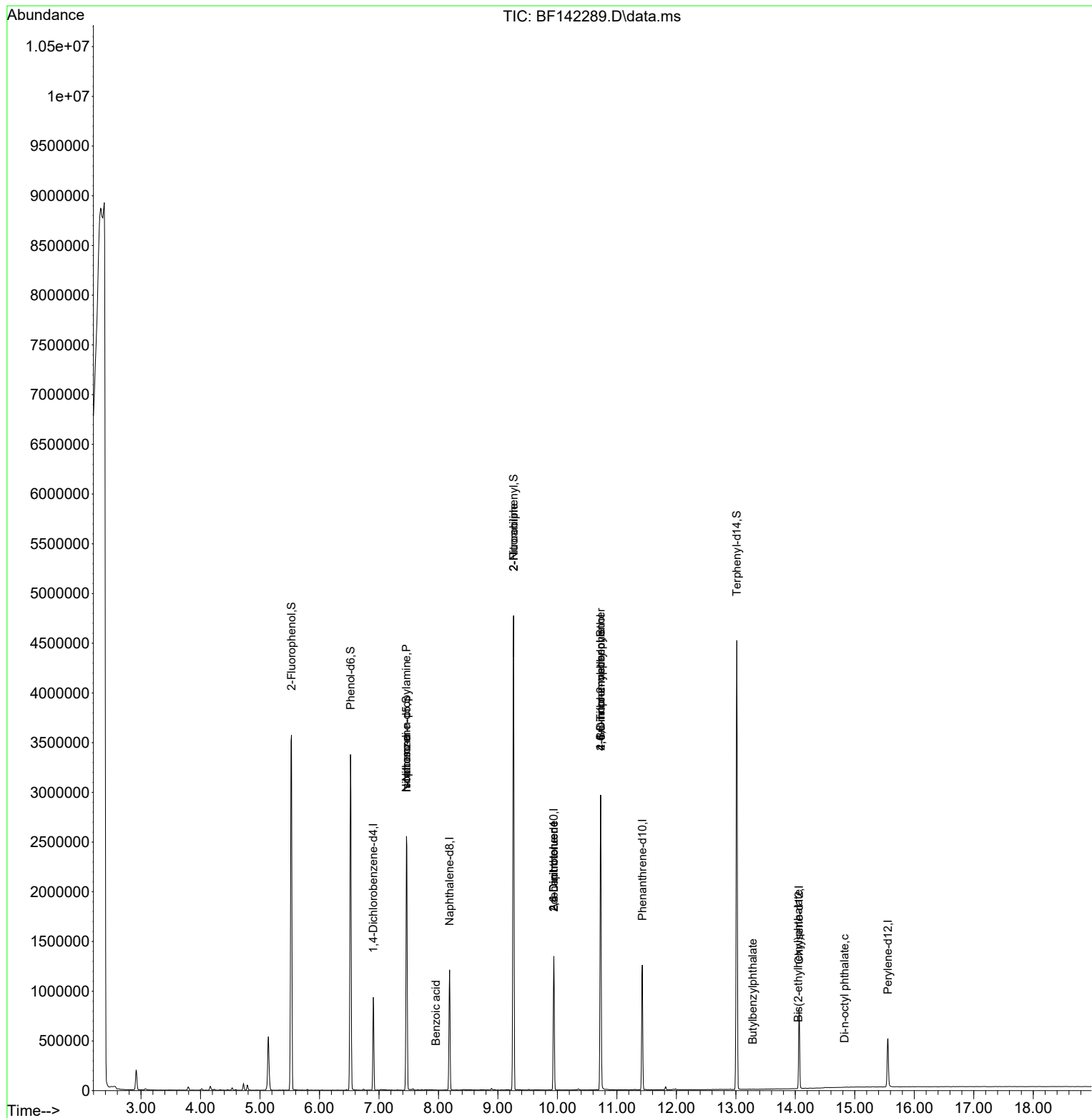
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	193289	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	742945	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	381896	20.000	ng	-0.01
64) Phenanthrene-d10	11.427	188	633714	20.000	ng	0.00
76) Chrysene-d12	14.063	240	384052	20.000	ng	-0.01
86) Perylene-d12	15.557	264	288995	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1434167	118.499	ng	0.01
7) Phenol-d6	6.522	99	1626048	111.259	ng	0.00
23) Nitrobenzene-d5	7.463	82	1113647	98.478	ng	-0.01
42) 2,4,6-Tribromophenol	10.727	330	527136	151.410	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2183272	80.607	ng	0.00
79) Terphenyl-d14	13.016	244	2238054	84.755	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	151906	16.820	ng	# 80
25) Isophorone	7.463	82	1110946	46.809	ng	# 64
32) Benzoic acid	7.957	122	203	10.836	ng	# 33
48) 2-Nitroaniline	9.263	65	3642	5.332	ng	# 1
51) 2,6-Dinitrotoluene	9.939	165	49216	13.647	ng	# 23
57) 2,4-Dinitrotoluene	9.939	165	49216	12.794	ng	# 23
65) 4,6-Dinitro-2-methylph...	10.727	198	1085	11.016	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	31934	4.525	ng	# 1
80) Butylbenzylphthalate	13.286	149	189	3.734	ng	# 25
84) Bis(2-ethylhexyl)phtha...	14.051	149	657	3.500	ng	# 92
85) Di-n-octyl phthalate	14.827	149	169	6.074	ng	# 1

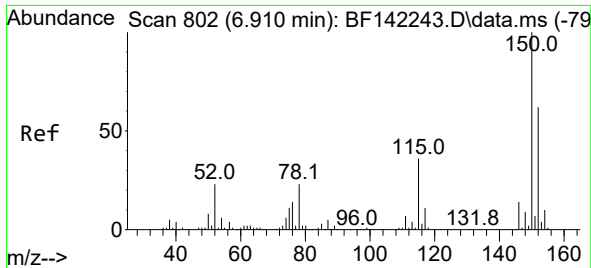
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
Data File : BF142289.D
Acq On : 02 May 2025 19:15
Operator : RC/JU
Sample : Q1932-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-7

Quant Time: May 02 22:49:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

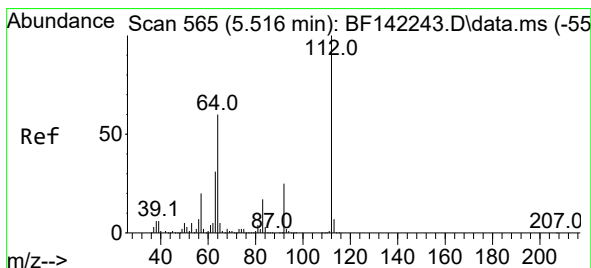
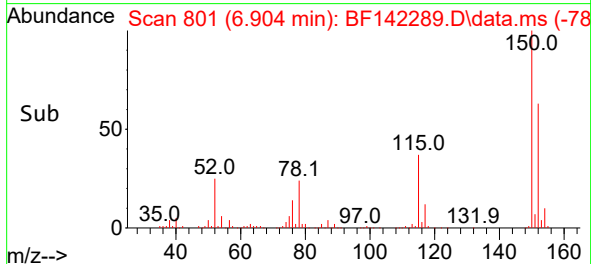
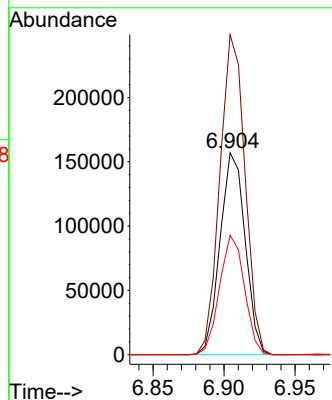
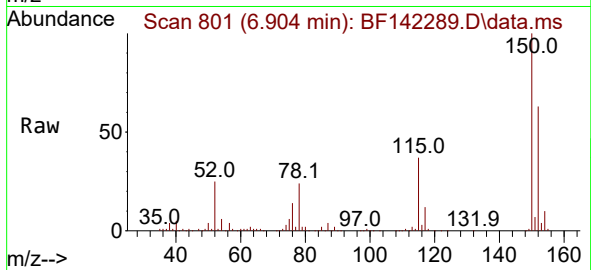




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142289.D
Acq: 02 May 2025 19:15

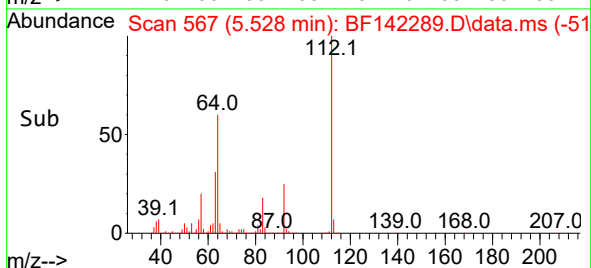
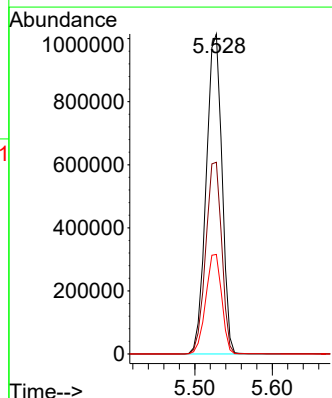
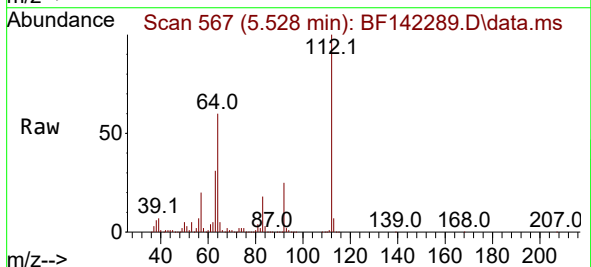
Instrument :
BNA_F
ClientSampleId :
COMP-7

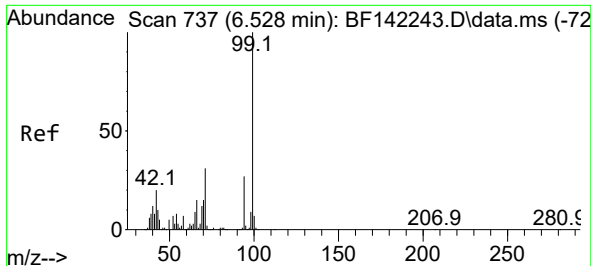
Tgt Ion:152 Resp: 193289
Ion Ratio Lower Upper
152 100
150 158.5 130.2 195.2
115 59.2 47.0 70.4



#5
2-Fluorophenol
Concen: 118.499 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142289.D
Acq: 02 May 2025 19:15

Tgt Ion:112 Resp: 1434167
Ion Ratio Lower Upper
112 100
64 59.9 48.4 72.6
63 31.1 24.8 37.2

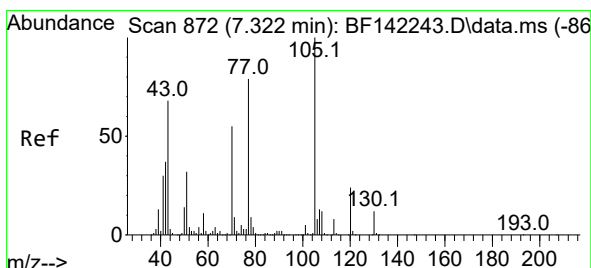
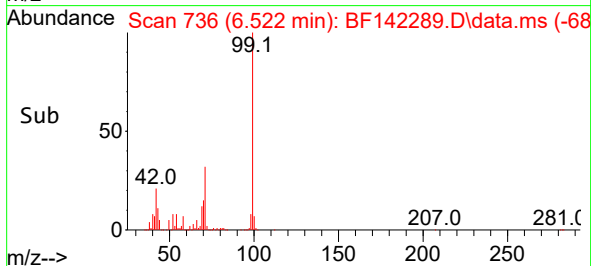
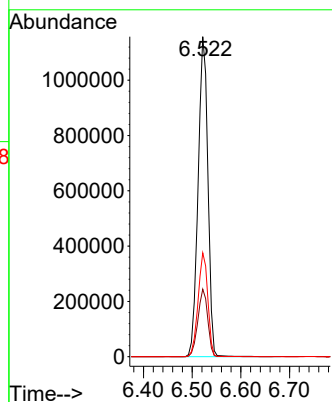
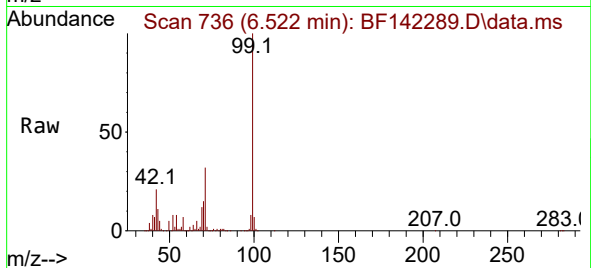




#7
Phenol-d6
Concen: 111.259 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142289.D
Acq: 02 May 2025 19:15

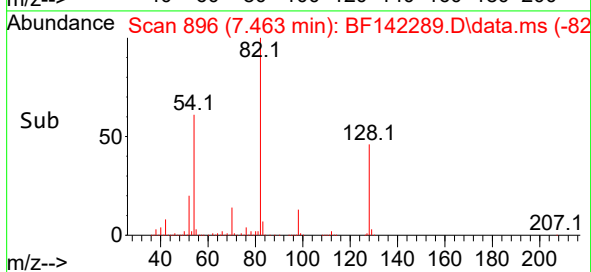
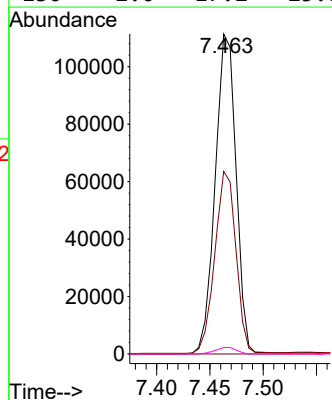
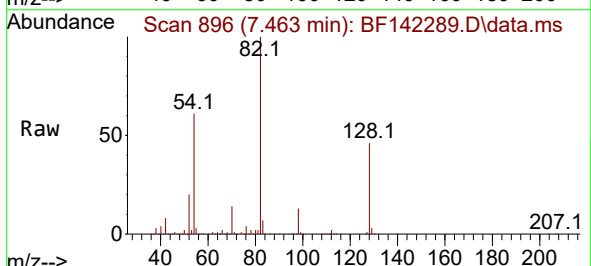
Instrument :
BNA_F
ClientSampleId :
COMP-7

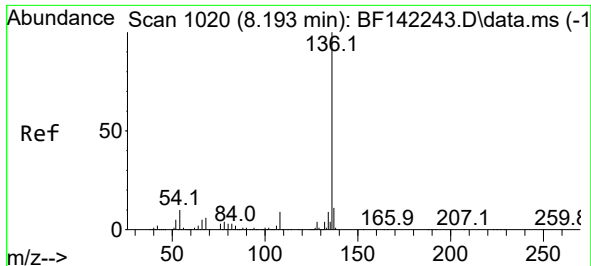
Tgt Ion: 99 Resp: 1626048
Ion Ratio Lower Upper
99 100
42 21.1 16.3 24.5
71 32.4 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.820 ng
RT: 7.463 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF142289.D
Acq: 02 May 2025 19:15

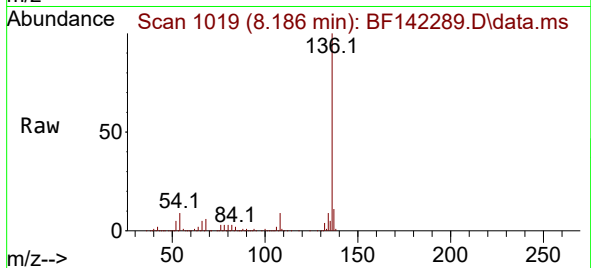
Tgt Ion: 70 Resp: 151906
Ion Ratio Lower Upper
70 100
42 57.0 53.4 80.2
101 0.0 7.7 11.5#
130 2.0 17.2 25.8#





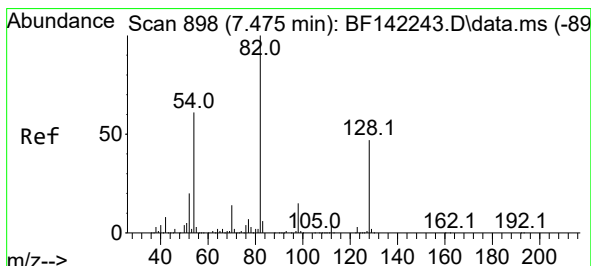
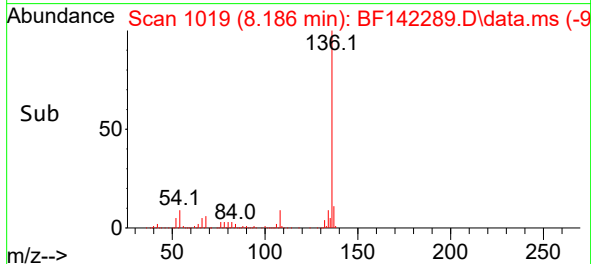
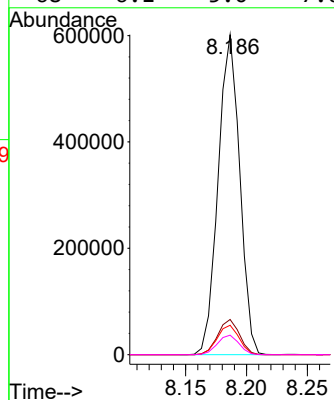
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142289.D
Acq: 02 May 2025 19:15

Instrument :
BNA_F
ClientSampleId :
COMP-7



Tgt Ion:136 Resp: 742945

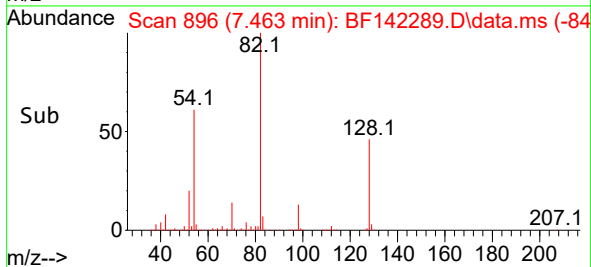
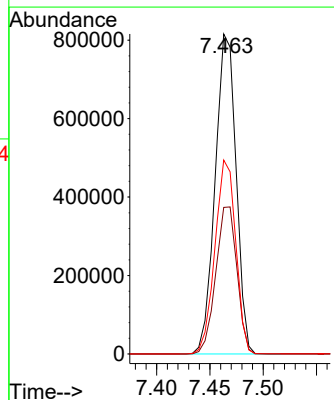
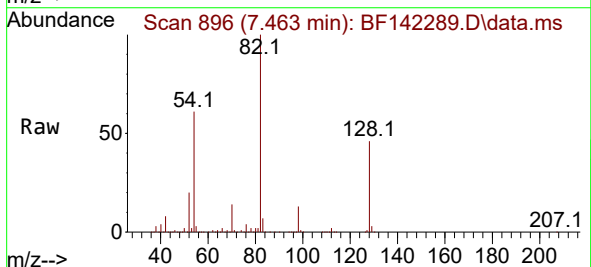
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.2	7.7	11.5
68	6.1	5.0	7.6

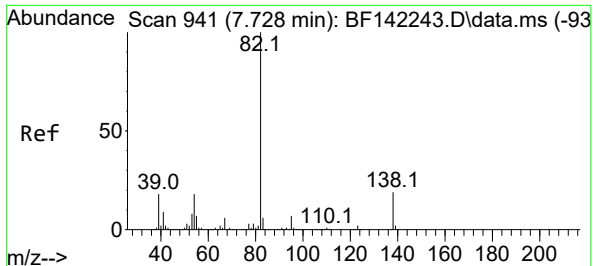


#23
Nitrobenzene-d5
Concen: 98.478 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF142289.D
Acq: 02 May 2025 19:15

Tgt Ion: 82 Resp: 1113647

Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.0	55.6
54	60.6	48.0	72.0

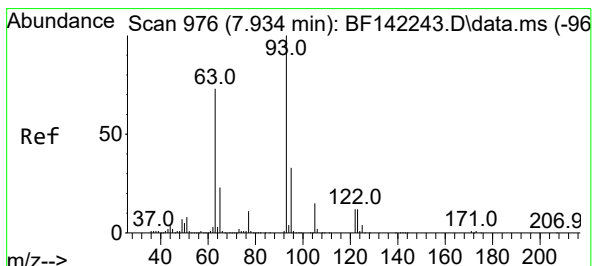
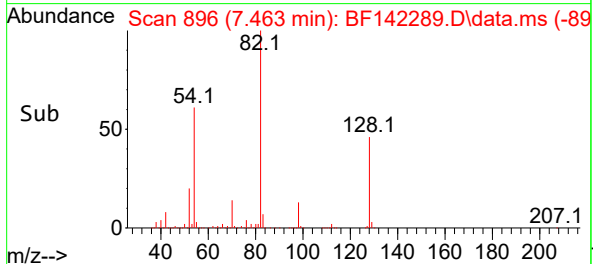
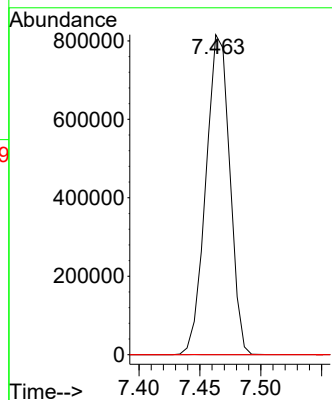
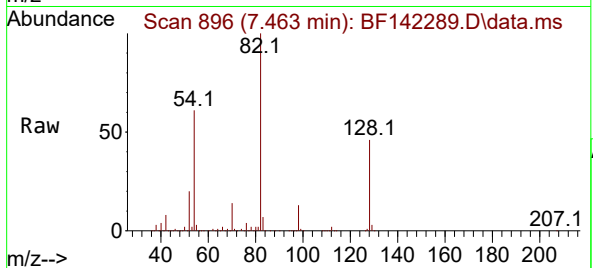




#25
Isophorone
Concen: 46.809 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF142289.D
Acq: 02 May 2025 19:15

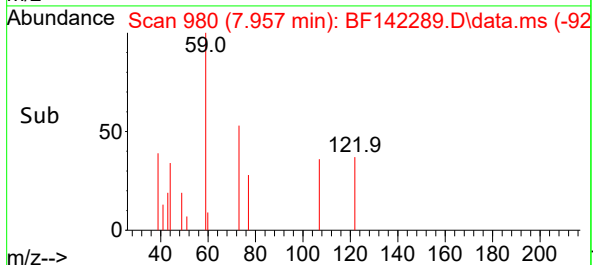
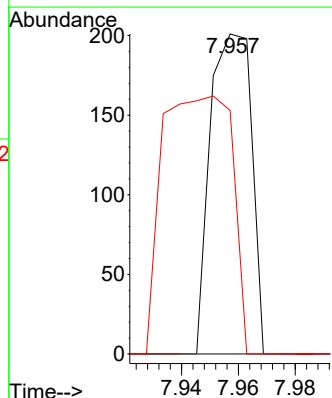
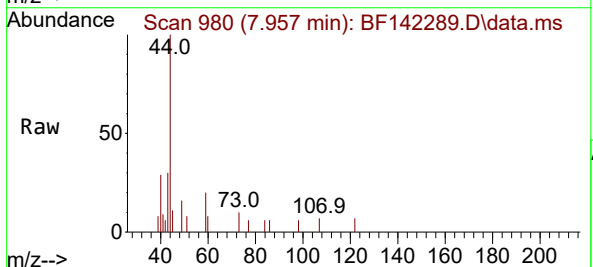
Instrument :
BNA_F
ClientSampleId :
COMP-7

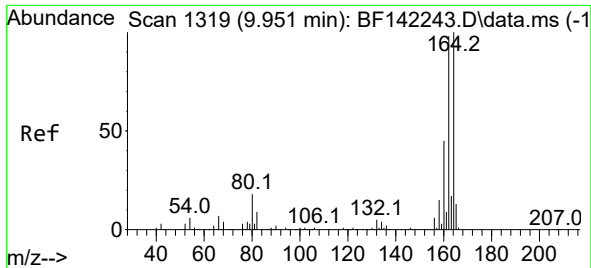
Tgt Ion: 82 Resp: 1110946
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.3 22.9#



#32
Benzoic acid
Concen: 10.836 ng
RT: 7.957 min Scan# 980
Delta R.T. 0.023 min
Lab File: BF142289.D
Acq: 02 May 2025 19:15

Tgt Ion:122 Resp: 203
Ion Ratio Lower Upper
122 100
105 0.0 98.2 138.2#
77 76.1 66.8 106.8

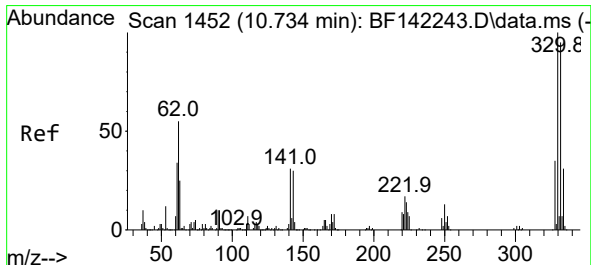
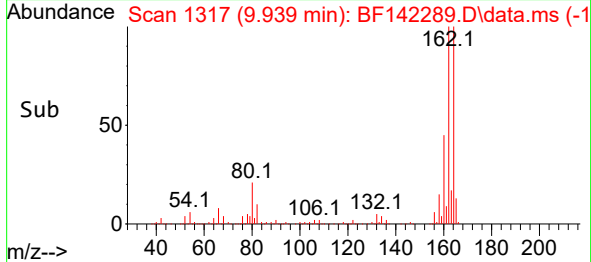
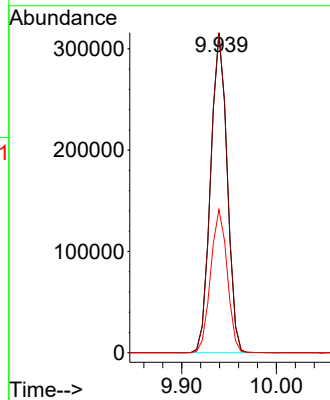
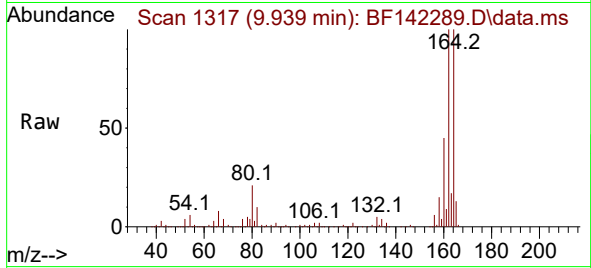




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142289.D
Acq: 02 May 2025 19:15

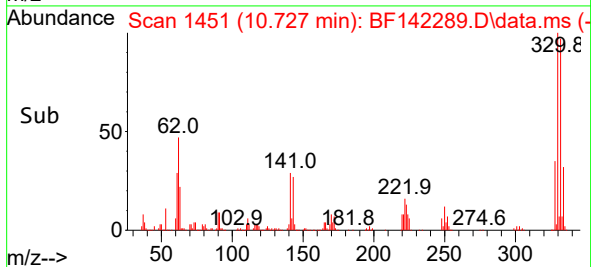
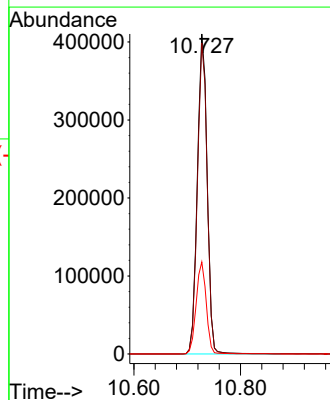
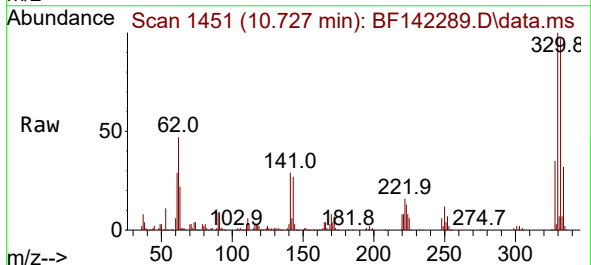
Instrument :
BNA_F
ClientSampleId :
COMP-7

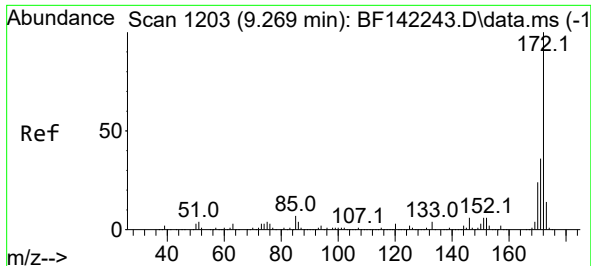
Tgt Ion:164 Resp: 381896
Ion Ratio Lower Upper
164 100
162 100.2 78.6 117.8
160 44.8 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 151.410 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142289.D
Acq: 02 May 2025 19:15

Tgt Ion:330 Resp: 527136
Ion Ratio Lower Upper
330 100
332 97.1 76.5 114.7
141 29.5 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 80.607 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142289.D

Acq: 02 May 2025 19:15

Instrument :

BNA_F

ClientSampleId :

COMP-7

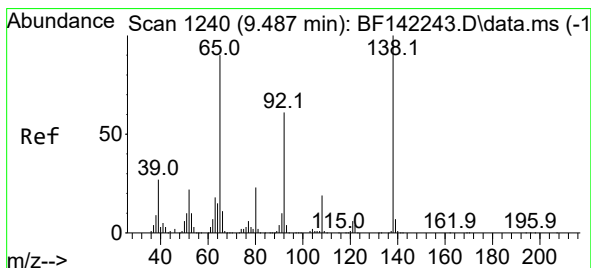
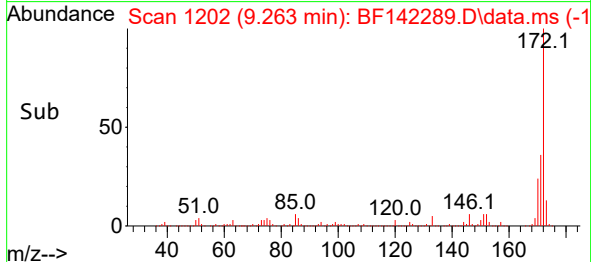
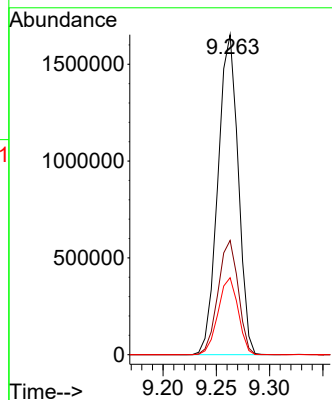
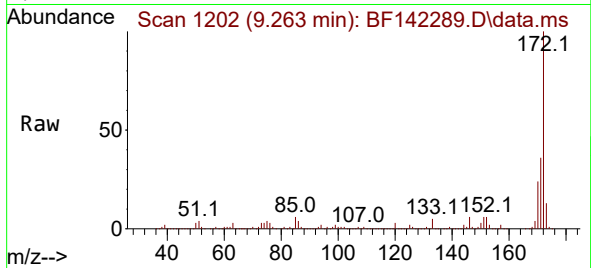
Tgt Ion:172 Resp: 2183272

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.4

170 24.1 19.4 29.0



#48

2-Nitroaniline

Concen: 5.332 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.224 min

Lab File: BF142289.D

Acq: 02 May 2025 19:15

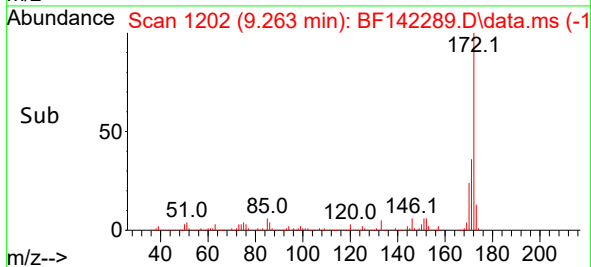
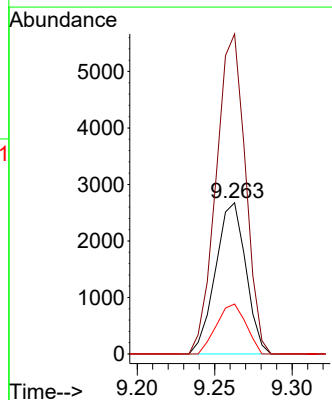
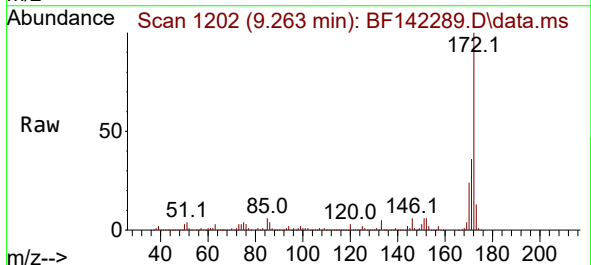
Tgt Ion: 65 Resp: 3642

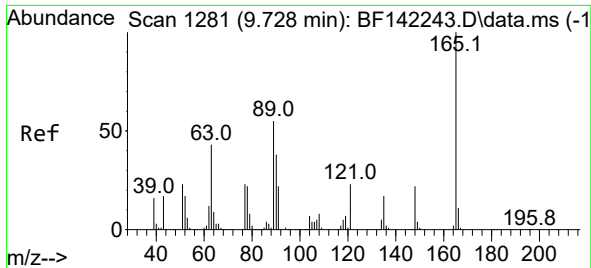
Ion Ratio Lower Upper

65 100

92 211.7 54.3 81.5#

138 33.0 88.6 133.0#

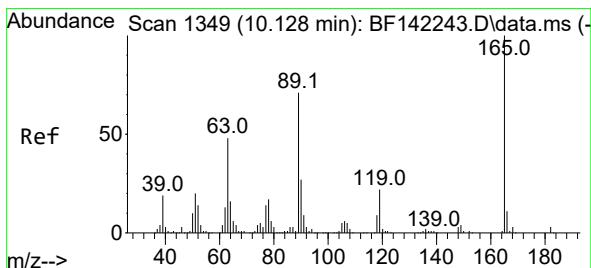
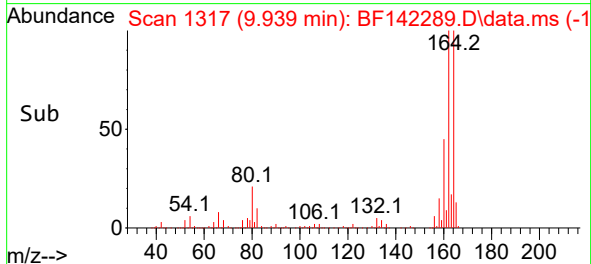
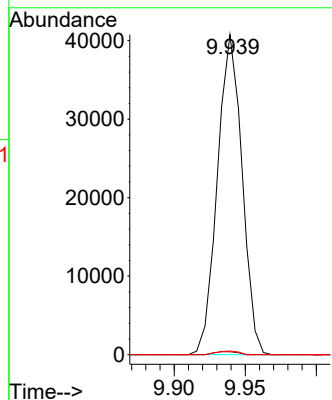
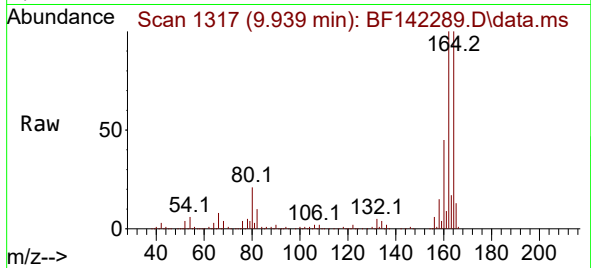




#51
2,6-Dinitrotoluene
Concen: 13.647 ng
RT: 9.939 min Scan# 1317
Delta R.T. 0.211 min
Lab File: BF142289.D
Acq: 02 May 2025 19:15

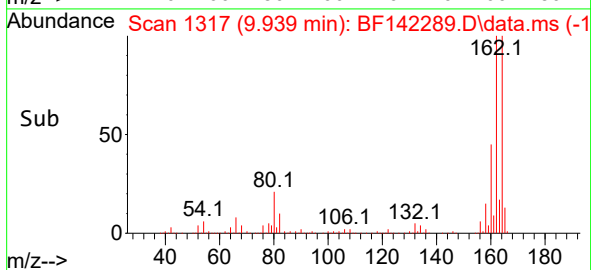
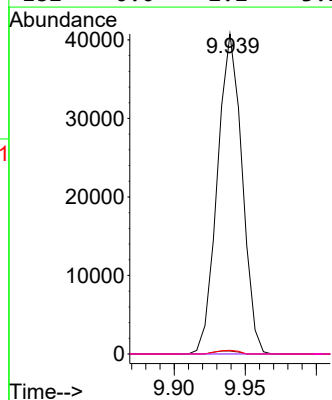
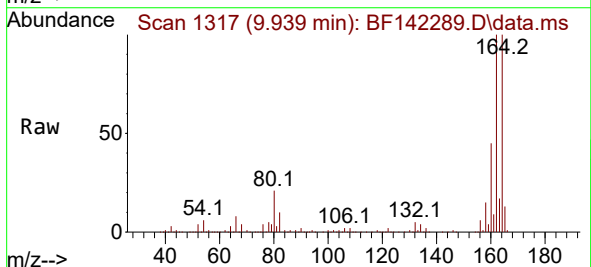
Instrument :
BNA_F
ClientSampleId :
COMP-7

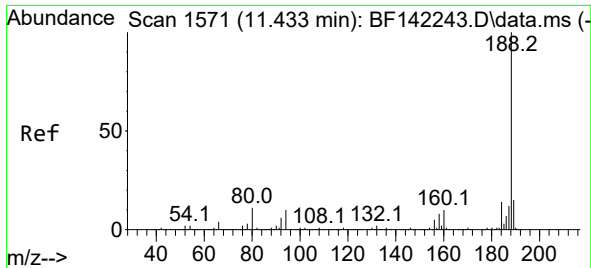
Tgt Ion:165 Resp: 49216
Ion Ratio Lower Upper
165 100
63 0.9 48.5 72.7#
89 1.2 43.9 65.9#



#57
2,4-Dinitrotoluene
Concen: 12.794 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.189 min
Lab File: BF142289.D
Acq: 02 May 2025 19:15

Tgt Ion:165 Resp: 49216
Ion Ratio Lower Upper
165 100
63 0.9 38.8 58.2#
89 1.2 57.1 85.7#
182 0.0 2.2 3.2#

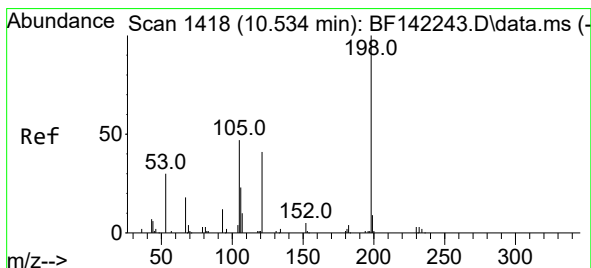
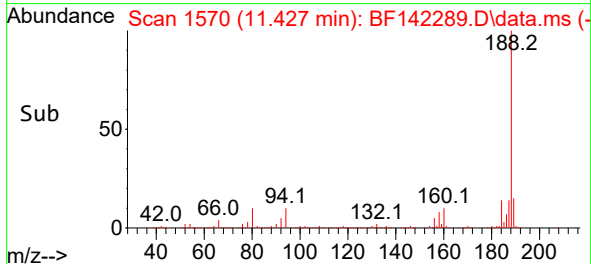
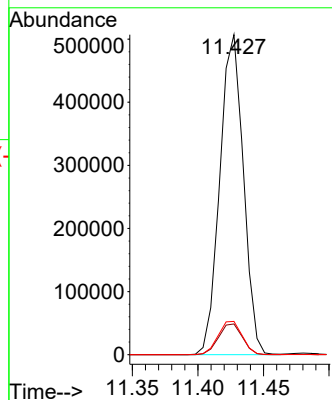
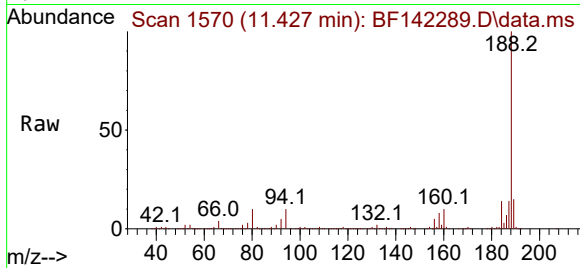




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142289.D
Acq: 02 May 2025 19:15

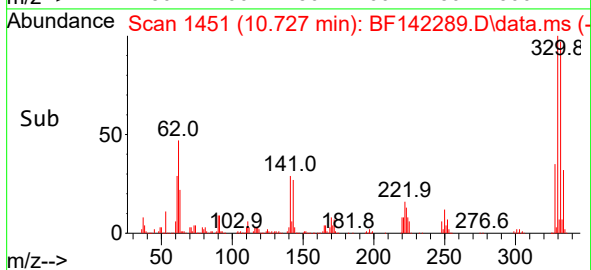
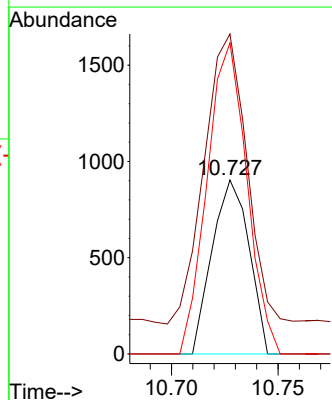
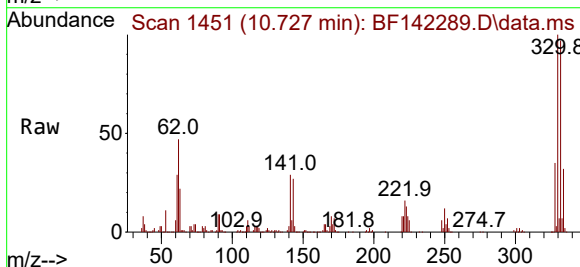
Instrument :
BNA_F
ClientSampleId :
COMP-7

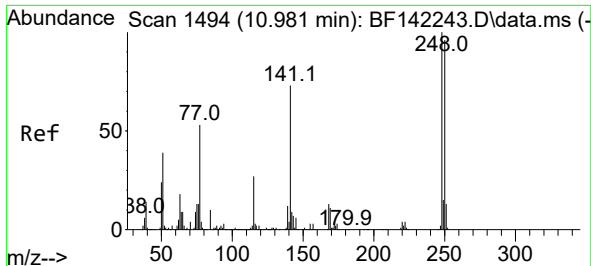
Tgt Ion:188 Resp: 633714
Ion Ratio Lower Upper
188 100
94 9.6 8.2 12.2
80 10.4 8.6 12.8



#65
4,6-Dinitro-2-methylphenol
Concen: 11.016 ng
RT: 10.727 min Scan# 1451
Delta R.T. 0.193 min
Lab File: BF142289.D
Acq: 02 May 2025 19:15

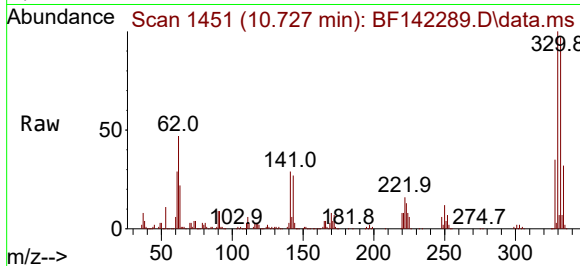
Tgt Ion:198 Resp: 1085
Ion Ratio Lower Upper
198 100
51 184.1 40.6 80.6#
105 179.0 29.2 69.2#



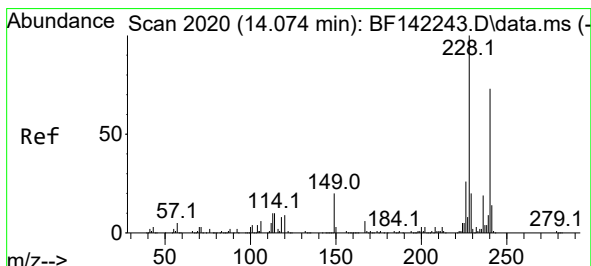
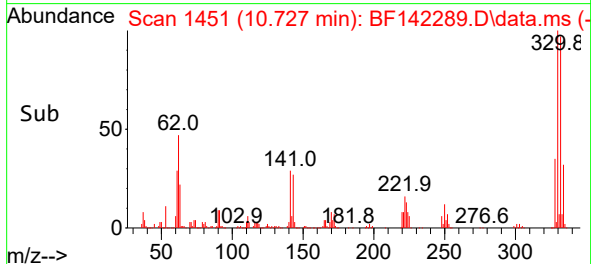
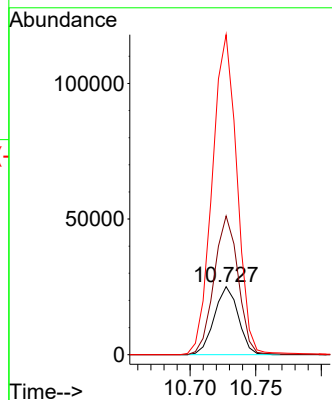


#67
4-Bromophenyl-phenylether
Concen: 4.525 ng
RT: 10.727 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF142289.D
Acq: 02 May 2025 19:15

Instrument :
BNA_F
ClientSampleId :
COMP-7

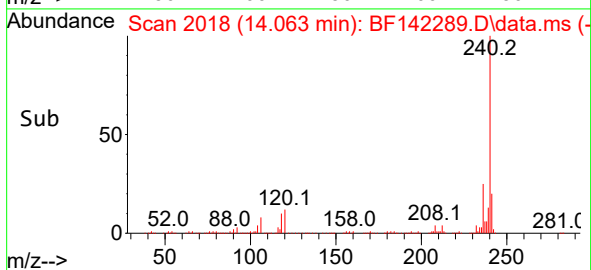
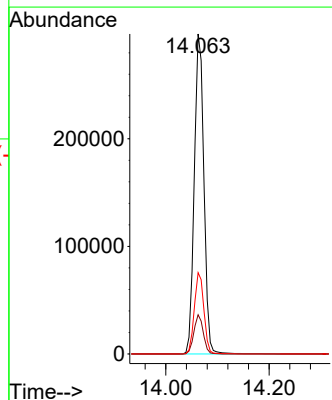
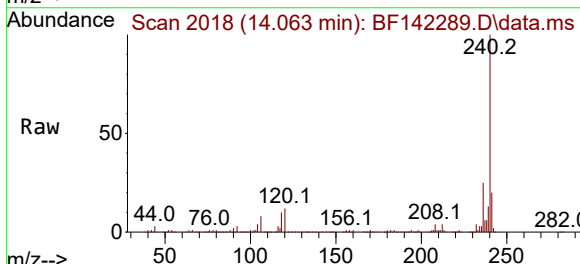


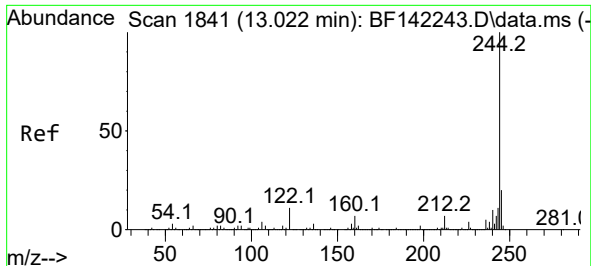
Tgt Ion:248 Resp: 31934
Ion Ratio Lower Upper
248 100
250 203.8 77.2 115.8#
141 470.2 58.4 87.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142289.D
Acq: 02 May 2025 19:15

Tgt Ion:240 Resp: 384052
Ion Ratio Lower Upper
240 100
120 12.2 10.1 15.1
236 25.4 20.5 30.7

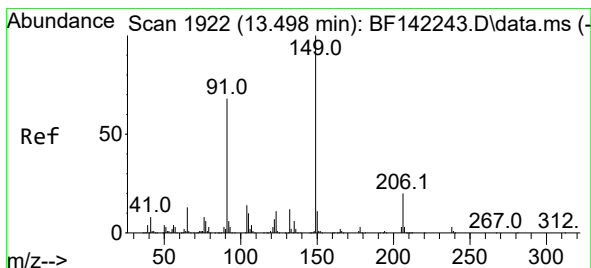
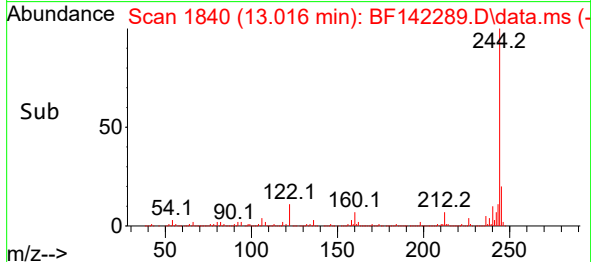
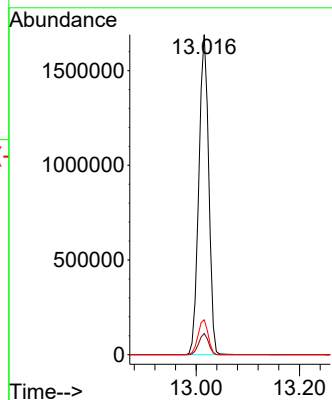
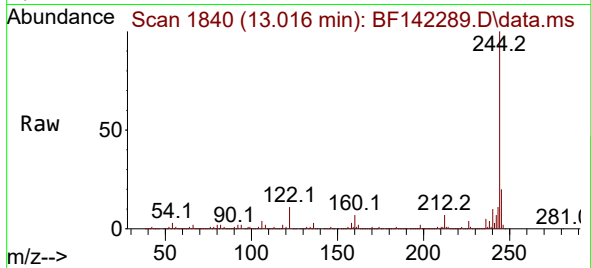




#79
 Terphenyl-d14
 Concen: 84.755 ng
 RT: 13.016 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142289.D
 Acq: 02 May 2025 19:15

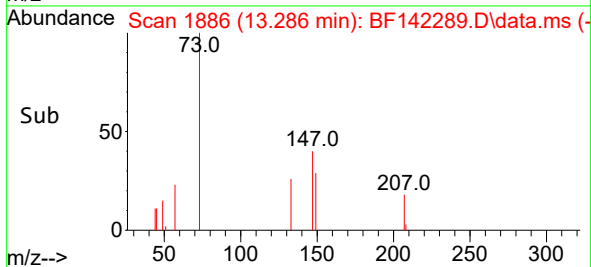
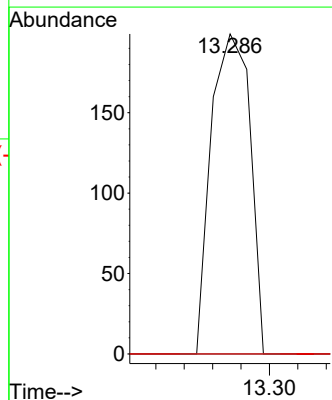
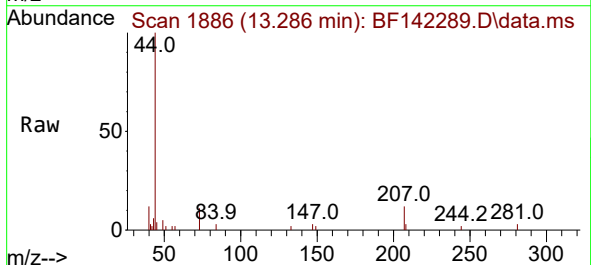
Instrument :
 BNA_F
 ClientSampleId :
 COMP-7

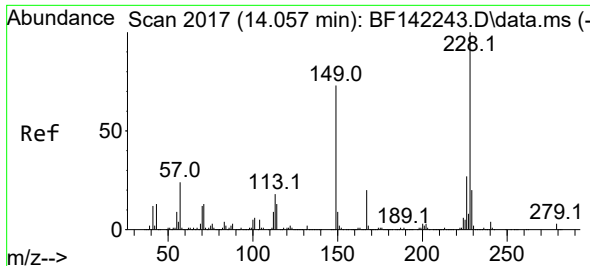
Tgt Ion:244 Resp: 2238054
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 10.9 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 3.734 ng
 RT: 13.286 min Scan# 1886
 Delta R.T. -0.212 min
 Lab File: BF142289.D
 Acq: 02 May 2025 19:15

Tgt Ion:149 Resp: 189
 Ion Ratio Lower Upper
 149 100
 91 0.0 54.4 81.6#
 206 0.0 15.9 23.9#

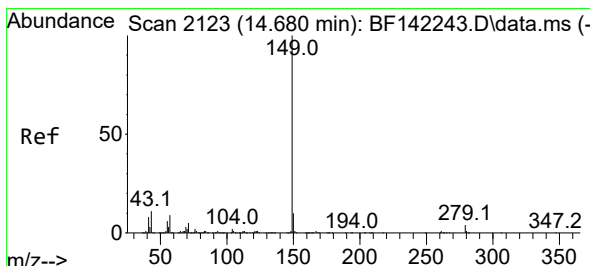
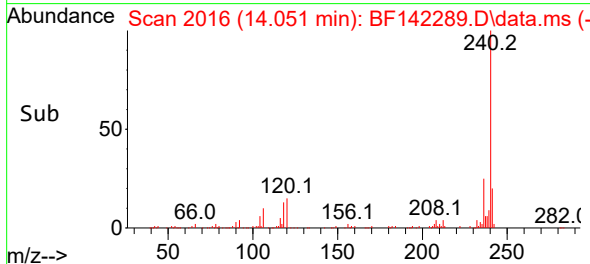
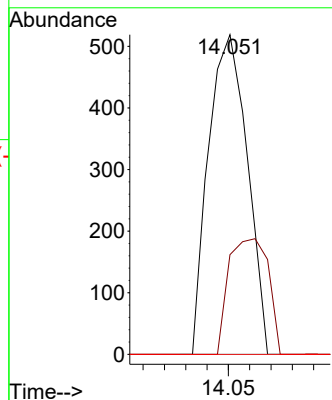
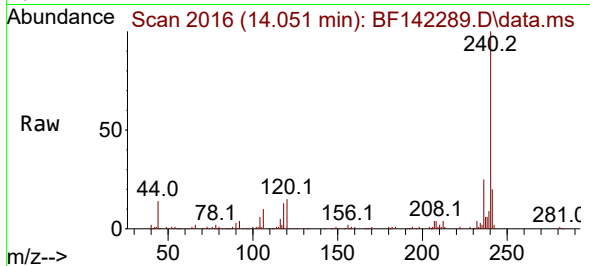




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.500 ng
 RT: 14.051 min Scan# 2017
 Delta R.T. -0.006 min
 Lab File: BF142289.D
 Acq: 02 May 2025 19:15

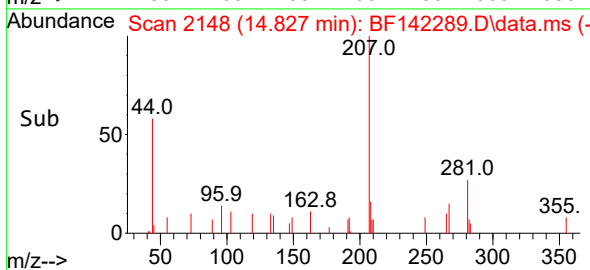
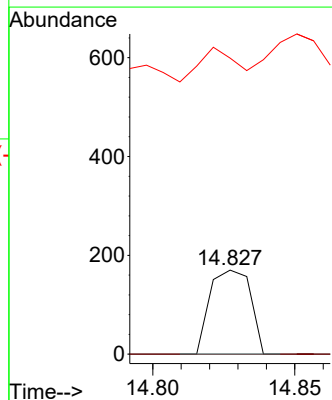
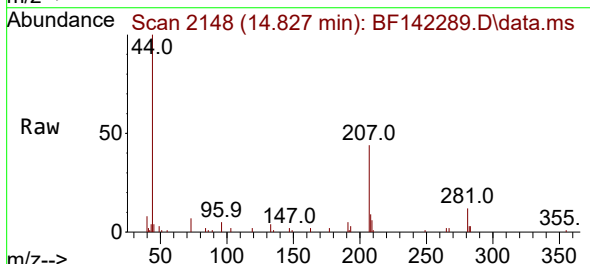
Instrument :
 BNA_F
 ClientSampleId :
 COMP-7

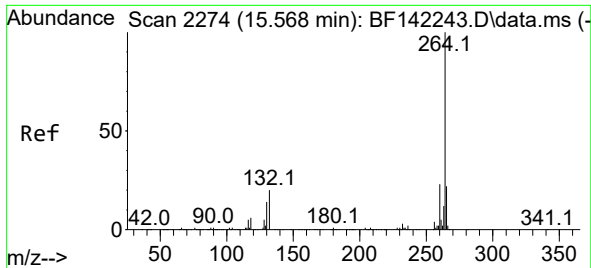
Tgt Ion:149 Resp: 657
 Ion Ratio Lower Upper
 149 100
 167 31.2 21.7 32.5
 279 0.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 6.074 ng
 RT: 14.827 min Scan# 2148
 Delta R.T. 0.147 min
 Lab File: BF142289.D
 Acq: 02 May 2025 19:15

Tgt Ion:149 Resp: 169
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.1 1.7#
 43 69.2 9.3 13.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF142289.D
 Acq: 02 May 2025 19:15

Instrument :
 BNA_F
 ClientSampleId :
 COMP-7

Tgt Ion:264 Resp: 288995
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.7 17.3 25.9

