

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
 Data File : BF143301.D
 Acq On : 04 Aug 2025 17:34
 Operator : RC/JU
 Sample : Q2753-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 289

Quant Time: Aug 04 17:58:44 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

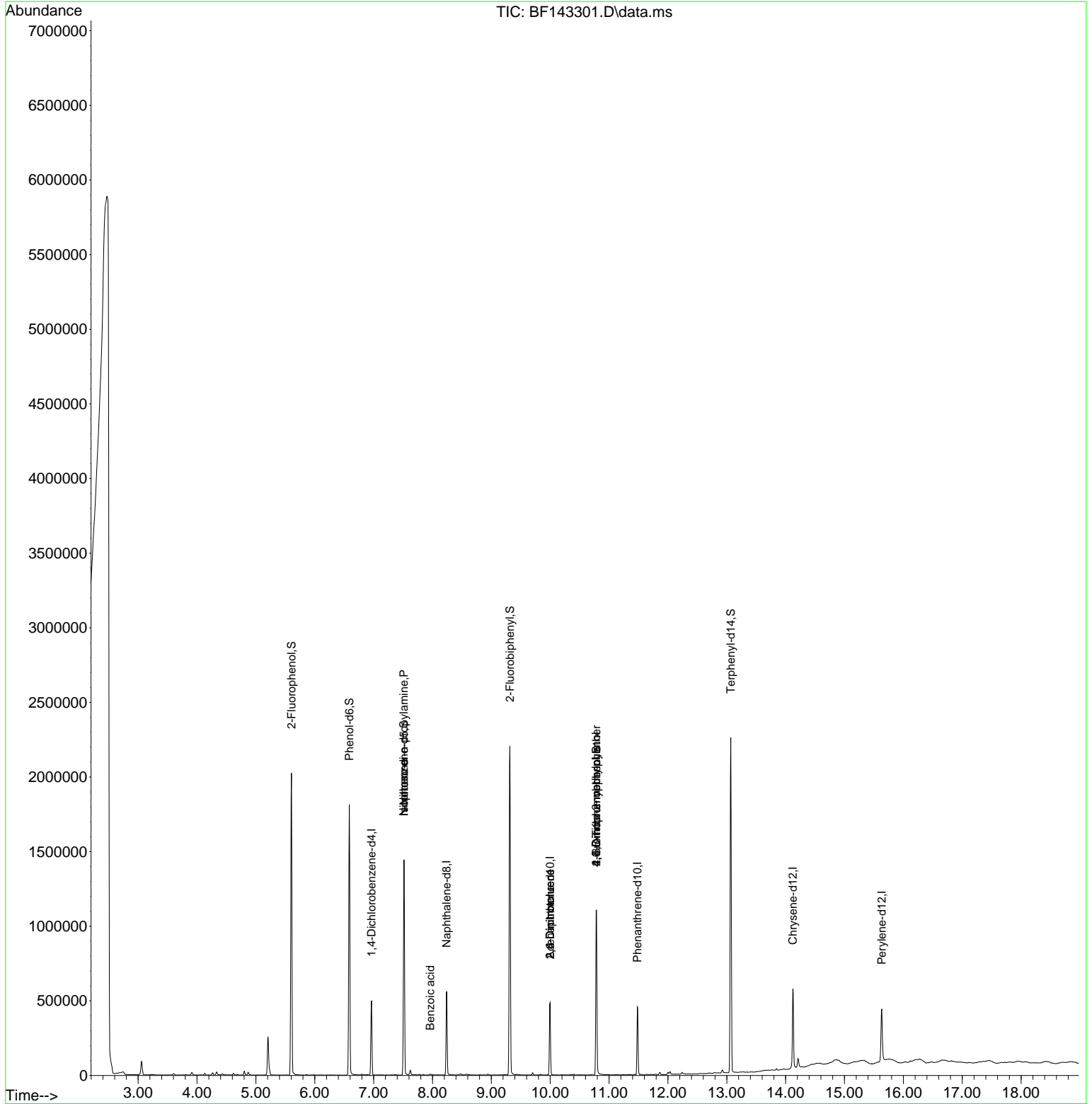
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	99718	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	340829	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	143795	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	235296	20.000	ng	0.00
76) Chrysene-d12	14.121	240	261509	20.000	ng	0.00
86) Perylene-d12	15.633	264	211170	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	745042	118.234	ng	0.02
7) Phenol-d6	6.587	99	835157	105.296	ng	0.00
23) Nitrobenzene-d5	7.516	82	626316	91.600	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	203163	136.766	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1013121	96.357	ng	0.00
79) Terphenyl-d14	13.069	244	1088369	61.933	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.516	70	83101	16.331	ng	# 80
25) Isophorone	7.516	82	619427	51.318	ng	# 66
32) Benzoic acid	7.963	122	1150	5.501	ng	93
51) 2,6-Dinitrotoluene	9.998	165	19132	10.034	ng	# 22
57) 2,4-Dinitrotoluene	9.998	165	19132	7.998	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.780	198	271	5.607	ng	# 1
67) 4-Bromophenyl-phenylether	10.786	248	12441	4.437	ng	# 1

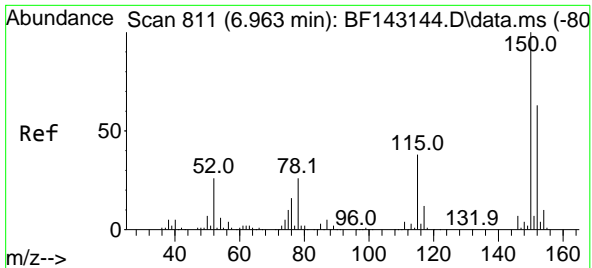
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080425\
 Data File : BF143301.D
 Acq On : 04 Aug 2025 17:34
 Operator : RC/JU
 Sample : Q2753-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 289

Quant Time: Aug 04 17:58:44 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

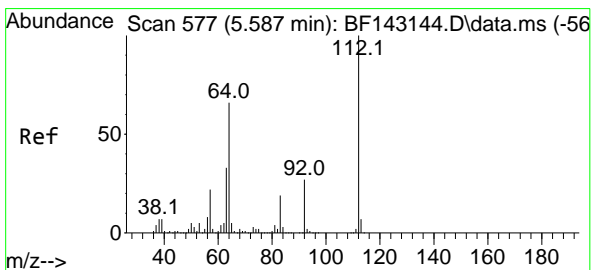
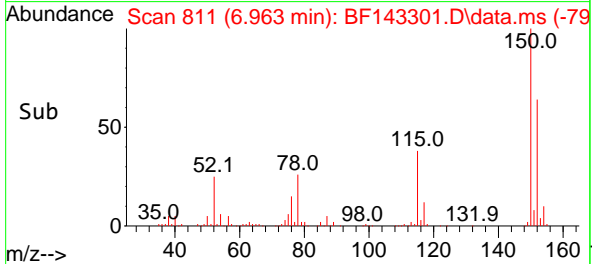
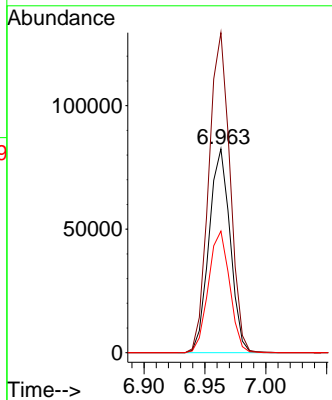
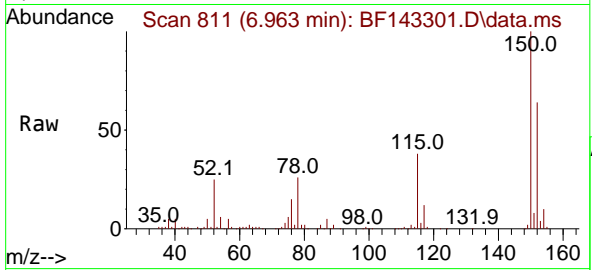




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34

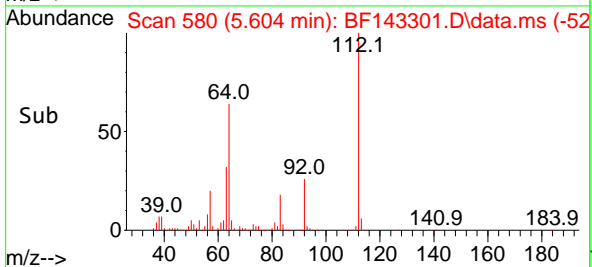
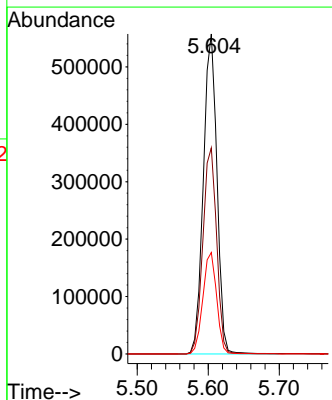
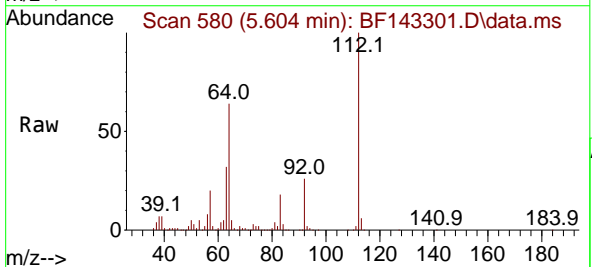
Instrument :
 BNA_F
 ClientSampleId :
 289

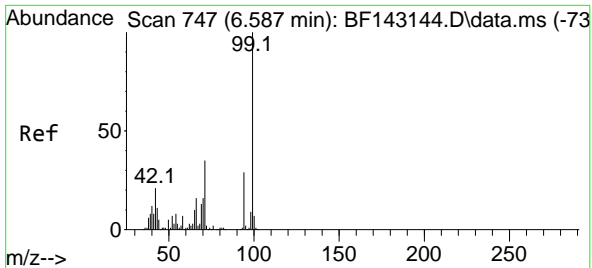
Tgt Ion:152 Resp: 99718
 Ion Ratio Lower Upper
 152 100
 150 157.0 128.2 192.4
 115 59.6 47.9 71.9



#5
 2-Fluorophenol
 Concen: 118.234 ng
 RT: 5.604 min Scan# 580
 Delta R.T. 0.018 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34

Tgt Ion:112 Resp: 745042
 Ion Ratio Lower Upper
 112 100
 64 64.4 53.1 79.7
 63 31.7 26.6 40.0



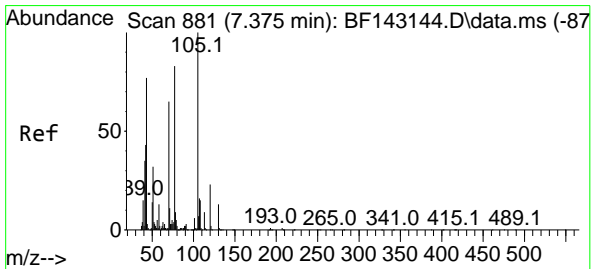
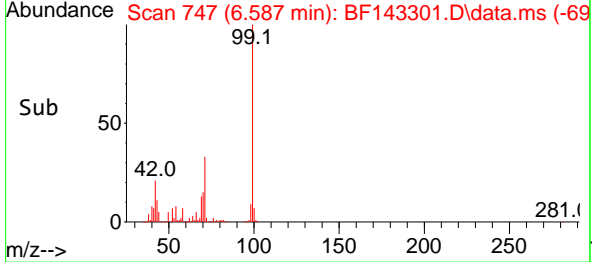
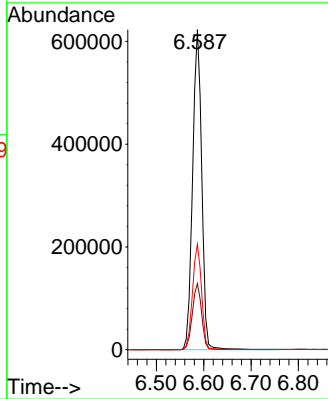
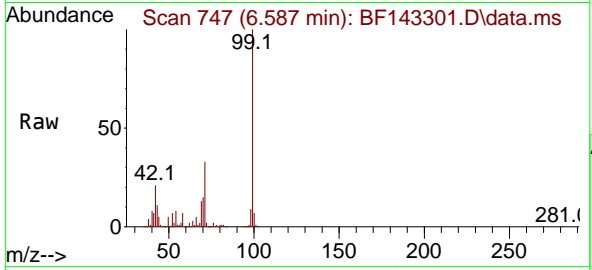


#7
 Phenol-d6
 Concen: 105.296 ng
 RT: 6.587 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34

Instrument :
 BNA_F
 ClientSampleId :
 289

Tgt Ion: 99 Resp: 835157

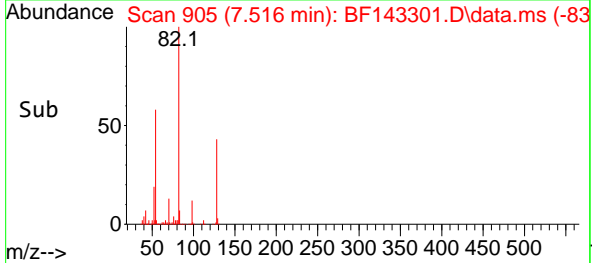
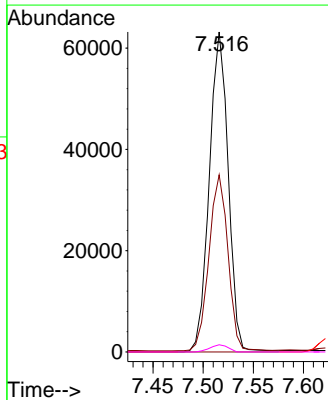
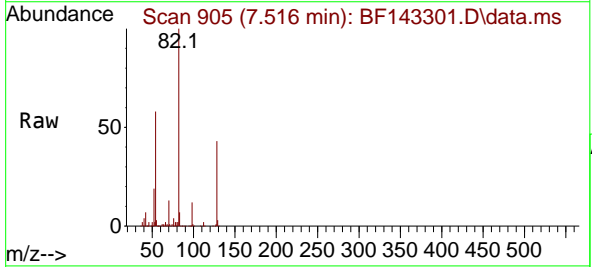
Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.0	25.6
71	33.0	27.7	41.5

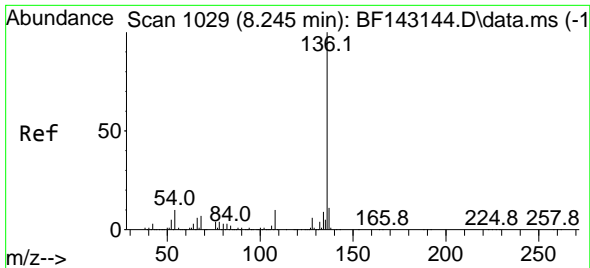


#19
 n-Nitroso-di-n-propylamine
 Concen: 16.331 ng
 RT: 7.516 min Scan# 905
 Delta R.T. 0.141 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34

Tgt Ion: 70 Resp: 83101

Ion	Ratio	Lower	Upper
70	100		
42	55.4	52.5	78.7
101	0.0	7.6	11.4#
130	2.2	16.1	24.1#



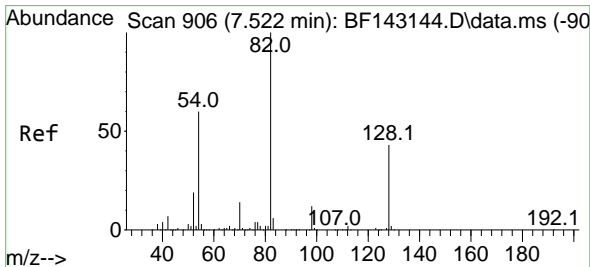
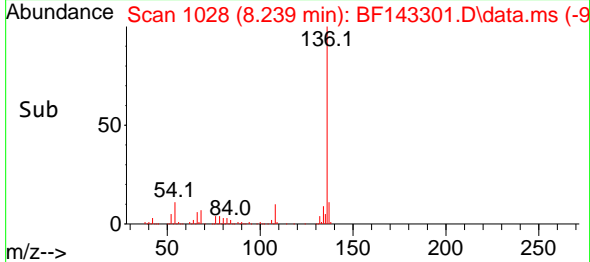
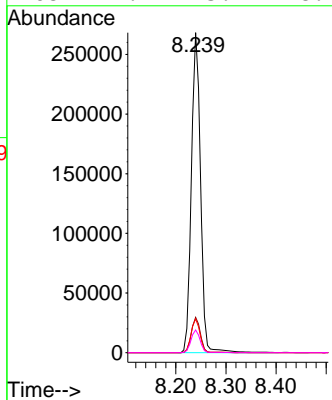
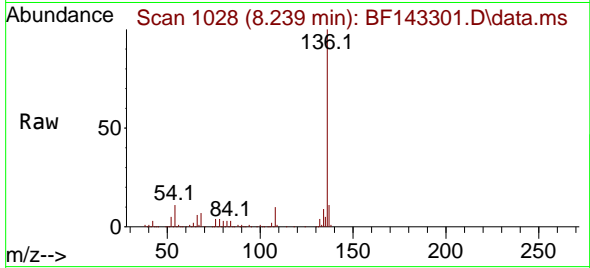


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.239 min Scan# 1028
 Delta R.T. -0.006 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34

Instrument : BNA_F
 ClientSampleId : 289

Tgt Ion:136 Resp: 340829

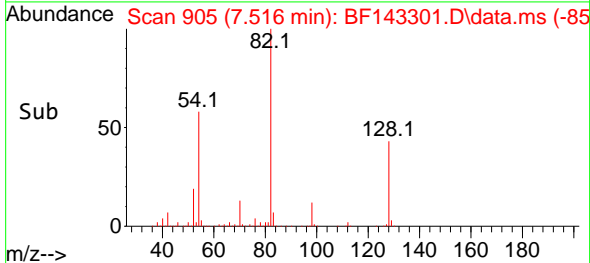
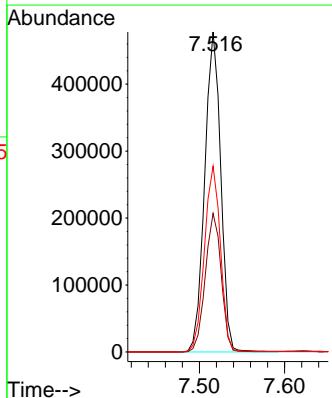
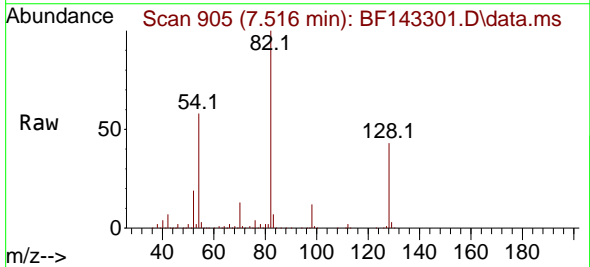
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.5	8.2	12.2
68	7.1	5.4	8.2

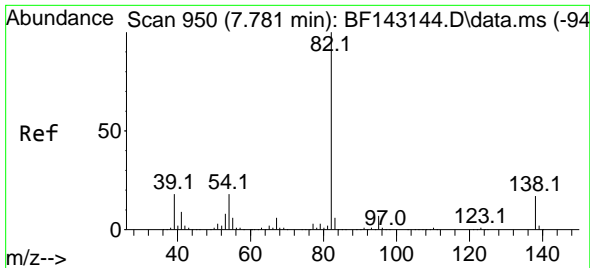


#23
 Nitrobenzene-d5
 Concen: 91.600 ng
 RT: 7.516 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34

Tgt Ion: 82 Resp: 626316

Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.6	50.4
54	58.1	47.1	70.7

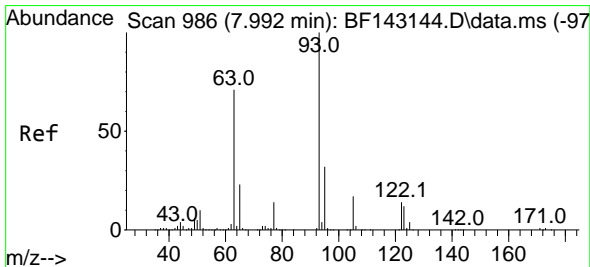
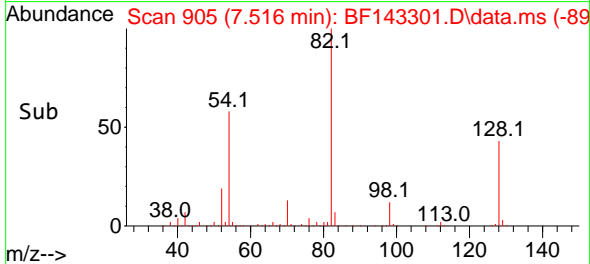
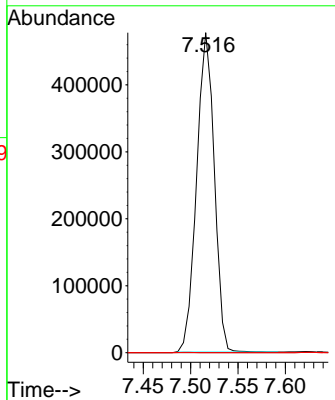
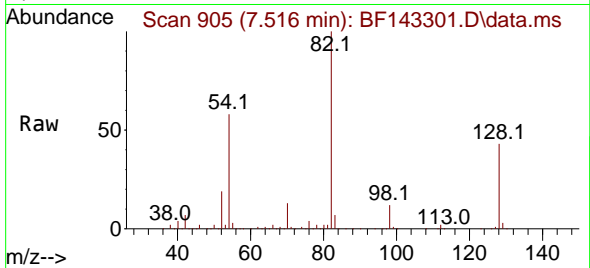




#25
 Isophorone
 Concen: 51.318 ng
 RT: 7.516 min Scan# 90
 Delta R.T. -0.265 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34

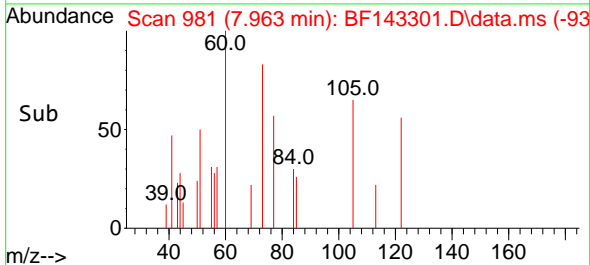
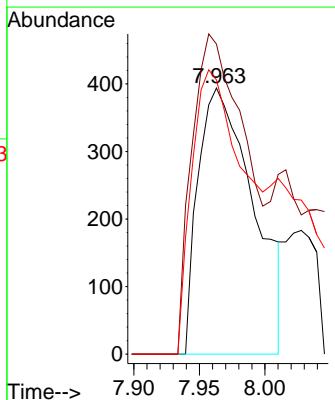
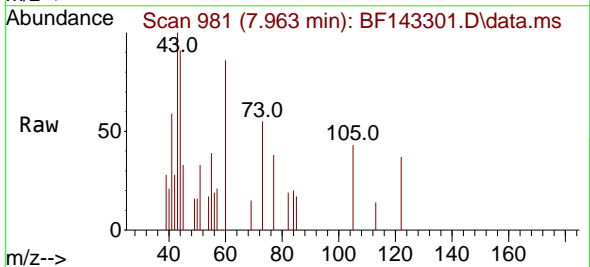
Instrument :
 BNA_F
 ClientSampleId :
 289

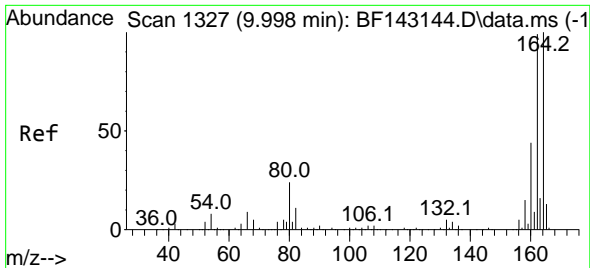
Tgt Ion: 82 Resp: 619427
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.5 8.3#
 138 0.0 13.8 20.8#



#32
 Benzoic acid
 Concen: 5.501 ng
 RT: 7.963 min Scan# 981
 Delta R.T. -0.029 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34

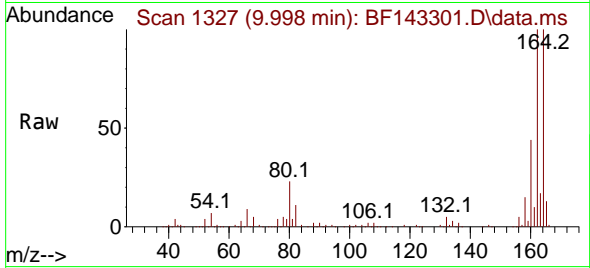
Tgt Ion: 122 Resp: 1150
 Ion Ratio Lower Upper
 122 100
 105 116.5 104.8 144.8
 77 103.0 77.6 117.6



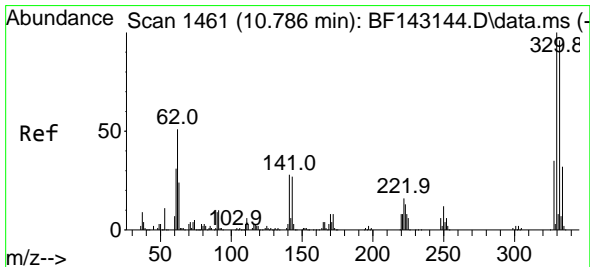
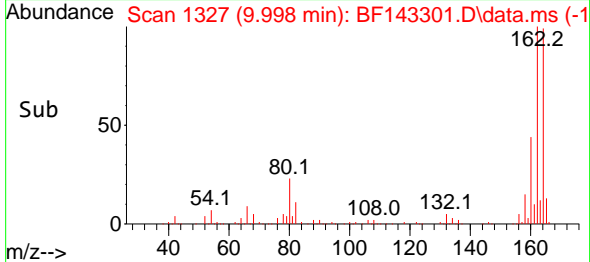
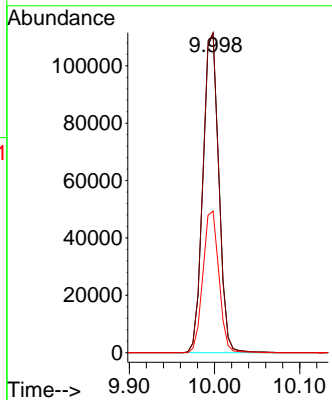


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34

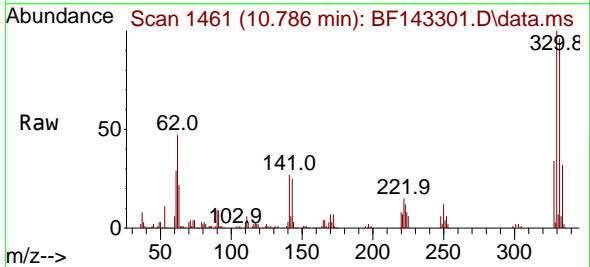
Instrument :
 BNA_F
 ClientSampleId :
 289



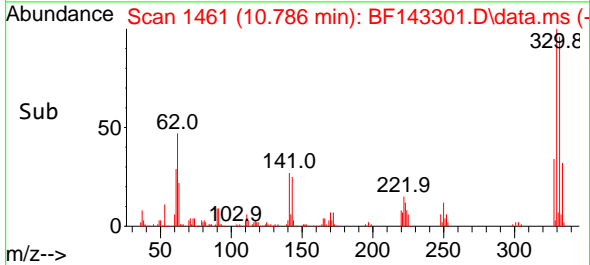
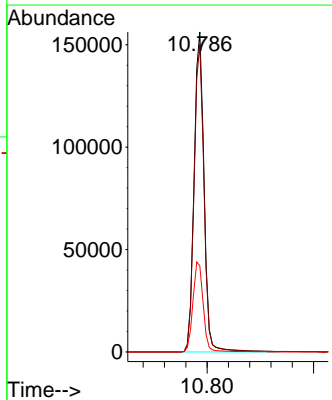
Tgt Ion:164 Resp: 143795
 Ion Ratio Lower Upper
 164 100
 162 100.3 79.0 118.6
 160 44.4 35.1 52.7

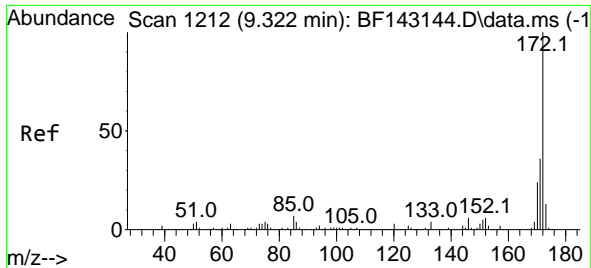


#42
 2,4,6-Tribromophenol
 Concen: 136.766 ng
 RT: 10.786 min Scan# 1461
 Delta R.T. 0.000 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34



Tgt Ion:330 Resp: 203163
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.7 115.1
 141 29.4 23.3 34.9



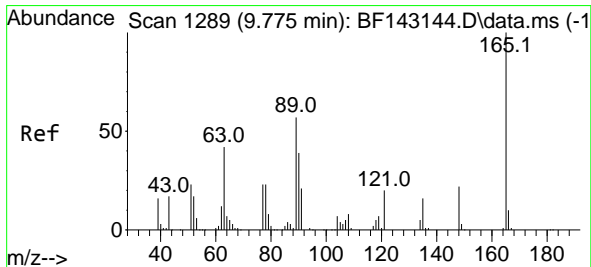
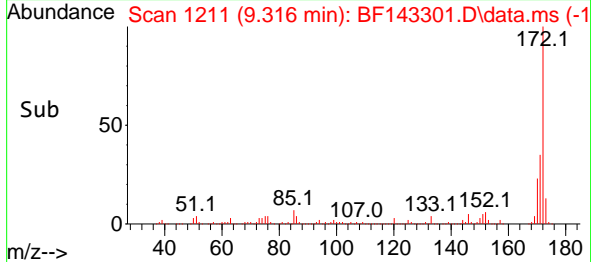
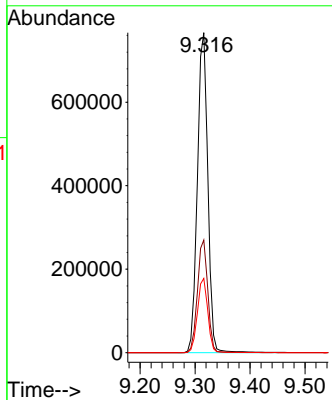
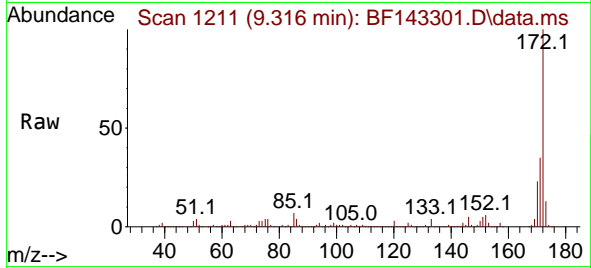


#45
 2-Fluorobiphenyl
 Concen: 96.357 ng
 RT: 9.316 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34

Instrument : BNA_F
 ClientSampleId : 289

Tgt Ion:172 Resp: 1013121

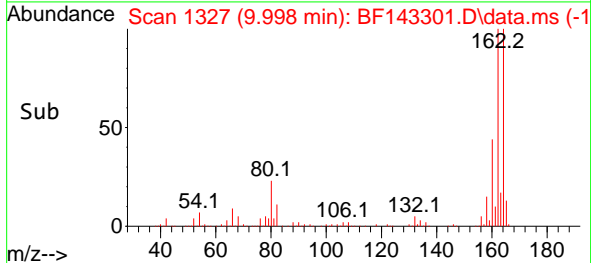
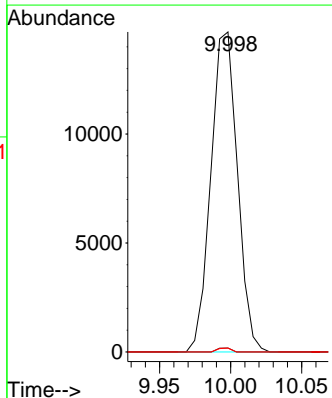
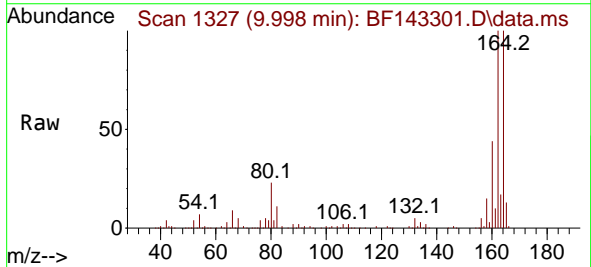
Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.2	18.8	28.2

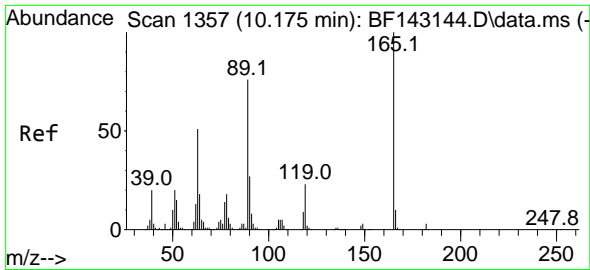


#51
 2,6-Dinitrotoluene
 Concen: 10.034 ng
 RT: 9.998 min Scan# 1327
 Delta R.T. 0.224 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34

Tgt Ion:165 Resp: 19132

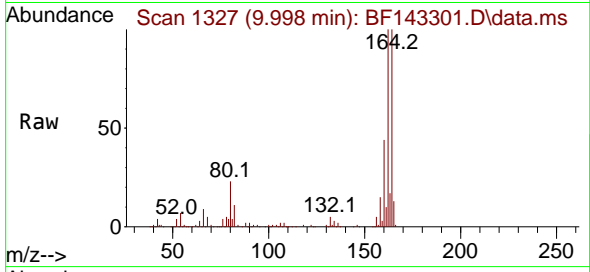
Ion	Ratio	Lower	Upper
165	100		
63	1.3	49.4	74.2#
89	1.2	46.2	69.2#



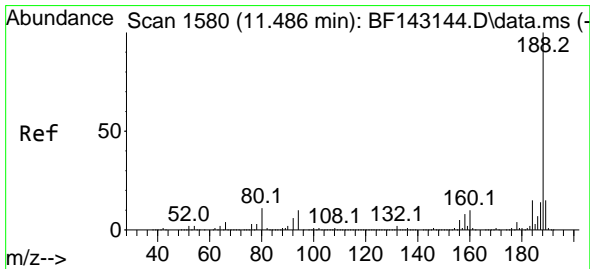
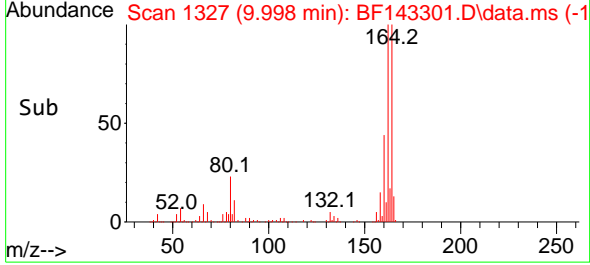
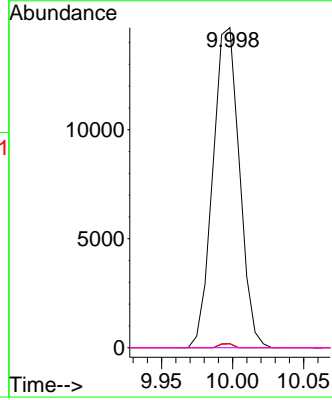


#57
 2,4-Dinitrotoluene
 Concen: 7.998 ng
 RT: 9.998 min Scan# 11
 Delta R.T. -0.176 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34

Instrument :
 BNA_F
 ClientSampleId :
 289

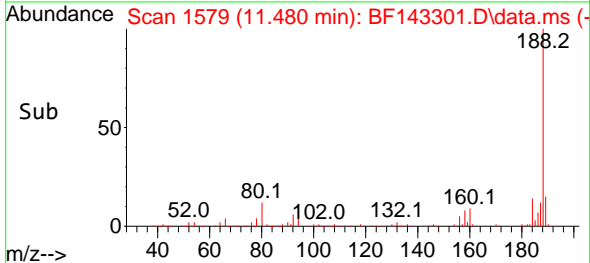
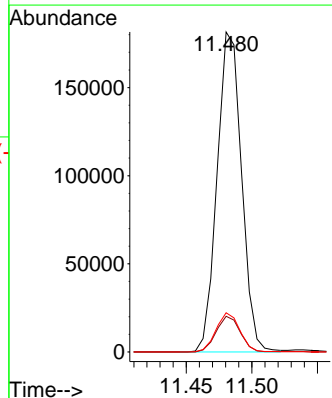
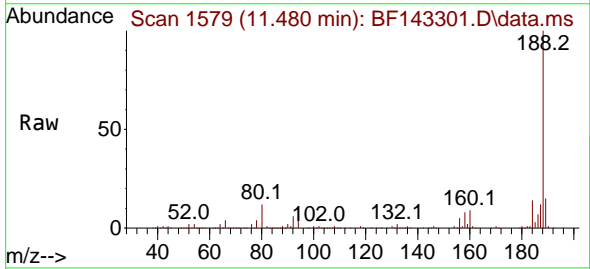


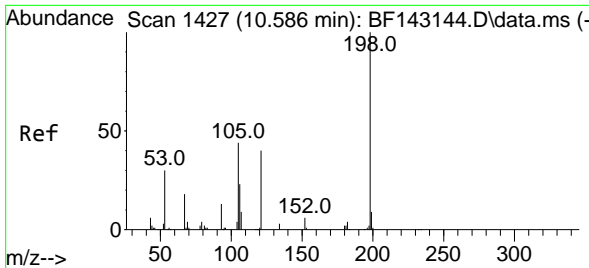
Tgt Ion:165 Resp: 19132
 Ion Ratio Lower Upper
 165 100
 63 1.3 41.0 61.4#
 89 1.2 61.1 91.7#
 182 0.0 2.3 3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.480 min Scan# 1579
 Delta R.T. -0.006 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34

Tgt Ion:188 Resp: 235296
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.3 12.5
 80 12.3 9.0 13.6



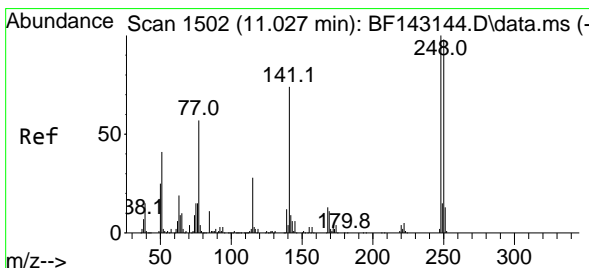
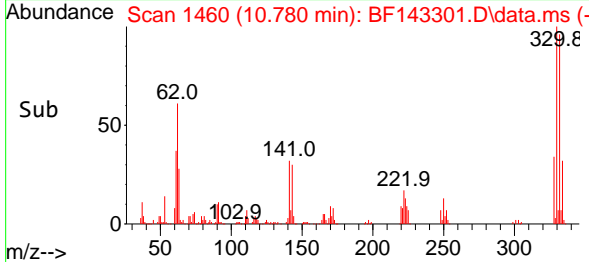
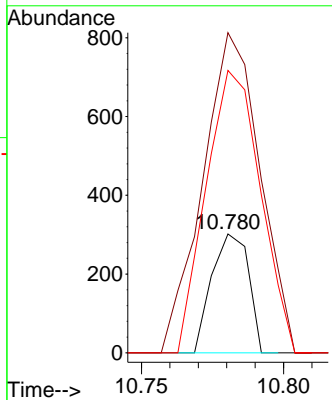
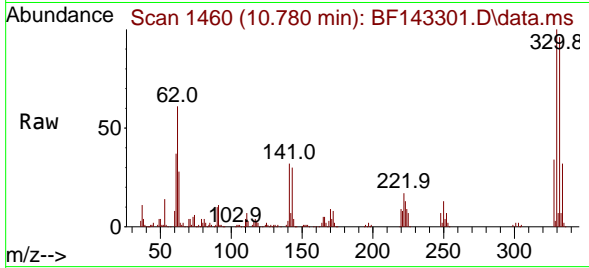


#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.607 ng
 RT: 10.780 min Scan# 1427
 Delta R.T. 0.194 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34

Instrument :
 BNA_F
 ClientSampleId :
 289

Tgt Ion:198 Resp: 271

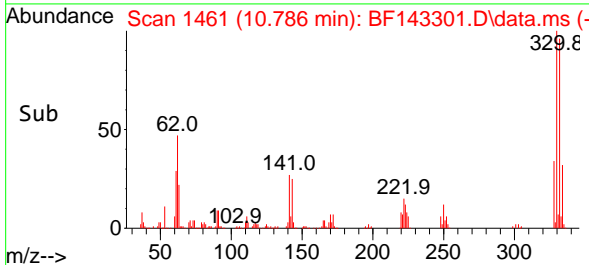
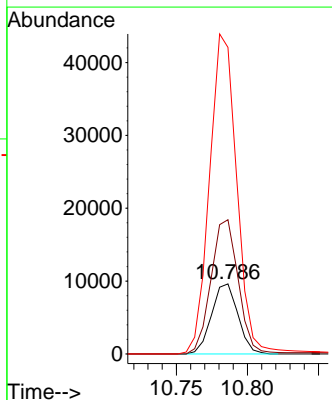
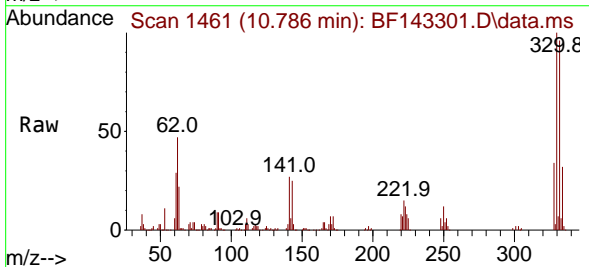
Ion	Ratio	Lower	Upper
198	100		
51	269.2	37.2	77.2#
105	237.4	24.8	64.8#

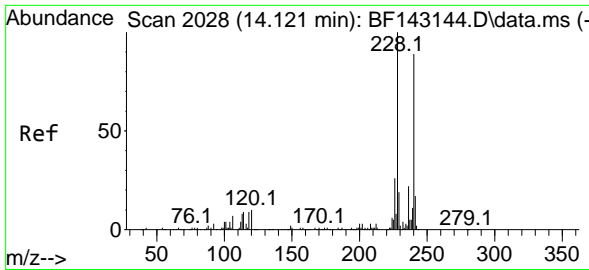


#67
 4-Bromophenyl-phenylether
 Concen: 4.437 ng
 RT: 10.786 min Scan# 1461
 Delta R.T. -0.241 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34

Tgt Ion:248 Resp: 12441

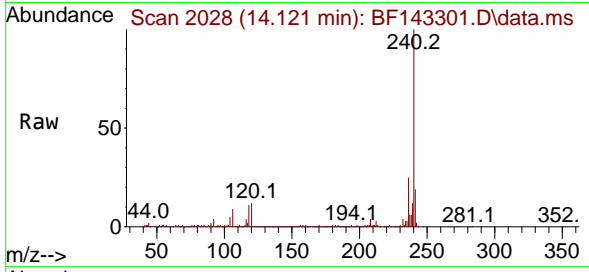
Ion	Ratio	Lower	Upper
248	100		
250	191.6	78.3	117.5#
141	437.5	59.2	88.8#



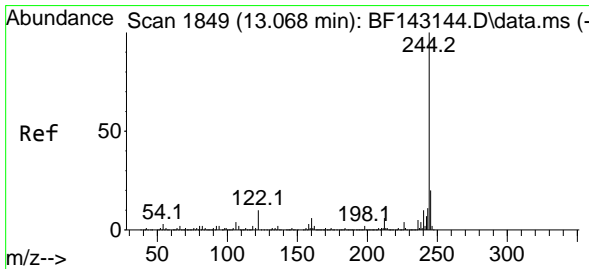
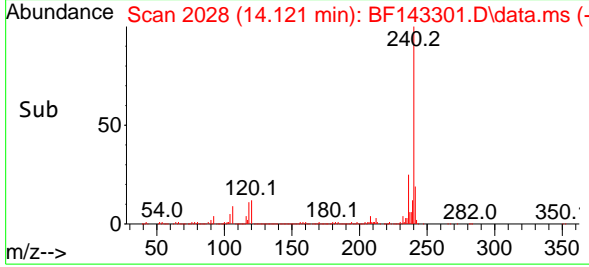
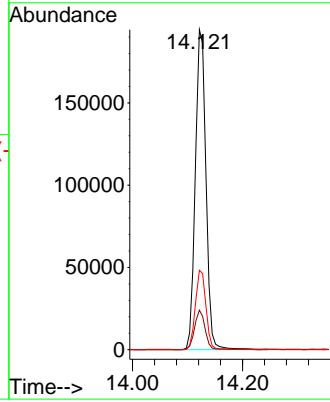


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.121 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34

Instrument : BNA_F
 ClientSampleId : 289

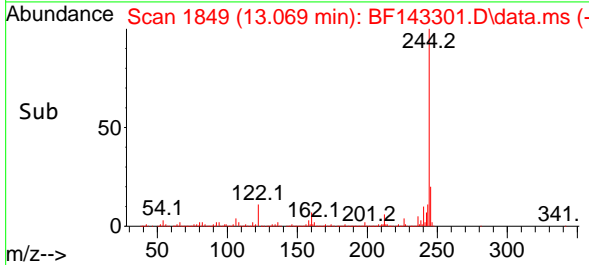
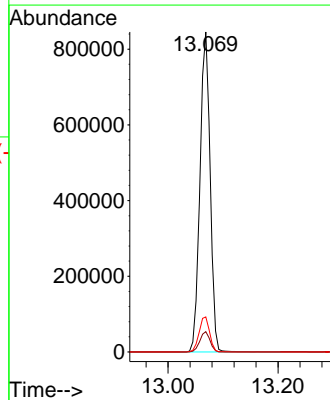
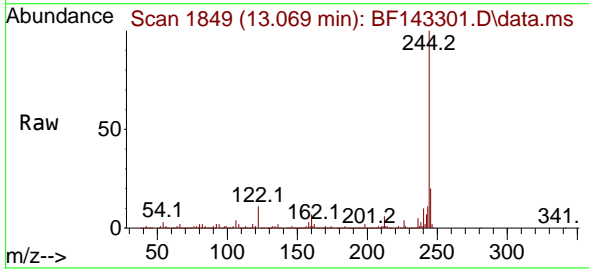


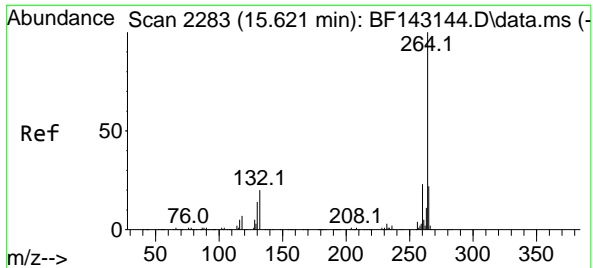
Tgt Ion:240 Resp: 261509
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.4 14.2
 236 24.8 20.2 30.4



#79
 Terphenyl-d14
 Concen: 61.933 ng
 RT: 13.069 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34

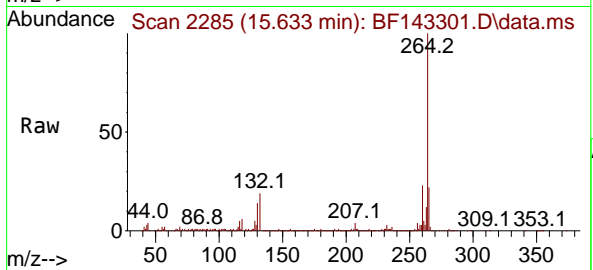
Tgt Ion:244 Resp: 1088369
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.2 7.8
 122 11.0 8.2 12.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF143301.D
 Acq: 04 Aug 2025 17:34

Instrument :
 BNA_F
 ClientSampleId :
 289



Tgt Ion:264 Resp: 211170

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	22.2	17.4	26.2

