

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
 Data File : BF144014.D
 Acq On : 21 Oct 2025 16:03
 Operator : RC/JU
 Sample : Q3386-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3444

Quant Time: Oct 21 16:30:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

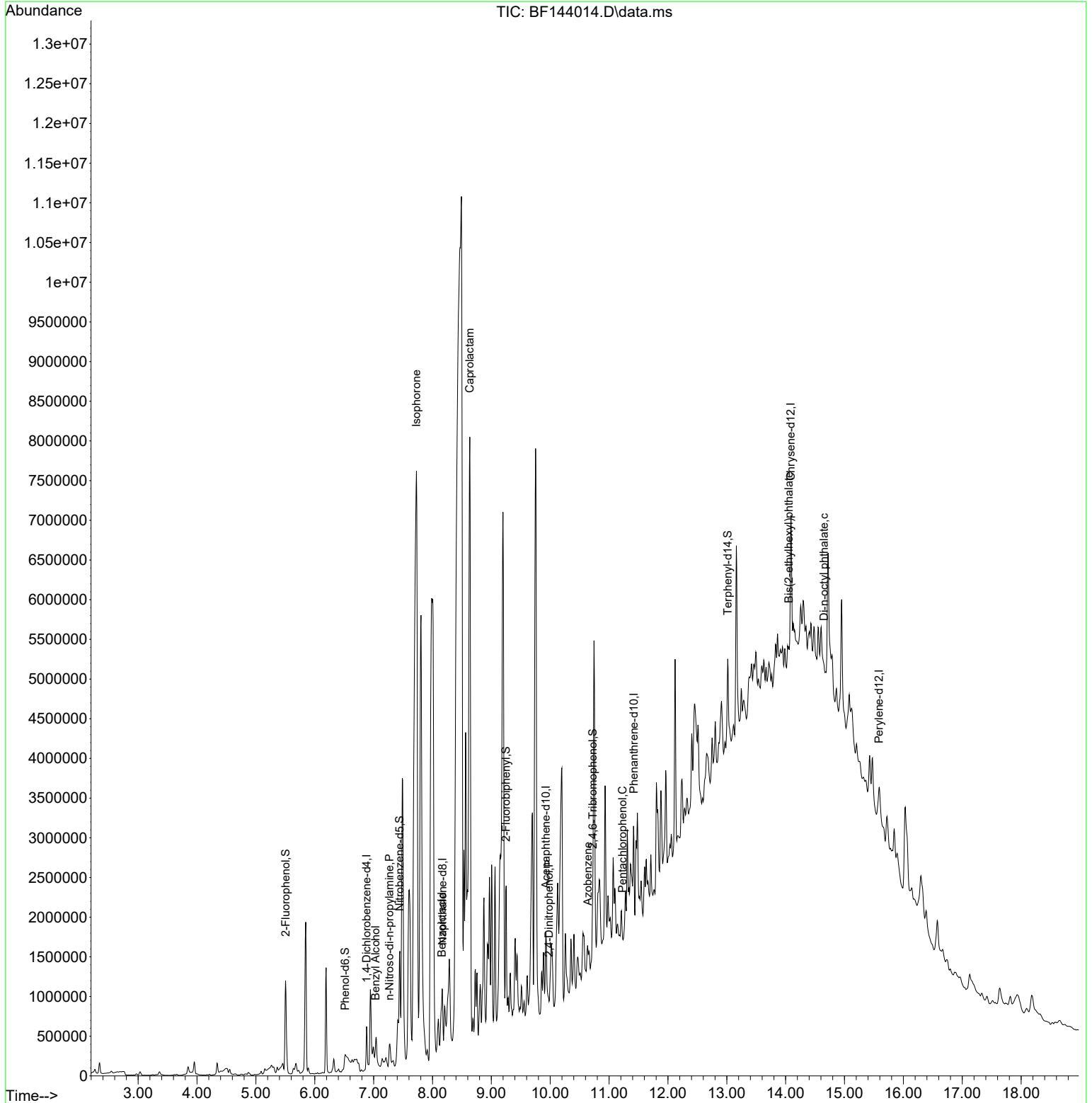
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)	
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	109277	20.00 ng	0.00	
21) Naphthalene-d8	8.169	136	380104	20.00 ng	0.00	
39) Acenaphthene-d10	9.928	164	175218	20.00 ng	0.00	
64) Phenanthrene-d10	11.422	188	254880	20.00 ng	0.00	
76) Chrysene-d12	14.086	240	175156	20.00 ng	0.02	#
86) Perylene-d12	15.586	264	269690	20.00 ng	0.04	
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	587367	85.35 ng	0.00	
7) Phenol-d6	6.516	99	514961	62.78 ng	0.00	
23) Nitrobenzene-d5	7.440	82	441754	70.61 ng	-0.02	
42) 2,4,6-Tribromophenol	10.722	330	185649	106.38 ng	0.00	
45) 2-Fluorobiphenyl	9.251	172	819469	74.21 ng	0.00	
79) Terphenyl-d14	13.016	244	714511	69.72 ng	0.00	
Target Compounds						
15) Benzyl Alcohol	7.034	79	41472	6.75 ng		Qvalue 94
19) n-Nitroso-di-n-propyla...	7.269	70	28562	5.09 ng		# 21
25) Isophorone	7.728	82	81676	6.19 ng		# 69
32) Benzoic acid	8.157	122	171594	46.27 ng		97
35) Caprolactam	8.634	113	11078	6.24 ng		# 1
54) 2,4-Dinitrophenol	9.981	184	173	7.07 ng		# 1
63) Azobenzene	10.639	77	50232	4.65 ng		# 1
70) Pentachlorophenol	11.228	266	6743	3.60 ng		94
84) Bis(2-ethylhexyl)phtha...	14.057	149	162000	28.34 ng		# 89
85) Di-n-octyl phthalate	14.651	149	21128	2.25 ng		# 69

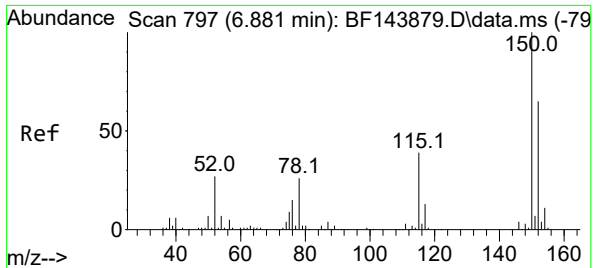
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
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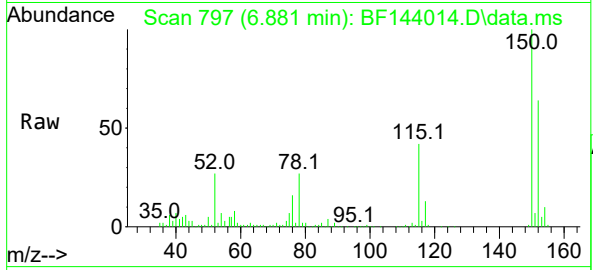
Quant Time: Oct 21 16:30:07 2025
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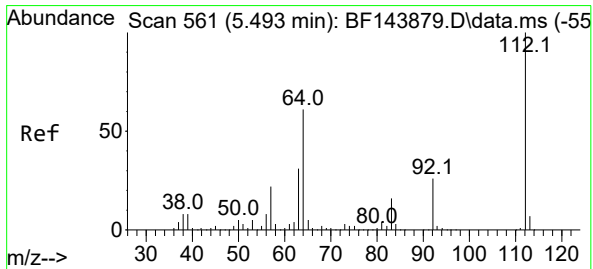
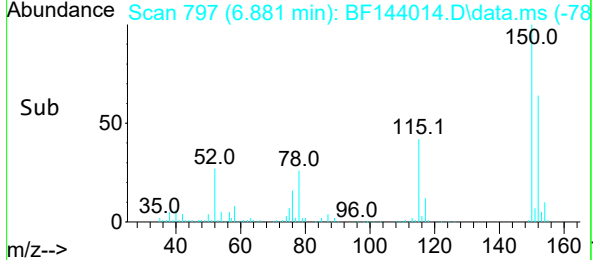
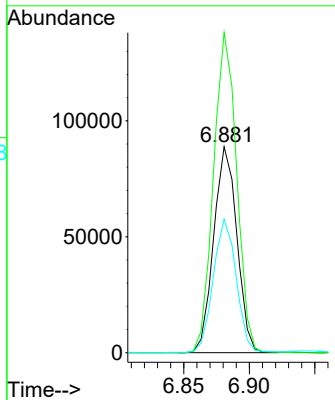


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.881 min Scan# 797
 Delta R.T. -0.005 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

Instrument :
 BNA_F
 ClientSampleId :
 3444

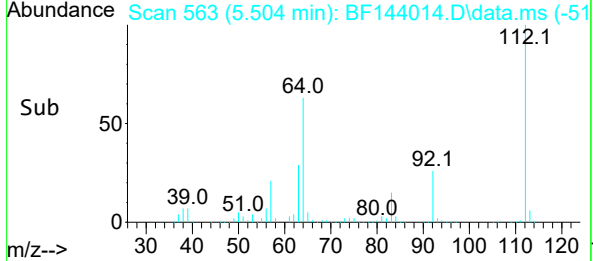
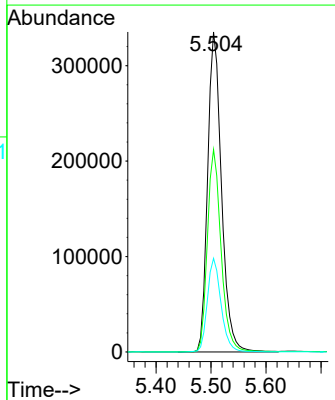
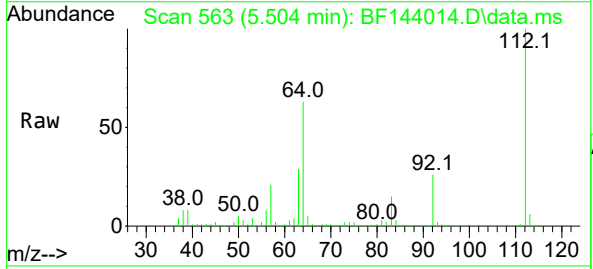


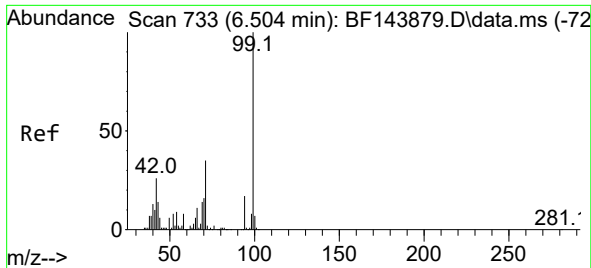
Tgt Ion:152 Resp: 109277
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.4 186.6
 115 64.8 48.1 72.1



#5
 2-Fluorophenol
 Concen: 85.35 ng
 RT: 5.504 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

Tgt Ion:112 Resp: 587367
 Ion Ratio Lower Upper
 112 100
 64 63.2 49.1 73.7
 63 29.2 24.5 36.7



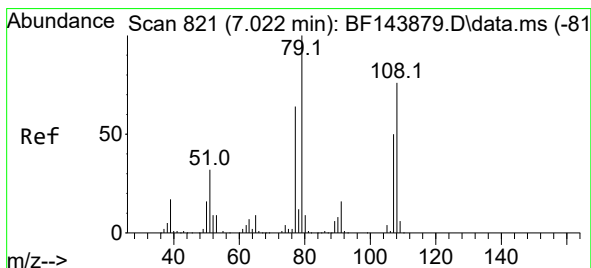
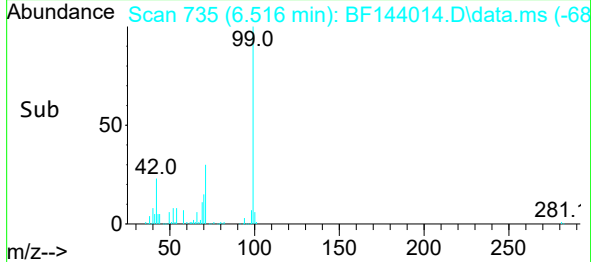
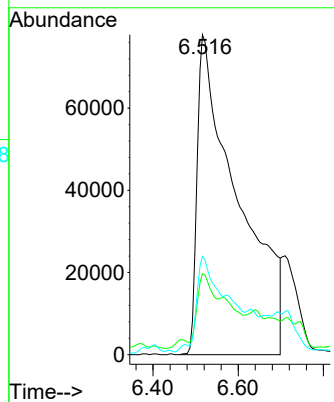
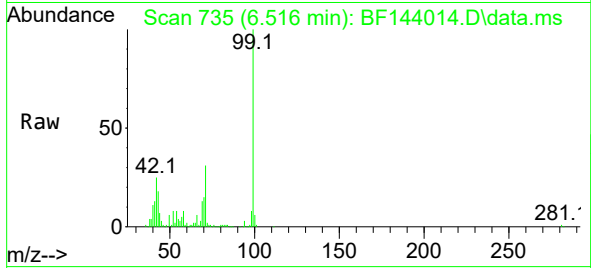


#7
 Phenol-d6
 Concen: 62.78 ng
 RT: 6.516 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

Instrument :
 BNA_F
 ClientSampleId :
 3444

Tgt Ion: 99 Resp: 514961

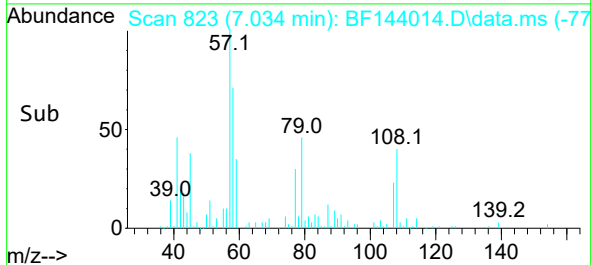
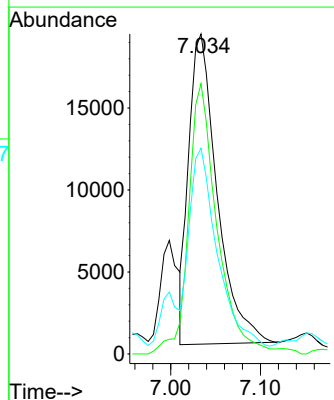
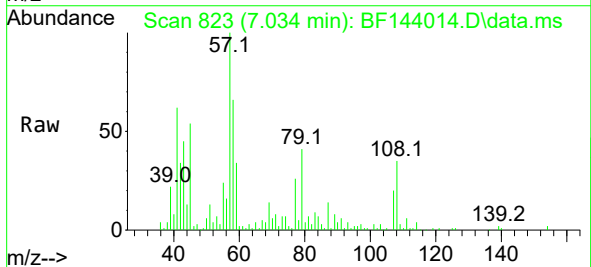
Ion	Ratio	Lower	Upper
99	100		
42	25.3	21.0	31.4
71	30.7	27.8	41.8

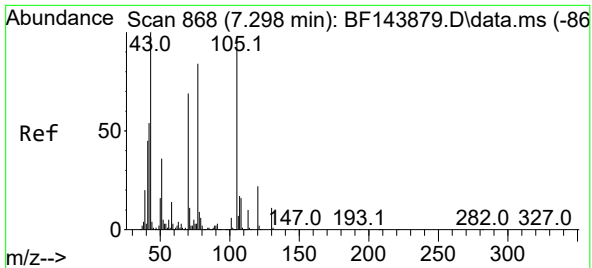


#15
 Benzyl Alcohol
 Concen: 6.75 ng
 RT: 7.034 min Scan# 823
 Delta R.T. 0.000 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

Tgt Ion: 79 Resp: 41472

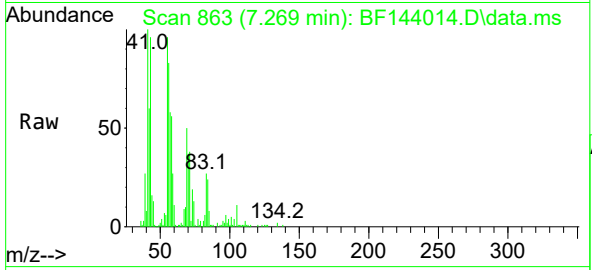
Ion	Ratio	Lower	Upper
79	100		
108	84.5	60.8	91.2
77	64.3	51.0	76.6





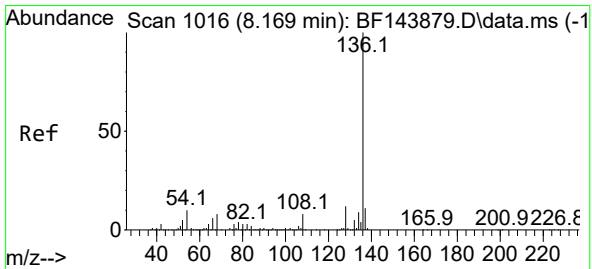
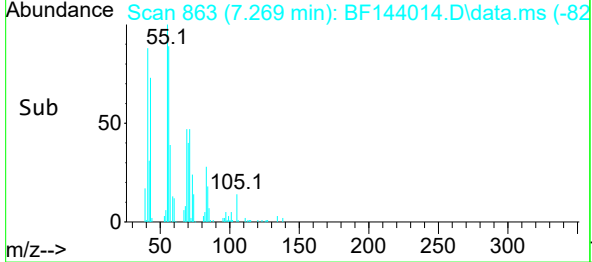
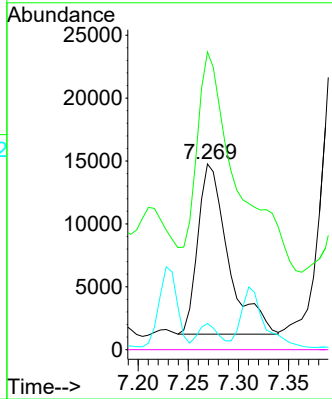
#19
 n-Nitroso-di-n-propylamine
 Concen: 5.09 ng
 RT: 7.269 min Scan# 80
 Delta R.T. -0.047 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

Instrument :
 BNA_F
 ClientSampleId :
 3444



Tgt Ion: 70 Resp: 28562

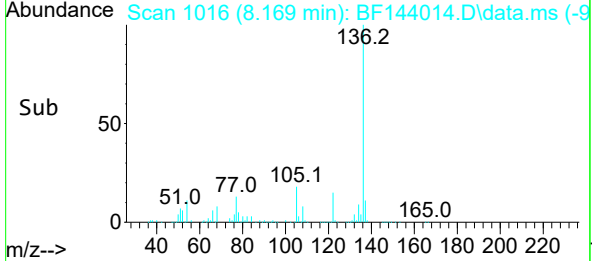
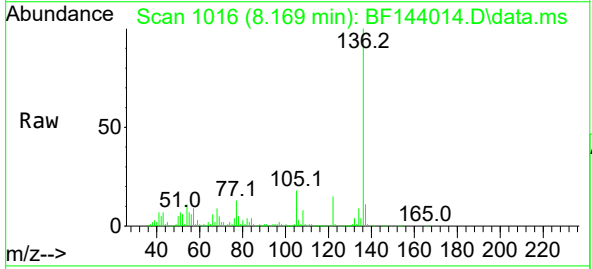
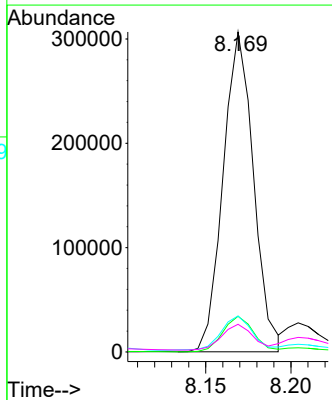
Ion	Ratio	Lower	Upper
70	100		
42	160.3	62.8	94.2#
101	14.2	6.7	10.1#
130	0.0	13.0	19.4#

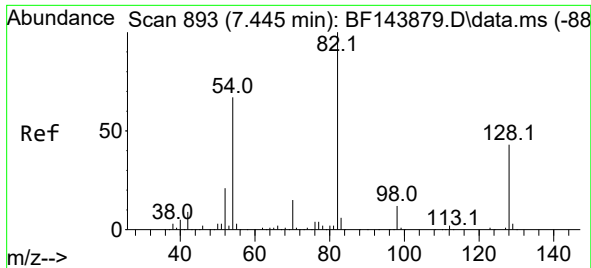


#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.169 min Scan# 1016
 Delta R.T. -0.000 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

Tgt Ion: 136 Resp: 380104

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	11.2	8.2	12.4
68	8.6	6.2	9.4

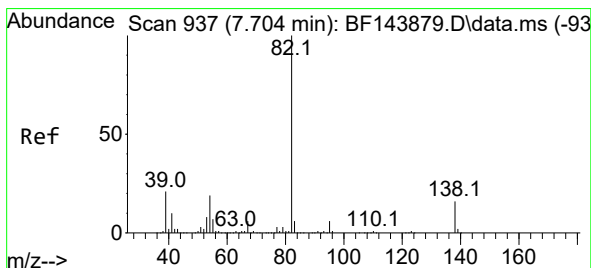
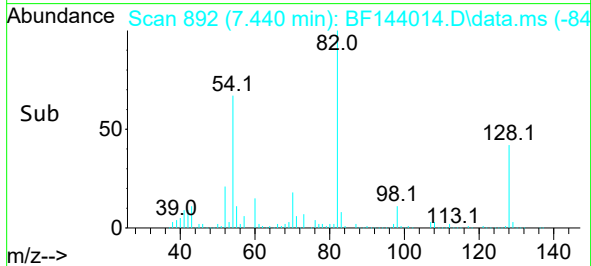
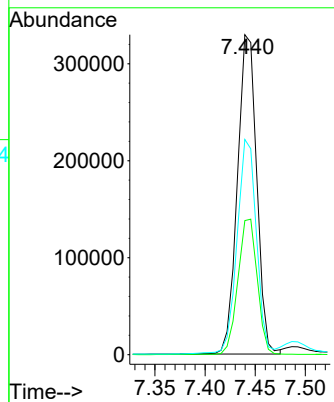
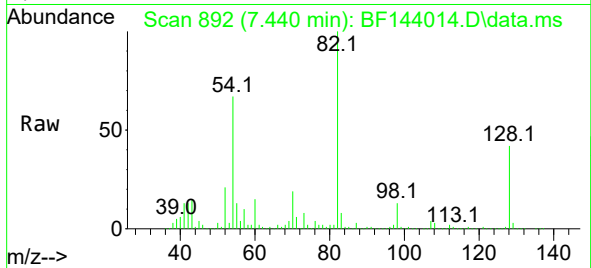




#23
 Nitrobenzene-d5
 Concen: 70.61 ng
 RT: 7.440 min Scan# 891
 Delta R.T. -0.017 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

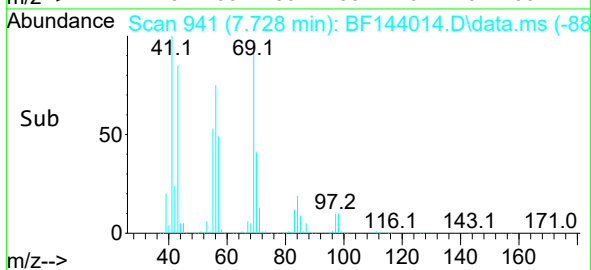
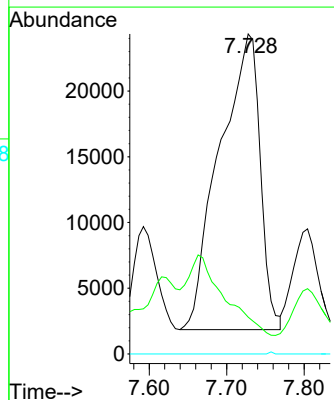
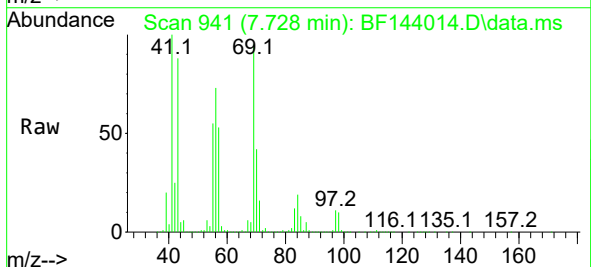
Instrument :
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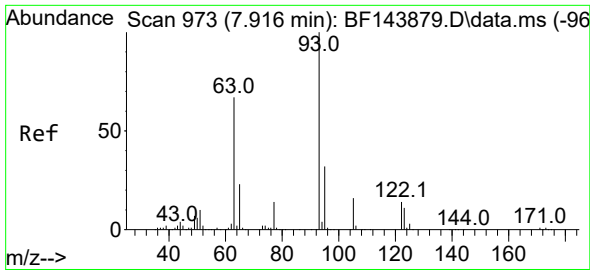
Tgt Ion	Resp	Lower	Upper
82	441754		
128	41.9	34.0	51.0
54	67.2	53.2	79.8



#25
 Isophorone
 Concen: 6.19 ng
 RT: 7.728 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

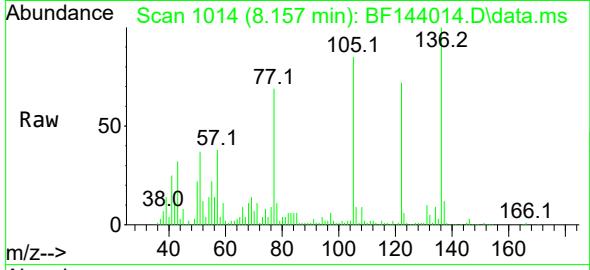
Tgt Ion	Resp	Lower	Upper
82	81676		
95	11.5	5.1	7.7#
138	0.0	12.9	19.3#



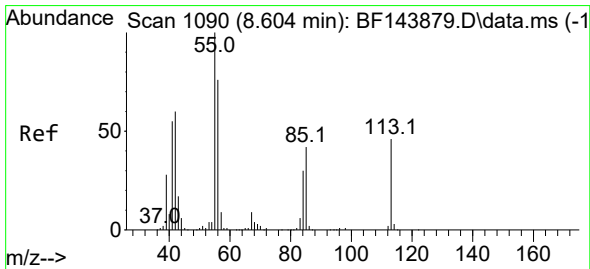
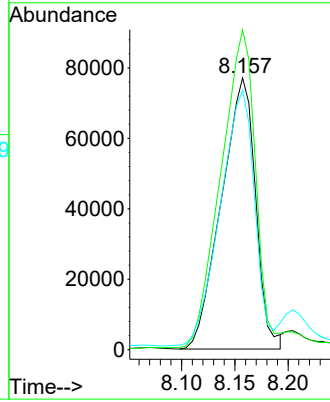
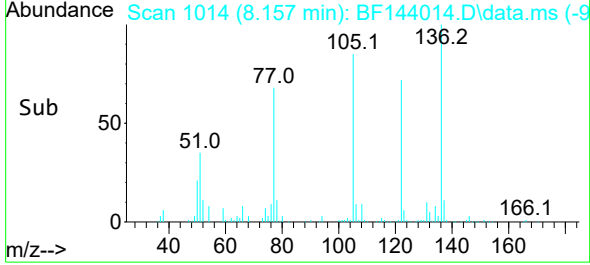


#32
 Benzoic acid
 Concen: 46.27 ng
 RT: 8.157 min Scan# 1014
 Delta R.T. 0.194 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

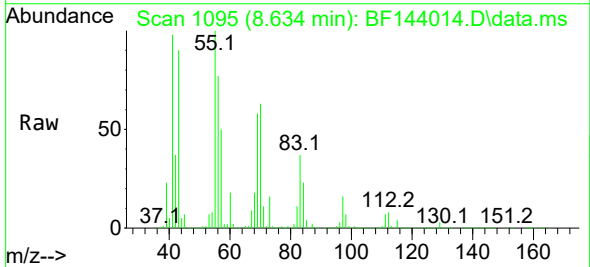
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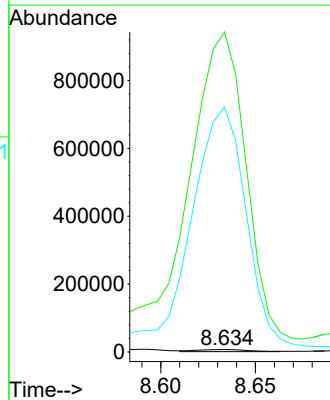
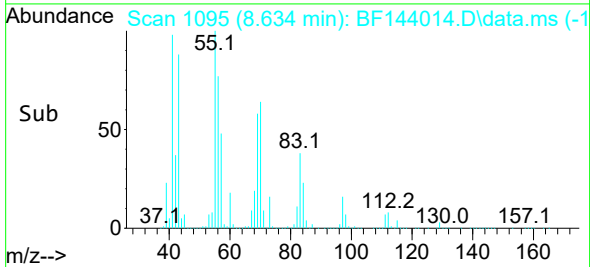
Tgt Ion:122 Resp: 171594
 Ion Ratio Lower Upper
 122 100
 105 117.7 93.5 133.5
 77 95.5 76.3 116.3

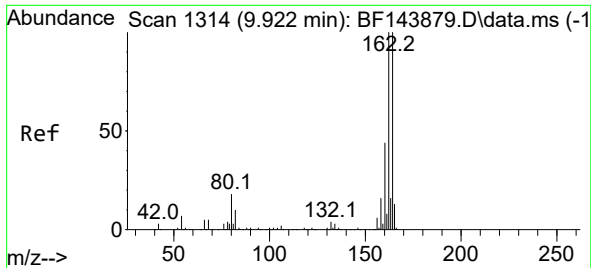


#35
 Caprolactam
 Concen: 6.24 ng
 RT: 8.634 min Scan# 1095
 Delta R.T. -0.012 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03



Tgt Ion:113 Resp: 11078
 Ion Ratio Lower Upper
 113 100
 55 13115.9 199.6 239.6#
 56 10036.4 146.0 186.0#

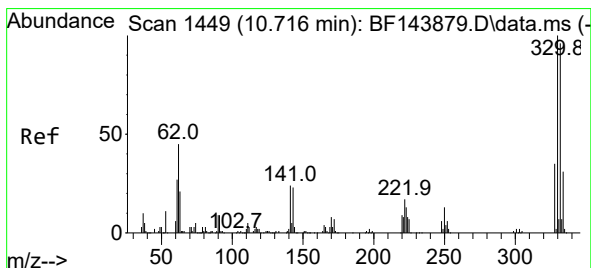
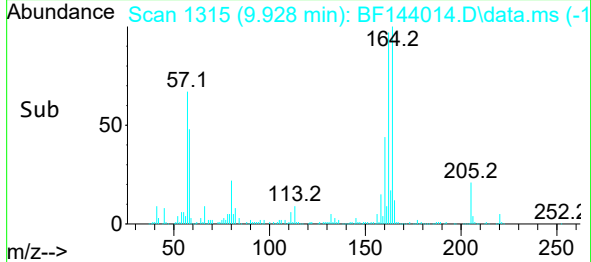
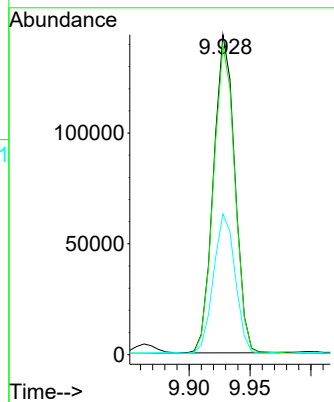
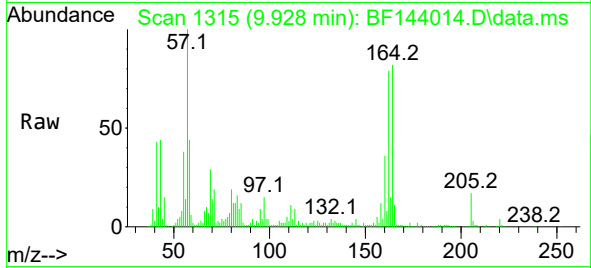




#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.928 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

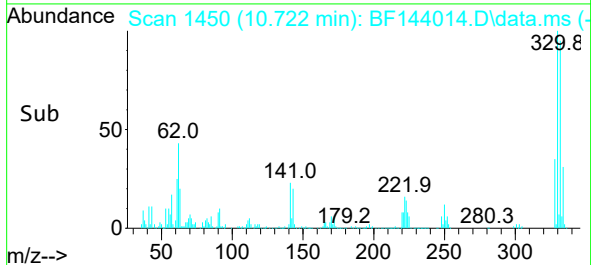
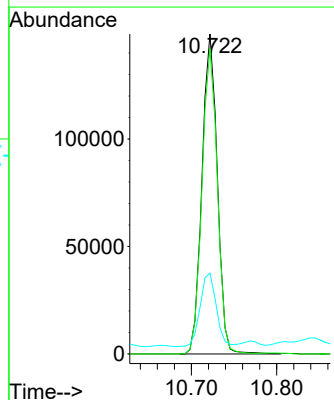
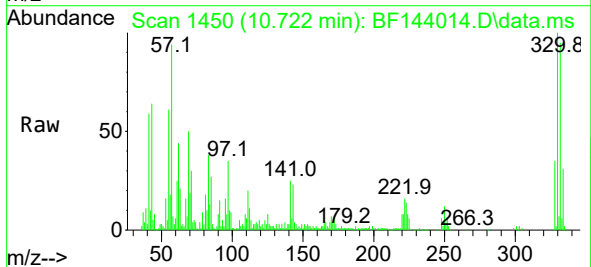
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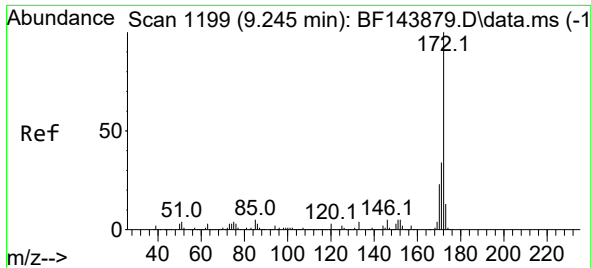
Tgt Ion:164 Resp: 175218
 Ion Ratio Lower Upper
 164 100
 162 96.6 80.2 120.2
 160 44.0 35.4 53.0



#42
 2,4,6-Tribromophenol
 Concen: 106.38 ng
 RT: 10.722 min Scan# 1450
 Delta R.T. 0.000 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

Tgt Ion:330 Resp: 185649
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.9 115.3
 141 24.1 20.2 30.4

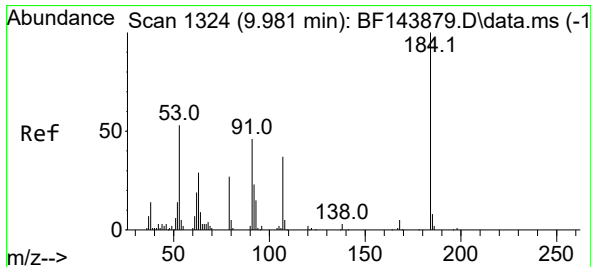
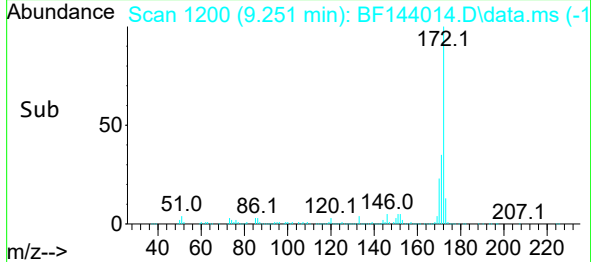
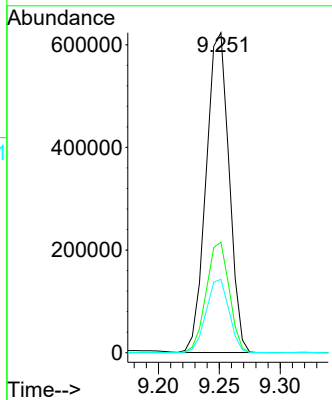
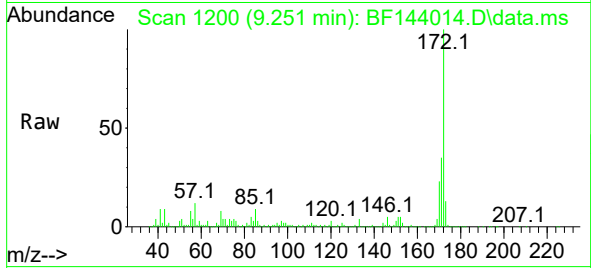




#45
 2-Fluorobiphenyl
 Concen: 74.21 ng
 RT: 9.251 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

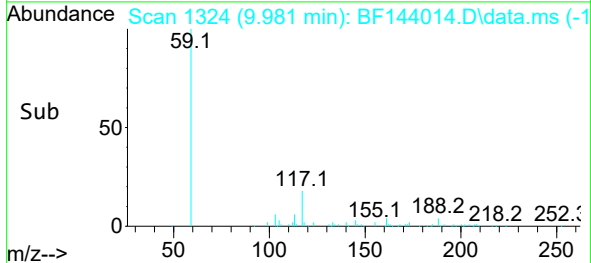
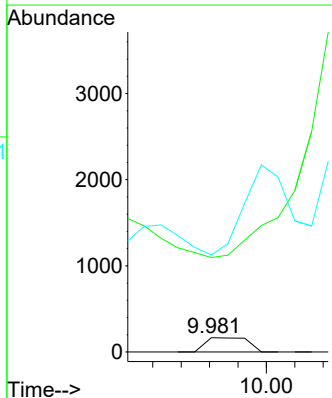
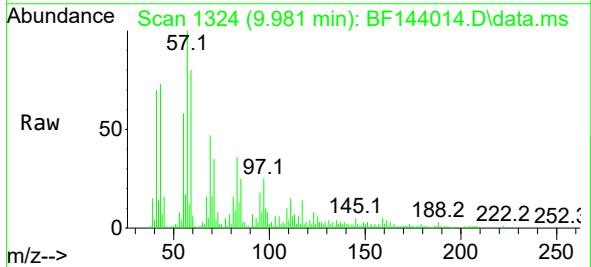
Instrument :
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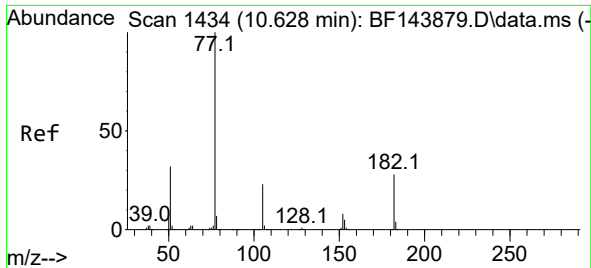
Tgt Ion	Resp	Lower	Upper
172	100		
171	34.5	27.4	41.0
170	22.9	18.6	28.0



#54
 2,4-Dinitrophenol
 Concen: 7.07 ng
 RT: 9.981 min Scan# 1324
 Delta R.T. -0.005 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

Tgt Ion	Resp	Lower	Upper
184	100		
63	660.8	48.2	72.4#
154	678.3	49.2	73.8#

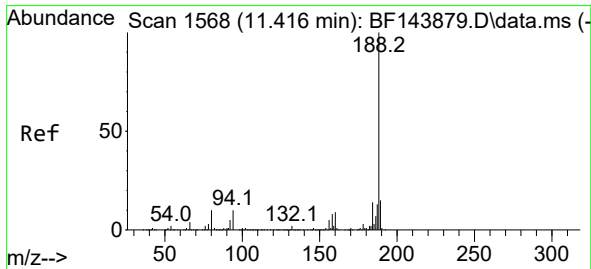
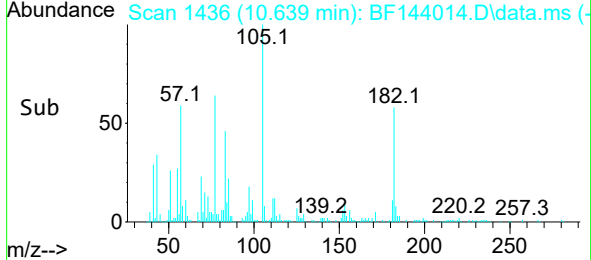
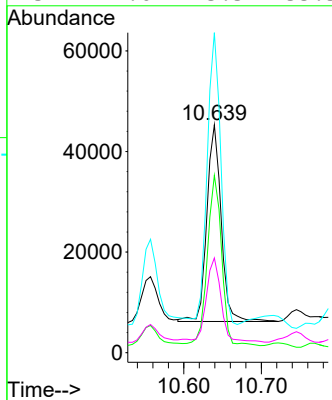
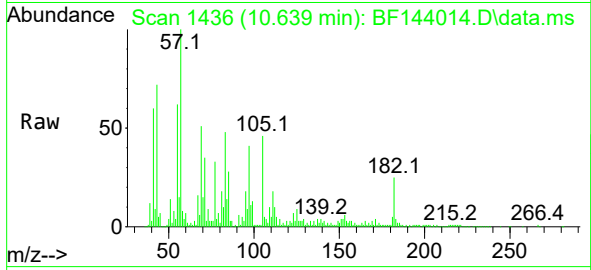




#63
 Azobenzene
 Concen: 4.65 ng
 RT: 10.639 min Scan# 14
 Delta R.T. 0.006 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

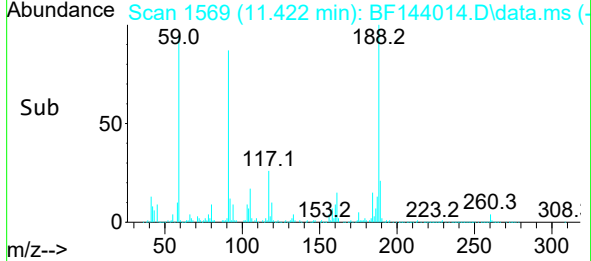
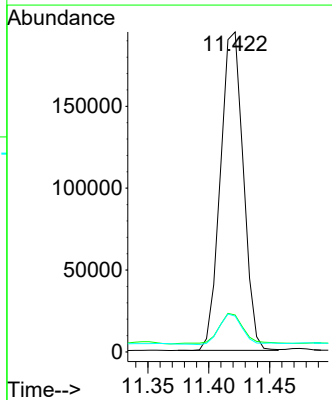
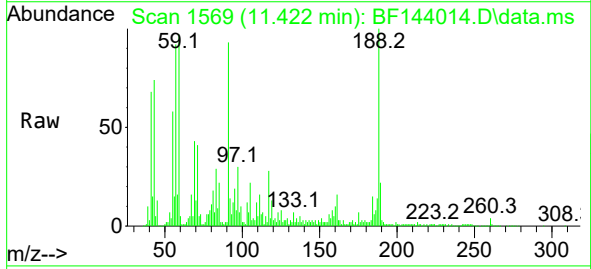
Instrument :
 BNA_F
 ClientSampleId :
 3444

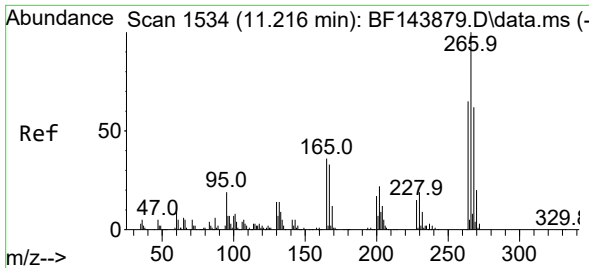
Tgt Ion	Resp	Lower	Upper
77	100		
182	77.8	7.3	47.3#
105	140.4	3.0	43.0#
51	41.6	13.5	53.5



#64
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.422 min Scan# 1569
 Delta R.T. 0.006 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

Tgt Ion	Resp	Lower	Upper
188	100		
94	11.5	7.8	11.6
80	11.2	7.9	11.9

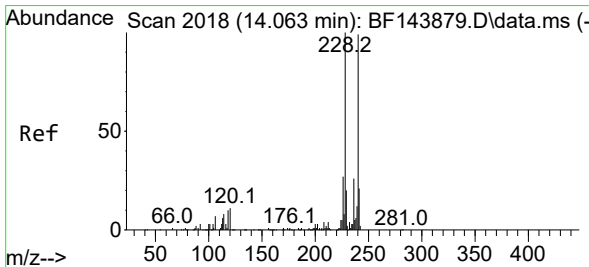
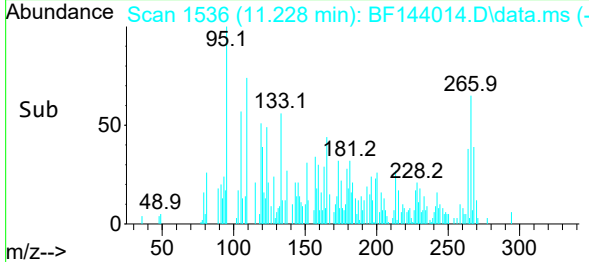
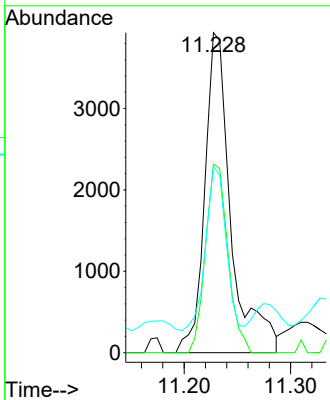
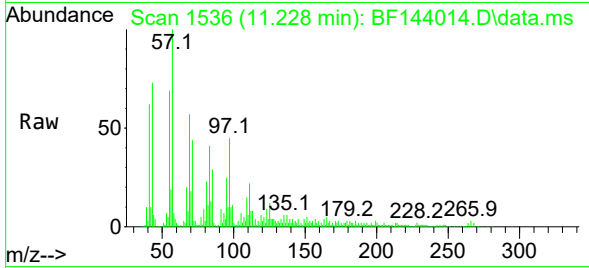




#70
 Pentachlorophenol
 Concen: 3.60 ng
 RT: 11.228 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

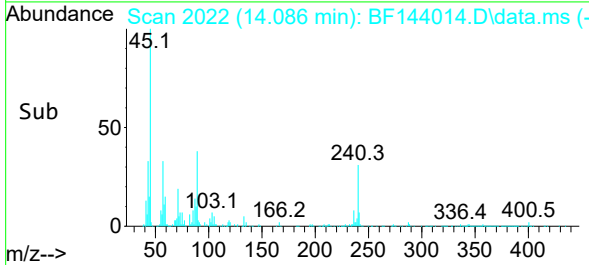
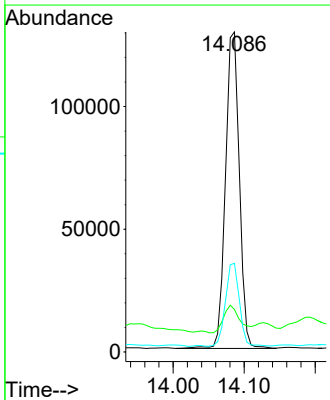
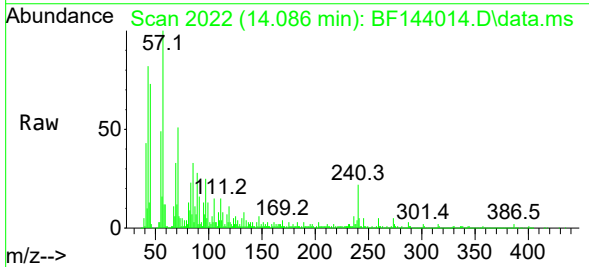
Instrument :
 BNA_F
 ClientSampleId :
 3444

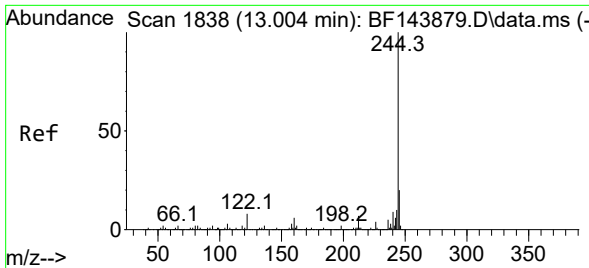
Tgt Ion	Resp	Lower	Upper
266	6743		
268	59.0	49.4	74.0
264	58.2	51.8	77.6



#76
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.086 min Scan# 2022
 Delta R.T. 0.018 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

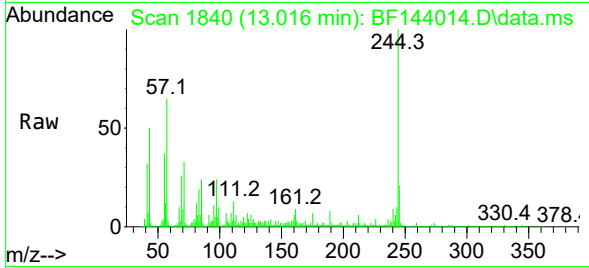
Tgt Ion	Resp	Lower	Upper
240	175156		
240	100		
120	13.3	8.6	13.0#
236	27.7	21.1	31.7



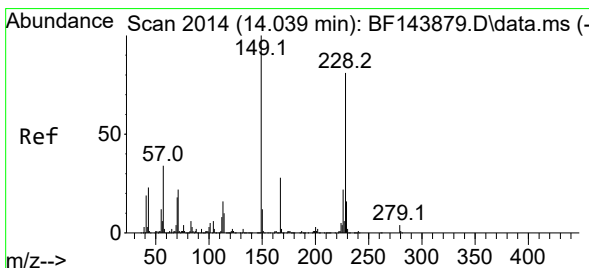
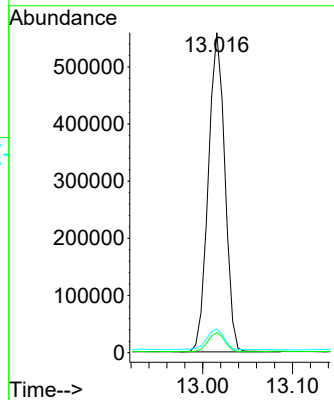
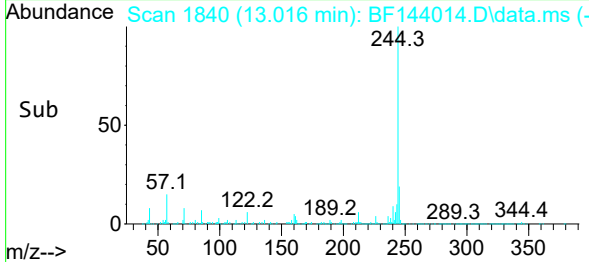


#79
 Terphenyl-d14
 Concen: 69.72 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

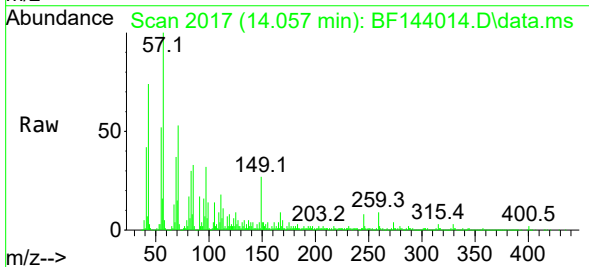
Instrument :
 BNA_F
 ClientSampleId :
 3444



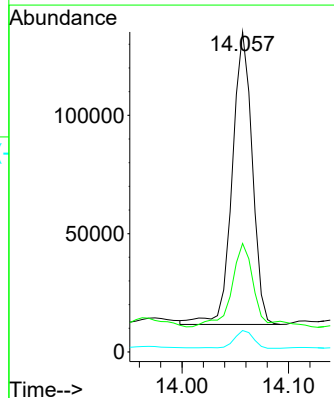
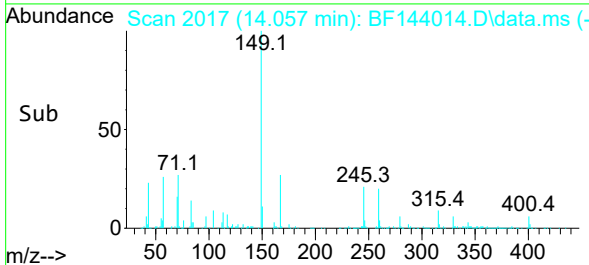
Tgt Ion:244 Resp: 714511
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 7.4 6.4 9.6

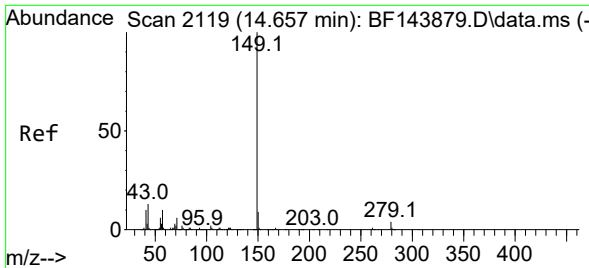


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 28.34 ng
 RT: 14.057 min Scan# 2017
 Delta R.T. 0.018 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03



Tgt Ion:149 Resp: 162000
 Ion Ratio Lower Upper
 149 100
 167 33.9 22.2 33.4#
 279 6.7 3.1 4.7#

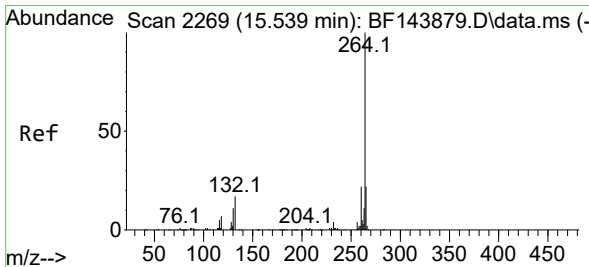
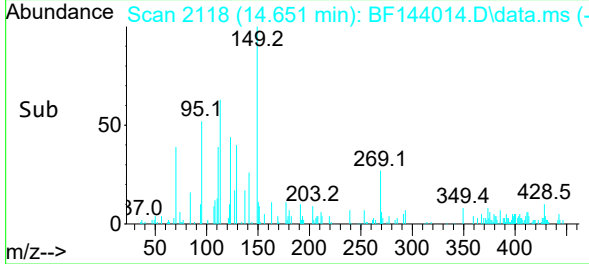
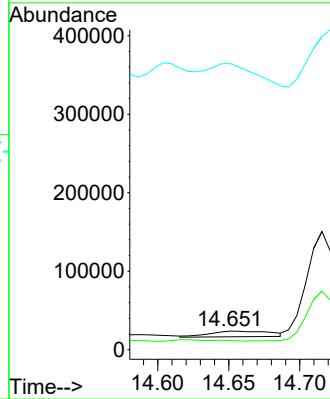
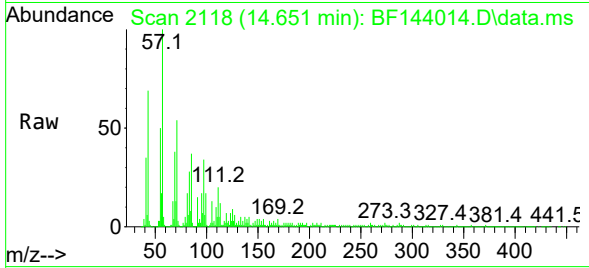




#85
 Di-n-octyl phthalate
 Concen: 2.25 ng
 RT: 14.651 min Scan# 2118
 Delta R.T. -0.006 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

Instrument :
 BNA_F
 ClientSampleId :
 3444

Tgt Ion:149 Resp: 21128
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.1 1.7#
 43 0.0 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.586 min Scan# 2277
 Delta R.T. 0.041 min
 Lab File: BF144014.D
 Acq: 21 Oct 2025 16:03

Tgt Ion:264 Resp: 269690
 Ion Ratio Lower Upper
 264 100
 260 21.9 17.8 26.8
 265 22.5 17.5 26.3

