

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112222\
 Data File : BF131341.D
 Acq On : 22 Nov 2022 21:12
 Operator : CG\JU
 Sample : N5709-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-SAMPLE-TANK-12-31-32-33

Quant Time: Nov 23 04:19:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 22 01:17:52 2022
 Response via : Initial Calibration

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

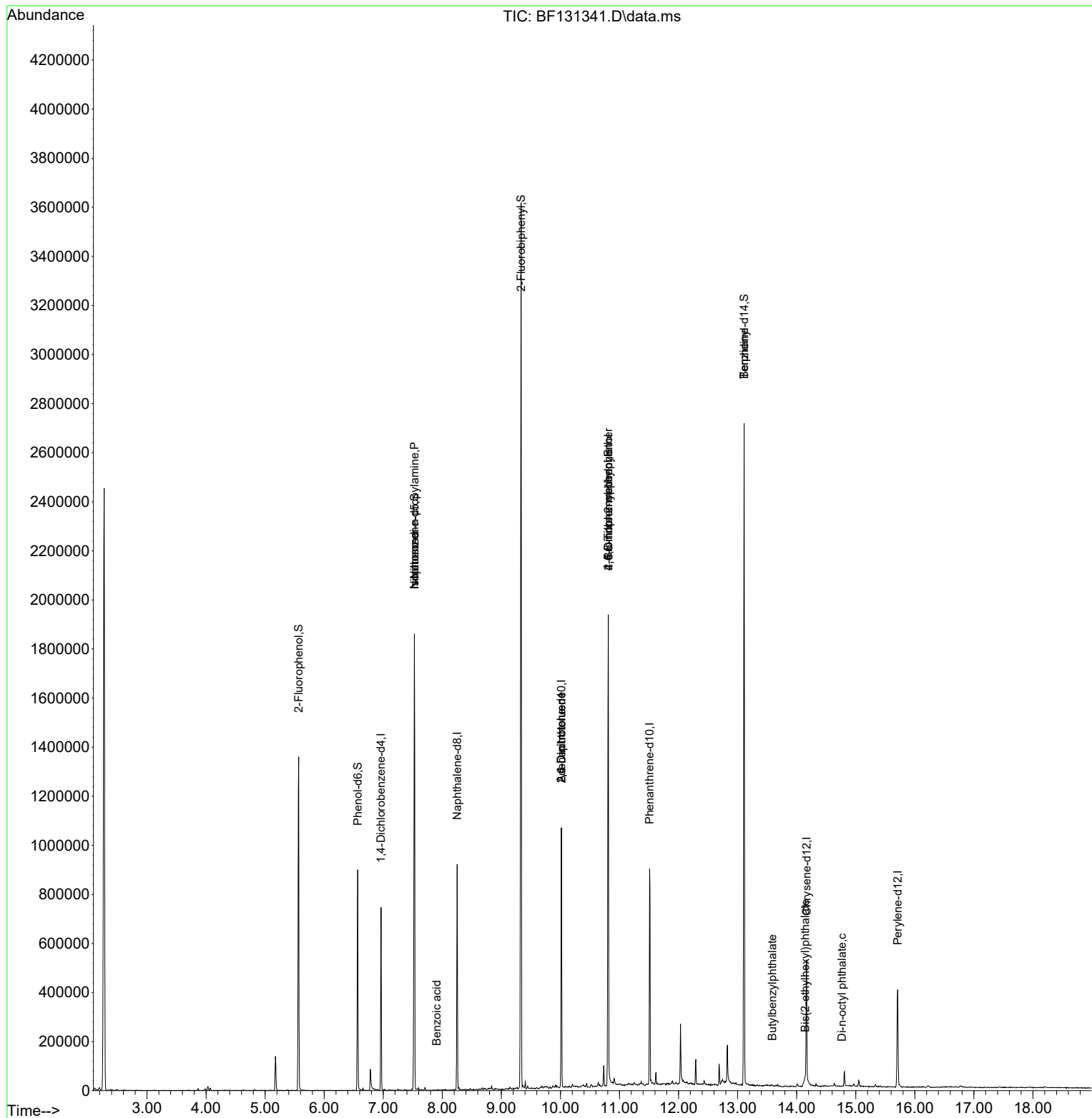
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	94751	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	345243	20.000	ng	0.00
39) Acenaphthene-d10	10.016	164	191368	20.000	ng	-0.01
64) Phenanthrene-d10	11.510	188	321282	20.000	ng	-0.01
76) Chrysene-d12	14.168	240	169290	20.000	ng	-0.01
86) Perylene-d12	15.709	264	187678	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	322897	64.859	ng	0.00
7) Phenol-d6	6.569	99	245118	38.589	ng	-0.02
23) Nitrobenzene-d5	7.528	82	588233	85.887	ng	-0.01
42) 2,4,6-Tribromophenol	10.810	330	219782	136.511	ng	0.00
45) 2-Fluorobiphenyl	9.333	172	1073606	81.618	ng	0.00
79) Terphenyl-d14	13.110	244	933017	90.125	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	161	Below Cal	#	77
19) n-Nitroso-di-n-propyla...	7.528	70	83290	17.912	ng	# 74
25) Isophorone	7.528	82	586938	48.035	ng	# 68
32) Benzoic acid	7.904	122	358	5.270	ng	# 60
51) 2,6-Dinitrotoluene	10.016	165	24953	9.358	ng	# 15
57) 2,4-Dinitrotoluene	10.016	165	24953	7.438	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.810	198	776	5.205	ng	# 1
67) 4-Bromophenyl-phenylether	10.810	248	14694	3.732	ng	# 1
77) Benzidine	13.110	184	12872	4.116	ng	# 91
80) Butylbenzylphthalate	13.586	149	266	4.192	ng	# 27
84) Bis(2-ethylhexyl)phtha...	14.145	149	1996	4.025	ng	# 89
85) Di-n-octyl phthalate	14.768	149	781	3.996	ng	# 1

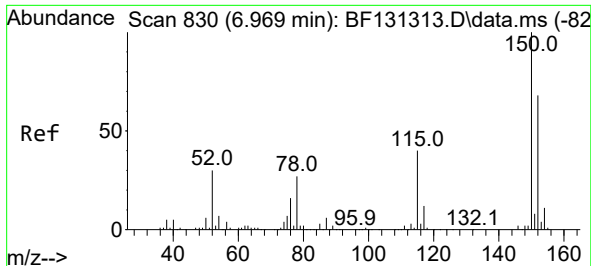
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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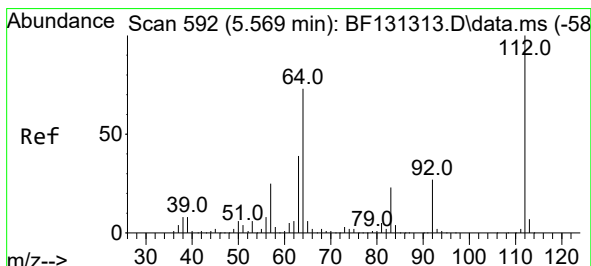
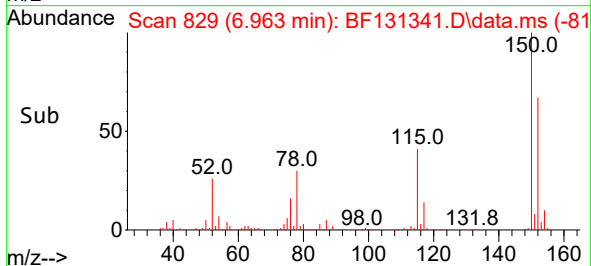
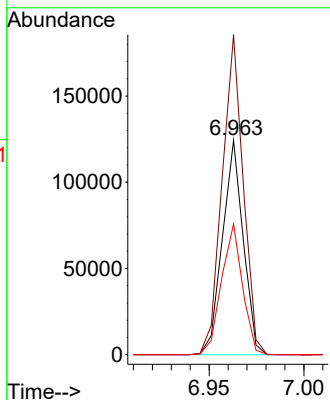
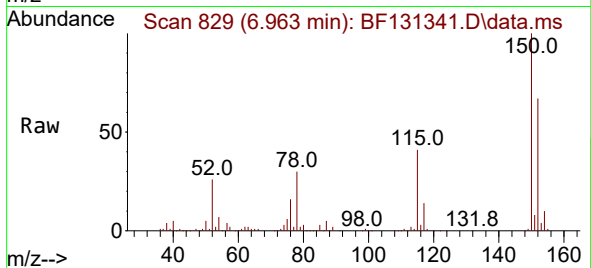




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131341.D
Acq: 22 Nov 2022 21:12

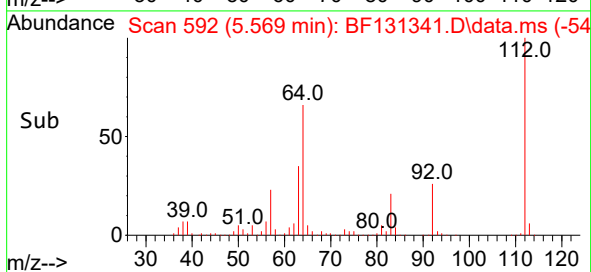
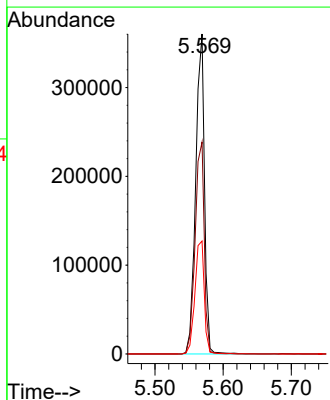
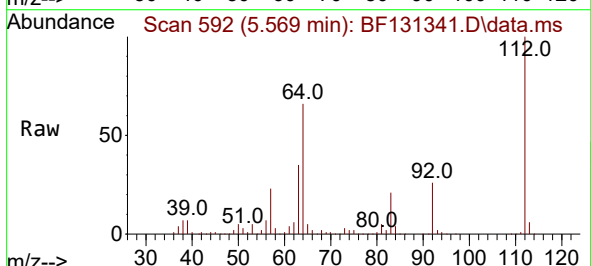
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-12-31-32-33

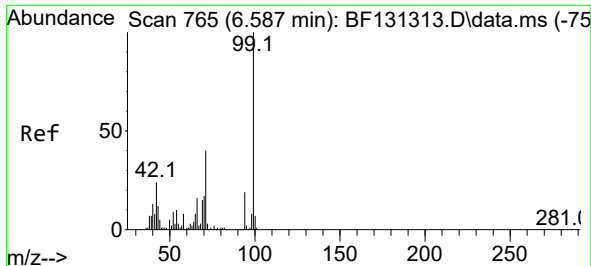
Tgt Ion:152 Resp: 94751
Ion Ratio Lower Upper
152 100
150 149.2 117.8 176.8
115 60.9 47.1 70.7



#5
2-Fluorophenol
Concen: 64.859 ng
RT: 5.569 min Scan# 592
Delta R.T. -0.000 min
Lab File: BF131341.D
Acq: 22 Nov 2022 21:12

Tgt Ion:112 Resp: 322897
Ion Ratio Lower Upper
112 100
64 66.2 58.6 88.0
63 35.3 31.4 47.0

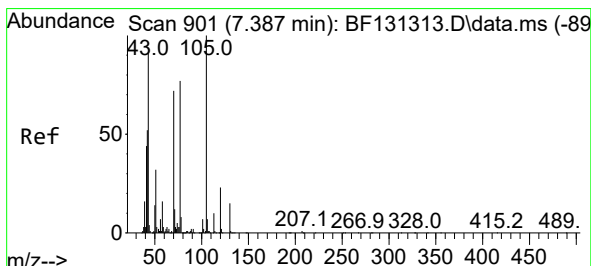
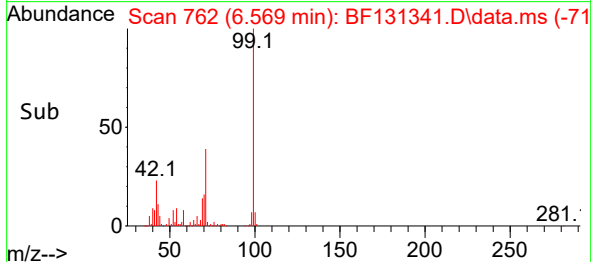
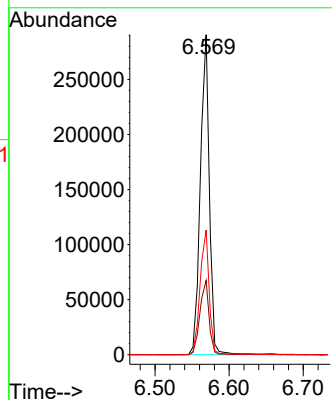
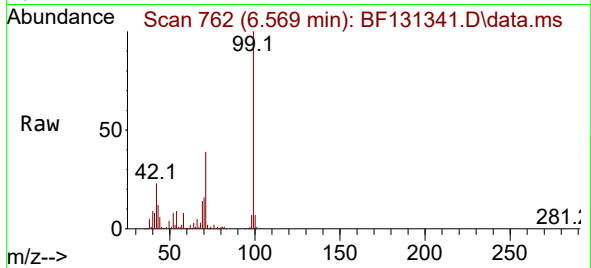




#7
Phenol-d6
Concen: 38.589 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF131341.D
Acq: 22 Nov 2022 21:12

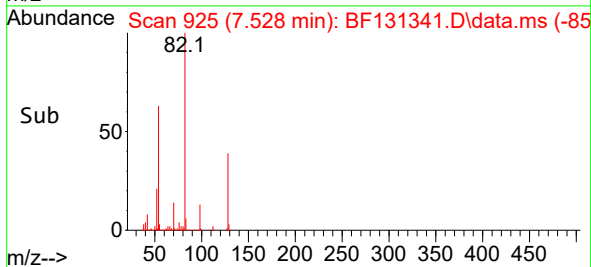
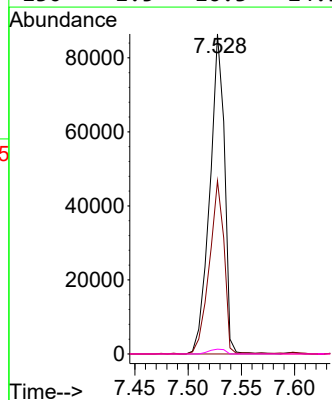
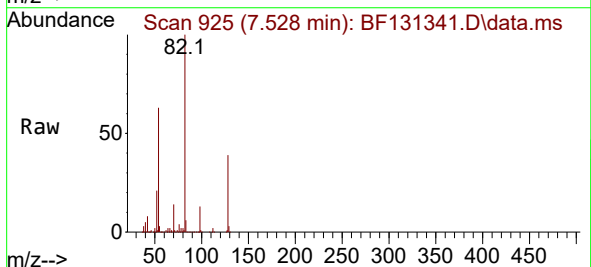
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-12-31-32-33

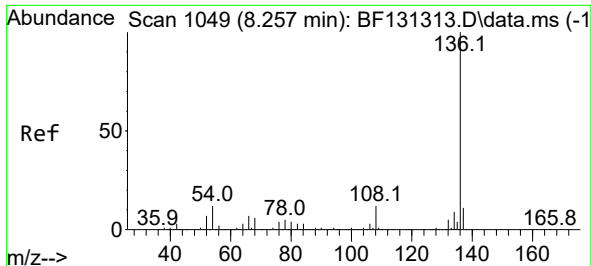
Tgt Ion: 99 Resp: 245118
Ion Ratio Lower Upper
99 100
42 23.2 19.4 29.2
71 39.0 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.912 ng
RT: 7.528 min Scan# 925
Delta R.T. 0.141 min
Lab File: BF131341.D
Acq: 22 Nov 2022 21:12

Tgt Ion: 70 Resp: 83290
Ion Ratio Lower Upper
70 100
42 54.1 57.6 86.4#
101 0.0 8.2 12.2#
130 1.5 16.3 24.5#

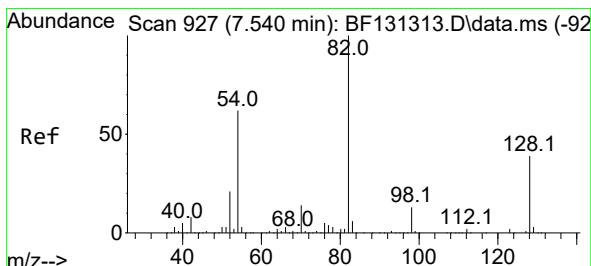
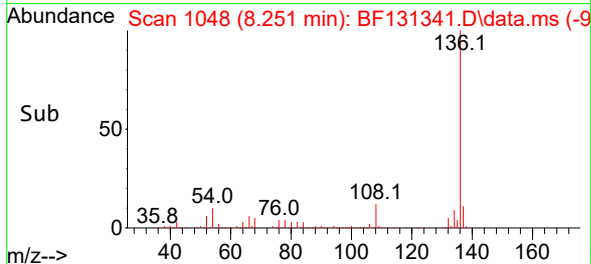
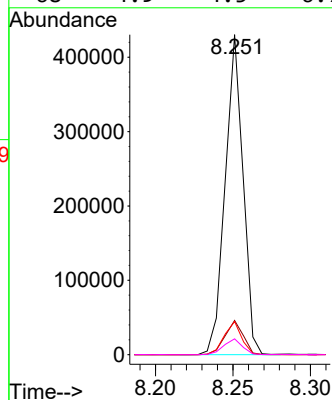
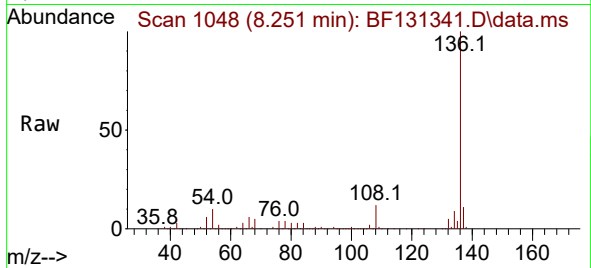




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF131341.D
Acq: 22 Nov 2022 21:12

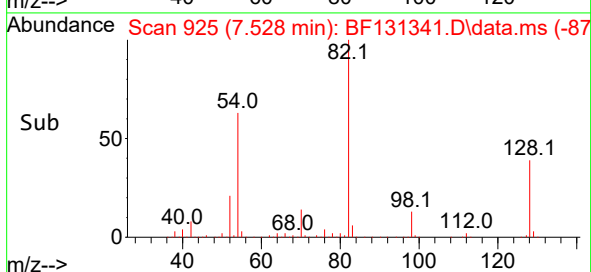
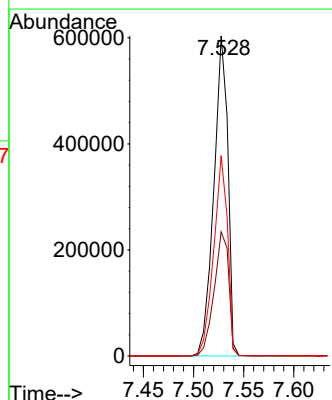
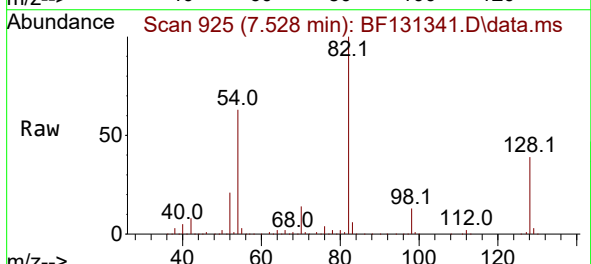
Instrument :
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ClientSampleId :
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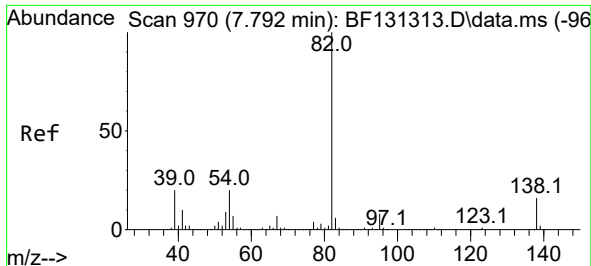
Tgt Ion:136 Resp: 345243
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 10.4 9.4 14.0
68 4.9 4.5 6.7



#23
Nitrobenzene-d5
Concen: 85.887 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.012 min
Lab File: BF131341.D
Acq: 22 Nov 2022 21:12

Tgt Ion: 82 Resp: 588233
Ion Ratio Lower Upper
82 100
128 38.8 31.4 47.0
54 62.6 49.8 74.6

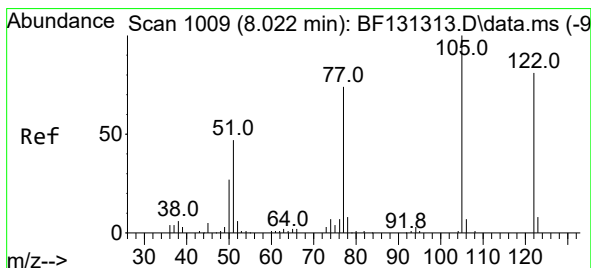
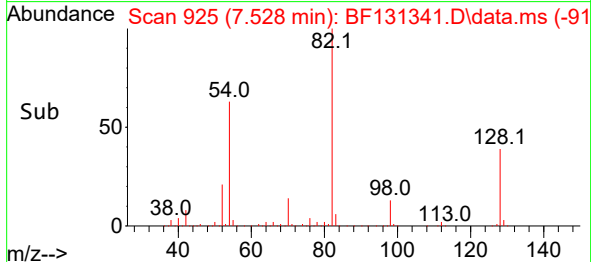
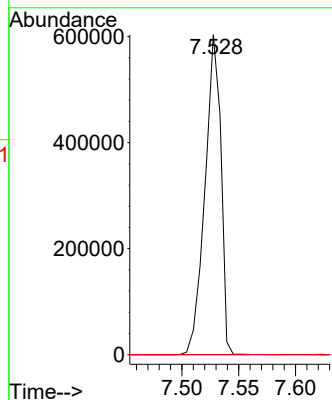
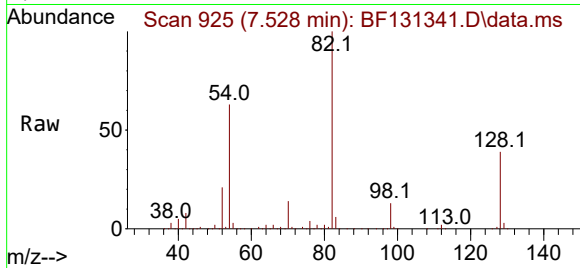




#25
Isophorone
Concen: 48.035 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF131341.D
Acq: 22 Nov 2022 21:12

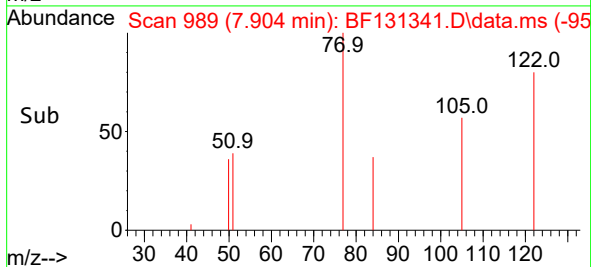
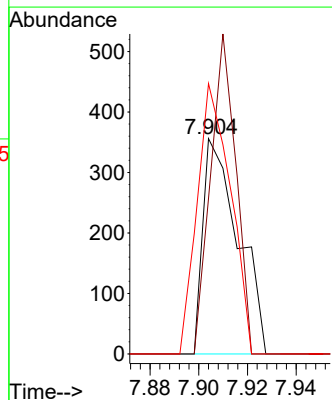
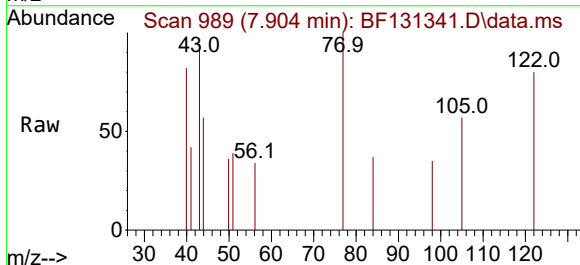
Instrument :
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ClientSampleId :
COMP-SAMPLE-TANK-12-31-32-33

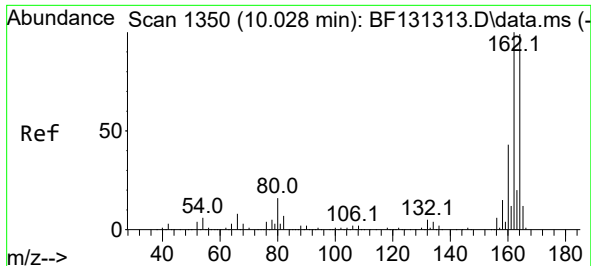
Tgt Ion: 82 Resp: 586938
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#32
Benzoic acid
Concen: 5.270 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.118 min
Lab File: BF131341.D
Acq: 22 Nov 2022 21:12

Tgt Ion: 122 Resp: 358
Ion Ratio Lower Upper
122 100
105 72.2 103.8 143.8#
77 125.6 74.3 114.3#

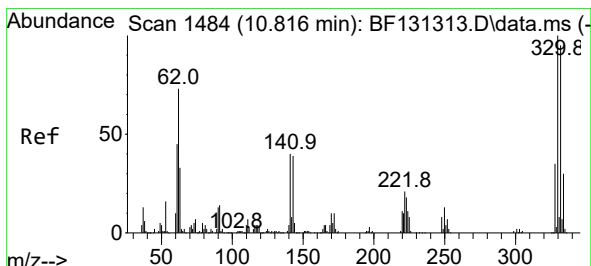
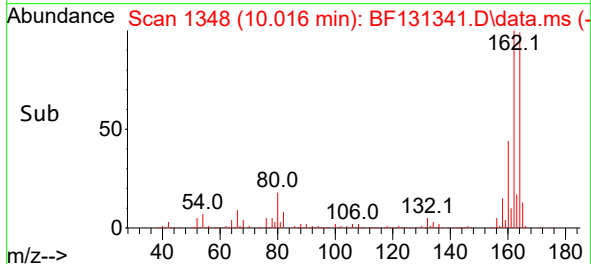
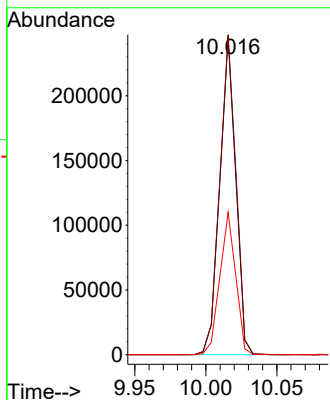
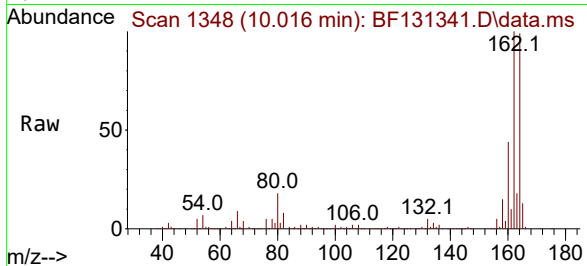




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.016 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF131341.D
Acq: 22 Nov 2022 21:12

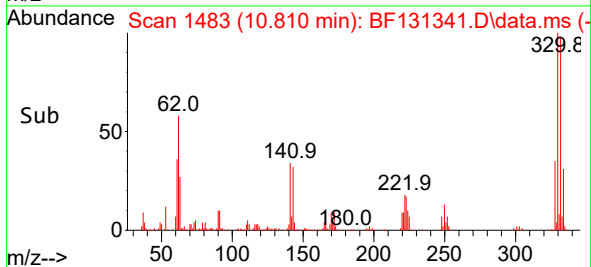
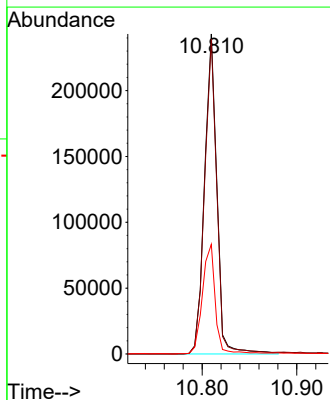
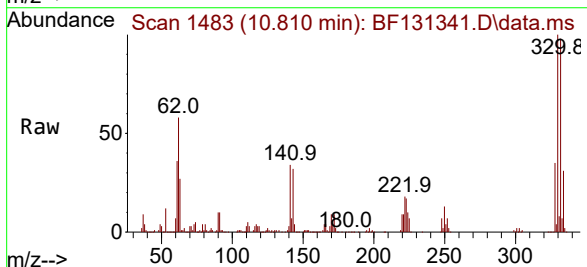
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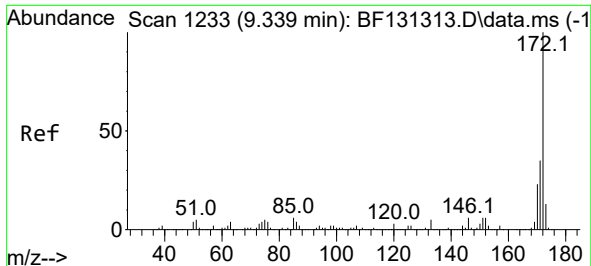
Tgt Ion:164 Resp: 191368
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 44.8 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 136.511 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF131341.D
Acq: 22 Nov 2022 21:12

Tgt Ion:330 Resp: 219782
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 36.2 29.3 43.9

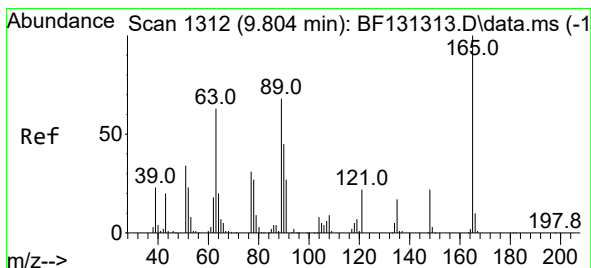
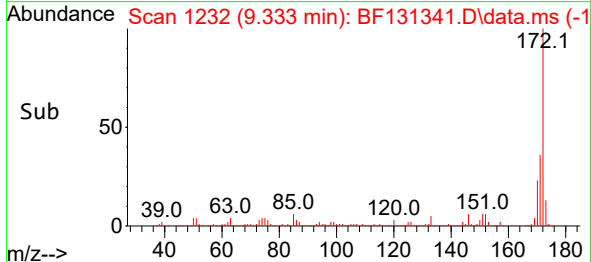
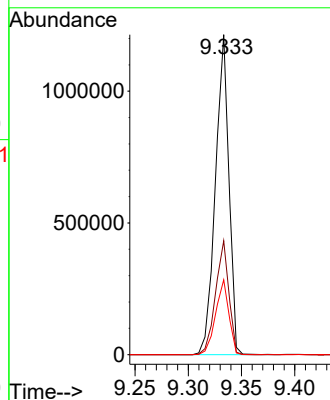
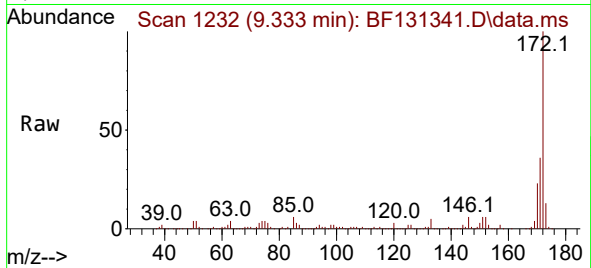




#45
2-Fluorobiphenyl
Concen: 81.618 ng
RT: 9.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131341.D
Acq: 22 Nov 2022 21:12

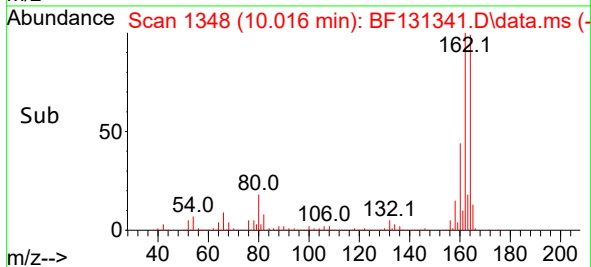
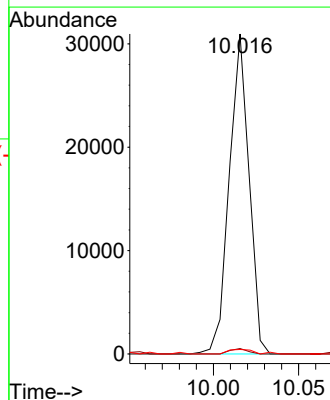
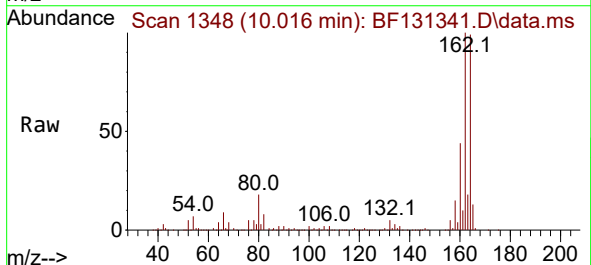
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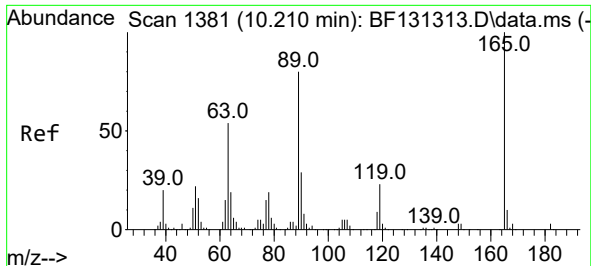
Tgt Ion:172 Resp: 1073606
Ion Ratio Lower Upper
172 100
171 35.6 28.2 42.2
170 23.4 18.7 28.1



#51
2,6-Dinitrotoluene
Concen: 9.358 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.212 min
Lab File: BF131341.D
Acq: 22 Nov 2022 21:12

Tgt Ion:165 Resp: 24953
Ion Ratio Lower Upper
165 100
63 1.7 62.0 93.0#
89 1.4 54.4 81.6#

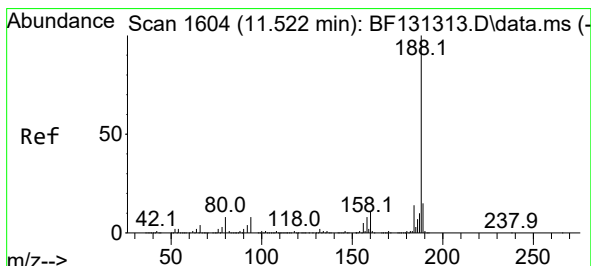
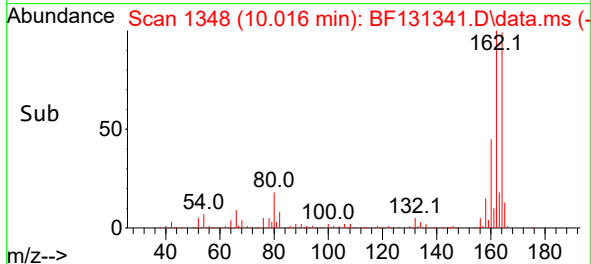
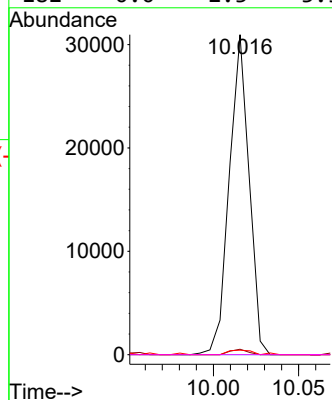
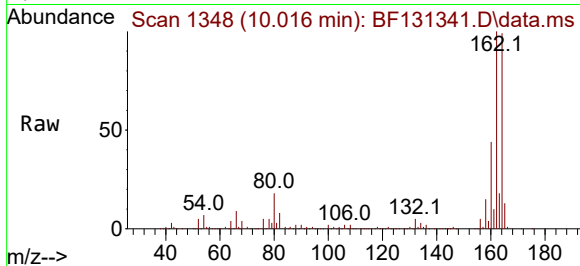




#57
2,4-Dinitrotoluene
Concen: 7.438 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF131341.D
Acq: 22 Nov 2022 21:12

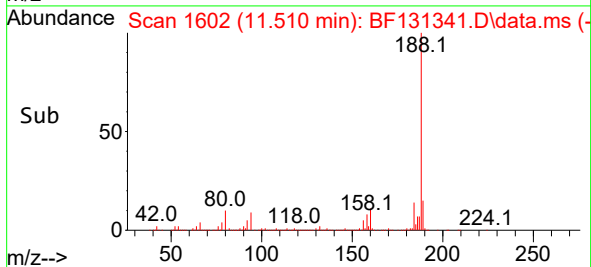
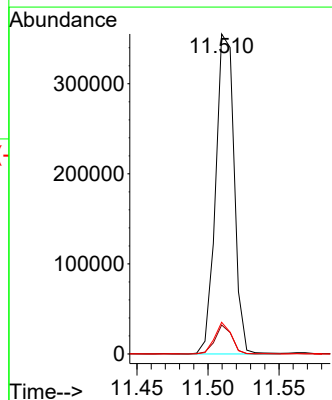
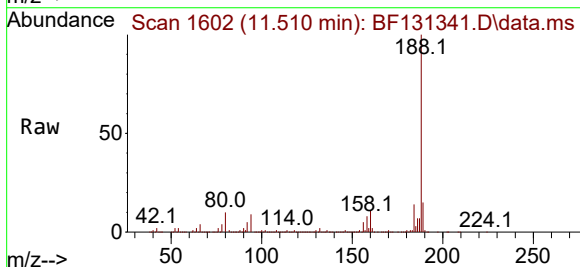
Instrument :
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ClientSampleId :
COMP-SAMPLE-TANK-12-31-32-33

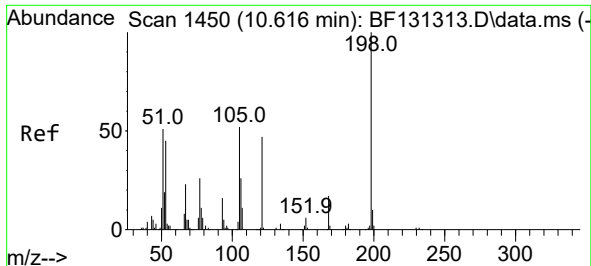
Tgt Ion:165 Resp: 24953
Ion Ratio Lower Upper
165 100
63 1.7 43.4 65.2#
89 1.4 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.510 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BF131341.D
Acq: 22 Nov 2022 21:12

Tgt Ion:188 Resp: 321282
Ion Ratio Lower Upper
188 100
94 9.0 6.3 9.5
80 9.9 6.8 10.2

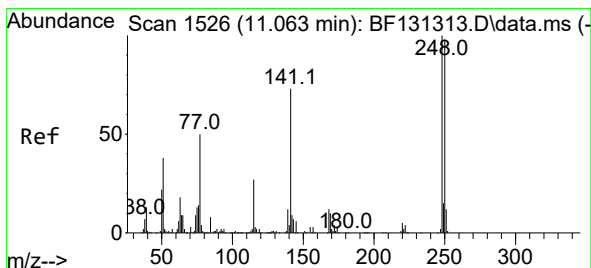
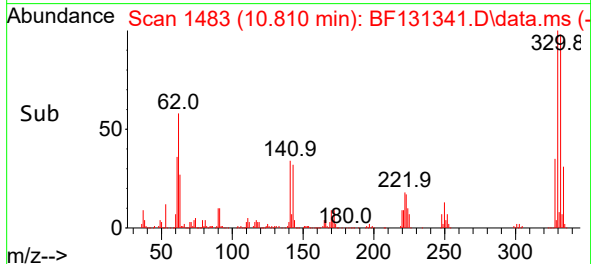
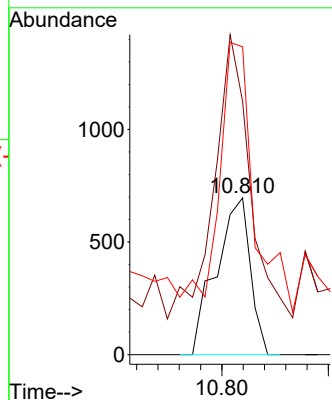
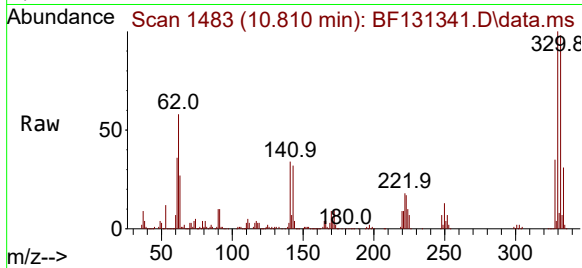




#65
4,6-Dinitro-2-methylphenol
Concen: 5.205 ng
RT: 10.810 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF131341.D
Acq: 22 Nov 2022 21:12

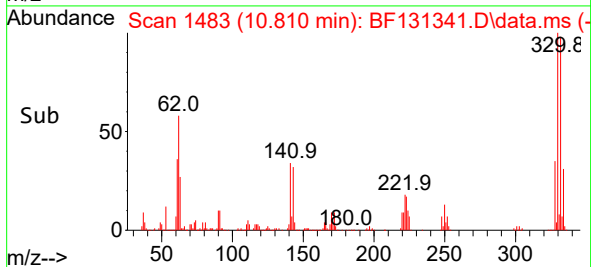
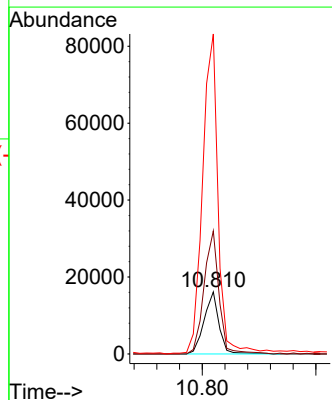
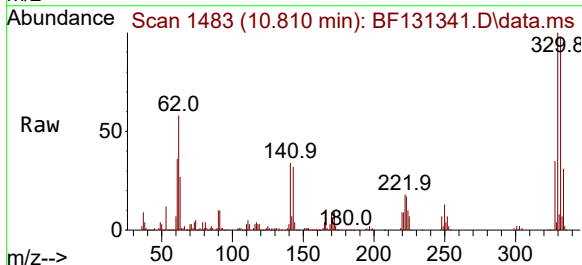
Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-12-31-32-33

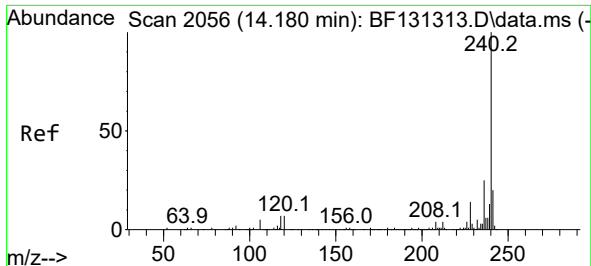
Tgt Ion:198 Resp: 776
Ion Ratio Lower Upper
198 100
51 161.6 50.1 90.1#
105 196.4 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 3.732 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.253 min
Lab File: BF131341.D
Acq: 22 Nov 2022 21:12

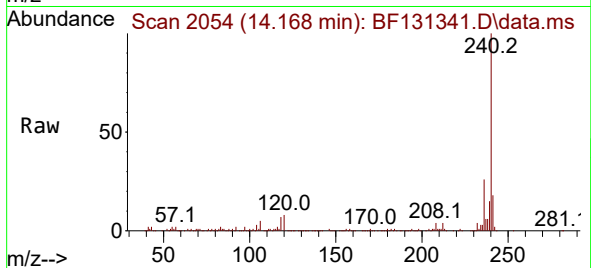
Tgt Ion:248 Resp: 14694
Ion Ratio Lower Upper
248 100
250 198.2 78.3 117.5#
141 515.5 58.0 87.0#



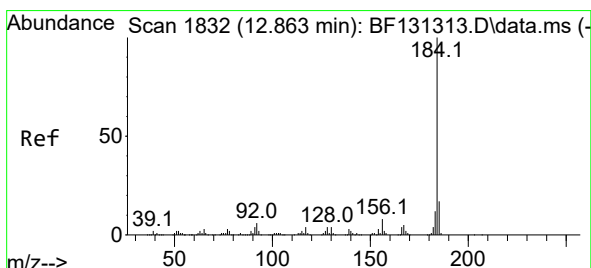
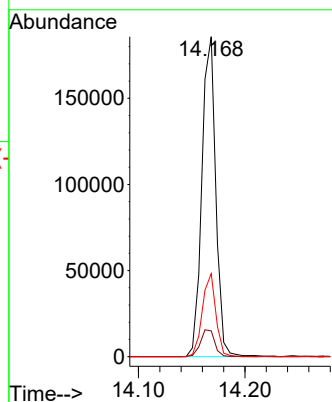
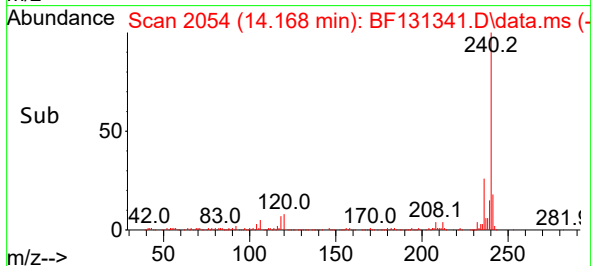


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.168 min Scan# 2054
Delta R.T. -0.012 min
Lab File: BF131341.D
Acq: 22 Nov 2022 21:12

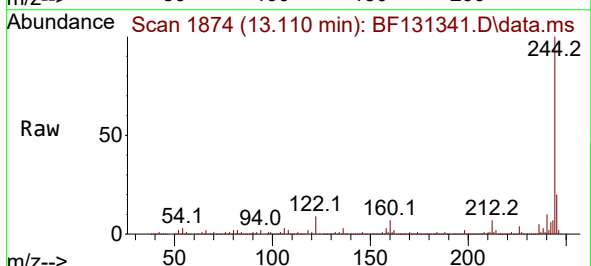
Instrument : BNA_F
ClientSampleId : COMP-SAMPLE-TANK-12-31-32-33



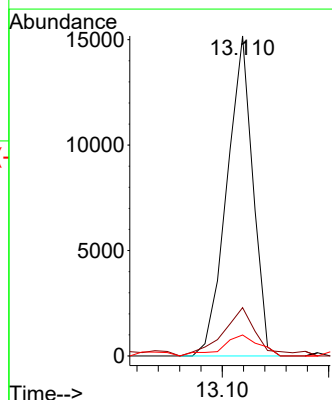
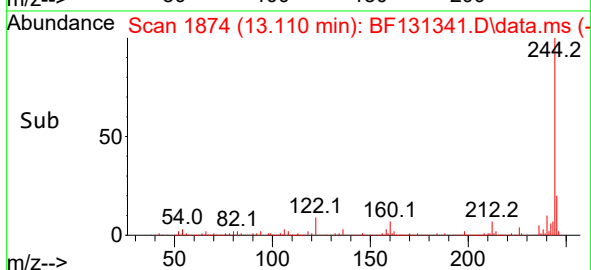
Tgt Ion:240 Resp: 169290
Ion Ratio Lower Upper
240 100
120 8.1 5.8 8.8
236 26.0 20.3 30.5

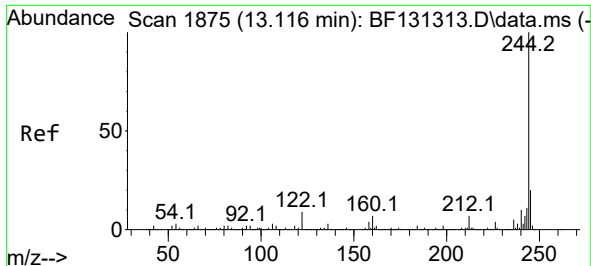


#77
Benzidine
Concen: 4.116 ng
RT: 13.110 min Scan# 1874
Delta R.T. 0.247 min
Lab File: BF131341.D
Acq: 22 Nov 2022 21:12



Tgt Ion:184 Resp: 12872
Ion Ratio Lower Upper
184 100
185 15.1 13.8 20.8
183 6.6 9.6 14.4#

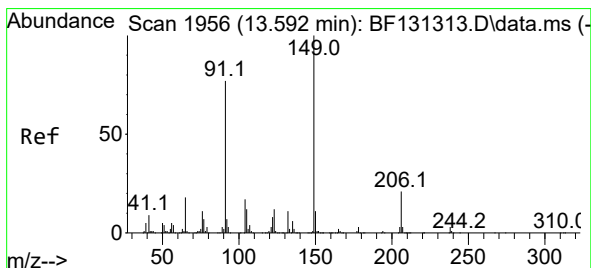
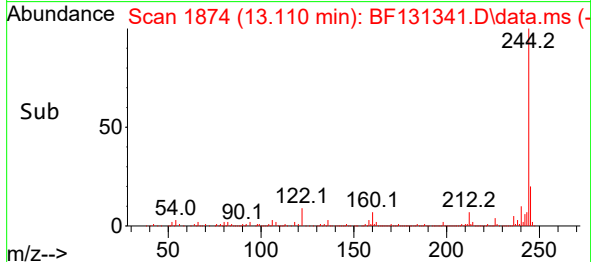
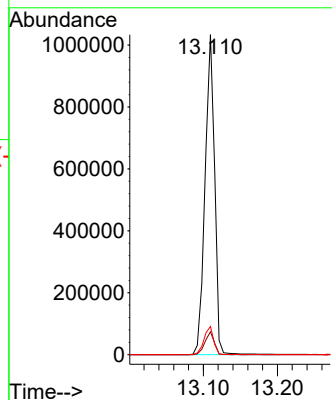
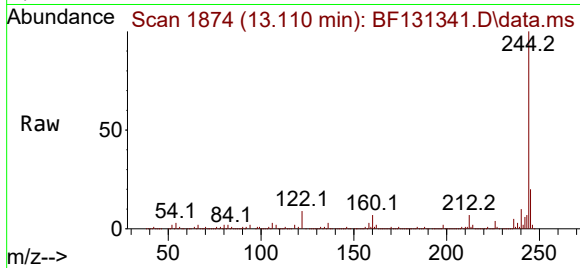




#79
 Terphenyl-d14
 Concen: 90.125 ng
 RT: 13.110 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: BF131341.D
 Acq: 22 Nov 2022 21:12

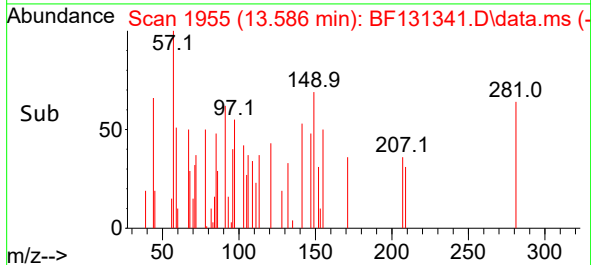
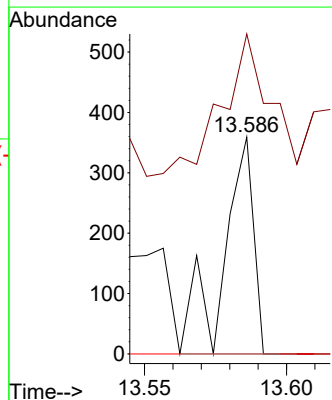
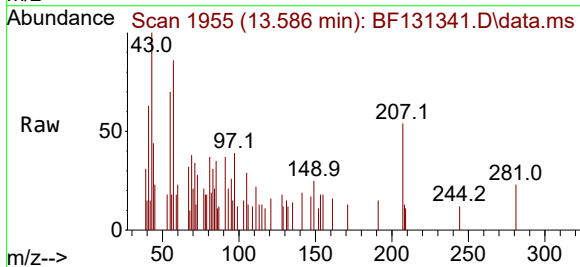
Instrument :
 BNA_F
 ClientSampleId :
 COMP-SAMPLE-TANK-12-31-32-33

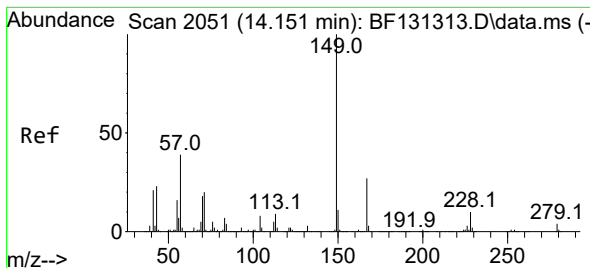
Tgt Ion:244 Resp: 933017
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 8.8 7.5 11.3



#80
 Butylbenzylphthalate
 Concen: 4.192 ng
 RT: 13.586 min Scan# 1955
 Delta R.T. -0.006 min
 Lab File: BF131341.D
 Acq: 22 Nov 2022 21:12

Tgt Ion:149 Resp: 266
 Ion Ratio Lower Upper
 149 100
 91 147.6 61.9 92.9#
 206 0.0 16.5 24.7#

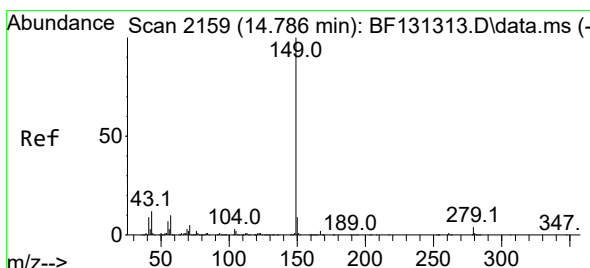
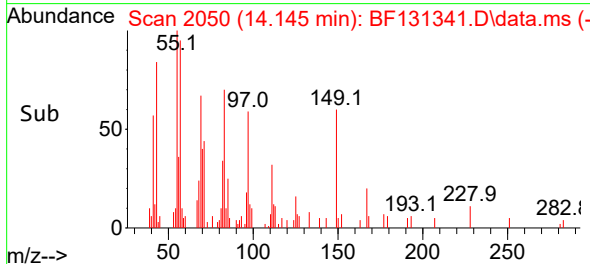
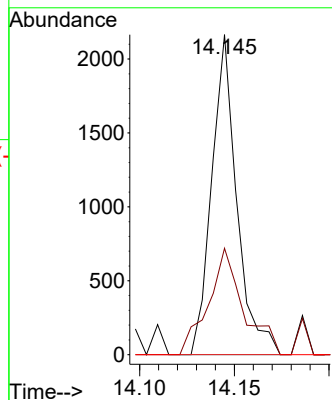
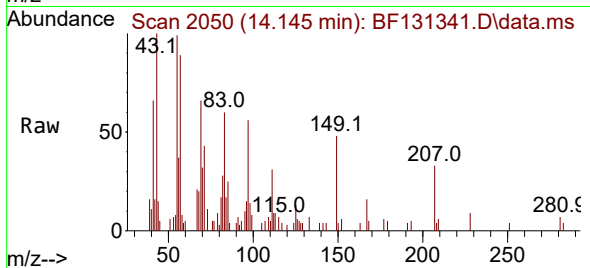




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.025 ng
 RT: 14.145 min Scan# 2050
 Delta R.T. -0.006 min
 Lab File: BF131341.D
 Acq: 22 Nov 2022 21:12

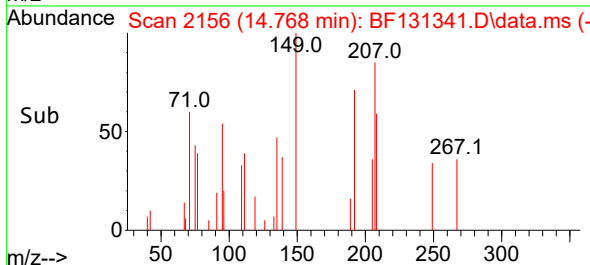
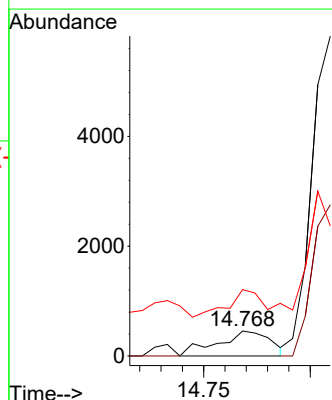
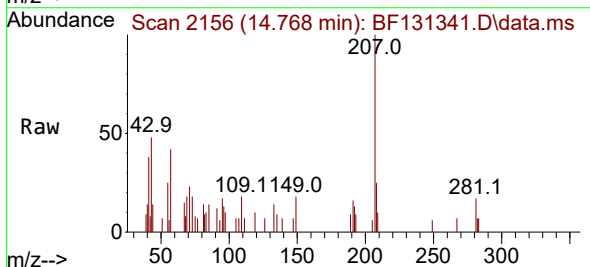
Instrument : BNA_F
 ClientSampleId : COMP-SAMPLE-TANK-12-31-32-33

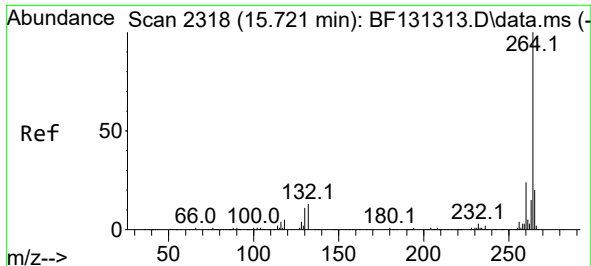
Tgt Ion:149 Resp: 1996
 Ion Ratio Lower Upper
 149 100
 167 33.3 21.9 32.9#
 279 0.0 3.0 4.4#



#85
 Di-n-octyl phthalate
 Concen: 3.996 ng
 RT: 14.768 min Scan# 2156
 Delta R.T. -0.018 min
 Lab File: BF131341.D
 Acq: 22 Nov 2022 21:12

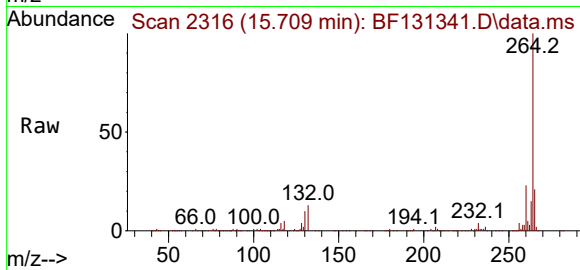
Tgt Ion:149 Resp: 781
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 68.5 10.7 16.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.709 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF131341.D
Acq: 22 Nov 2022 21:12

Instrument :
BNA_F
ClientSampleId :
COMP-SAMPLE-TANK-12-31-32-33



Tgt Ion:264 Resp: 187678

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	21.2	16.4	24.6

