

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131365.D
 Acq On : 23 Nov 2022 17:13
 Operator : CG\JU
 Sample : N5762-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Nov 24 05:56:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 05:53:32 2022
 Response via : Initial Calibration

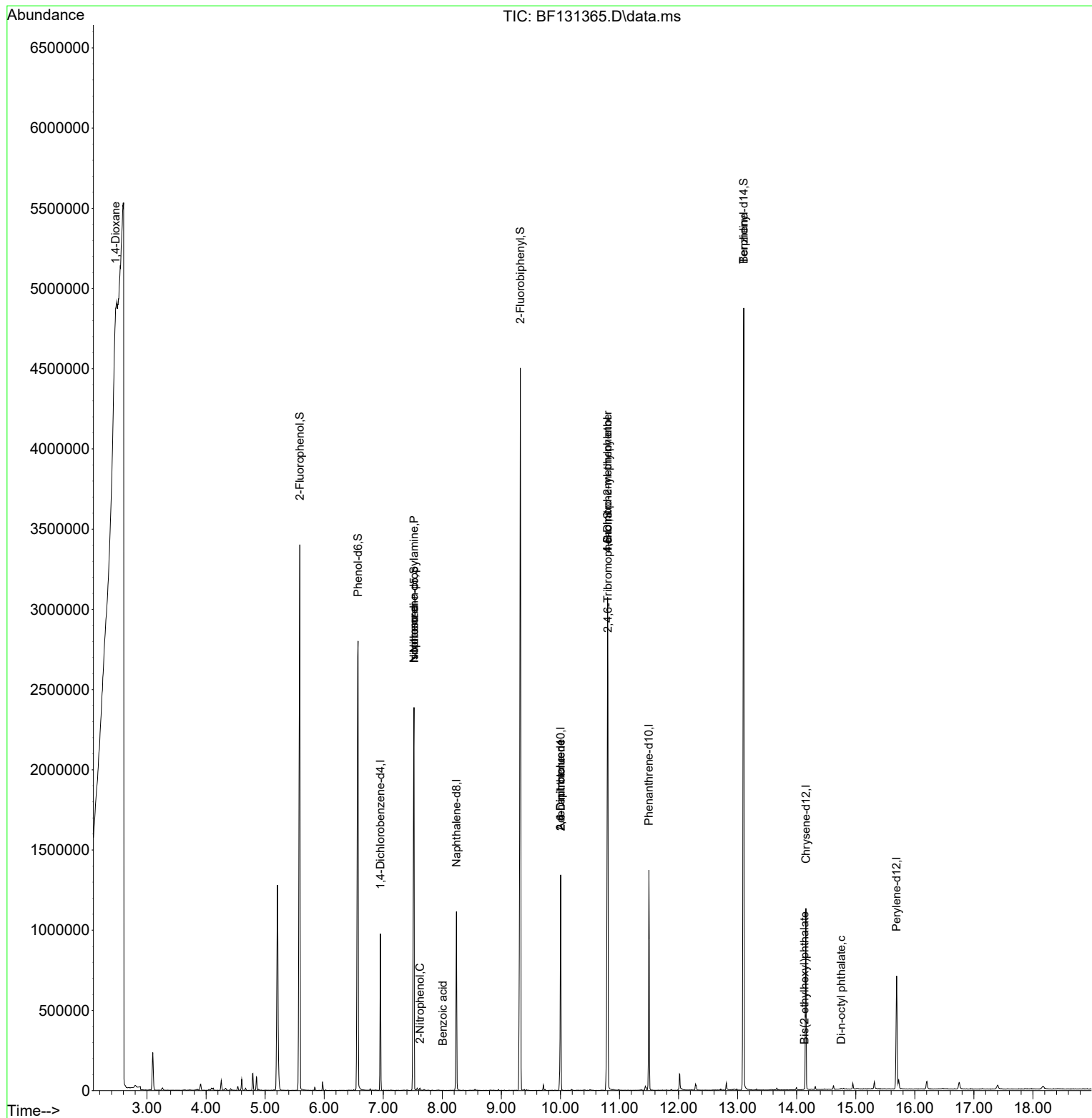
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	128562	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	479114	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	275936	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	495010	20.000	ng	0.00
76) Chrysene-d12	14.157	240	386188	20.000	ng	0.00
86) Perylene-d12	15.692	264	347255	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	958603	141.910	ng	0.03
7) Phenol-d6	6.575	99	1140104	132.284	ng	0.00
23) Nitrobenzene-d5	7.522	82	888089	93.438	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	432674	186.379	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1626801	85.770	ng	0.00
79) Terphenyl-d14	13.104	244	1969632	83.402	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.469	88	8931	2.773	ng	# 51
9) Benzaldehyde	6.498	77	170	Below Cal		# 39
19) n-Nitroso-di-n-propyla...	7.522	70	124313	19.703	ng	# 71
25) Isophorone	7.522	82	885720	52.233	ng	# 68
26) 2-Nitrophenol	7.622	139	82	3.610	ng	# 23
32) Benzoic acid	8.010	122	58	5.143	ng	# 1
51) 2,6-Dinitrotoluene	10.004	165	35010	9.106	ng	# 14
57) 2,4-Dinitrotoluene	10.004	165	35010	7.237	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.798	198	972	5.087	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	28695	4.730	ng	# 1
77) Benzidine	13.104	184	27084	3.797	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.133	149	2133	3.878	ng	# 93
85) Di-n-octyl phthalate	14.757	149	240	3.914	ng	# 1

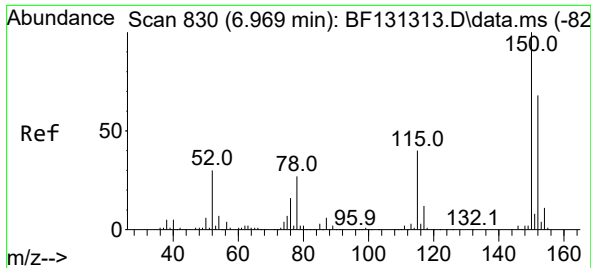
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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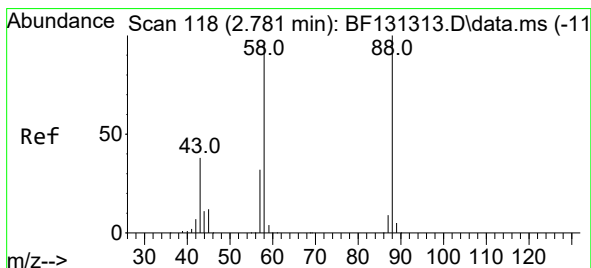
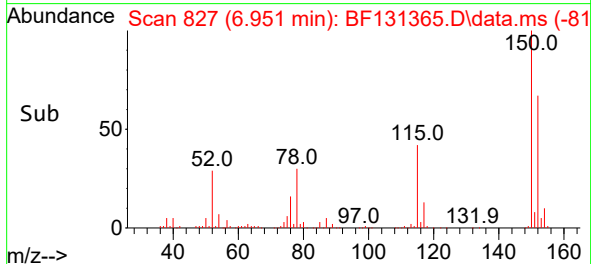
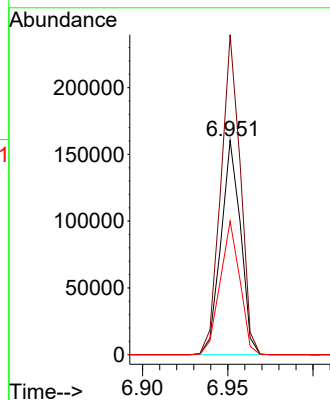
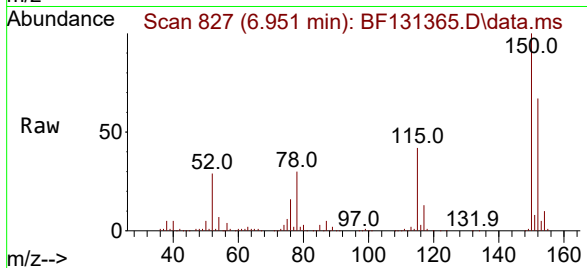




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131365.D
 Acq: 23 Nov 2022 17:13

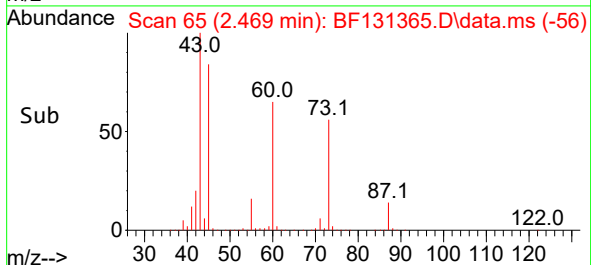
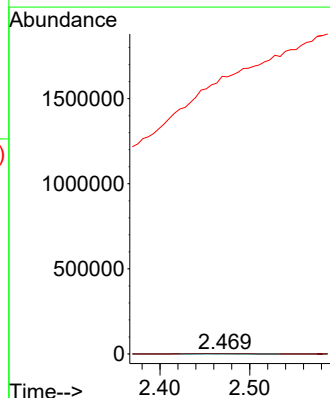
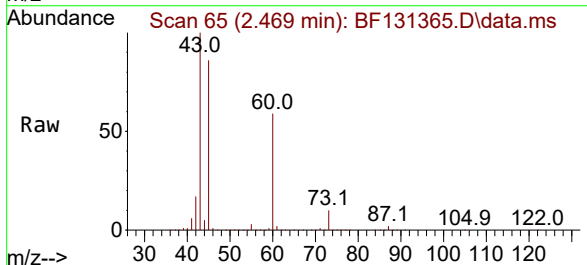
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

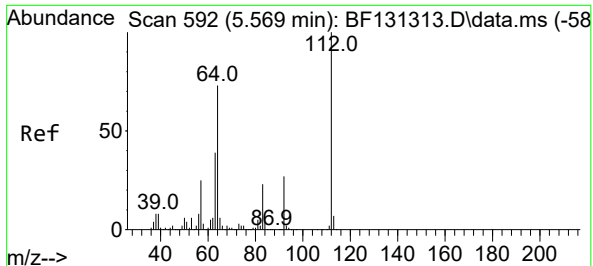
Tgt Ion:152 Resp: 128562
 Ion Ratio Lower Upper
 152 100
 150 149.4 117.8 176.8
 115 62.4 47.1 70.7



#2
 1,4-Dioxane
 Concen: 2.773 ng
 RT: 2.469 min Scan# 65
 Delta R.T. -0.294 min
 Lab File: BF131365.D
 Acq: 23 Nov 2022 17:13

Tgt Ion: 88 Resp: 8931
 Ion Ratio Lower Upper
 88 100
 58 56.2 78.2 117.4#
 43 0.0 31.6 47.4#

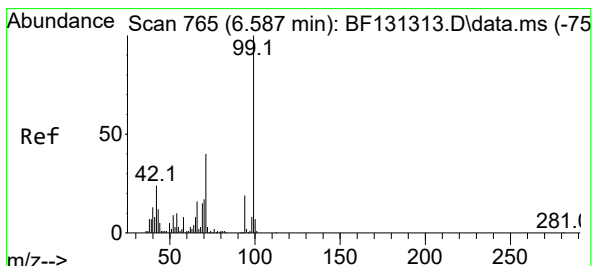
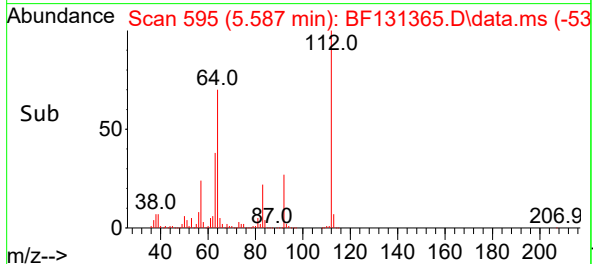
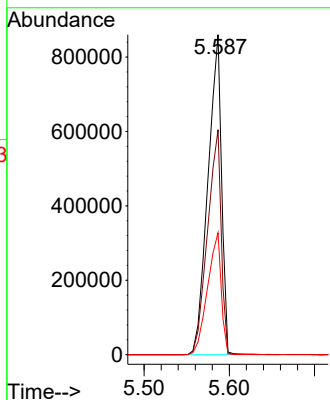
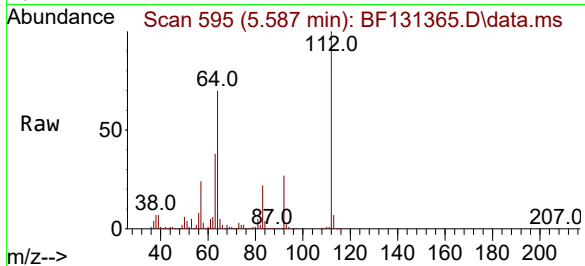




#5
2-Fluorophenol
Concen: 141.910 ng
RT: 5.587 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF131365.D
Acq: 23 Nov 2022 17:13

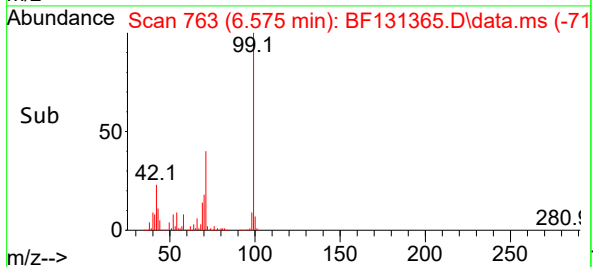
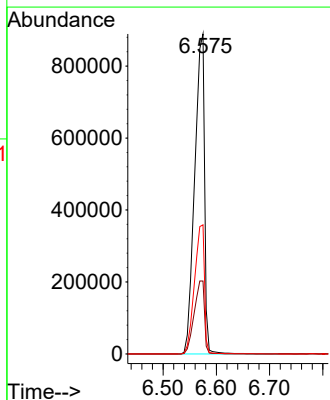
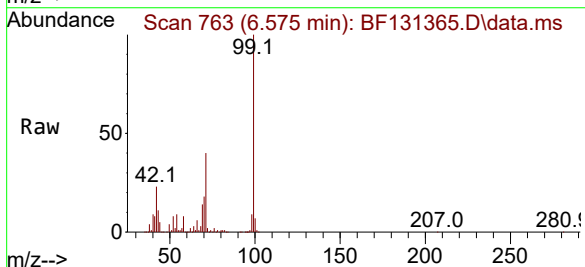
Instrument :
BNA_F
ClientSampleId :
TP-1

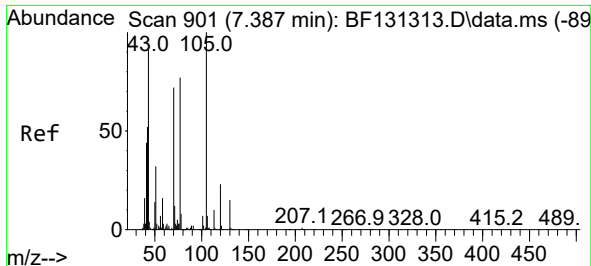
Tgt Ion:112 Resp: 958603
Ion Ratio Lower Upper
112 100
64 70.3 58.6 88.0
63 38.1 31.4 47.0



#7
Phenol-d6
Concen: 132.284 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.006 min
Lab File: BF131365.D
Acq: 23 Nov 2022 17:13

Tgt Ion: 99 Resp: 1140104
Ion Ratio Lower Upper
99 100
42 22.8 19.4 29.2
71 40.4 32.3 48.5





#19

n-Nitroso-di-n-propylamine

Concen: 19.703 ng

RT: 7.522 min Scan# 91

Delta R.T. 0.153 min

Lab File: BF131365.D

Acq: 23 Nov 2022 17:13

Instrument :

BNA_F

ClientSampleId :

TP-1

Tgt Ion: 70 Resp: 124313

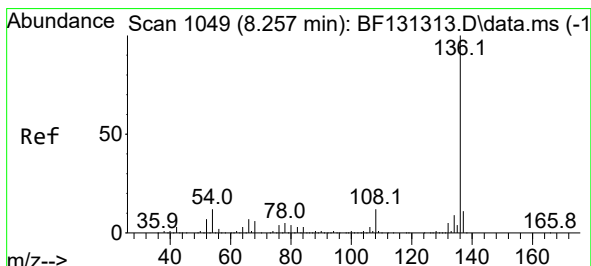
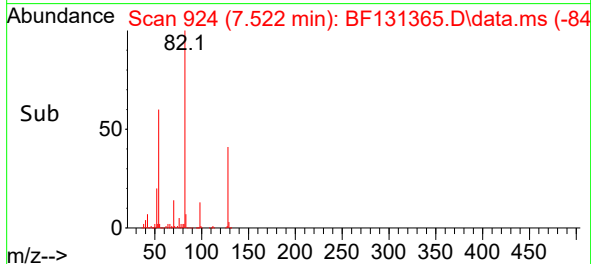
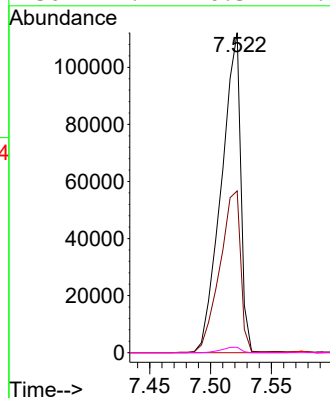
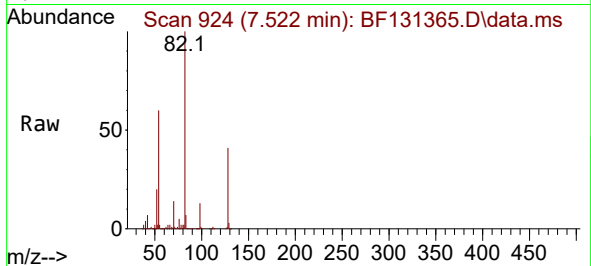
Ion Ratio Lower Upper

70 100

42 50.5 57.6 86.4#

101 0.0 8.2 12.2#

130 1.7 16.3 24.5#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.239 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BF131365.D

Acq: 23 Nov 2022 17:13

Tgt Ion: 136 Resp: 479114

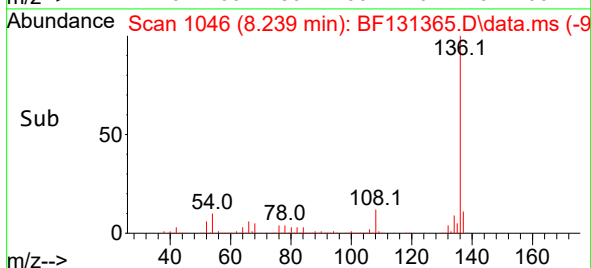
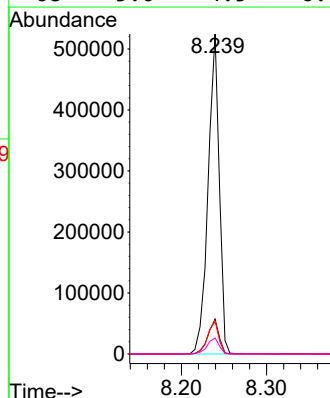
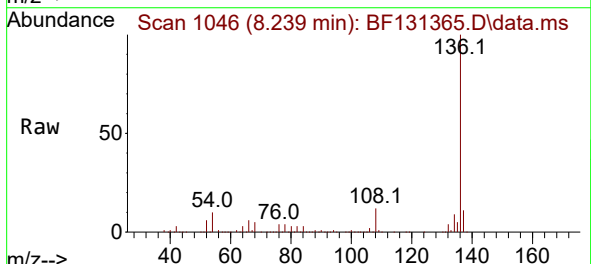
Ion Ratio Lower Upper

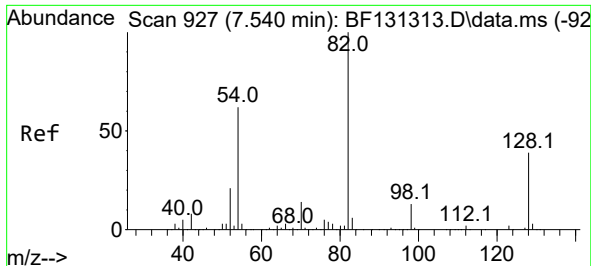
136 100

137 10.9 9.0 13.6

54 10.1 9.4 14.0

68 5.0 4.5 6.7

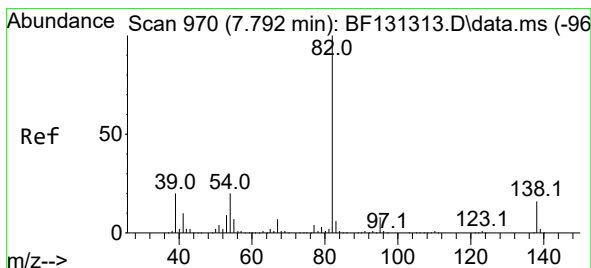
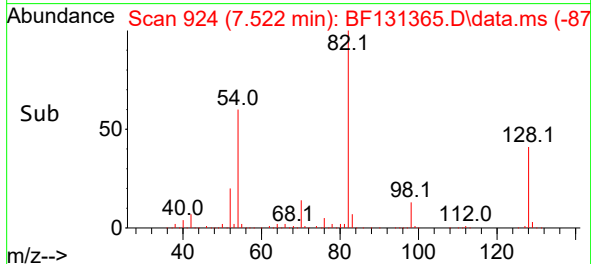
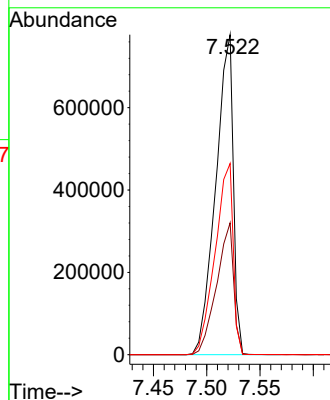
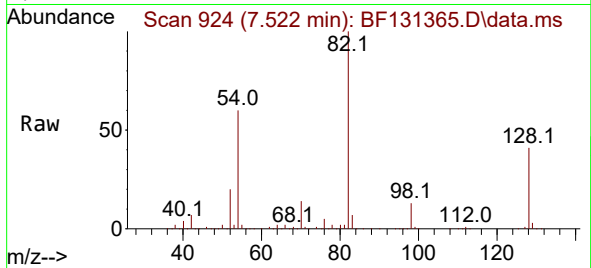




#23
Nitrobenzene-d5
Concen: 93.438 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF131365.D
Acq: 23 Nov 2022 17:13

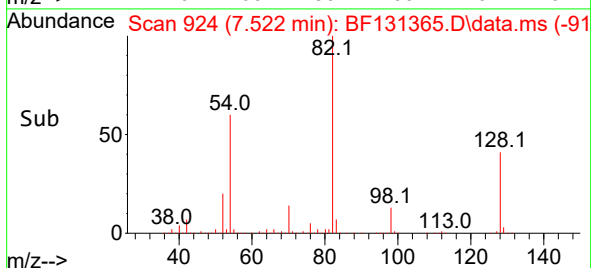
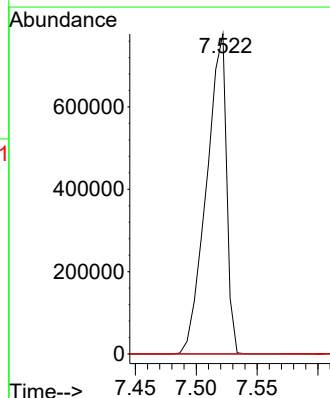
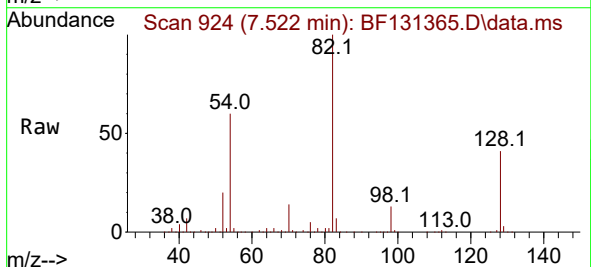
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ClientSampleId :
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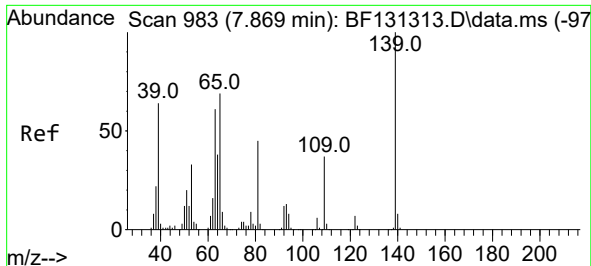
Tgt Ion: 82 Resp: 888089
Ion Ratio Lower Upper
82 100
128 41.2 31.4 47.0
54 59.8 49.8 74.6



#25
Isophorone
Concen: 52.233 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.259 min
Lab File: BF131365.D
Acq: 23 Nov 2022 17:13

Tgt Ion: 82 Resp: 885720
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#

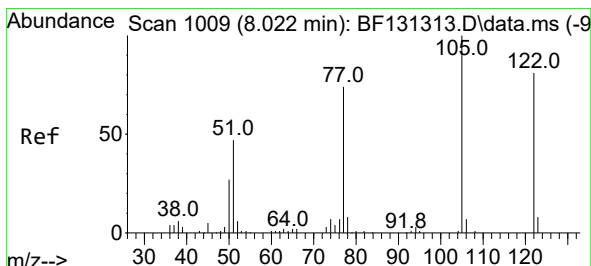
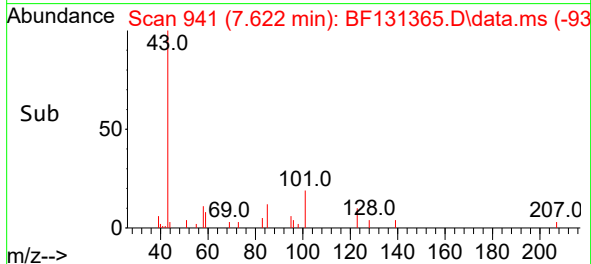
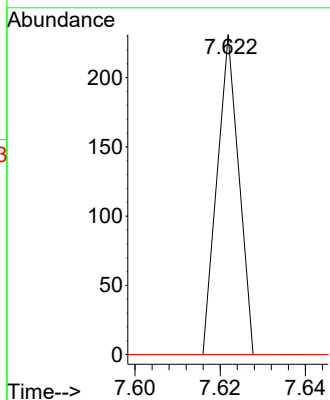
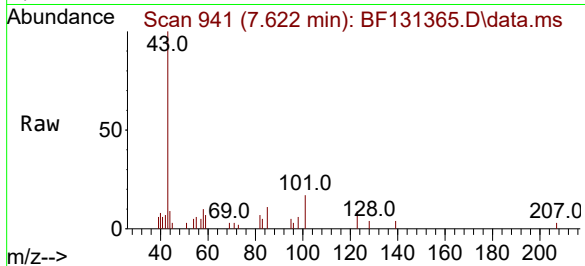




#26
2-Nitrophenol
Concen: 3.610 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.235 min
Lab File: BF131365.D
Acq: 23 Nov 2022 17:13

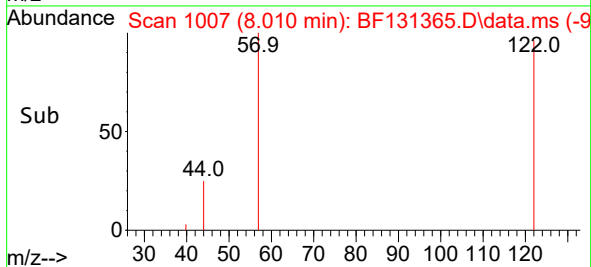
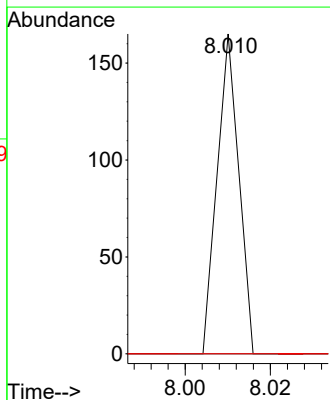
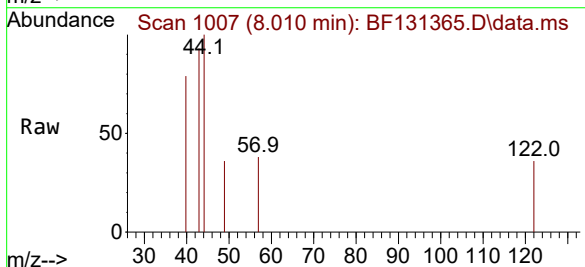
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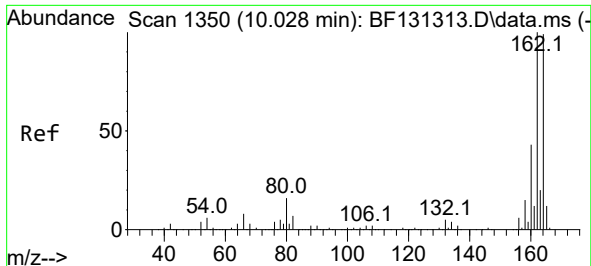
Tgt Ion:139 Resp: 82
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 55.7 83.5#



#32
Benzoic acid
Concen: 5.143 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.012 min
Lab File: BF131365.D
Acq: 23 Nov 2022 17:13

Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 0.0 103.8 143.8#
77 0.0 74.3 114.3#

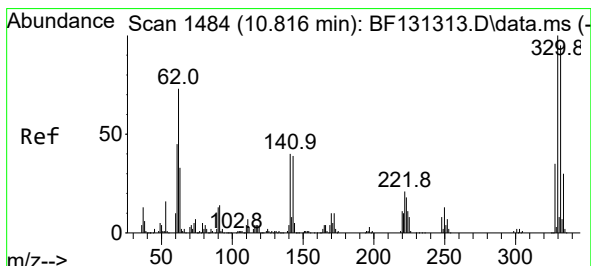
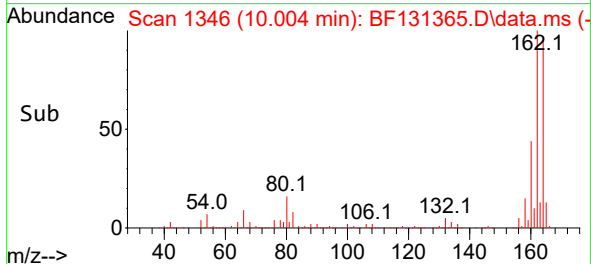
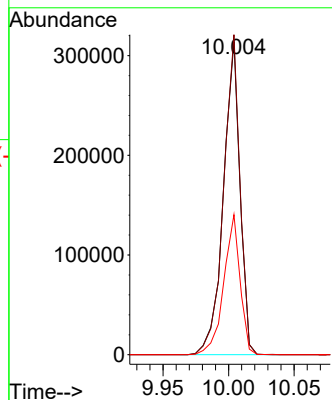
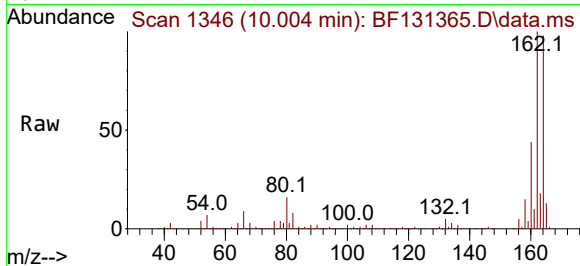




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131365.D
Acq: 23 Nov 2022 17:13

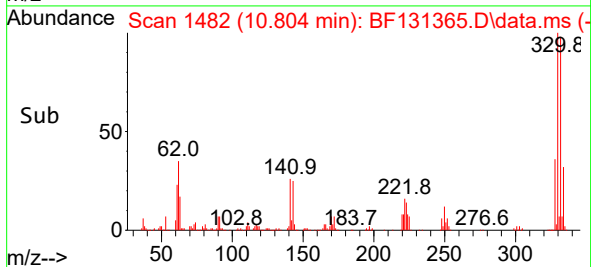
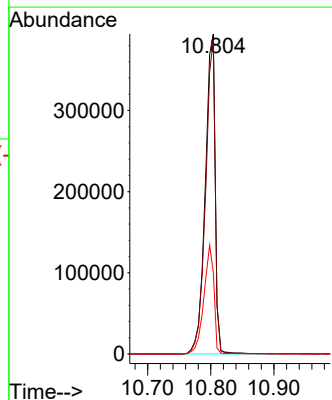
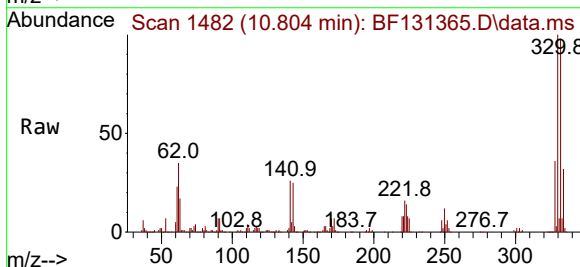
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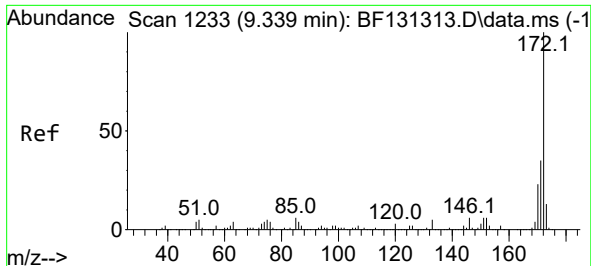
Tgt Ion:164 Resp: 275936
Ion Ratio Lower Upper
164 100
162 102.1 80.6 120.8
160 44.7 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 186.379 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF131365.D
Acq: 23 Nov 2022 17:13

Tgt Ion:330 Resp: 432674
Ion Ratio Lower Upper
330 100
332 95.6 77.5 116.3
141 34.4 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 85.770 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131365.D

Acq: 23 Nov 2022 17:13

Instrument :

BNA_F

ClientSampleId :

TP-1

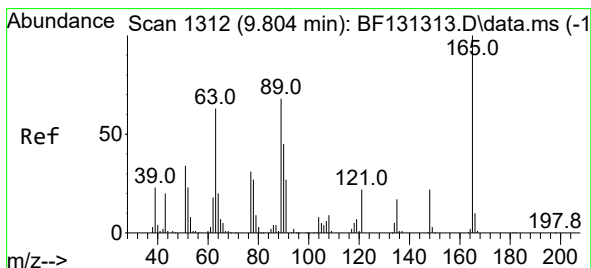
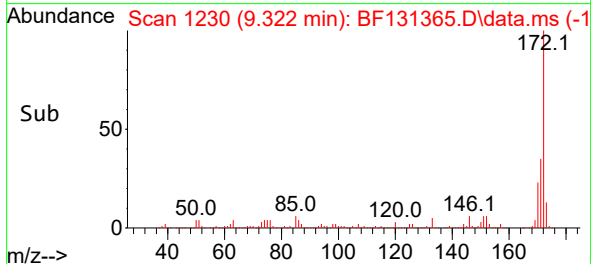
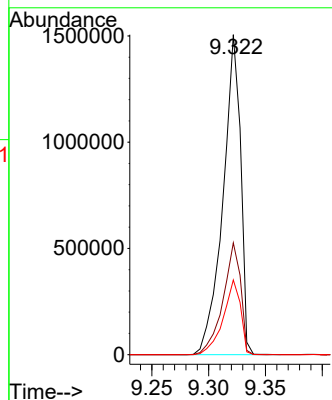
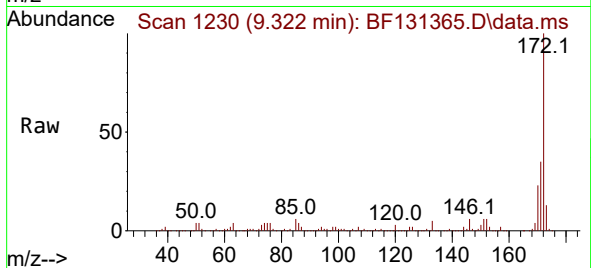
Tgt Ion:172 Resp: 1626801

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.4 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.106 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF131365.D

Acq: 23 Nov 2022 17:13

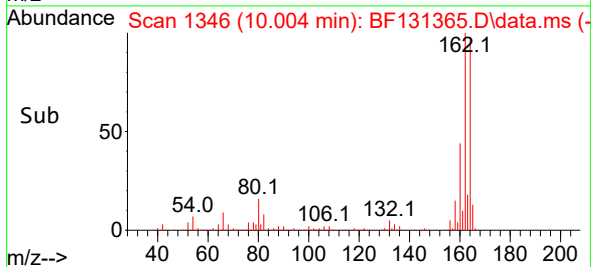
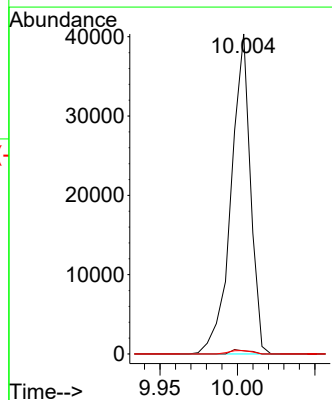
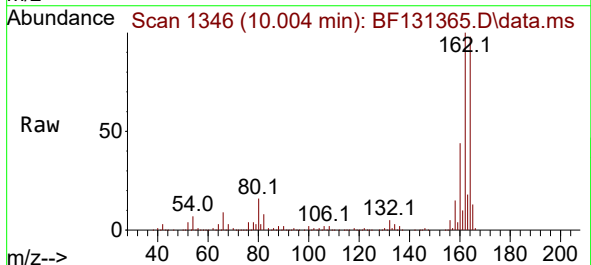
Tgt Ion:165 Resp: 35010

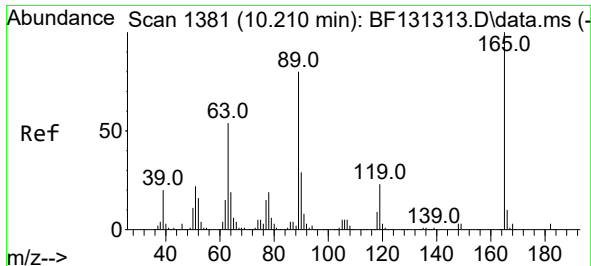
Ion Ratio Lower Upper

165 100

63 1.0 62.0 93.0#

89 1.1 54.4 81.6#

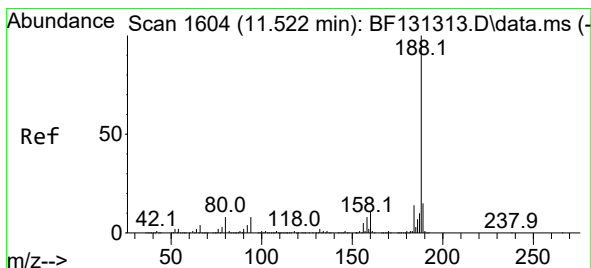
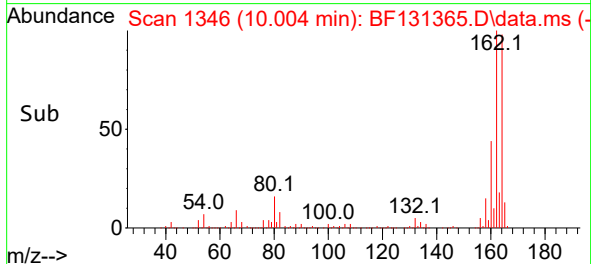
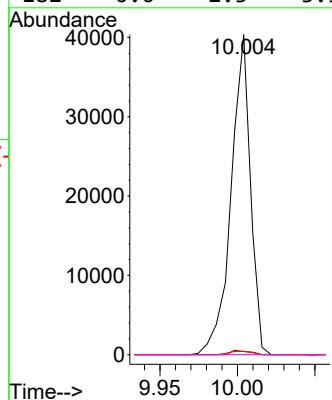
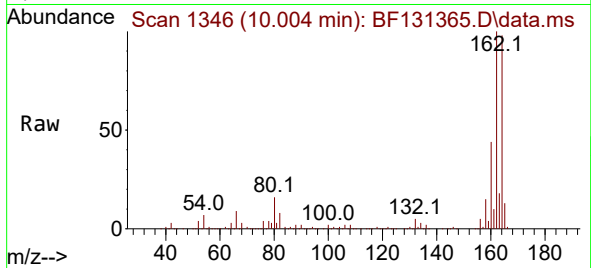




#57
2,4-Dinitrotoluene
Concen: 7.237 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF131365.D
Acq: 23 Nov 2022 17:13

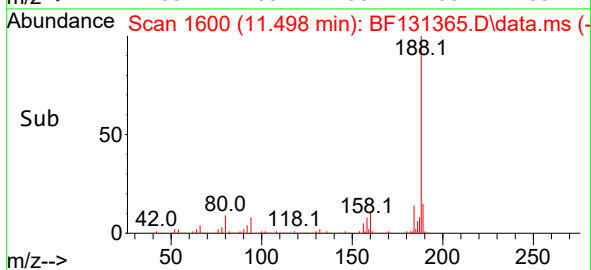
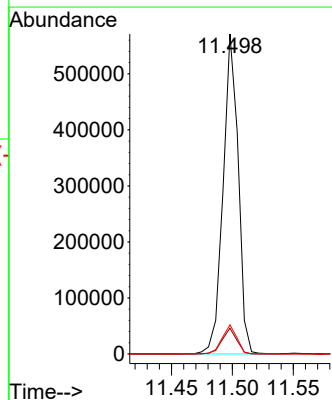
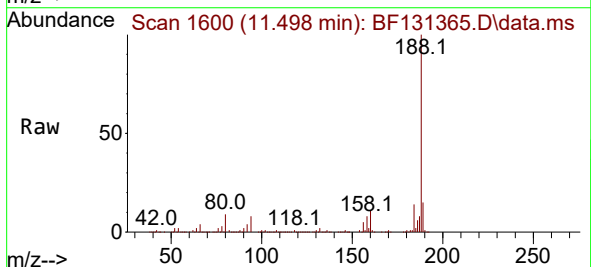
Instrument :
BNA_F
ClientSampleId :
TP-1

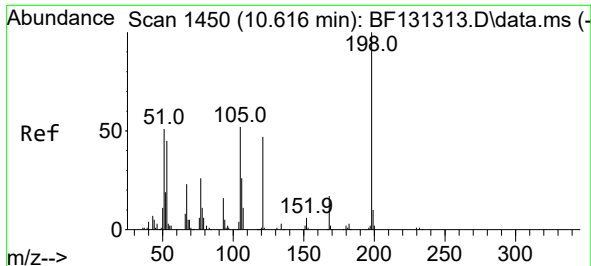
Tgt Ion:165 Resp: 35010
Ion Ratio Lower Upper
165 100
63 1.0 43.4 65.2#
89 1.1 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BF131365.D
Acq: 23 Nov 2022 17:13

Tgt Ion:188 Resp: 495010
Ion Ratio Lower Upper
188 100
94 8.1 6.3 9.5
80 9.1 6.8 10.2

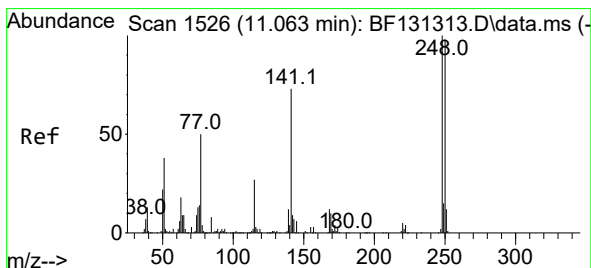
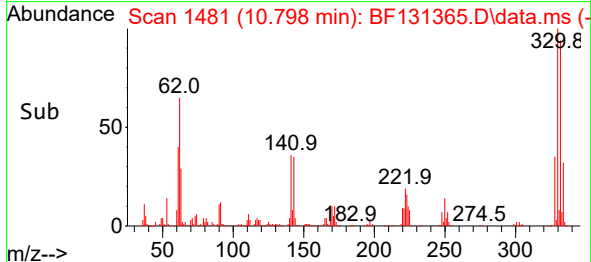
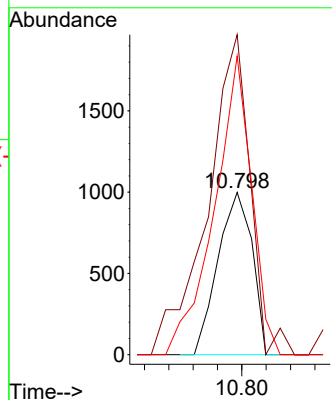
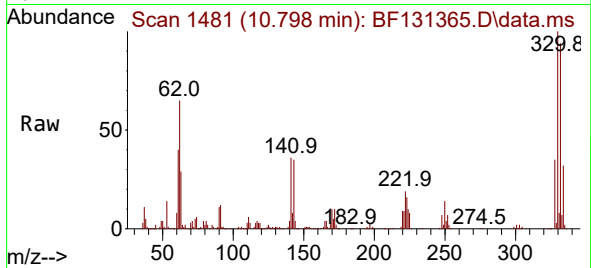




#65
4,6-Dinitro-2-methylphenol
Concen: 5.087 ng
RT: 10.798 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF131365.D
Acq: 23 Nov 2022 17:13

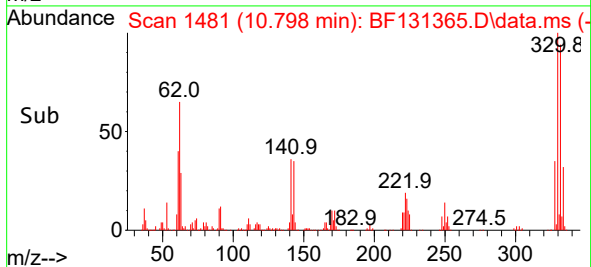
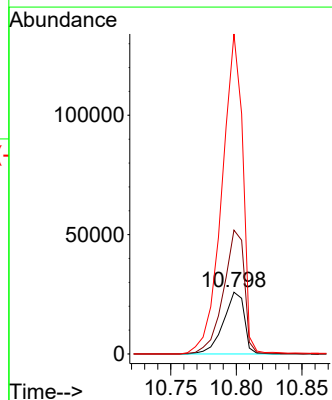
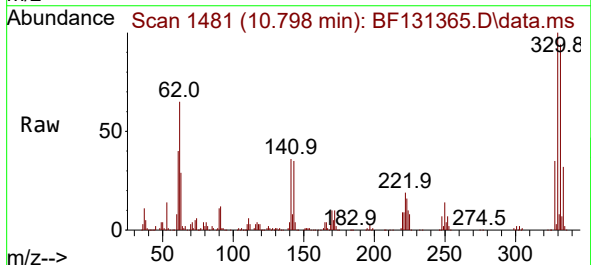
Instrument :
BNA_F
ClientSampleId :
TP-1

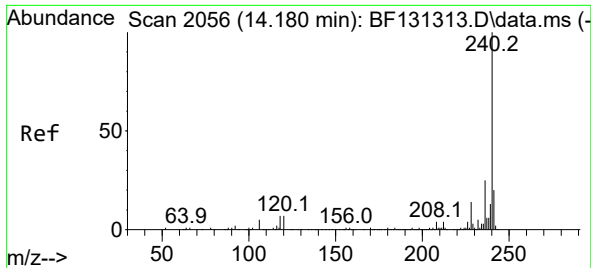
Tgt Ion:198 Resp: 972
Ion Ratio Lower Upper
198 100
51 197.3 50.1 90.1#
105 184.2 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 4.730 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.247 min
Lab File: BF131365.D
Acq: 23 Nov 2022 17:13

Tgt Ion:248 Resp: 28695
Ion Ratio Lower Upper
248 100
250 200.3 78.3 117.5#
141 517.8 58.0 87.0#

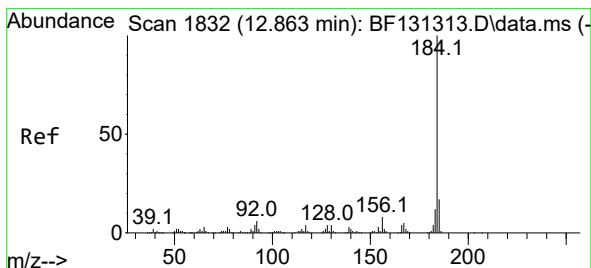
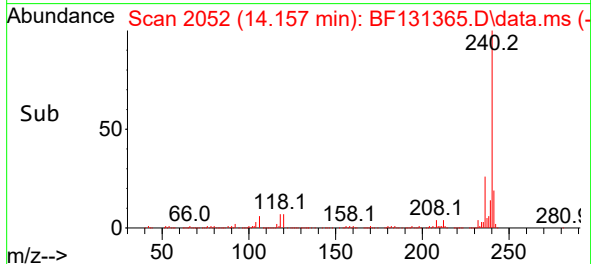
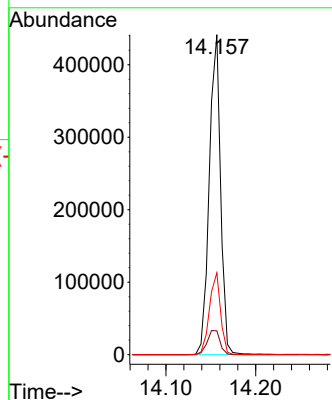
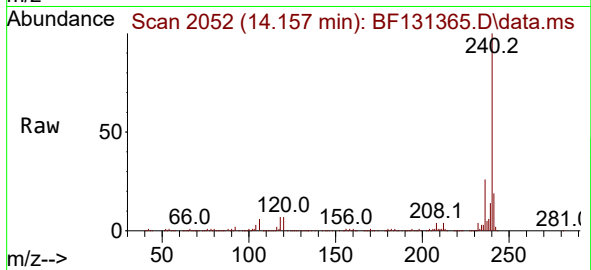




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BF131365.D
Acq: 23 Nov 2022 17:13

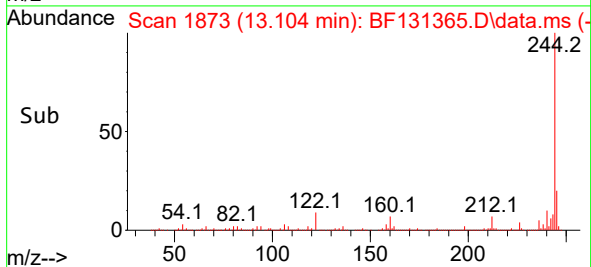
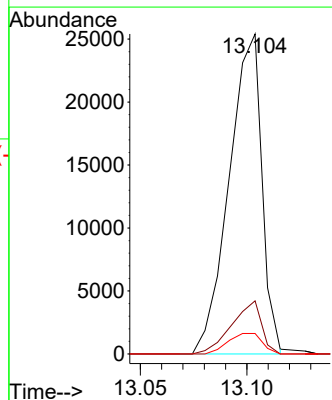
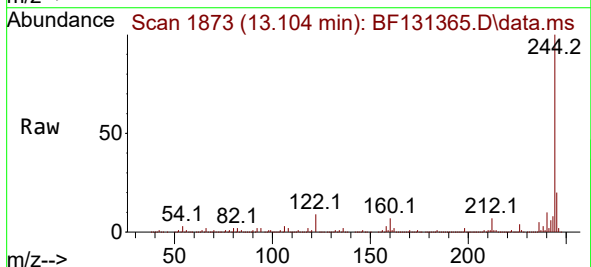
Instrument :
BNA_F
ClientSampleId :
TP-1

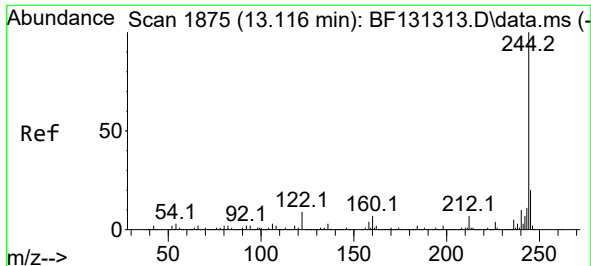
Tgt Ion:240 Resp: 386188
Ion Ratio Lower Upper
240 100
120 7.5 5.8 8.8
236 25.6 20.3 30.5



#77
Benzidine
Concen: 3.797 ng
RT: 13.104 min Scan# 1873
Delta R.T. 0.259 min
Lab File: BF131365.D
Acq: 23 Nov 2022 17:13

Tgt Ion:184 Resp: 27084
Ion Ratio Lower Upper
184 100
185 16.6 13.8 20.8
183 6.4 9.6 14.4#

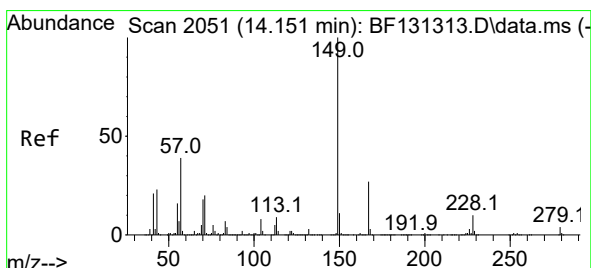
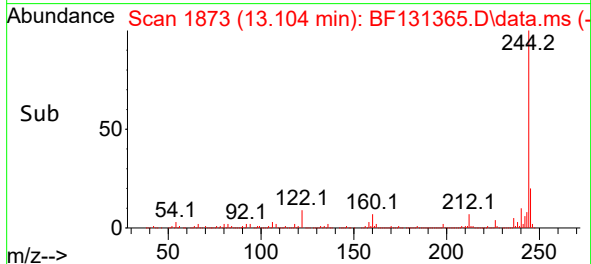
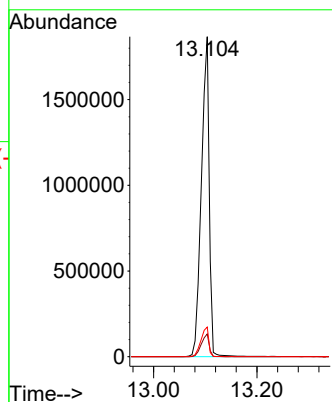
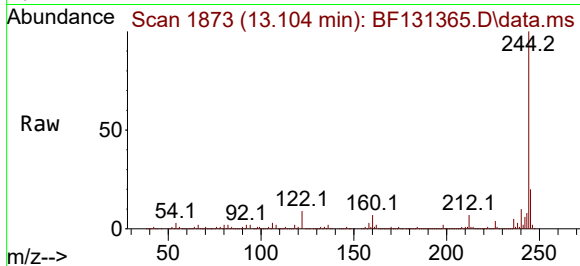




#79
 Terphenyl-d14
 Concen: 83.402 ng
 RT: 13.104 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF131365.D
 Acq: 23 Nov 2022 17:13

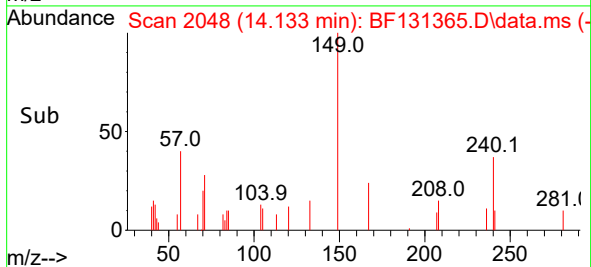
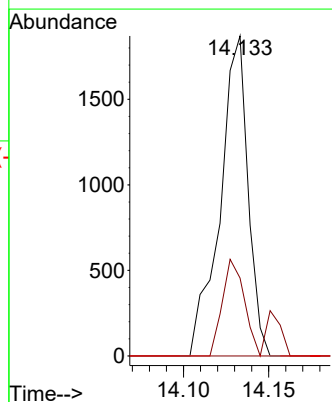
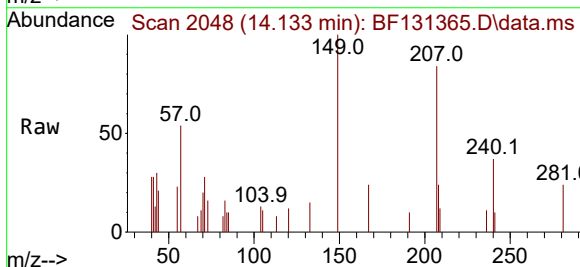
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

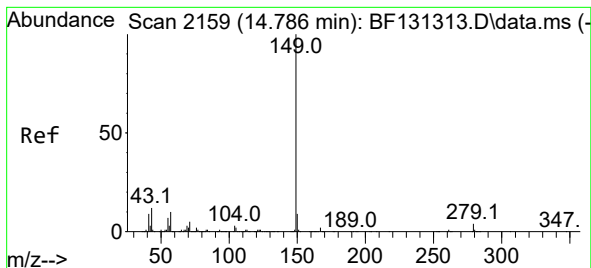
Tgt Ion:244 Resp: 1969632
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.2 7.5 11.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.878 ng
 RT: 14.133 min Scan# 2048
 Delta R.T. -0.000 min
 Lab File: BF131365.D
 Acq: 23 Nov 2022 17:13

Tgt Ion:149 Resp: 2133
 Ion Ratio Lower Upper
 149 100
 167 24.3 21.9 32.9
 279 0.0 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 3.914 ng

RT: 14.757 min Scan# 2154

Delta R.T. -0.006 min

Lab File: BF131365.D

Acq: 23 Nov 2022 17:13

Instrument :

BNA_F

ClientSampleId :

TP-1

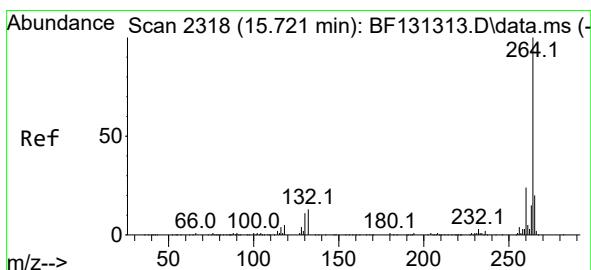
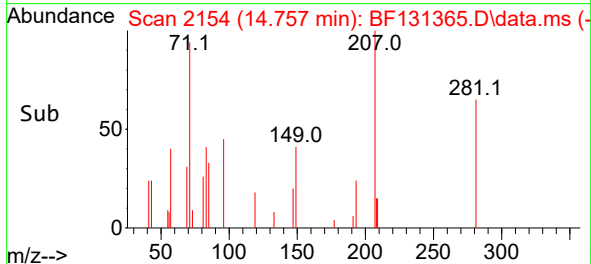
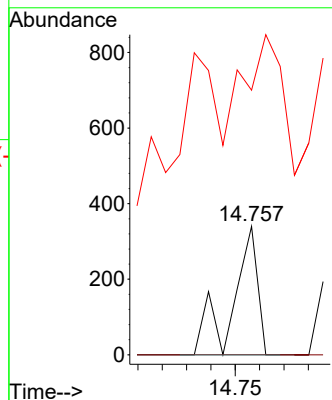
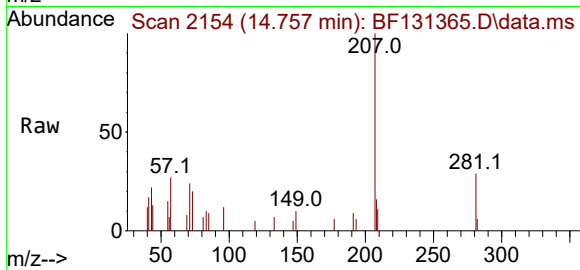
Tgt Ion:149 Resp: 240

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 297.9 10.7 16.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.692 min Scan# 2313

Delta R.T. -0.000 min

Lab File: BF131365.D

Acq: 23 Nov 2022 17:13

Tgt Ion:264 Resp: 347255

Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.4

265 21.4 16.4 24.6

