

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
 Data File : BF131366.D
 Acq On : 23 Nov 2022 17:45
 Operator : CG\JU
 Sample : N5762-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Nov 24 05:56:32 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)

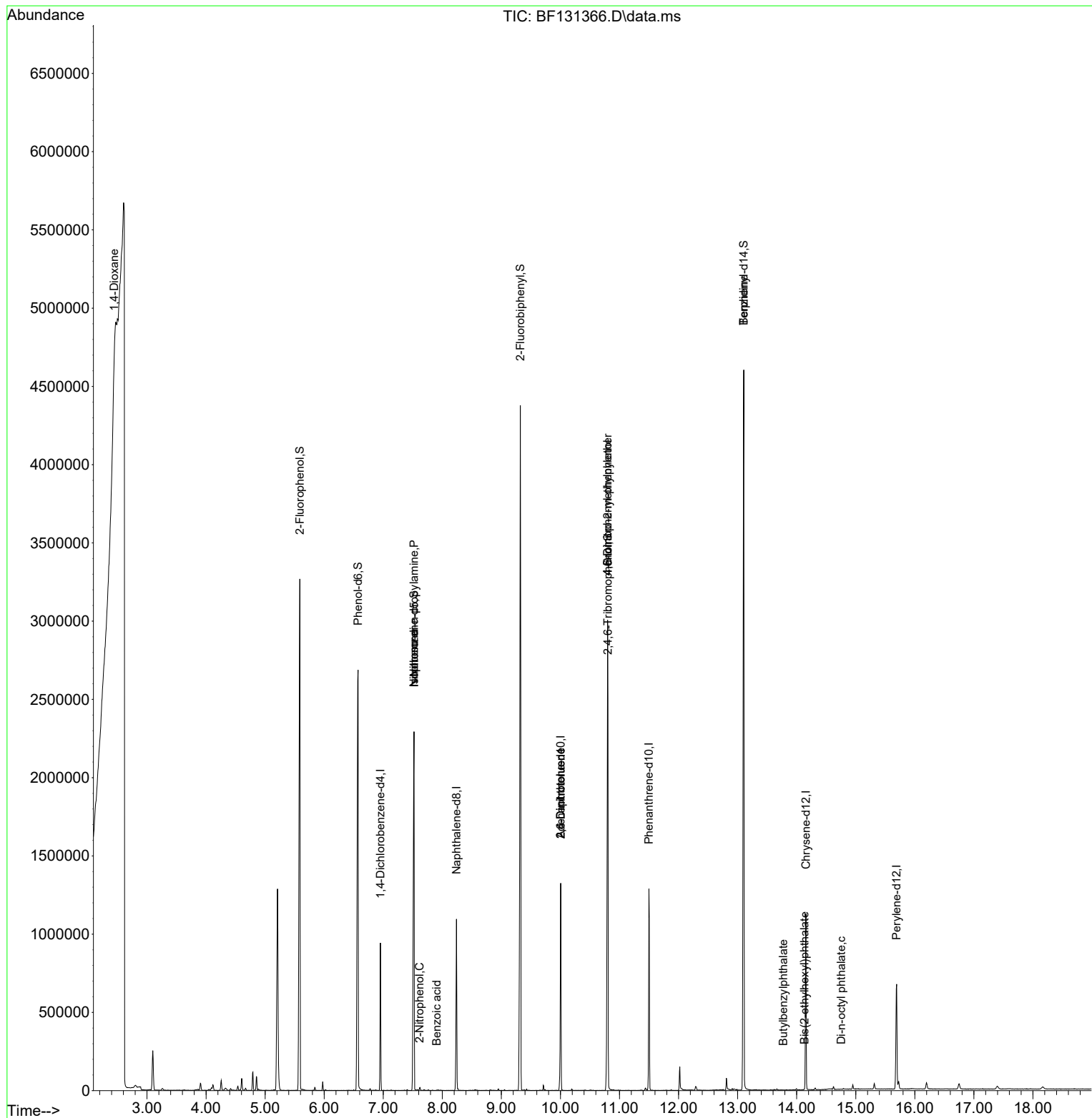
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	122025	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	456161	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	265783	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	480838	20.000	ng	0.00
76) Chrysene-d12	14.157	240	376883	20.000	ng	0.00
86) Perylene-d12	15.692	264	334973	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	929869	145.031	ng	0.03
7) Phenol-d6	6.575	99	1083396	132.439	ng	0.00
23) Nitrobenzene-d5	7.522	82	847760	93.683	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	398608	178.264	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1527956	83.636	ng	0.00
79) Terphenyl-d14	13.104	244	1875427	81.373	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.446	88	9261	3.030	ng	# 20
9) Benzaldehyde	6.569	77	2086	Below Cal		# 4
19) n-Nitroso-di-n-propyla...	7.522	70	117974	19.700	ng	# 73
25) Isophorone	7.522	82	845986	52.400	ng	# 68
26) 2-Nitrophenol	7.616	139	293	3.674	ng	# 23
32) Benzoic acid	7.904	122	859	5.387	ng	# 99
51) 2,6-Dinitrotoluene	10.004	165	33734	9.109	ng	# 15
57) 2,4-Dinitrotoluene	10.004	165	33734	7.240	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.798	198	994	5.114	ng	# 1
67) 4-Bromophenyl-phenylether	10.798	248	26222	4.449	ng	# 1
77) Benzidine	13.104	184	25365	3.644	ng	# 94
80) Butylbenzylphthalate	13.774	149	60	4.148	ng	# 20
84) Bis(2-ethylhexyl)phtha...	14.133	149	1013	3.812	ng	# 73
85) Di-n-octyl phthalate	14.757	149	79	3.906	ng	# 1

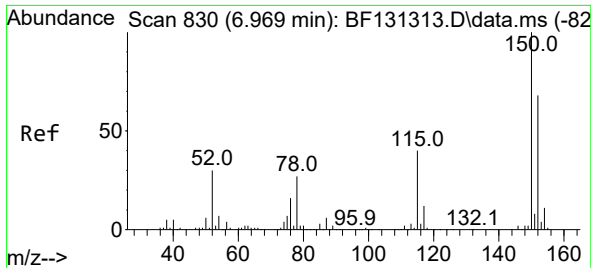
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112322\
Data File : BF131366.D
Acq On : 23 Nov 2022 17:45
Operator : CG\JU
Sample : N5762-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

Quant Time: Nov 24 05:56:32 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

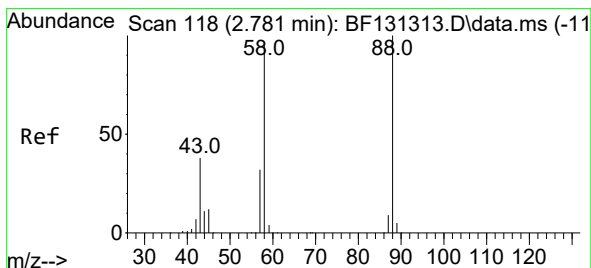
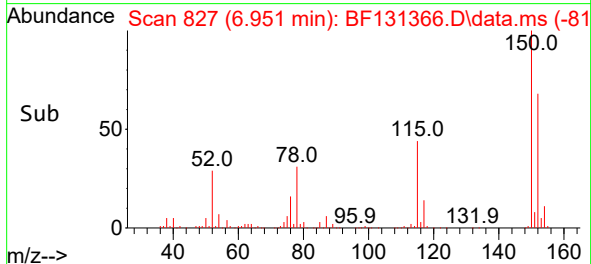
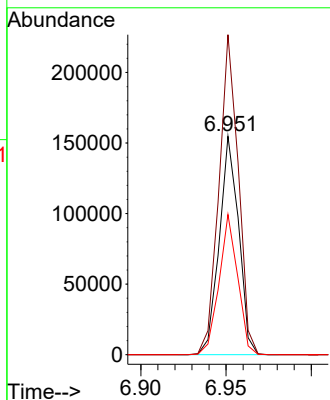
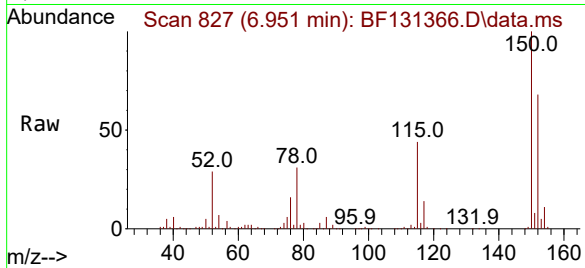




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.951 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF131366.D
 Acq: 23 Nov 2022 17:45

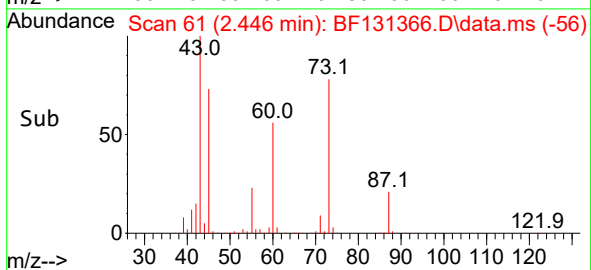
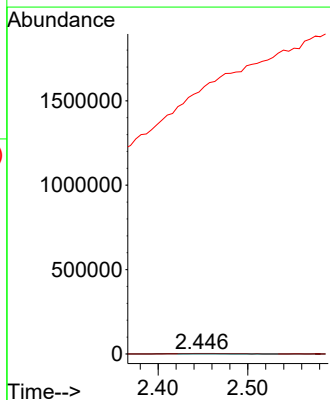
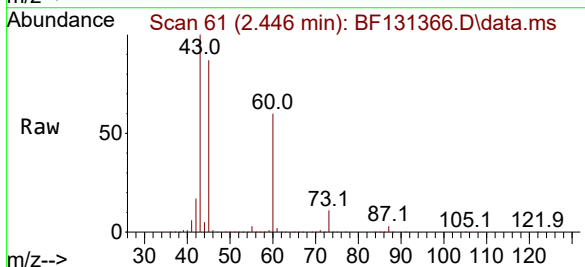
Instrument :
 BNA_F
 ClientSampleId :
 TP-2

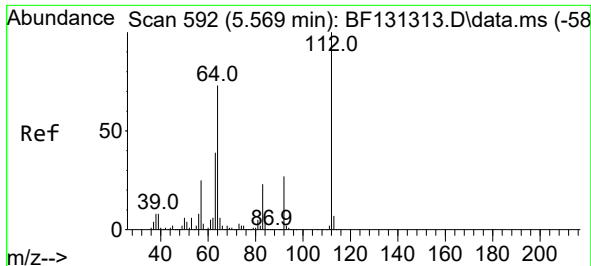
Tgt Ion:152 Resp: 122025
 Ion Ratio Lower Upper
 152 100
 150 146.6 117.8 176.8
 115 64.2 47.1 70.7



#2
 1,4-Dioxane
 Concen: 3.030 ng
 RT: 2.446 min Scan# 61
 Delta R.T. -0.318 min
 Lab File: BF131366.D
 Acq: 23 Nov 2022 17:45

Tgt Ion: 88 Resp: 9261
 Ion Ratio Lower Upper
 88 100
 58 13.0 78.2 117.4#
 43 0.0 31.6 47.4#

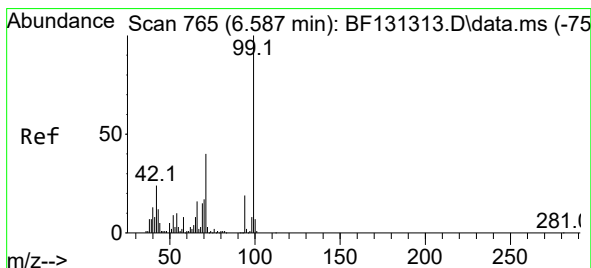
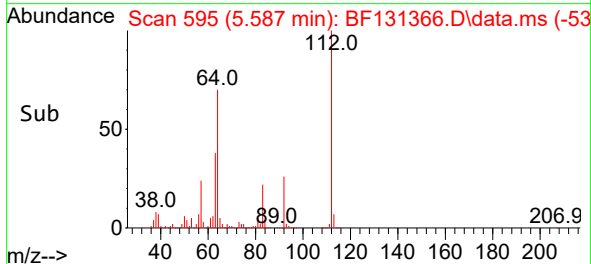
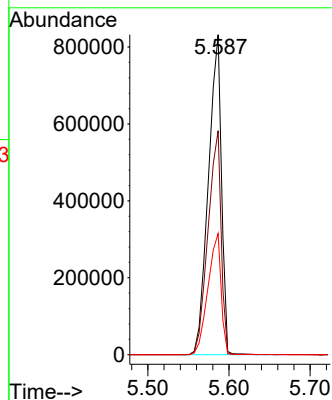
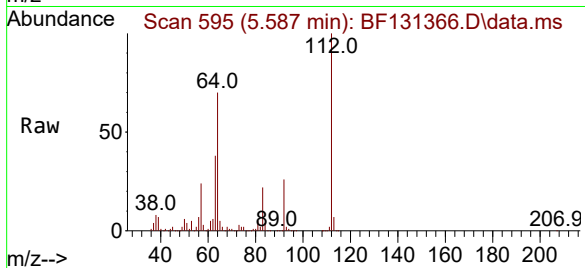




#5
2-Fluorophenol
Concen: 145.031 ng
RT: 5.587 min Scan# 592
Delta R.T. 0.029 min
Lab File: BF131366.D
Acq: 23 Nov 2022 17:45

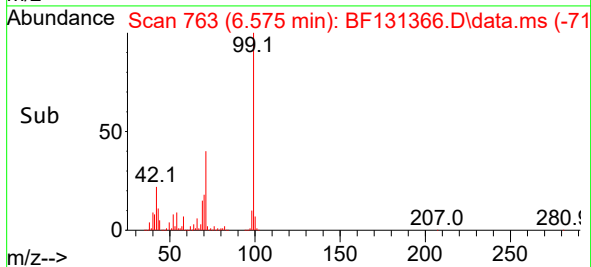
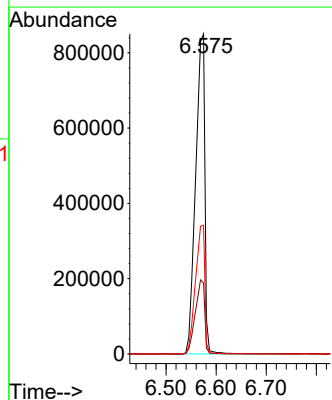
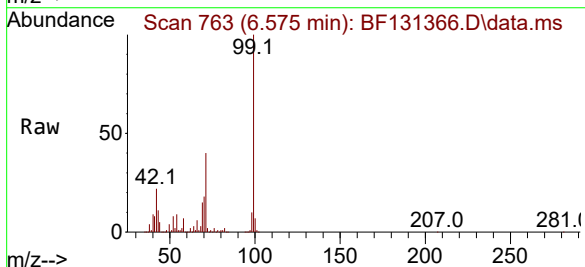
Instrument :
BNA_F
ClientSampleId :
TP-2

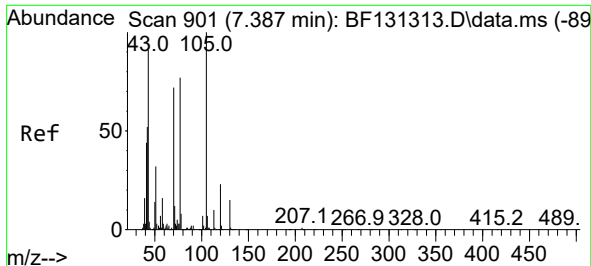
Tgt Ion:112 Resp: 929869
Ion Ratio Lower Upper
112 100
64 70.0 58.6 88.0
63 37.9 31.4 47.0



#7
Phenol-d6
Concen: 132.439 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.006 min
Lab File: BF131366.D
Acq: 23 Nov 2022 17:45

Tgt Ion: 99 Resp: 1083396
Ion Ratio Lower Upper
99 100
42 22.2 19.4 29.2
71 40.2 32.3 48.5





#19

n-Nitroso-di-n-propylamine

Concen: 19.700 ng

RT: 7.522 min Scan# 91

Delta R.T. 0.153 min

Lab File: BF131366.D

Acq: 23 Nov 2022 17:45

Instrument :

BNA_F

ClientSampleId :

TP-2

Tgt Ion: 70 Resp: 117974

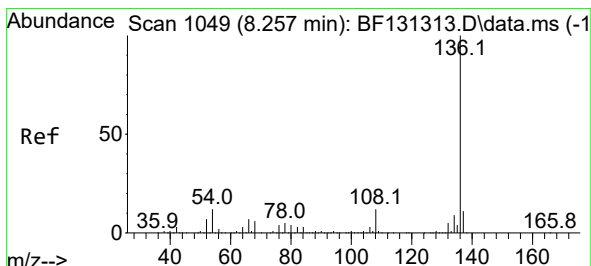
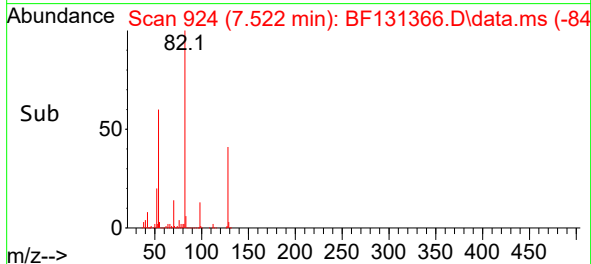
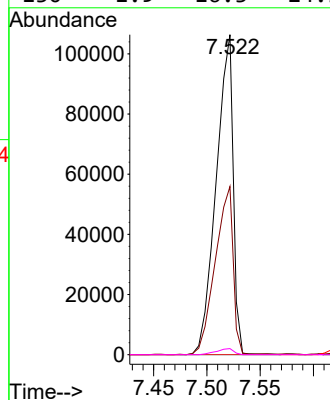
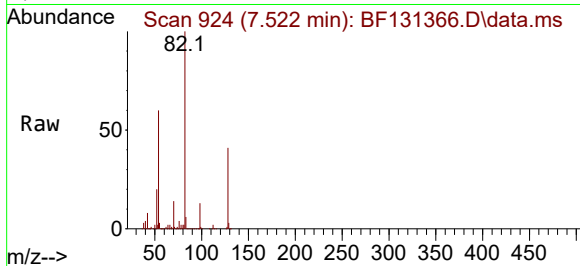
Ion Ratio Lower Upper

70 100

42 52.6 57.6 86.4#

101 0.0 8.2 12.2#

130 1.9 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: BF131366.D

Acq: 23 Nov 2022 17:45

Tgt Ion:136 Resp: 456161

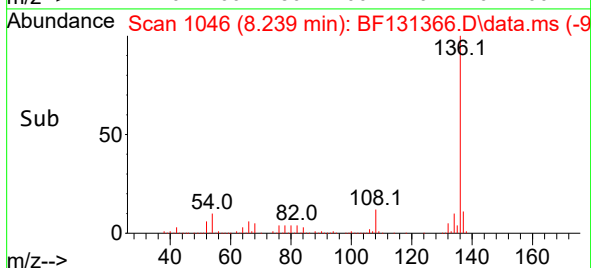
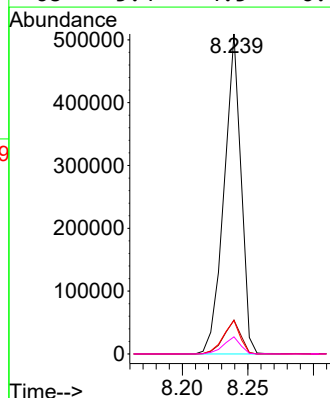
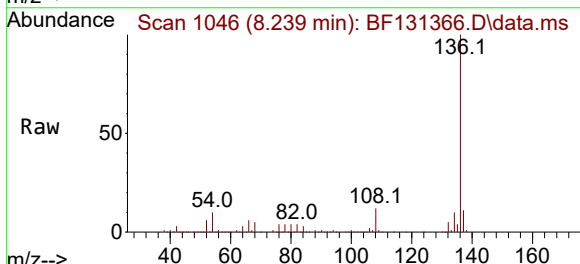
Ion Ratio Lower Upper

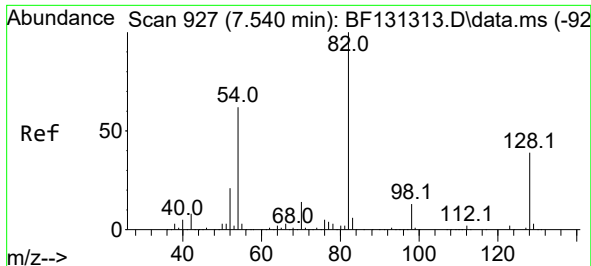
136 100

137 10.6 9.0 13.6

54 10.5 9.4 14.0

68 5.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 93.683 ng

RT: 7.522 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF131366.D

Acq: 23 Nov 2022 17:45

Instrument :

BNA_F

ClientSampleId :

TP-2

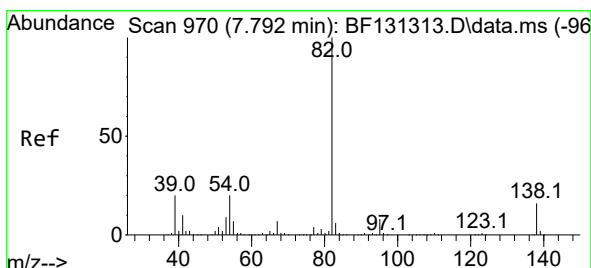
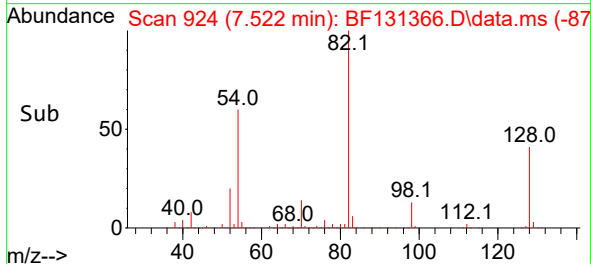
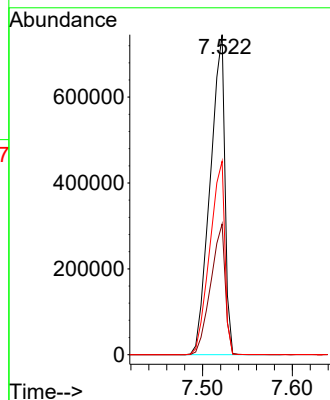
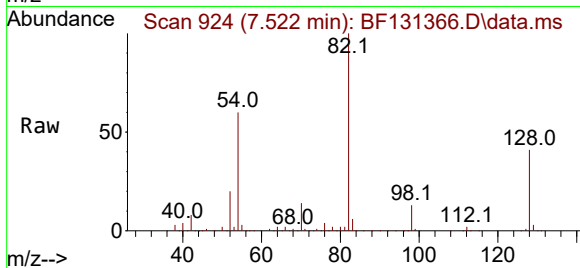
Tgt Ion: 82 Resp: 847760

Ion Ratio Lower Upper

82 100

128 40.8 31.4 47.0

54 60.5 49.8 74.6



#25

Isophorone

Concen: 52.400 ng

RT: 7.522 min Scan# 924

Delta R.T. -0.259 min

Lab File: BF131366.D

Acq: 23 Nov 2022 17:45

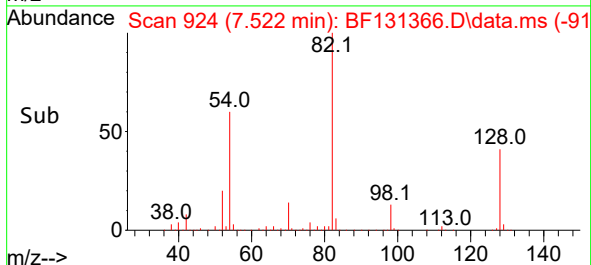
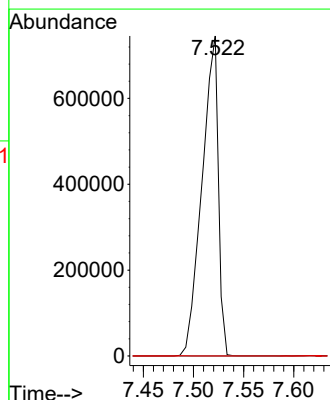
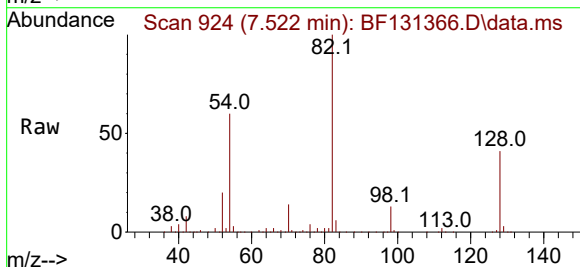
Tgt Ion: 82 Resp: 845986

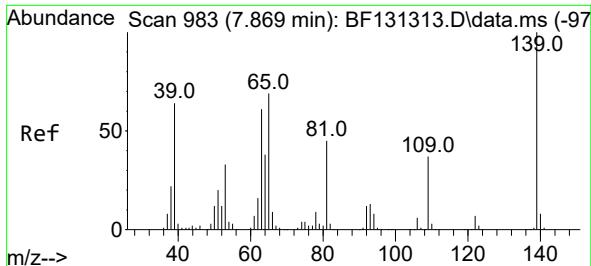
Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

138 0.0 12.7 19.1#

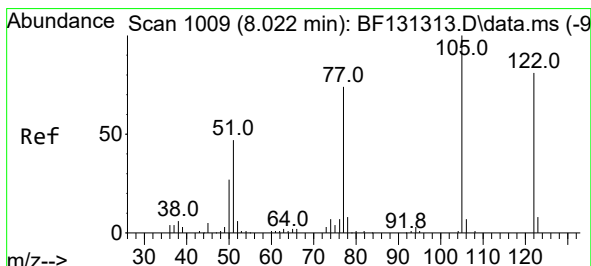
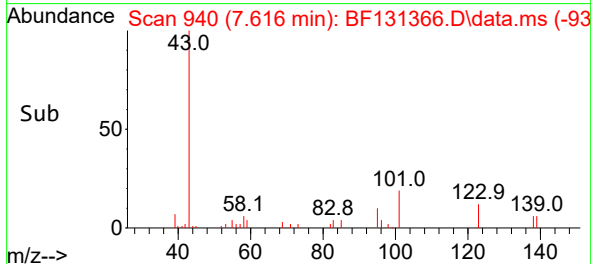
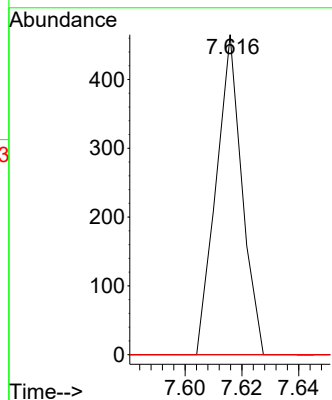
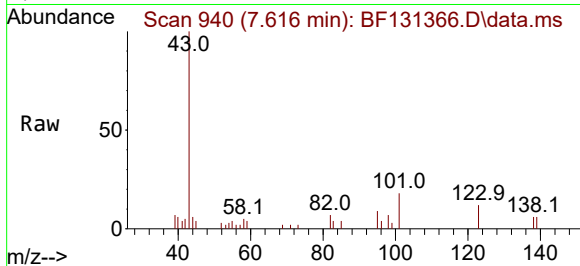




#26
2-Nitrophenol
Concen: 3.674 ng
RT: 7.616 min Scan# 941
Delta R.T. -0.241 min
Lab File: BF131366.D
Acq: 23 Nov 2022 17:45

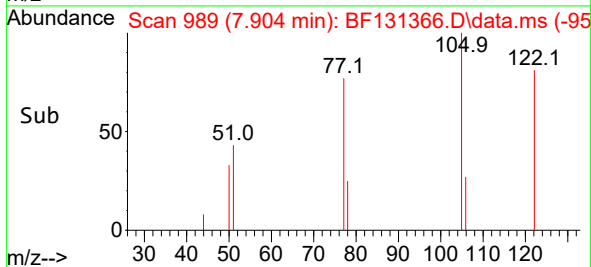
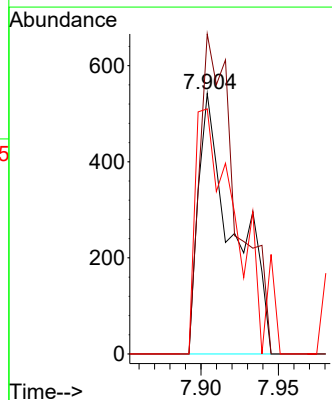
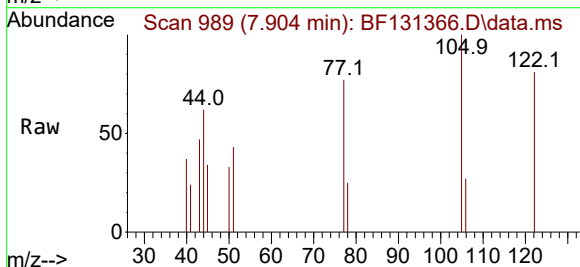
Instrument :
BNA_F
ClientSampleId :
TP-2

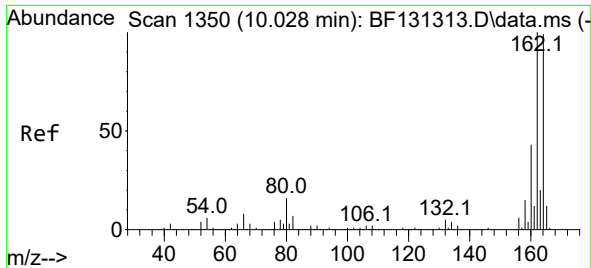
Tgt Ion:139 Resp: 293
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 55.7 83.5#



#32
Benzoic acid
Concen: 5.387 ng
RT: 7.904 min Scan# 989
Delta R.T. -0.094 min
Lab File: BF131366.D
Acq: 23 Nov 2022 17:45

Tgt Ion:122 Resp: 859
Ion Ratio Lower Upper
122 100
105 122.9 103.8 143.8
77 94.1 74.3 114.3

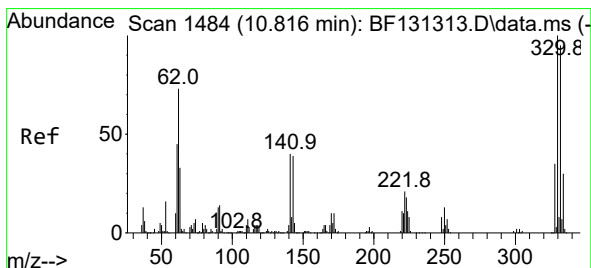
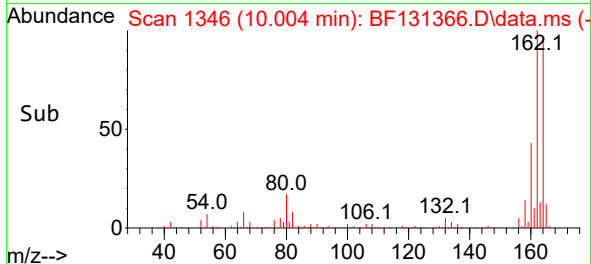
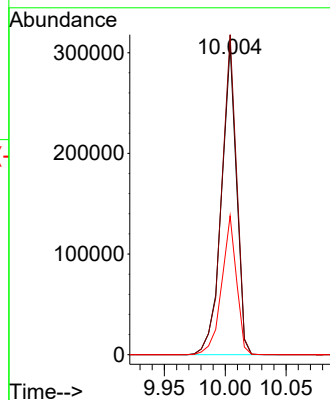
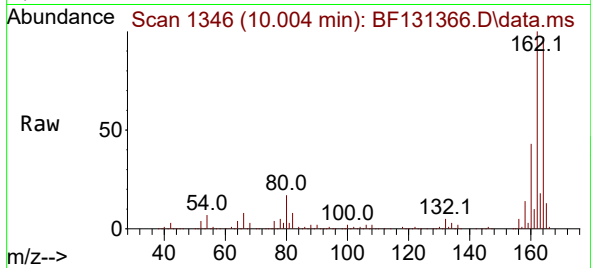




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131366.D
Acq: 23 Nov 2022 17:45

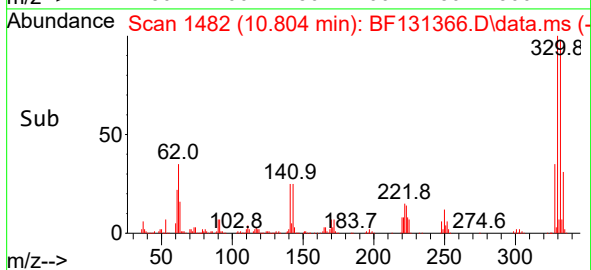
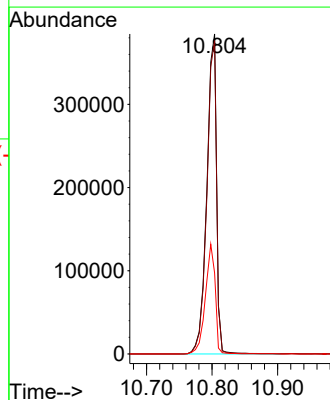
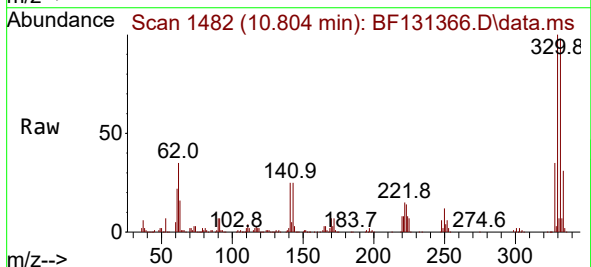
Instrument :
BNA_F
ClientSampleId :
TP-2

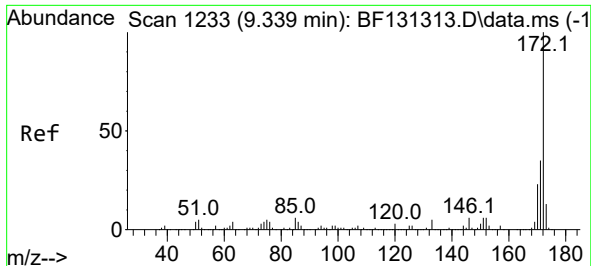
Tgt Ion:164 Resp: 265783
Ion Ratio Lower Upper
164 100
162 103.5 80.6 120.8
160 44.9 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 178.264 ng
RT: 10.804 min Scan# 1482
Delta R.T. -0.000 min
Lab File: BF131366.D
Acq: 23 Nov 2022 17:45

Tgt Ion:330 Resp: 398608
Ion Ratio Lower Upper
330 100
332 97.3 77.5 116.3
141 34.6 29.3 43.9





#45

2-Fluorobiphenyl

Concen: 83.636 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131366.D

Acq: 23 Nov 2022 17:45

Instrument :

BNA_F

ClientSampleId :

TP-2

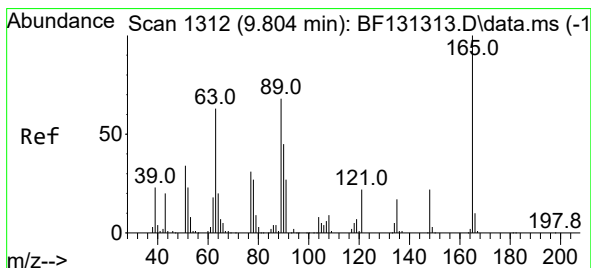
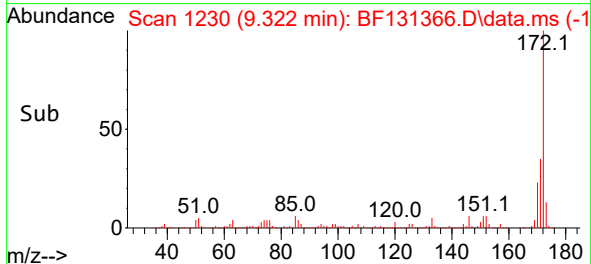
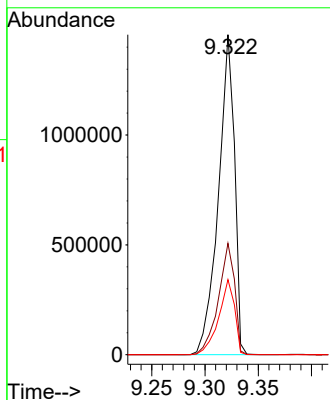
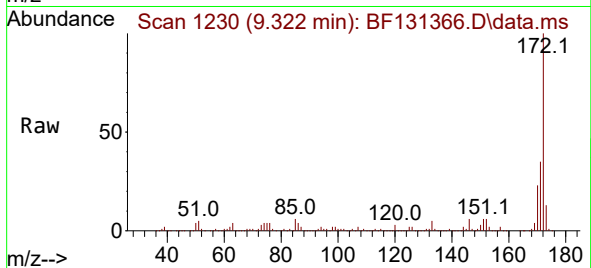
Tgt Ion:172 Resp: 1527956

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 23.5 18.7 28.1



#51

2,6-Dinitrotoluene

Concen: 9.109 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF131366.D

Acq: 23 Nov 2022 17:45

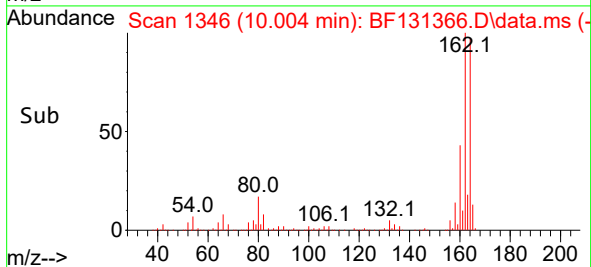
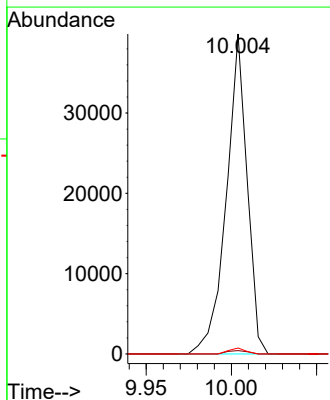
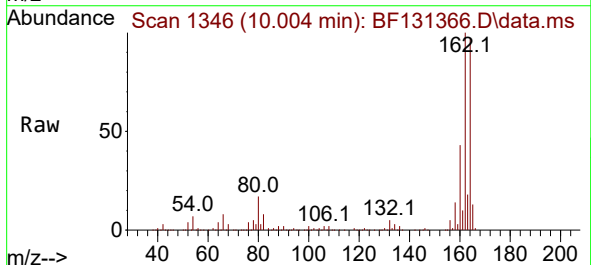
Tgt Ion:165 Resp: 33734

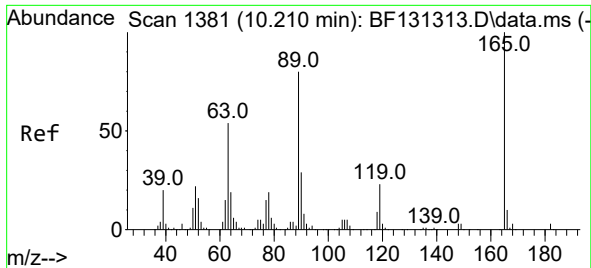
Ion Ratio Lower Upper

165 100

63 1.1 62.0 93.0#

89 1.8 54.4 81.6#

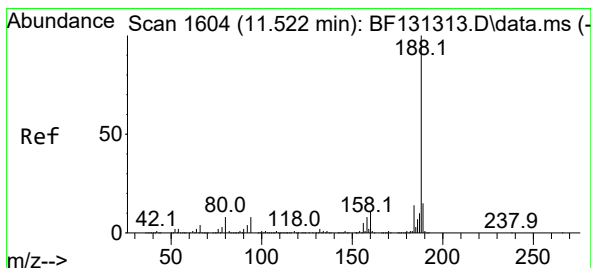
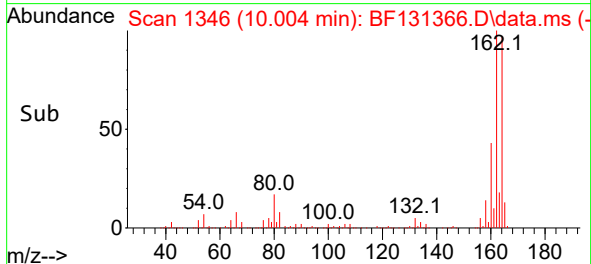
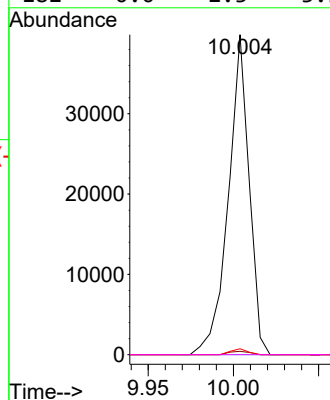
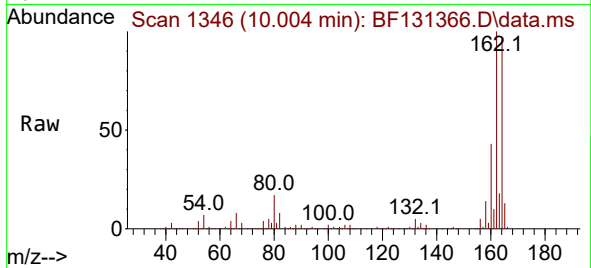




#57
2,4-Dinitrotoluene
Concen: 7.240 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF131366.D
Acq: 23 Nov 2022 17:45

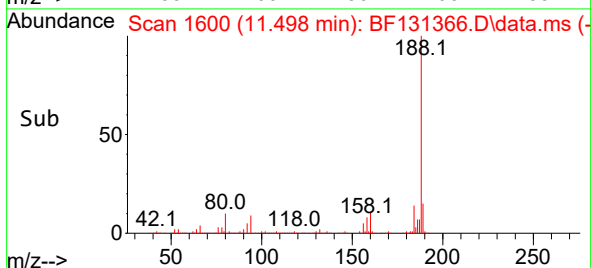
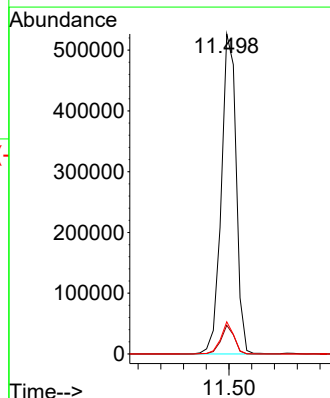
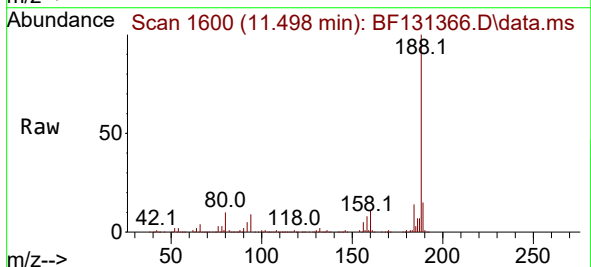
Instrument :
BNA_F
ClientSampleId :
TP-2

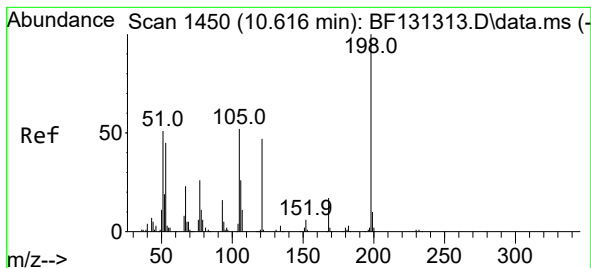
Tgt Ion:165 Resp: 33734
Ion Ratio Lower Upper
165 100
63 1.1 43.4 65.2#
89 1.8 64.0 96.0#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BF131366.D
Acq: 23 Nov 2022 17:45

Tgt Ion:188 Resp: 480838
Ion Ratio Lower Upper
188 100
94 9.0 6.3 9.5
80 10.0 6.8 10.2

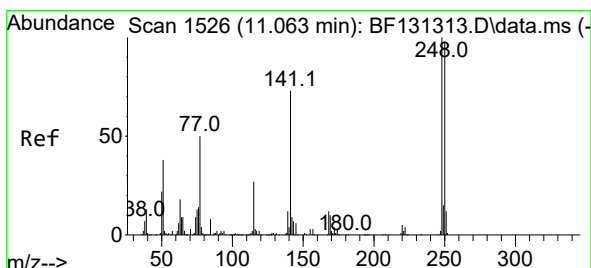
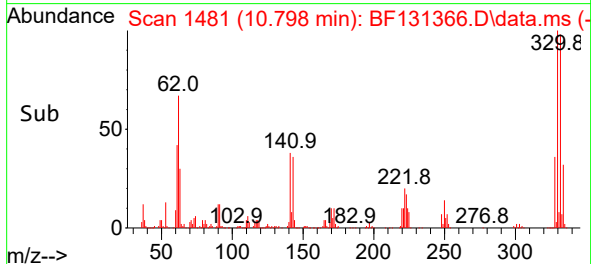
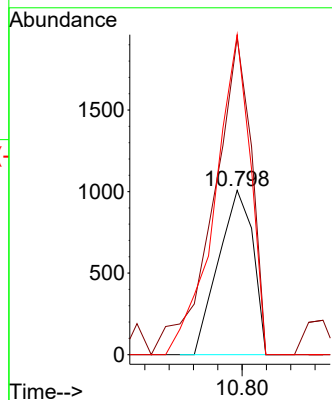
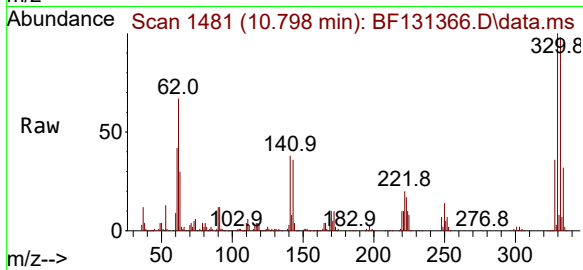




#65
4,6-Dinitro-2-methylphenol
Concen: 5.114 ng
RT: 10.798 min Scan# 1450
Delta R.T. 0.194 min
Lab File: BF131366.D
Acq: 23 Nov 2022 17:45

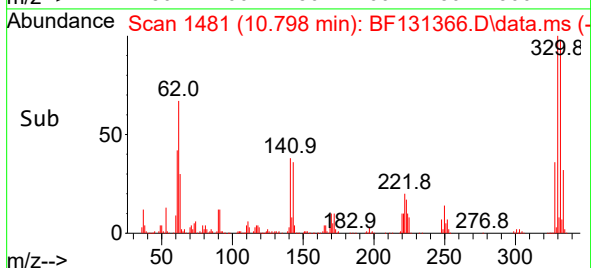
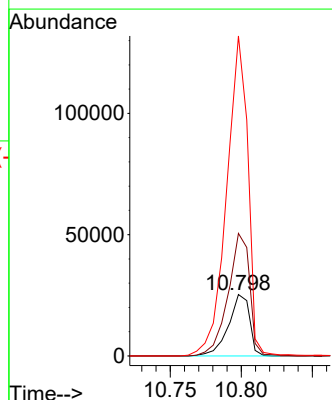
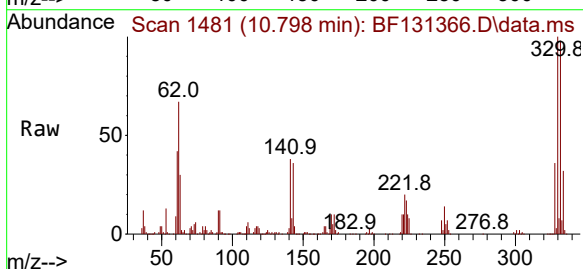
Instrument :
BNA_F
ClientSampleId :
TP-2

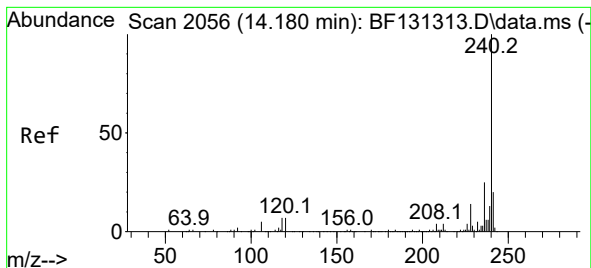
Tgt Ion:198 Resp: 994
Ion Ratio Lower Upper
198 100
51 193.0 50.1 90.1#
105 194.8 32.5 72.5#



#67
4-Bromophenyl-phenylether
Concen: 4.449 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.247 min
Lab File: BF131366.D
Acq: 23 Nov 2022 17:45

Tgt Ion:248 Resp: 26222
Ion Ratio Lower Upper
248 100
250 199.4 78.3 117.5#
141 520.6 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: BF131366.D

Acq: 23 Nov 2022 17:45

Instrument :

BNA_F

ClientSampleId :

TP-2

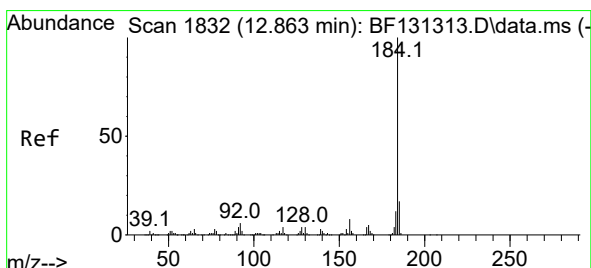
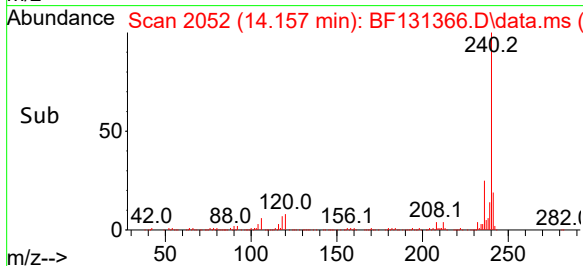
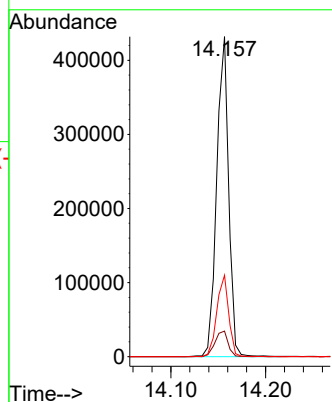
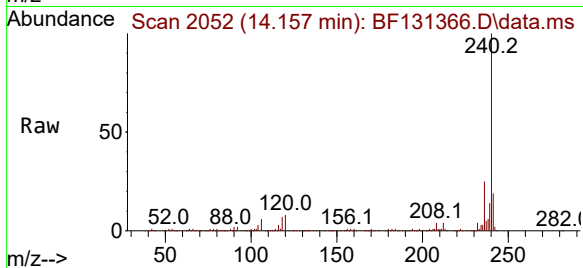
Tgt Ion:240 Resp: 376883

Ion Ratio Lower Upper

240 100

120 8.0 5.8 8.8

236 25.4 20.3 30.5



#77

Benidine

Concen: 3.644 ng

RT: 13.104 min Scan# 1873

Delta R.T. 0.259 min

Lab File: BF131366.D

Acq: 23 Nov 2022 17:45

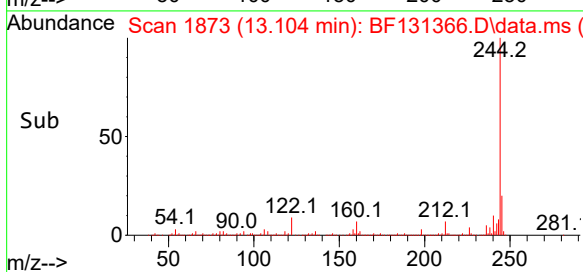
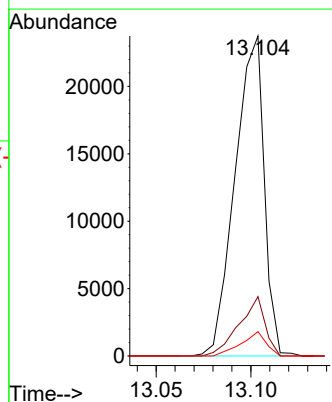
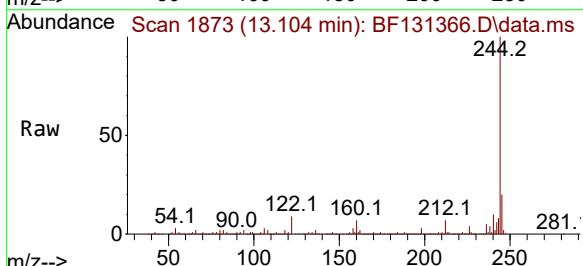
Tgt Ion:184 Resp: 25365

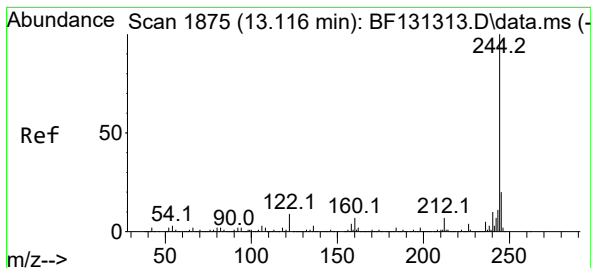
Ion Ratio Lower Upper

184 100

185 18.5 13.8 20.8

183 7.6 9.6 14.4#





#79

Terphenyl-d14

Concen: 81.373 ng

RT: 13.104 min Scan# 1875

Delta R.T. 0.006 min

Lab File: BF131366.D

Acq: 23 Nov 2022 17:45

Instrument :

BNA_F

ClientSampleId :

TP-2

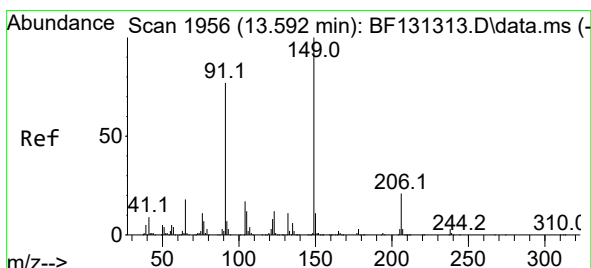
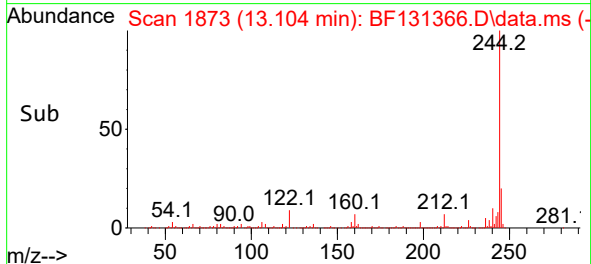
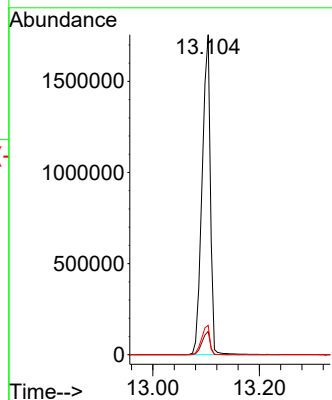
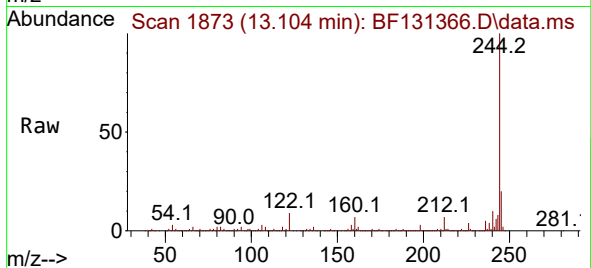
Tgt Ion:244 Resp: 1875427

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

122 9.2 7.5 11.3



#80

Butylbenzylphthalate

Concen: 4.148 ng

RT: 13.774 min Scan# 1987

Delta R.T. 0.200 min

Lab File: BF131366.D

Acq: 23 Nov 2022 17:45

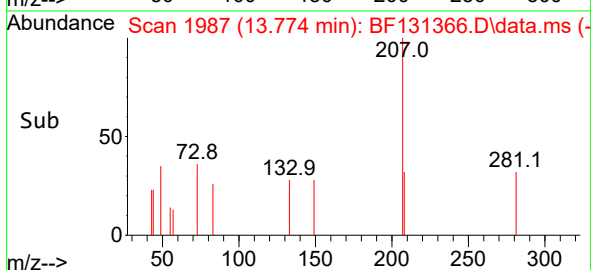
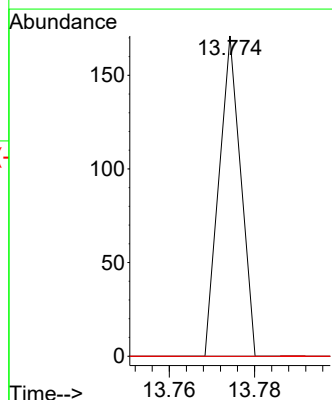
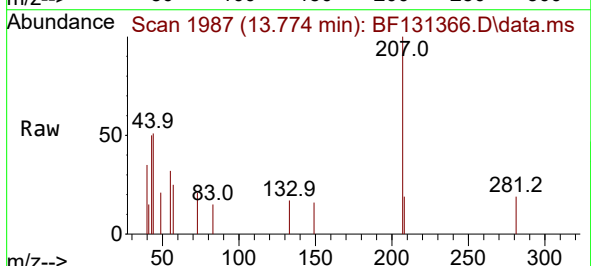
Tgt Ion:149 Resp: 60

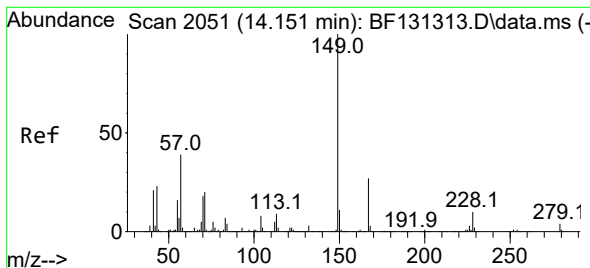
Ion Ratio Lower Upper

149 100

91 0.0 61.9 92.9#

206 0.0 16.5 24.7#

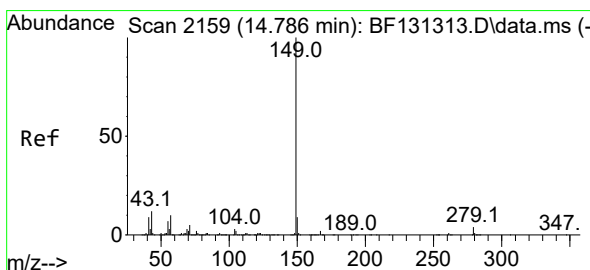
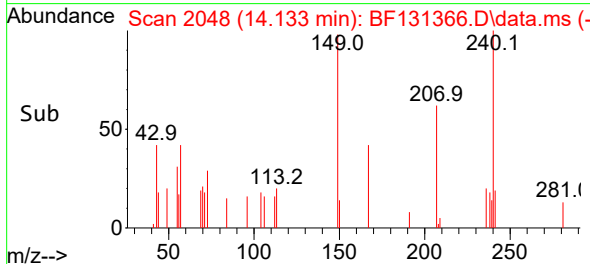
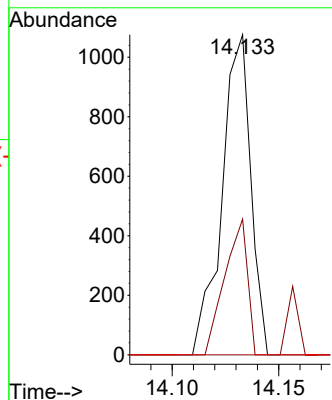
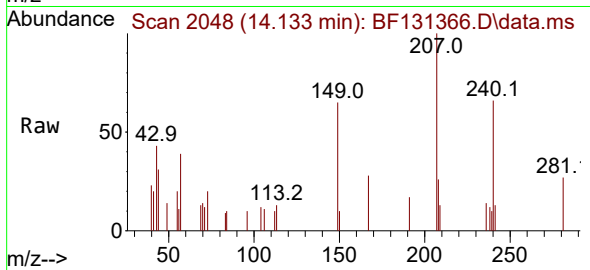




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.812 ng
RT: 14.133 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BF131366.D
Acq: 23 Nov 2022 17:45

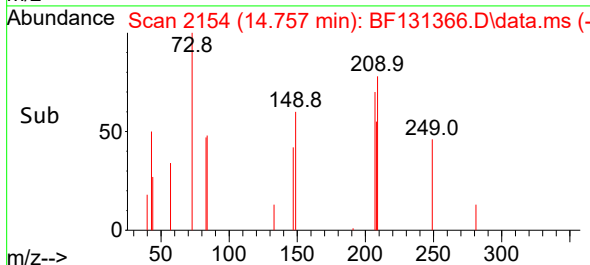
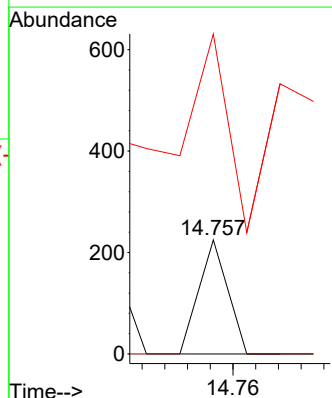
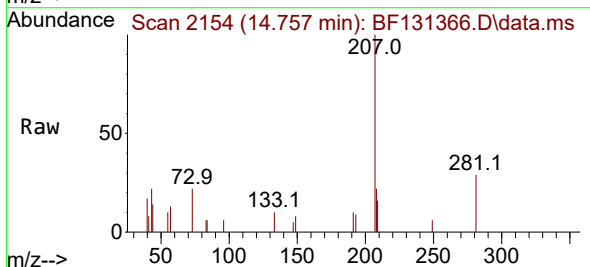
Instrument :
BNA_F
ClientSampleId :
TP-2

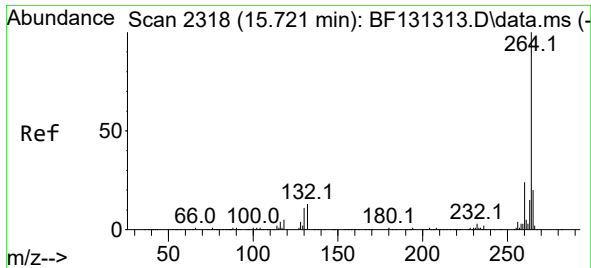
Tgt Ion:149 Resp: 1013
Ion Ratio Lower Upper
149 100
167 42.4 21.9 32.9#
279 0.0 3.0 4.4#



#85
Di-n-octyl phthalate
Concen: 3.906 ng
RT: 14.757 min Scan# 2154
Delta R.T. -0.006 min
Lab File: BF131366.D
Acq: 23 Nov 2022 17:45

Tgt Ion:149 Resp: 79
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 174.7 10.7 16.1#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.692 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF131366.D
Acq: 23 Nov 2022 17:45

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:264 Resp: 334973

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.4
265	21.4	16.4	24.6

