

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
 Data File : BF131463.D
 Acq On : 29 Nov 2022 18:42
 Operator : CG\JU
 Sample : N5795-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-12

Quant Time: Nov 30 01:08:15 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 29 00:18:36 2022
 Response via : Initial Calibration

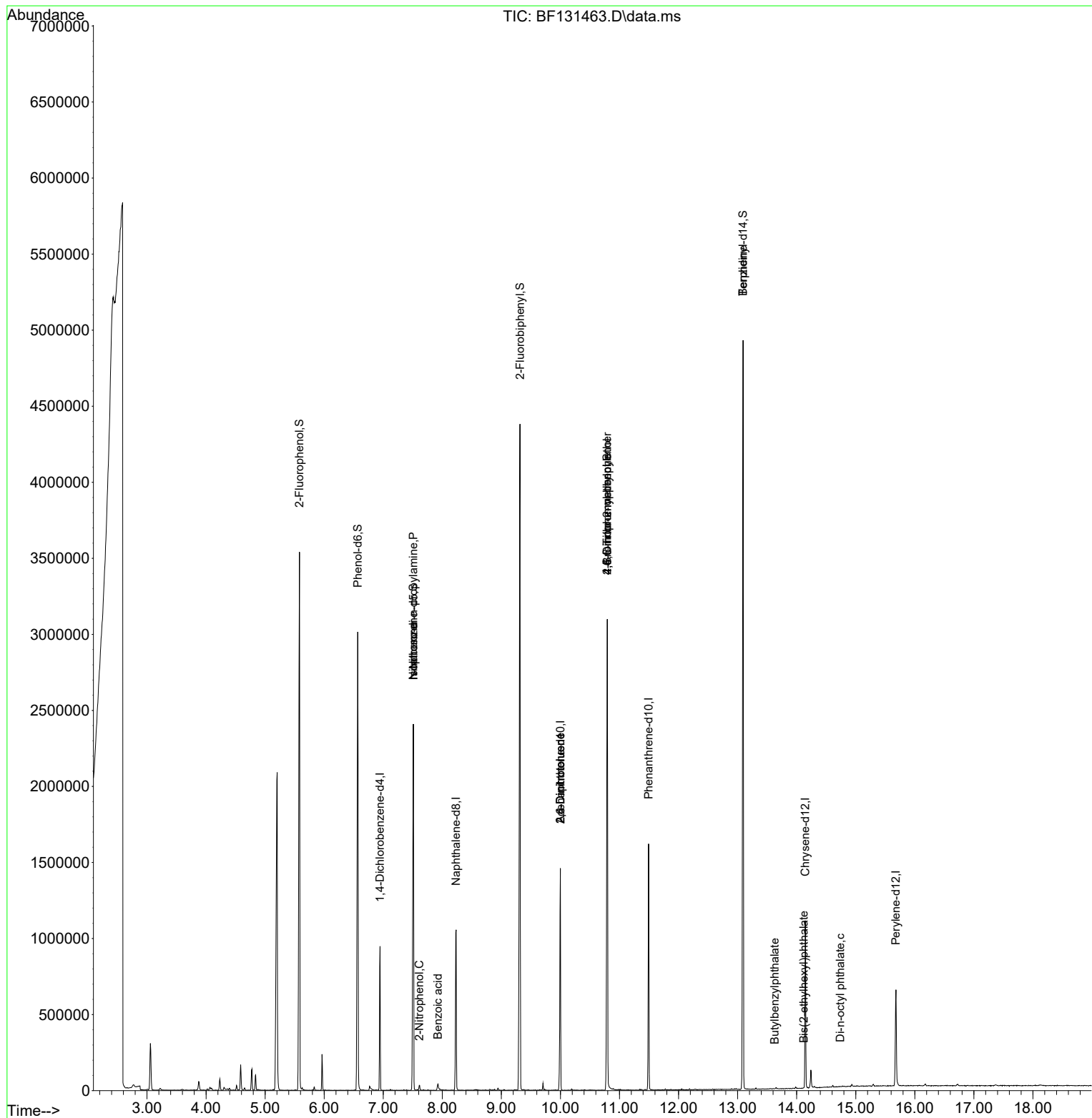
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.945	152	138454	20.000	ng	0.00
21) Naphthalene-d8	8.233	136	530487	20.000	ng	#-0.01
39) Acenaphthene-d10	9.998	164	306507	20.000	ng	-0.01
64) Phenanthrene-d10	11.492	188	566356	20.000	ng	-0.01
76) Chrysene-d12	14.145	240	394474	20.000	ng	#-0.02
86) Perylene-d12	15.680	264	300132	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	1009490	138.766	ng	0.02
7) Phenol-d6	6.569	99	1205747	129.905	ng	0.00
23) Nitrobenzene-d5	7.510	82	884669	84.064	ng	-0.02
42) 2,4,6-Tribromophenol	10.792	330	428054	165.998	ng	-0.01
45) 2-Fluorobiphenyl	9.316	172	1602491	76.061	ng	-0.01
79) Terphenyl-d14	13.092	244	1899062	78.724	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.498	77	74	Below Cal	Qvalue	# 73
19) n-Nitroso-di-n-propyla...	7.510	70	117410	17.280	ng	# 70
25) Isophorone	7.510	82	882194	46.987	ng	# 68
26) 2-Nitrophenol	7.610	139	210	3.641	ng	# 23
32) Benzoic acid	7.928	122	13195	8.486	ng	# 94
51) 2,6-Dinitrotoluene	9.998	165	37945	8.885	ng	# 14
57) 2,4-Dinitrotoluene	9.998	165	37945	7.061	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.792	198	959	5.016	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	27422	3.950	ng	# 1
77) Benzidine	13.092	184	23778	3.263	ng	# 94
80) Butylbenzylphthalate	13.627	149	64	4.149	ng	# 20
84) Bis(2-ethylhexyl)phtha...	14.121	149	1173	3.818	ng	# 86
85) Di-n-octyl phthalate	14.739	149	603	3.933	ng	# 1

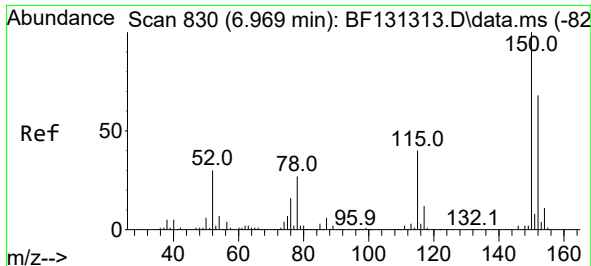
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112922\
Data File : BF131463.D
Acq On : 29 Nov 2022 18:42
Operator : CG\JU
Sample : N5795-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-12

Quant Time: Nov 30 01:08:15 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 29 00:18:36 2022
Response via : Initial Calibration

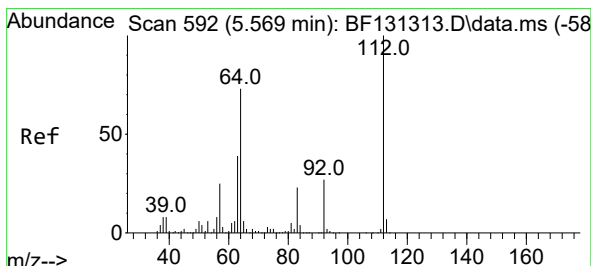
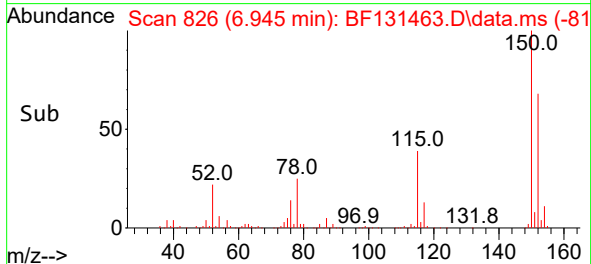
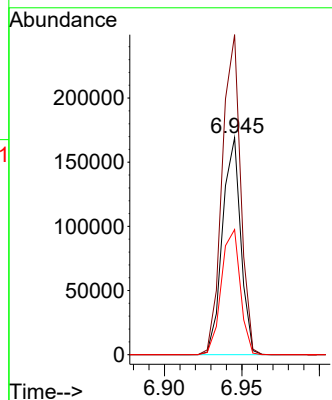
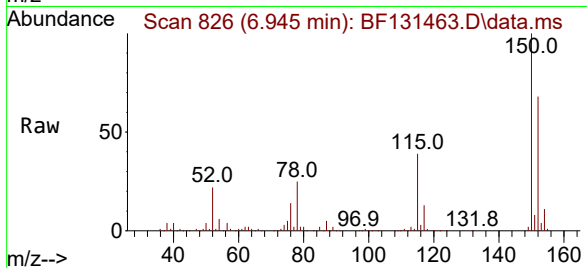




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131463.D
Acq: 29 Nov 2022 18:42

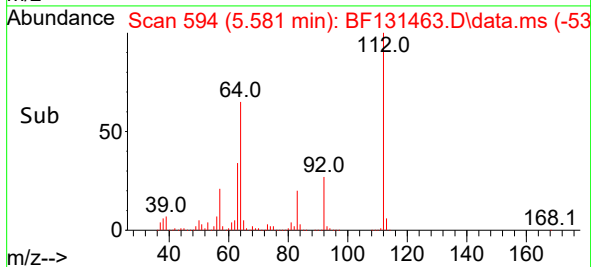
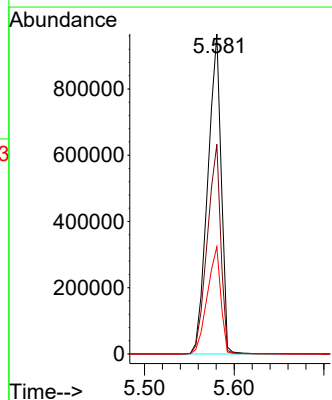
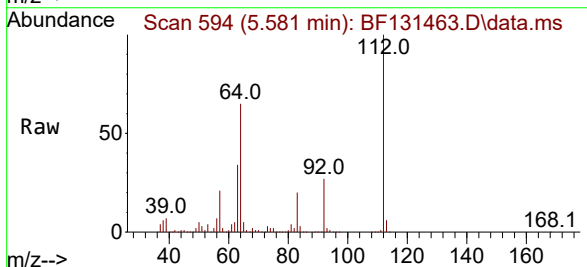
Instrument :
BNA_F
ClientSampleId :
TP-12

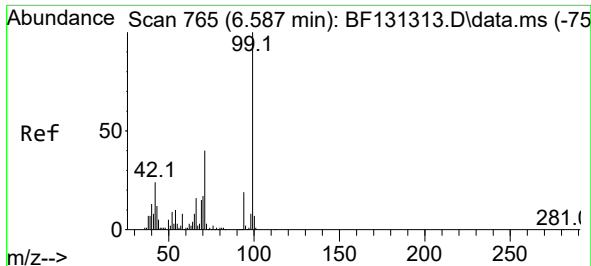
Tgt Ion:152 Resp: 138454
Ion Ratio Lower Upper
152 100
150 147.5 117.8 176.8
115 57.7 47.1 70.7



#5
2-Fluorophenol
Concen: 138.766 ng
RT: 5.581 min Scan# 594
Delta R.T. 0.023 min
Lab File: BF131463.D
Acq: 29 Nov 2022 18:42

Tgt Ion:112 Resp: 1009490
Ion Ratio Lower Upper
112 100
64 65.5 58.6 88.0
63 33.5 31.4 47.0

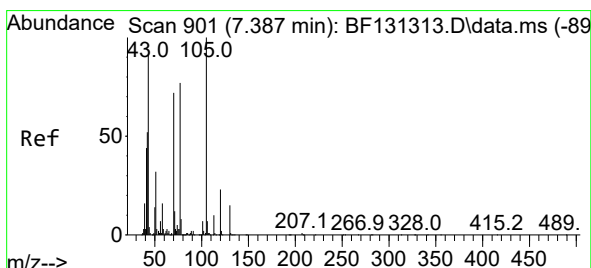
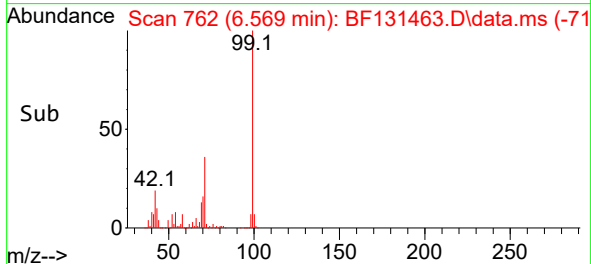
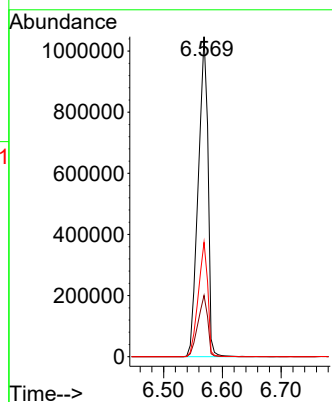
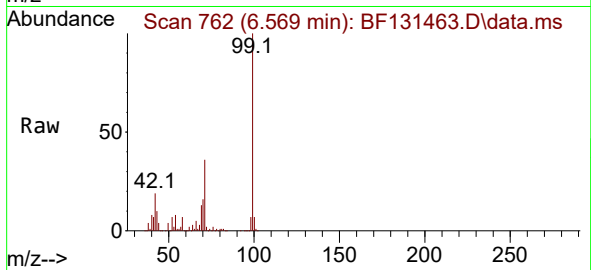




#7
Phenol-d6
Concen: 129.905 ng
RT: 6.569 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131463.D
Acq: 29 Nov 2022 18:42

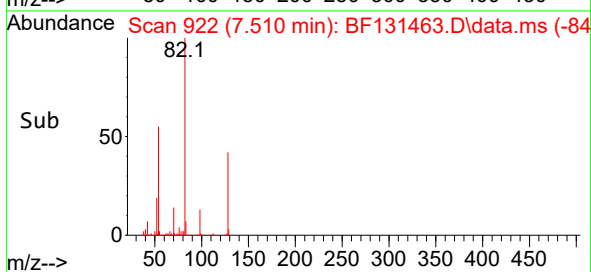
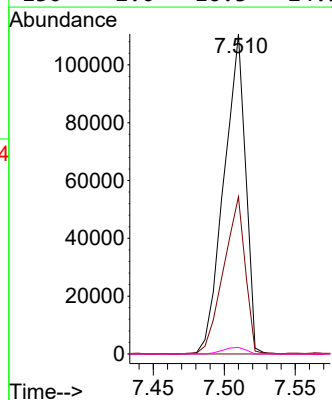
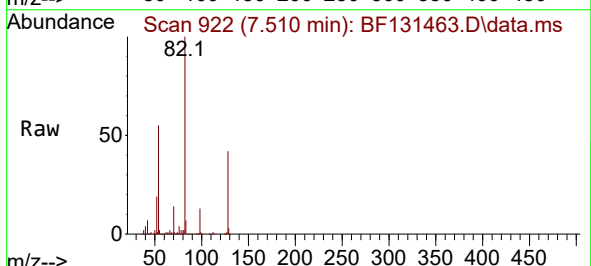
Instrument :
BNA_F
ClientSampleId :
TP-12

Tgt Ion: 99 Resp: 1205747
Ion Ratio Lower Upper
99 100
42 19.2 19.4 29.2#
71 35.8 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.280 ng
RT: 7.510 min Scan# 922
Delta R.T. 0.141 min
Lab File: BF131463.D
Acq: 29 Nov 2022 18:42

Tgt Ion: 70 Resp: 117410
Ion Ratio Lower Upper
70 100
42 49.2 57.6 86.4#
101 0.0 8.2 12.2#
130 2.0 16.3 24.5#

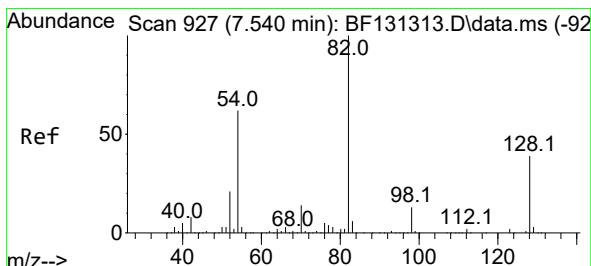
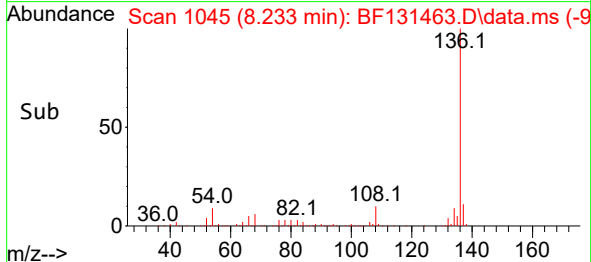
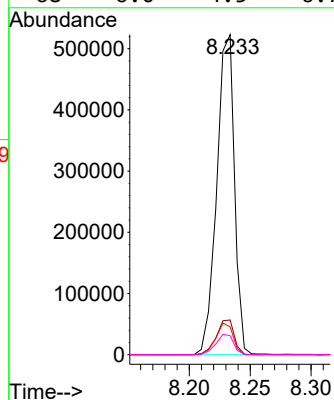
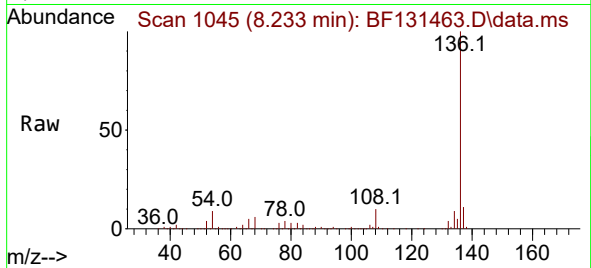




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.233 min Scan# 1045
Delta R.T. -0.012 min
Lab File: BF131463.D
Acq: 29 Nov 2022 18:42

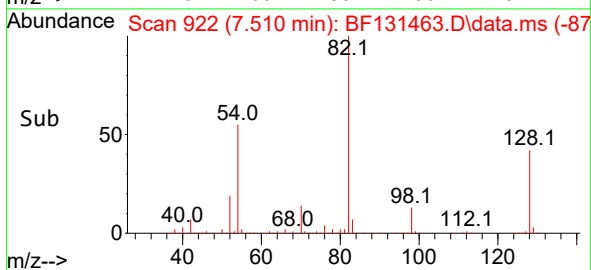
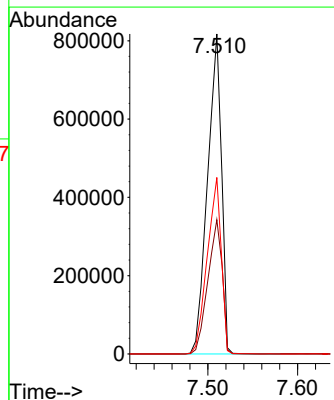
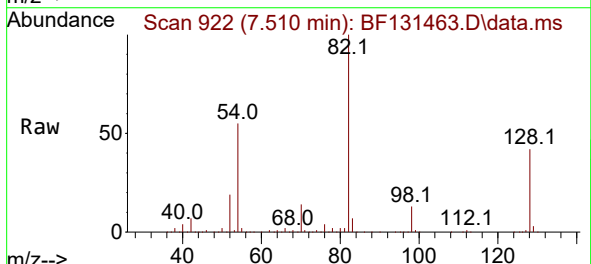
Instrument :
BNA_F
ClientSampleId :
TP-12

Tgt Ion:136 Resp: 530487
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 8.7 9.4 14.0#
68 6.0 4.5 6.7



#23
Nitrobenzene-d5
Concen: 84.064 ng
RT: 7.510 min Scan# 922
Delta R.T. -0.018 min
Lab File: BF131463.D
Acq: 29 Nov 2022 18:42

Tgt Ion: 82 Resp: 884669
Ion Ratio Lower Upper
82 100
128 42.0 31.4 47.0
54 55.2 49.8 74.6

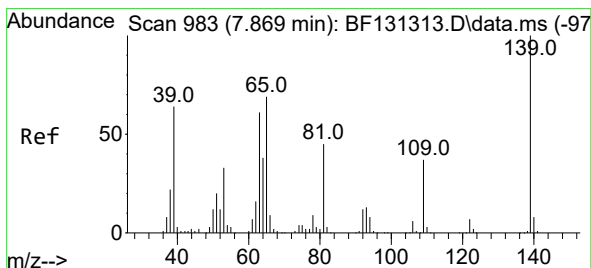
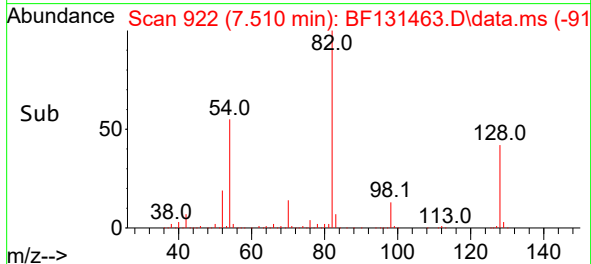
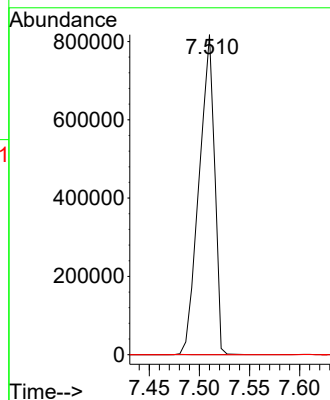
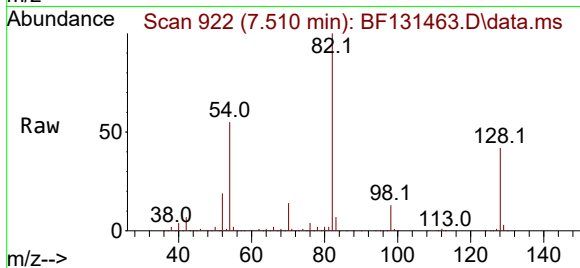




#25
Isophorone
Concen: 46.987 ng
RT: 7.510 min Scan# 910
Delta R.T. -0.271 min
Lab File: BF131463.D
Acq: 29 Nov 2022 18:42

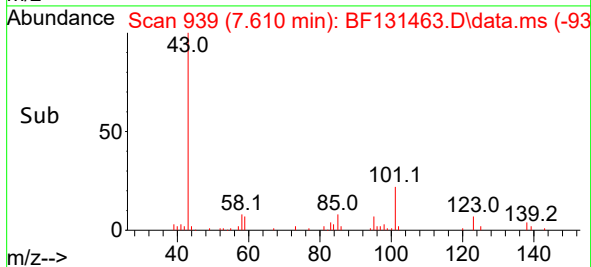
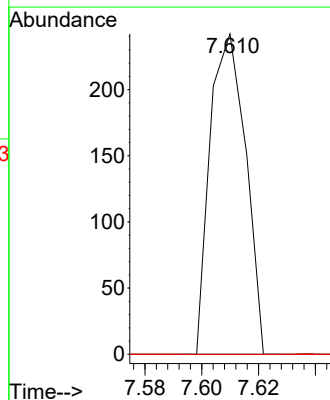
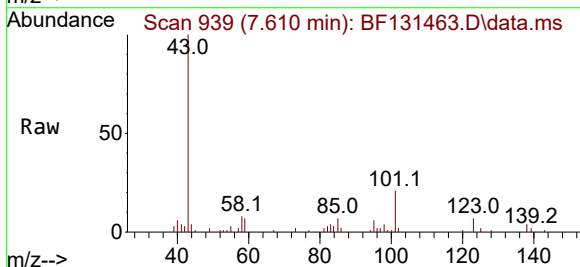
Instrument :
BNA_F
ClientSampleId :
TP-12

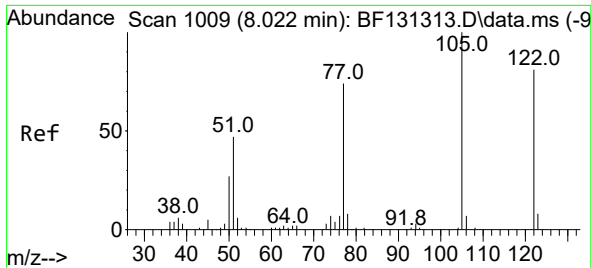
Tgt Ion: 82 Resp: 882194
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.2#
138 0.0 12.7 19.1#



#26
2-Nitrophenol
Concen: 3.641 ng
RT: 7.610 min Scan# 939
Delta R.T. -0.247 min
Lab File: BF131463.D
Acq: 29 Nov 2022 18:42

Tgt Ion:139 Resp: 210
Ion Ratio Lower Upper
139 100
109 0.0 29.9 44.9#
65 0.0 55.7 83.5#

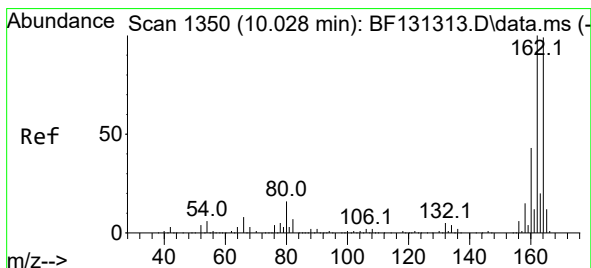
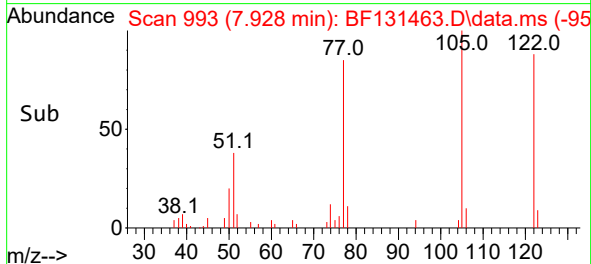
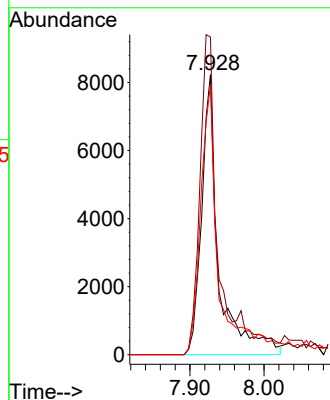
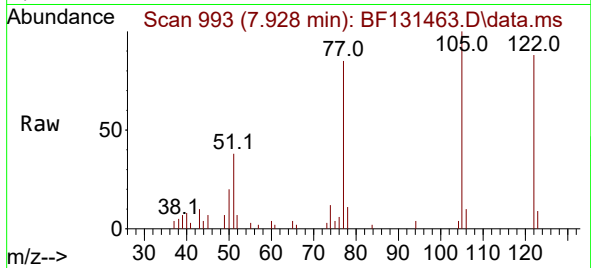




#32
Benzoic acid
Concen: 8.486 ng
RT: 7.928 min Scan# 993
Delta R.T. -0.077 min
Lab File: BF131463.D
Acq: 29 Nov 2022 18:42

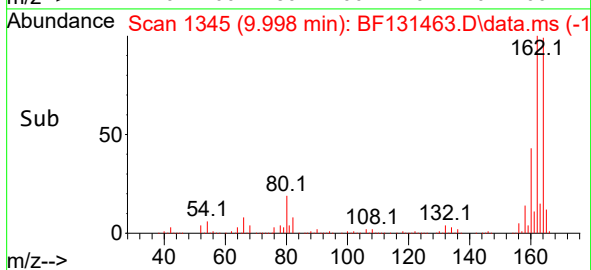
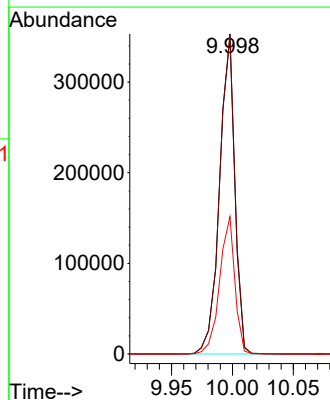
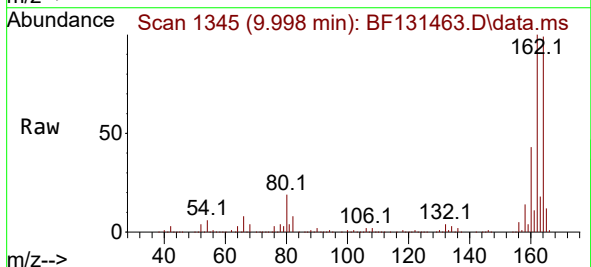
Instrument :
BNA_F
ClientSampleId :
TP-12

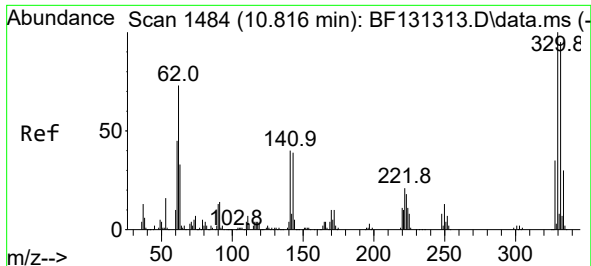
Tgt Ion:	122	Resp:	13195
Ion	Ratio	Lower	Upper
122	100		
105	113.5	103.8	143.8
77	96.2	74.3	114.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BF131463.D
Acq: 29 Nov 2022 18:42

Tgt Ion:	164	Resp:	306507
Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.6	120.8
160	43.3	34.4	51.6





#42

2,4,6-Tribromophenol

Concen: 165.998 ng

RT: 10.792 min Scan# 1480

Delta R.T. -0.012 min

Lab File: BF131463.D

Acq: 29 Nov 2022 18:42

Instrument :

BNA_F

ClientSampleId :

TP-12

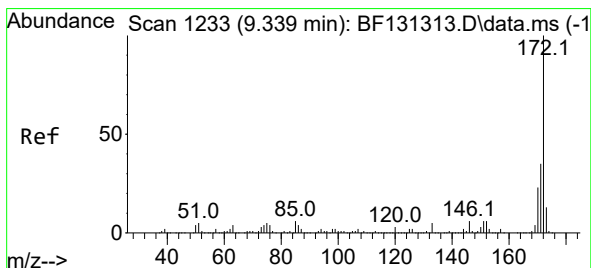
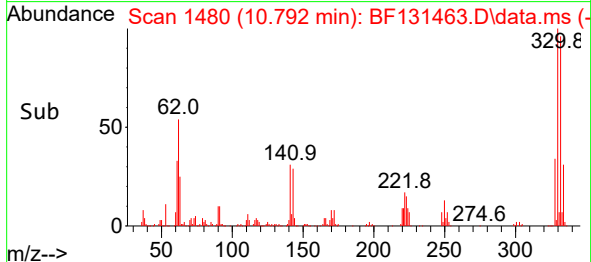
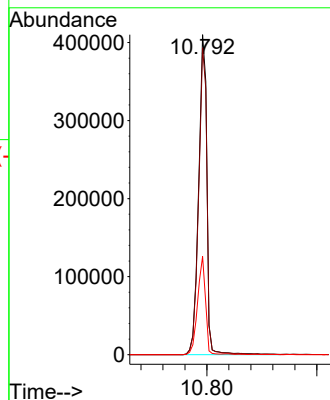
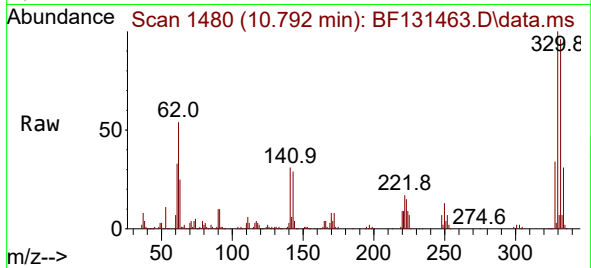
Tgt Ion:330 Resp: 428054

Ion Ratio Lower Upper

330 100

332 95.9 77.5 116.3

141 29.3 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 76.061 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.012 min

Lab File: BF131463.D

Acq: 29 Nov 2022 18:42

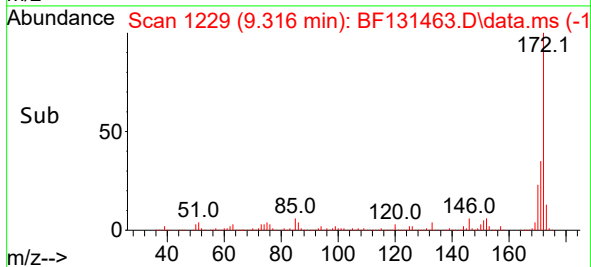
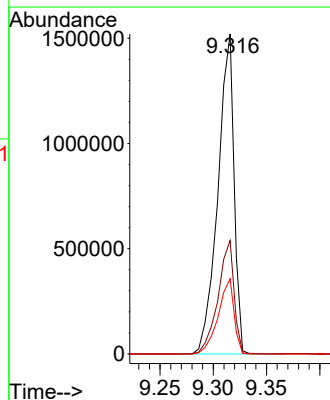
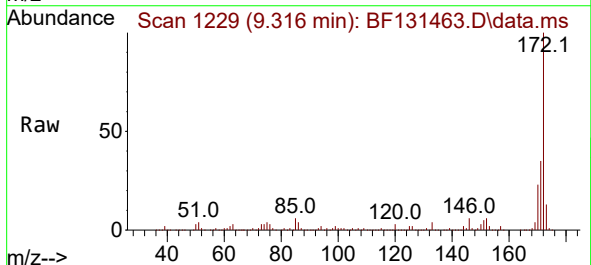
Tgt Ion:172 Resp: 1602491

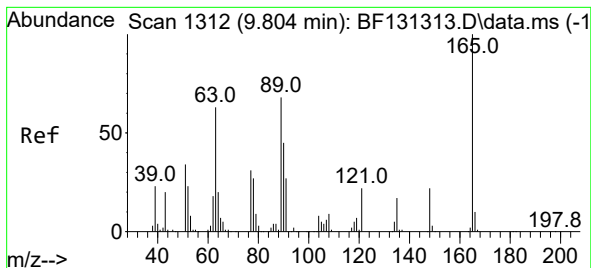
Ion Ratio Lower Upper

172 100

171 35.5 28.2 42.2

170 23.5 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 8.885 ng

RT: 9.998 min Scan# 1345

Delta R.T. 0.206 min

Lab File: BF131463.D

Acq: 29 Nov 2022 18:42

Instrument :

BNA_F

ClientSampleId :

TP-12

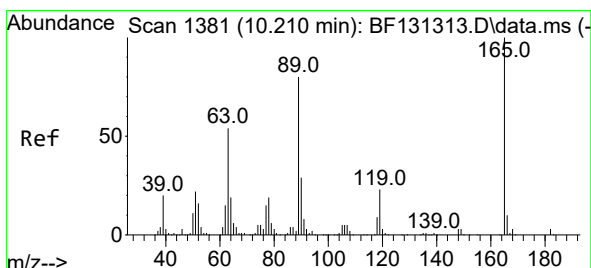
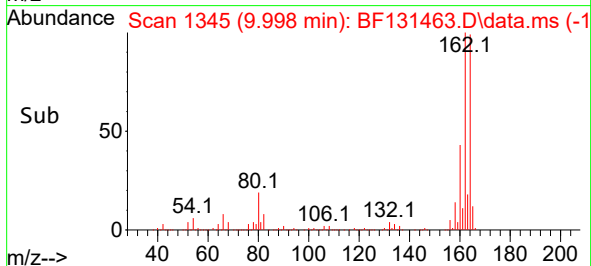
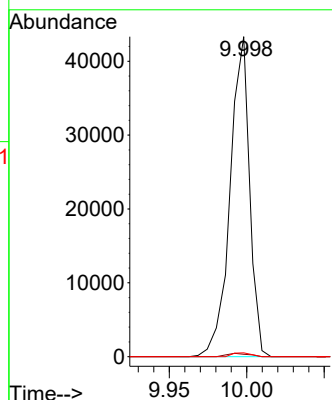
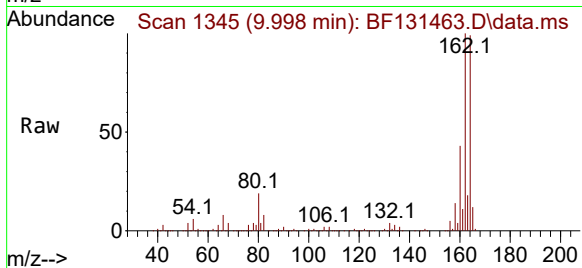
Tgt Ion:165 Resp: 37945

Ion Ratio Lower Upper

165 100

63 0.8 62.0 93.0#

89 1.2 54.4 81.6#



#57

2,4-Dinitrotoluene

Concen: 7.061 ng

RT: 9.998 min Scan# 1345

Delta R.T. -0.200 min

Lab File: BF131463.D

Acq: 29 Nov 2022 18:42

Tgt Ion:165 Resp: 37945

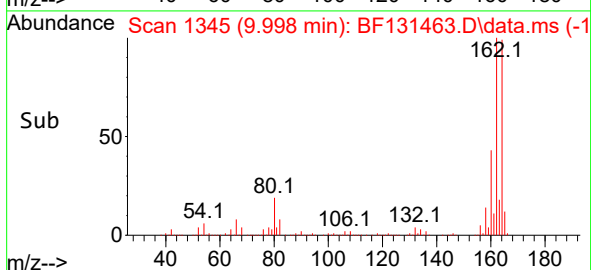
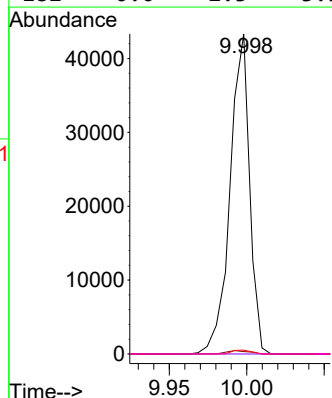
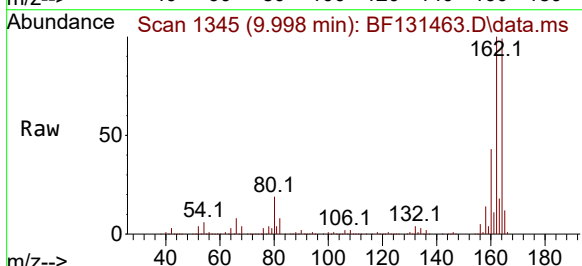
Ion Ratio Lower Upper

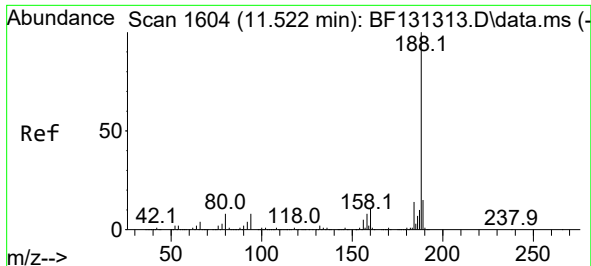
165 100

63 0.8 43.4 65.2#

89 1.2 64.0 96.0#

182 0.0 2.3 3.5#

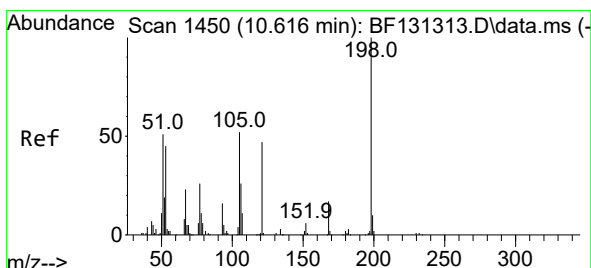
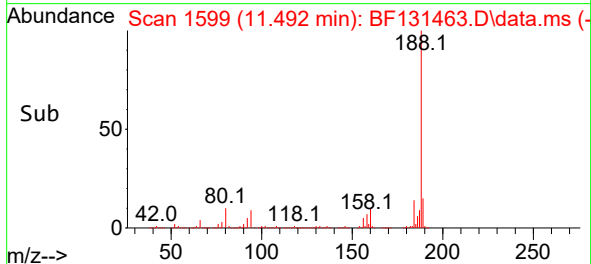
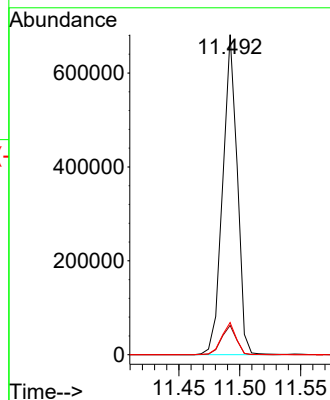
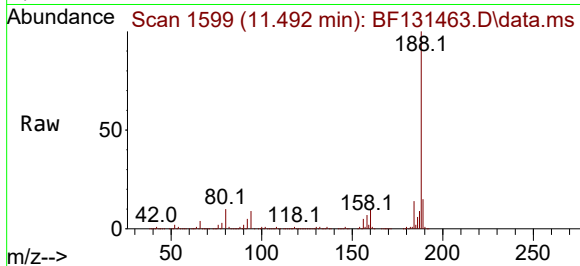




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131463.D
Acq: 29 Nov 2022 18:42

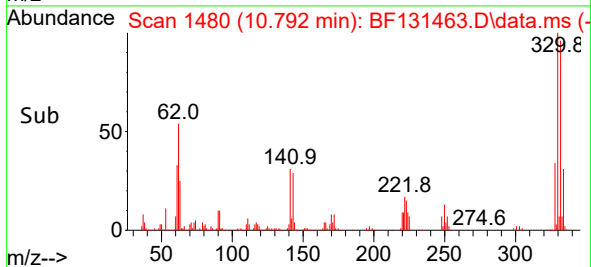
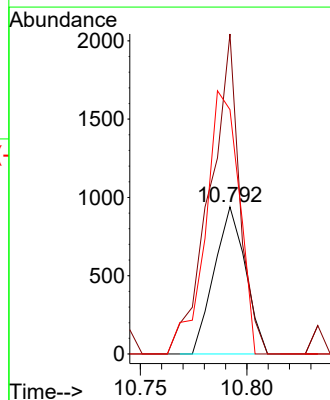
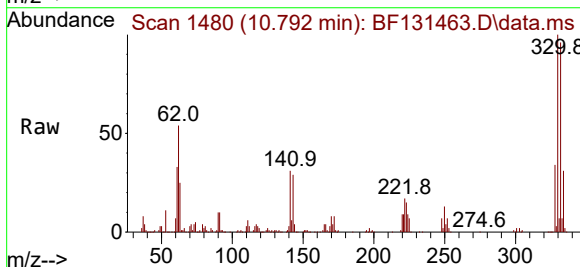
Instrument :
BNA_F
ClientSampleId :
TP-12

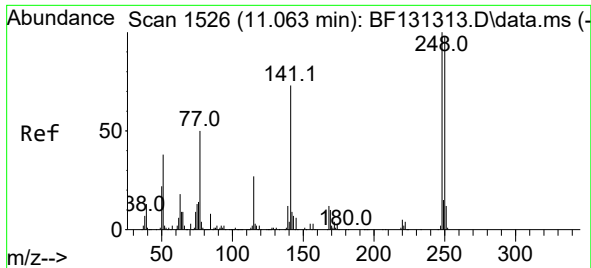
Tgt Ion:188 Resp: 566356
Ion Ratio Lower Upper
188 100
94 9.1 6.3 9.5
80 10.1 6.8 10.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.016 ng
RT: 10.792 min Scan# 1480
Delta R.T. 0.188 min
Lab File: BF131463.D
Acq: 29 Nov 2022 18:42

Tgt Ion:198 Resp: 959
Ion Ratio Lower Upper
198 100
51 217.7 50.1 90.1#
105 166.2 32.5 72.5#

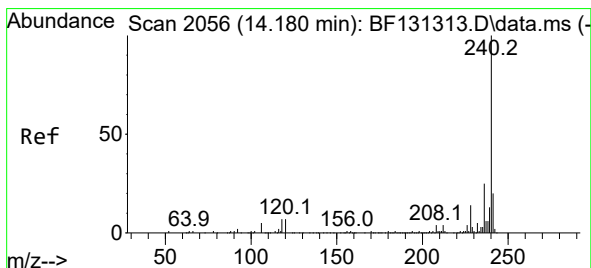
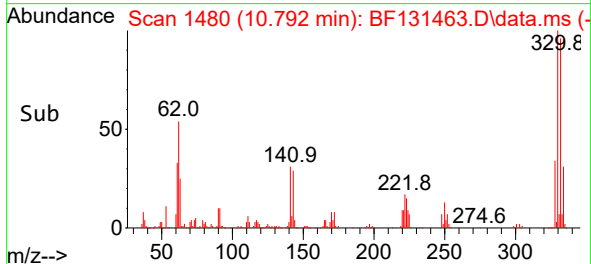
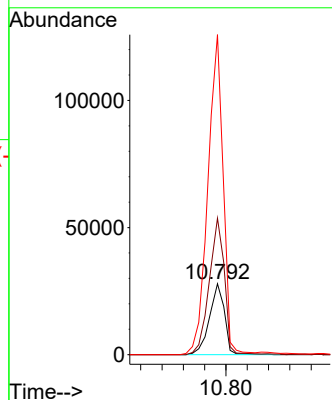
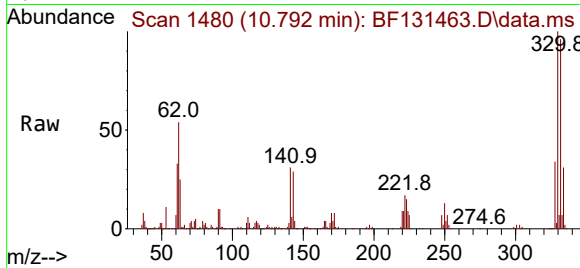




#67
4-Bromophenyl-phenylether
Concen: 3.950 ng
RT: 10.792 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF131463.D
Acq: 29 Nov 2022 18:42

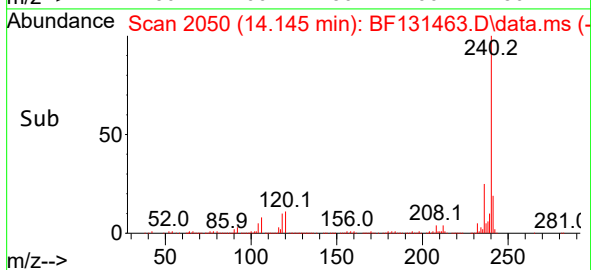
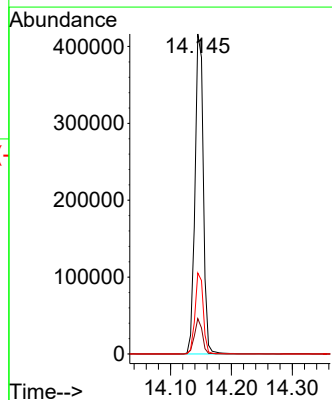
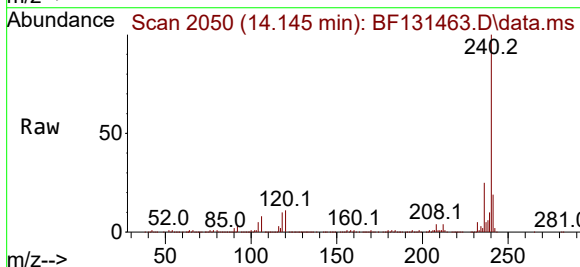
Instrument :
BNA_F
ClientSampleId :
TP-12

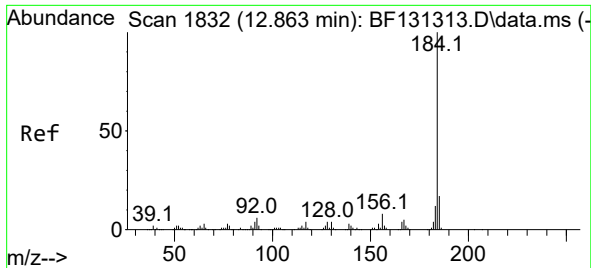
Tgt Ion:248 Resp: 27422
Ion Ratio Lower Upper
248 100
250 192.7 78.3 117.5#
141 451.9 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.024 min
Lab File: BF131463.D
Acq: 29 Nov 2022 18:42

Tgt Ion:240 Resp: 394474
Ion Ratio Lower Upper
240 100
120 11.1 5.8 8.8#
236 25.3 20.3 30.5

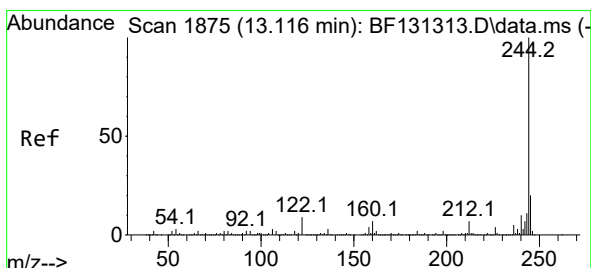
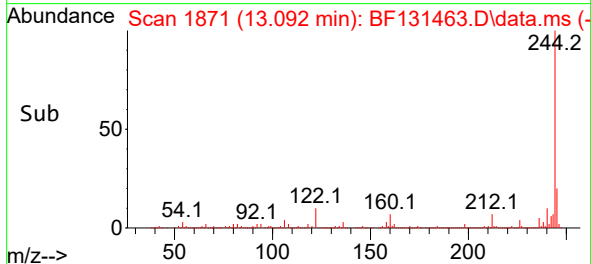
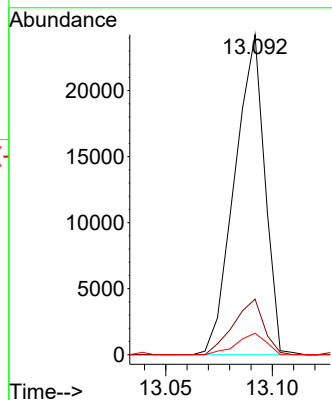
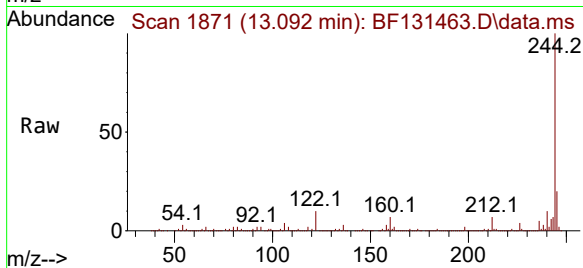




#77
Benzidine
Concen: 3.263 ng
RT: 13.092 min Scan# 1871
Delta R.T. 0.241 min
Lab File: BF131463.D
Acq: 29 Nov 2022 18:42

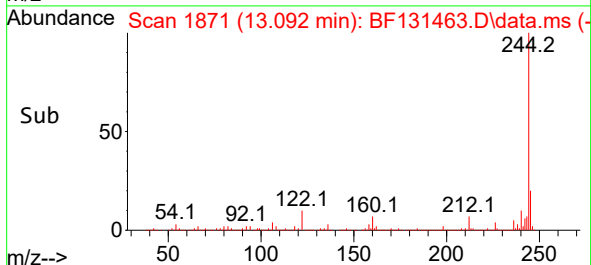
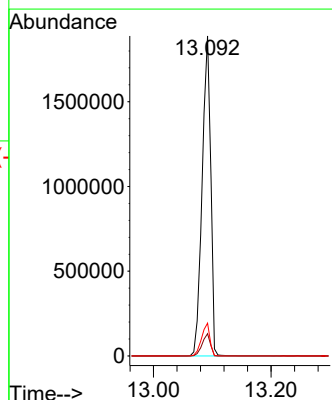
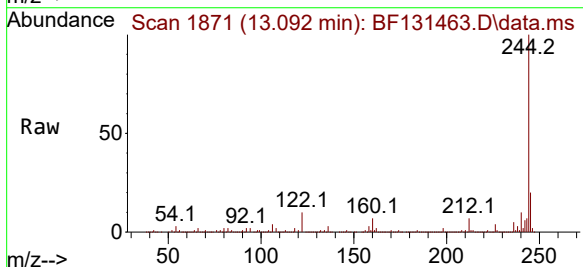
Instrument :
BNA_F
ClientSampleId :
TP-12

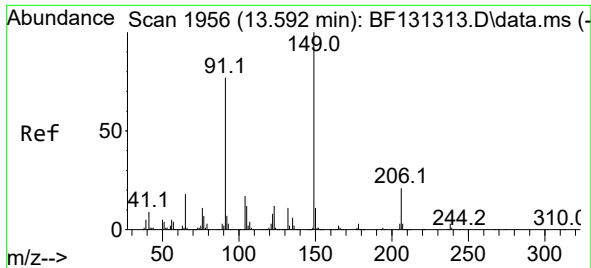
Tgt Ion:184 Resp: 23778
Ion Ratio Lower Upper
184 100
185 17.3 13.8 20.8
183 6.7 9.6 14.4#



#79
Terphenyl-d14
Concen: 78.724 ng
RT: 13.092 min Scan# 1871
Delta R.T. -0.012 min
Lab File: BF131463.D
Acq: 29 Nov 2022 18:42

Tgt Ion:244 Resp: 1899062
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 10.2 7.5 11.3

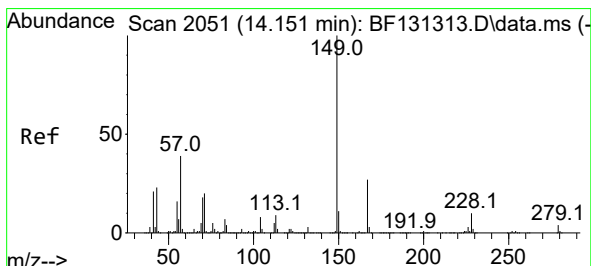
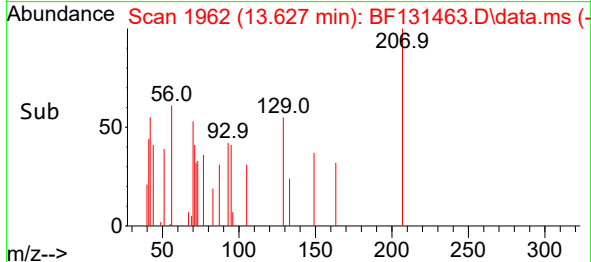
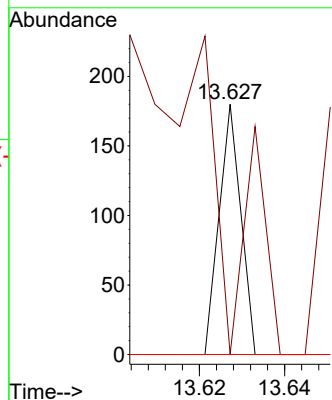
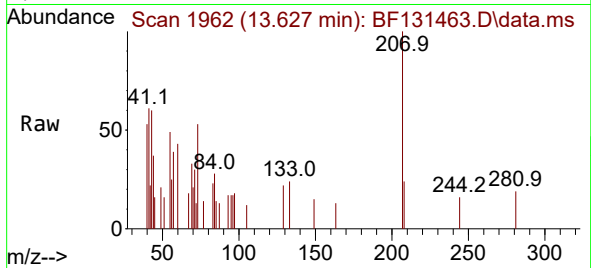




#80
 Butylbenzylphthalate
 Concen: 4.149 ng
 RT: 13.627 min Scan# 1956
 Delta R.T. 0.047 min
 Lab File: BF131463.D
 Acq: 29 Nov 2022 18:42

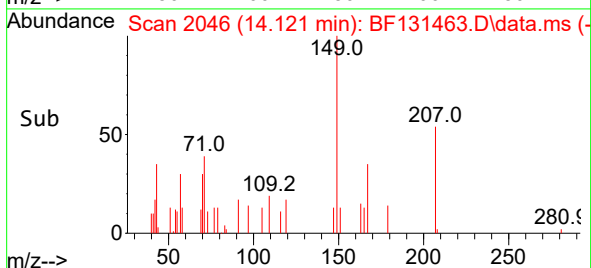
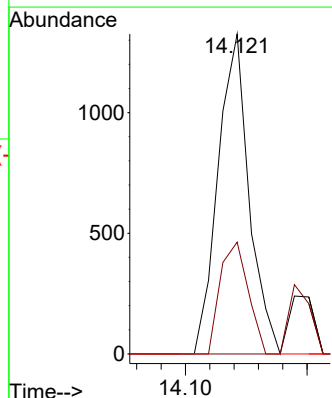
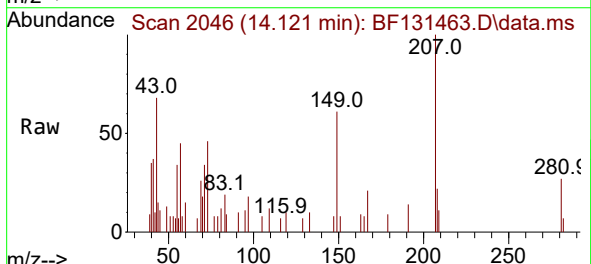
Instrument :
 BNA_F
 ClientSampleId :
 TP-12

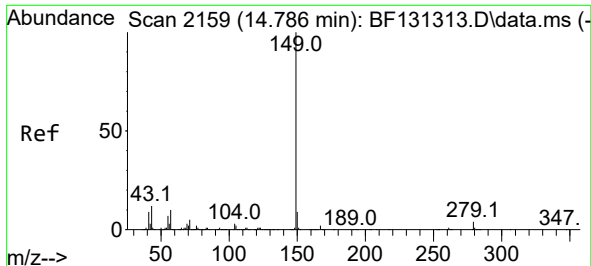
Tgt Ion:	149	Resp:	64
Ion	Ratio	Lower	Upper
149	100		
91	0.0	61.9	92.9#
206	0.0	16.5	24.7#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.818 ng
 RT: 14.121 min Scan# 2046
 Delta R.T. -0.018 min
 Lab File: BF131463.D
 Acq: 29 Nov 2022 18:42

Tgt Ion:	149	Resp:	1173
Ion	Ratio	Lower	Upper
149	100		
167	34.9	21.9	32.9#
279	0.0	3.0	4.4#

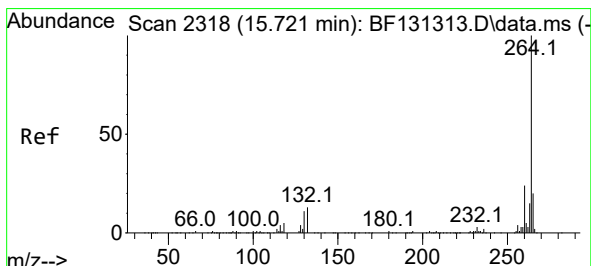
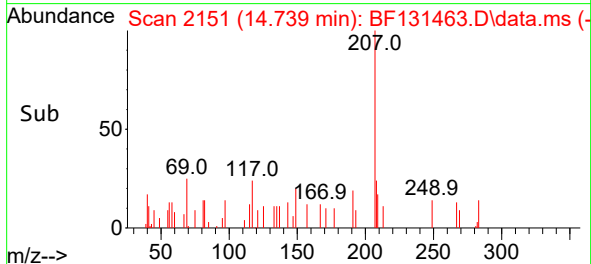
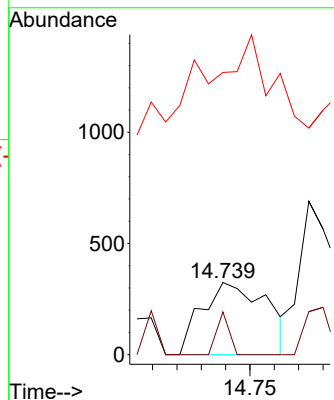
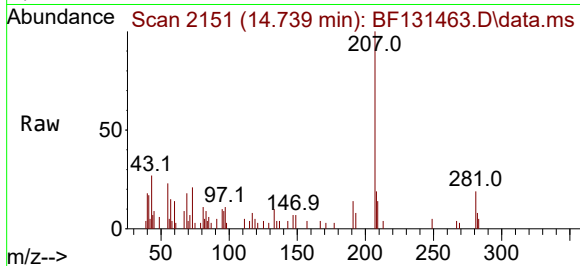




#85
Di-n-octyl phthalate
Concen: 3.933 ng
RT: 14.739 min Scan# 2151
Delta R.T. -0.024 min
Lab File: BF131463.D
Acq: 29 Nov 2022 18:42

Instrument :
BNA_F
ClientSampleId :
TP-12

Tgt Ion:149 Resp: 603
Ion Ratio Lower Upper
149 100
167 11.3 1.2 1.8#
43 115.6 10.7 16.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.680 min Scan# 2311
Delta R.T. -0.018 min
Lab File: BF131463.D
Acq: 29 Nov 2022 18:42

Tgt Ion:264 Resp: 300132
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 21.1 16.4 24.6

