

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011623\
 Data File : BF132089.D
 Acq On : 17 Jan 2023 01:51
 Operator : CG\JU
 Sample : PB150055BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150055BL

Quant Time: Jan 17 06:53:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 01:48:42 2023
 Response via : Initial Calibration

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

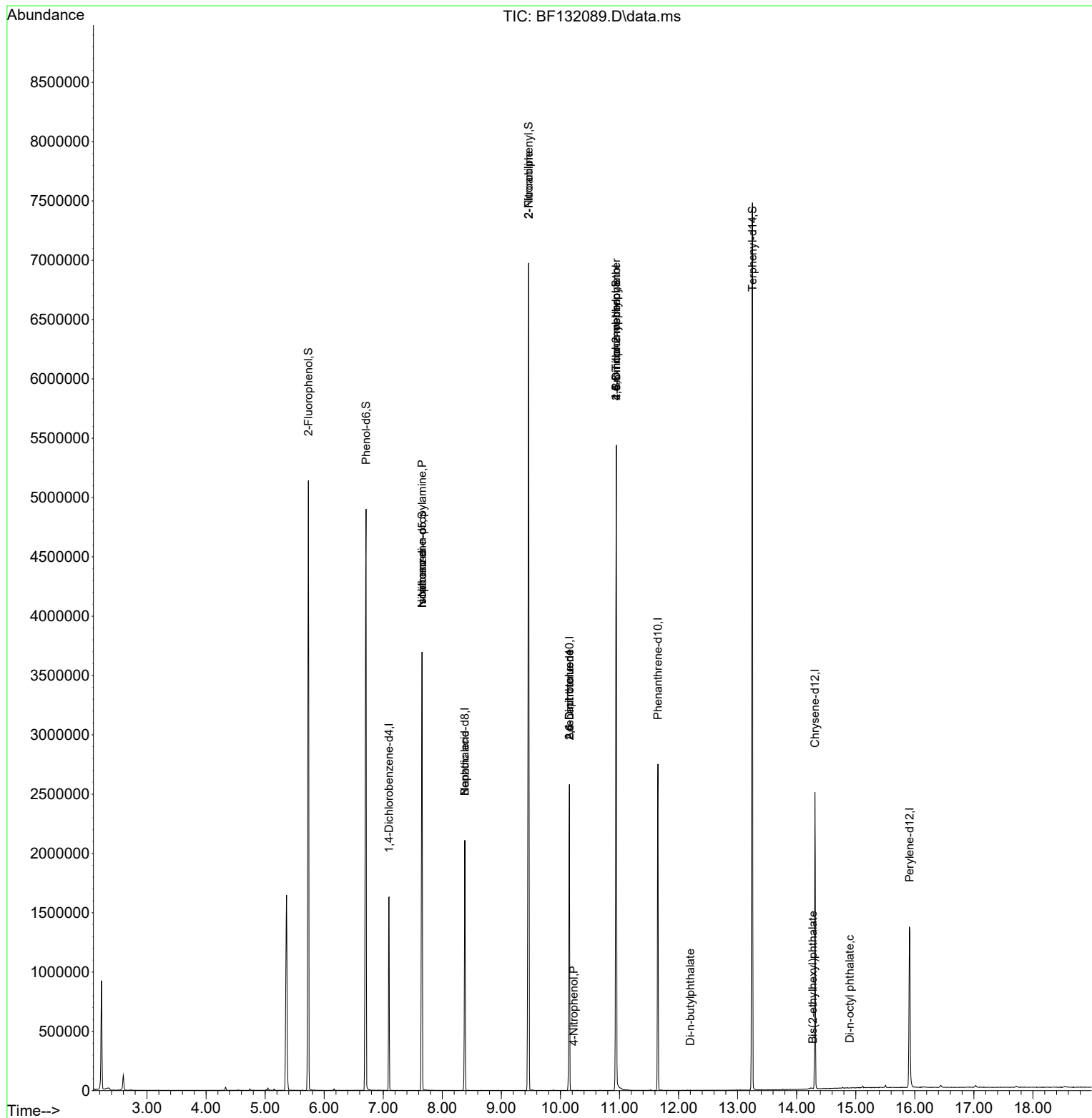
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.098	152	263650	20.000	ng	0.00
21) Naphthalene-d8	8.380	136	980787	20.000	ng	0.00
39) Acenaphthene-d10	10.151	164	535630	20.000	ng	0.00
64) Phenanthrene-d10	11.651	188	1041105	20.000	ng	0.00
76) Chrysene-d12	14.309	240	829051	20.000	ng	0.00
86) Perylene-d12	15.909	264	715026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	1666877	113.543	ng	0.02
7) Phenol-d6	6.710	99	2076963	113.451	ng	0.00
23) Nitrobenzene-d5	7.657	82	1397530	97.530	ng	0.00
42) 2,4,6-Tribromophenol	10.945	330	703413	137.468	ng	0.00
45) 2-Fluorobiphenyl	9.463	172	2534293	73.541	ng	0.00
79) Terphenyl-d14	13.251	244	3053147	69.975	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.657	70	185248	18.084	ng	# 78
25) Isophorone	7.657	82	1397717	41.545	ng	# 67
32) Benzoic acid	8.380	122	172	4.798	ng	# 1
48) 2-Nitroaniline	9.463	65	4317	7.857	ng	# 1
51) 2,6-Dinitrotoluene	10.151	165	69673	13.786	ng	# 21
56) 4-Nitrophenol	10.227	139	85	5.347	ng	# 6
57) 2,4-Dinitrotoluene	10.151	165	69673	12.934	ng	# 25
65) 4,6-Dinitro-2-methylph...	10.945	198	1987	6.606	ng	# 1
67) 4-Bromophenyl-phenylether	10.945	248	44202	3.899	ng	# 1
74) Di-n-butylphthalate	12.198	149	1484	5.713	ng	# 80
80) Butylbenzylphthalate	13.909	149	56	Below Cal		# 22
84) Bis(2-ethylhexyl)phtha...	14.274	149	238	6.740	ng	# 37
85) Di-n-octyl phthalate	14.898	149	63	8.909	ng	# 1

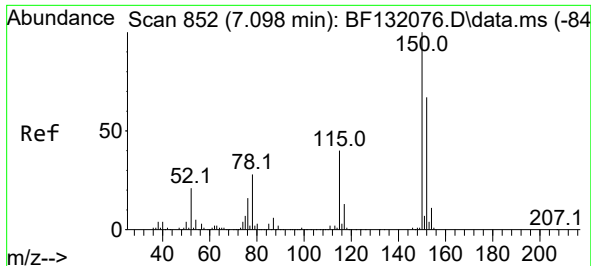
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011623\
Data File : BF132089.D
Acq On : 17 Jan 2023 01:51
Operator : CG\JU
Sample : PB150055BL
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB150055BL

Quant Time: Jan 17 06:53:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 01:48:42 2023
Response via : Initial Calibration

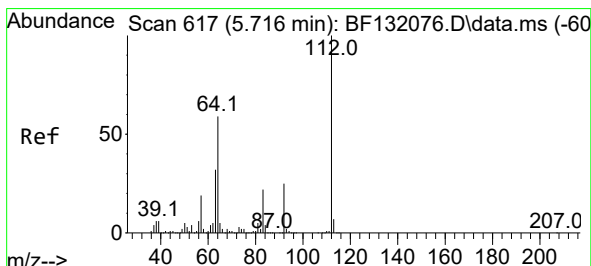
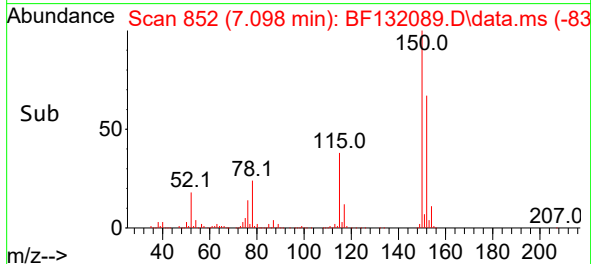
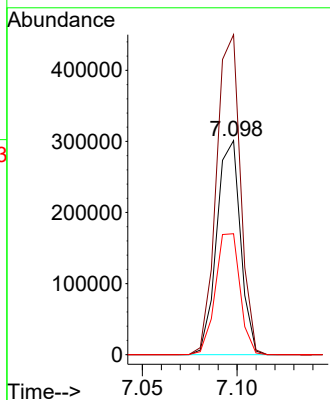
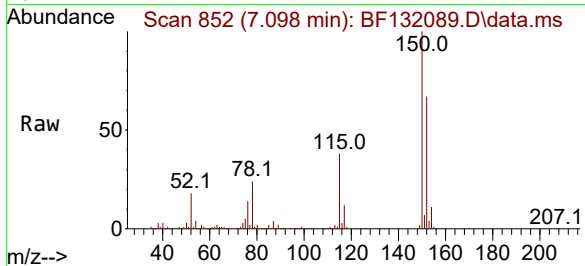




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132089.D
Acq: 17 Jan 2023 01:51

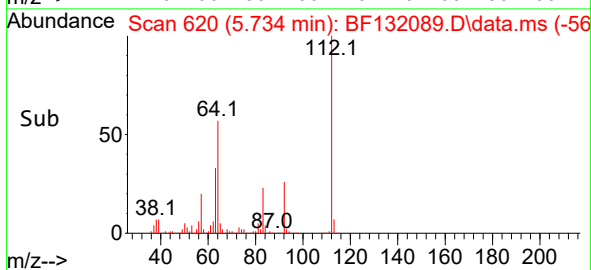
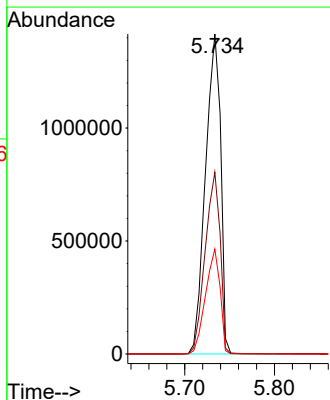
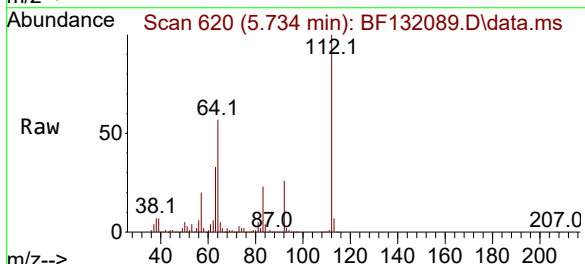
Instrument :
BNA_F
ClientSampleId :
PB150055BL

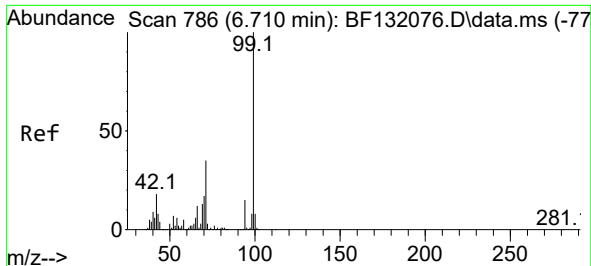
Tgt Ion:152 Resp: 263650
Ion Ratio Lower Upper
152 100
150 149.4 118.6 178.0
115 56.5 47.0 70.6



#5
2-Fluorophenol
Concen: 113.543 ng
RT: 5.734 min Scan# 620
Delta R.T. 0.017 min
Lab File: BF132089.D
Acq: 17 Jan 2023 01:51

Tgt Ion:112 Resp: 1666877
Ion Ratio Lower Upper
112 100
64 56.8 46.9 70.3
63 32.8 25.6 38.4

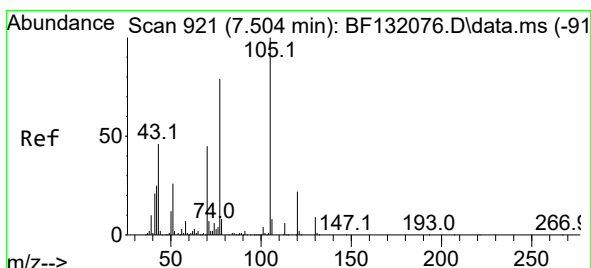
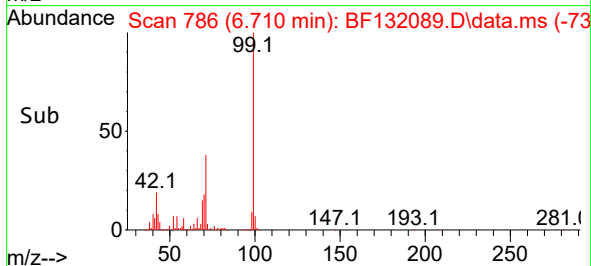
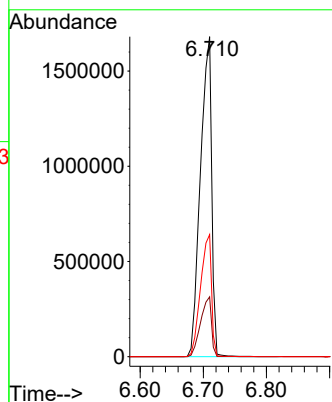
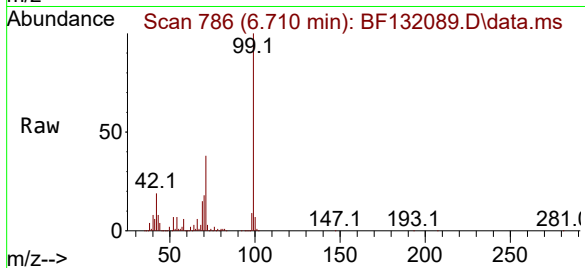




#7
Phenol-d6
Concen: 113.451 ng
RT: 6.710 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132089.D
Acq: 17 Jan 2023 01:51

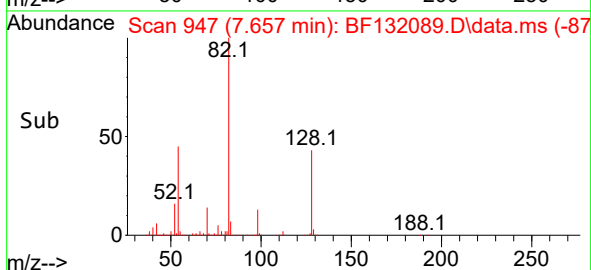
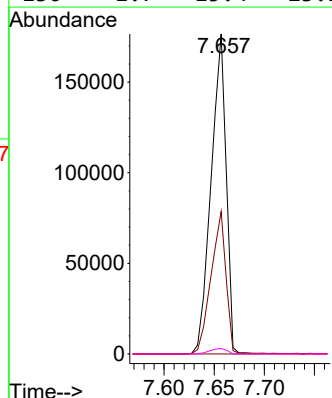
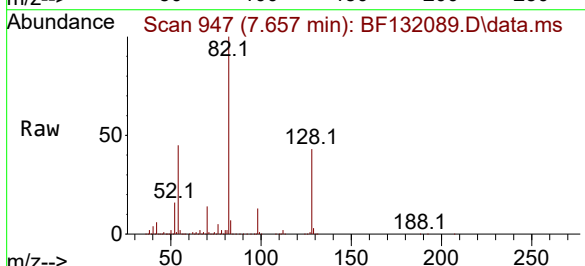
Instrument :
BNA_F
ClientSampleId :
PB150055BL

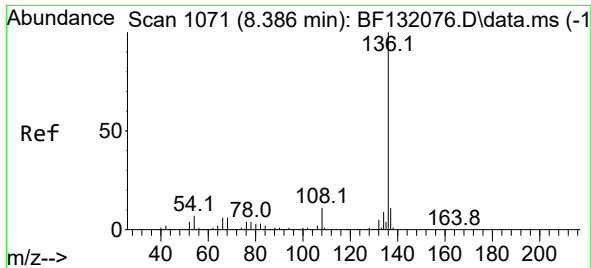
Tgt Ion: 99 Resp: 2076963
Ion Ratio Lower Upper
99 100
42 18.7 14.0 21.0
71 38.2 28.2 42.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.084 ng
RT: 7.657 min Scan# 947
Delta R.T. 0.153 min
Lab File: BF132089.D
Acq: 17 Jan 2023 01:51

Tgt Ion: 70 Resp: 185248
Ion Ratio Lower Upper
70 100
42 44.5 44.2 66.4
101 0.0 7.4 11.0#
130 1.7 15.4 23.2#

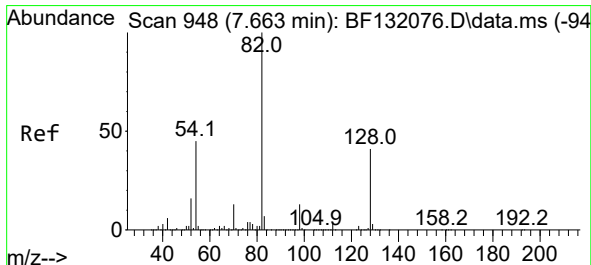
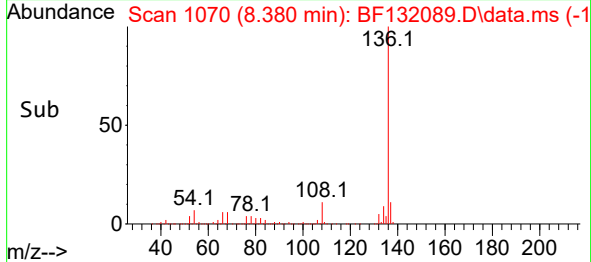
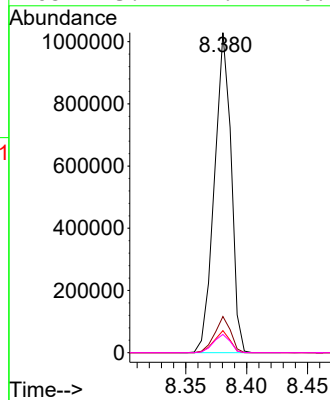
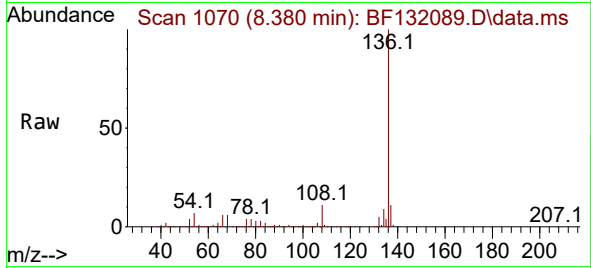




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.380 min Scan# 1071
Delta R.T. -0.006 min
Lab File: BF132089.D
Acq: 17 Jan 2023 01:51

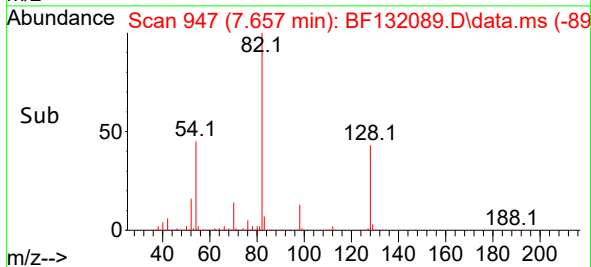
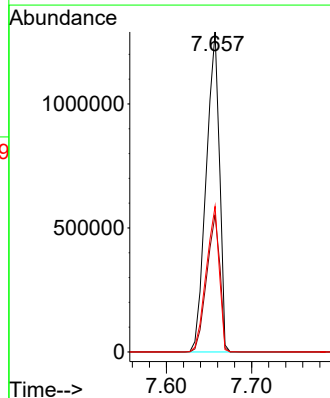
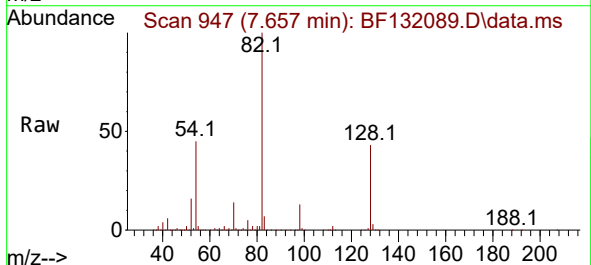
Instrument :
BNA_F
ClientSampleId :
PB150055BL

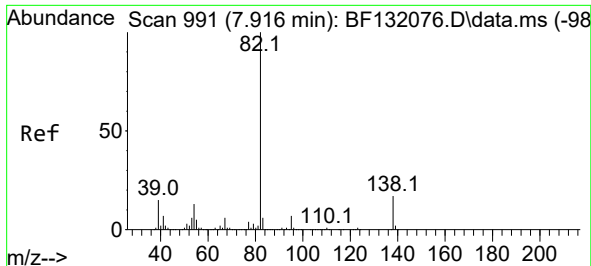
Tgt Ion:	136	Resp:	980787
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	6.9	5.3	7.9
68	5.7	4.4	6.6



#23
Nitrobenzene-d5
Concen: 97.530 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.006 min
Lab File: BF132089.D
Acq: 17 Jan 2023 01:51

Tgt Ion:	82	Resp:	1397530
Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.6	48.8
54	45.5	36.0	54.0

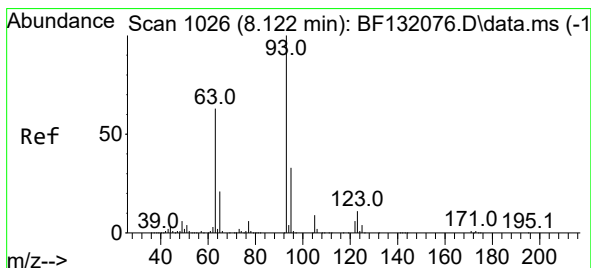
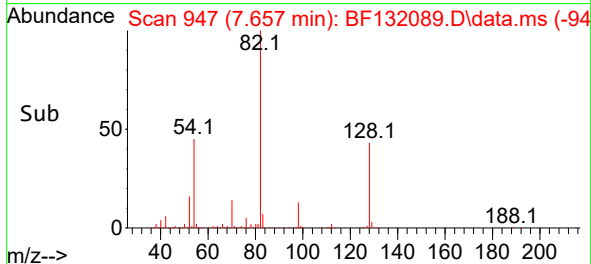
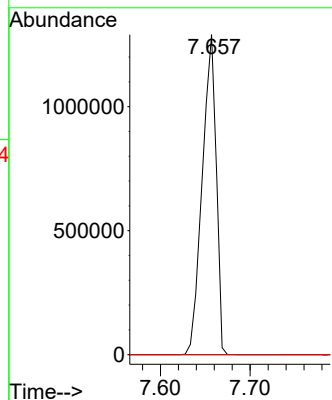
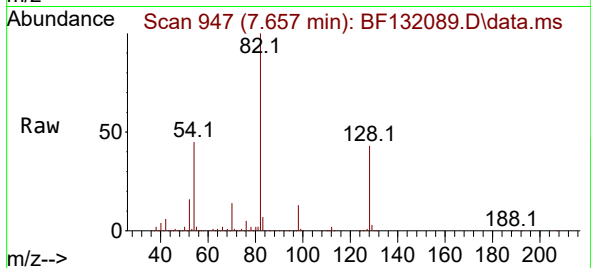




#25
Isophorone
Concen: 41.545 ng
RT: 7.657 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF132089.D
Acq: 17 Jan 2023 01:51

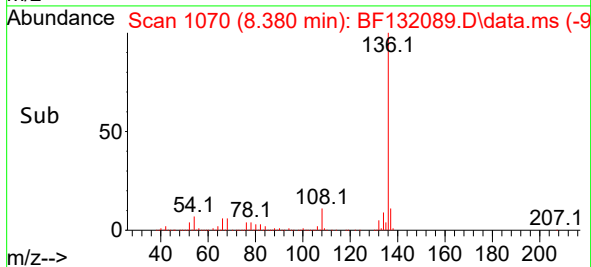
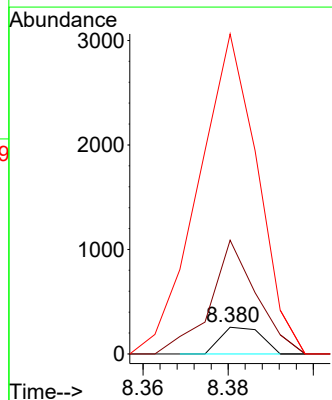
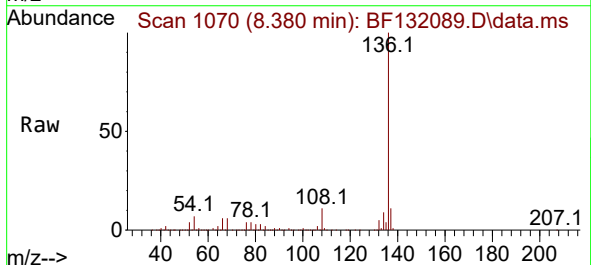
Instrument :
BNA_F
ClientSampleId :
PB150055BL

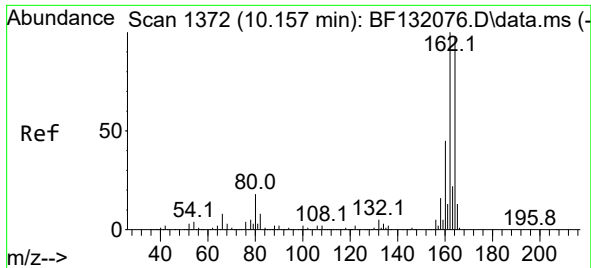
Tgt Ion: 82 Resp: 1397717
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 4.798 ng
RT: 8.380 min Scan# 1070
Delta R.T. 0.258 min
Lab File: BF132089.D
Acq: 17 Jan 2023 01:51

Tgt Ion:122 Resp: 172
Ion Ratio Lower Upper
122 100
105 425.0 105.1 145.1#
77 1196.1 74.0 114.0#

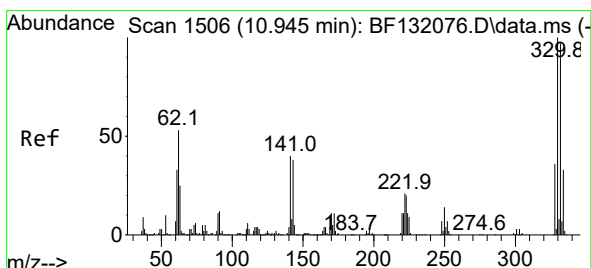
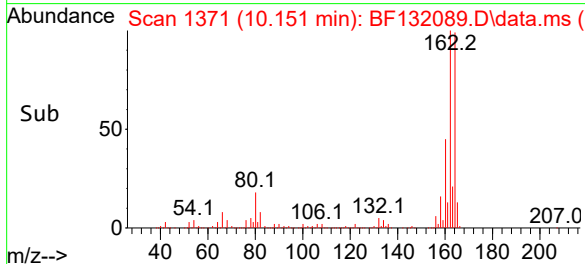
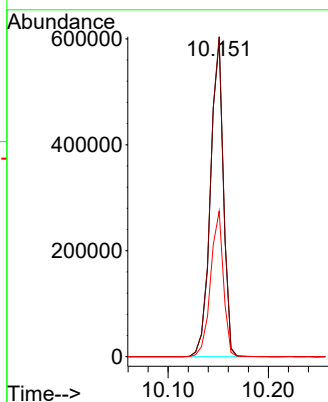
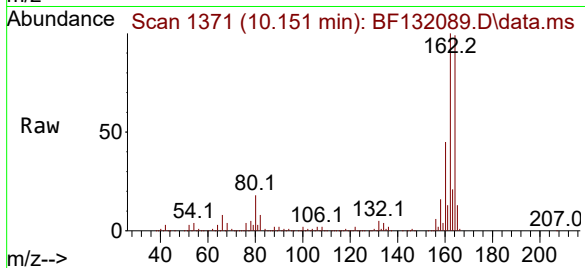




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.151 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF132089.D
Acq: 17 Jan 2023 01:51

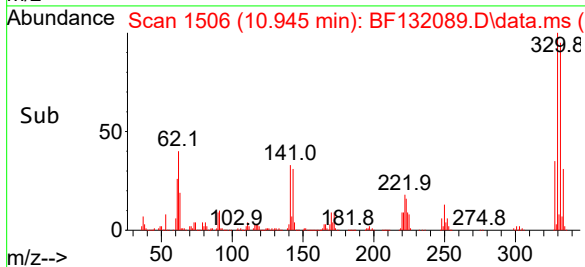
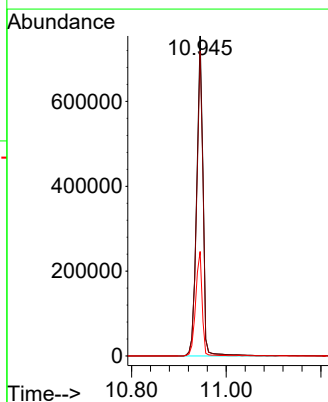
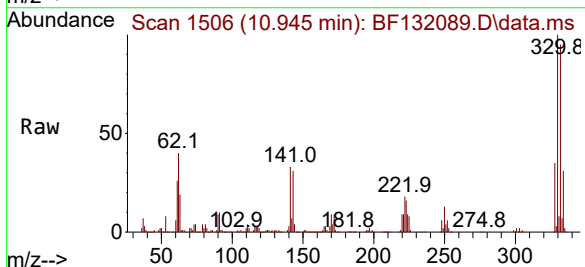
Instrument :
BNA_F
ClientSampleId :
PB150055BL

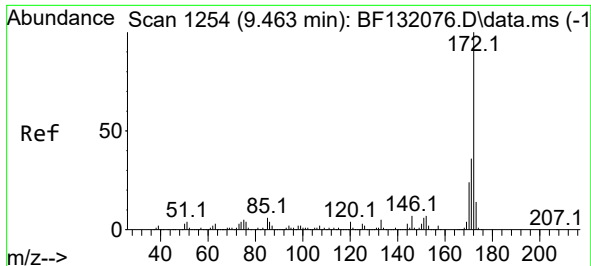
Tgt Ion:164 Resp: 535630
Ion Ratio Lower Upper
164 100
162 101.3 81.5 122.3
160 46.1 36.6 55.0



#42
2,4,6-Tribromophenol
Concen: 137.468 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BF132089.D
Acq: 17 Jan 2023 01:51

Tgt Ion:330 Resp: 703413
Ion Ratio Lower Upper
330 100
332 96.1 77.9 116.9
141 33.4 29.2 43.8

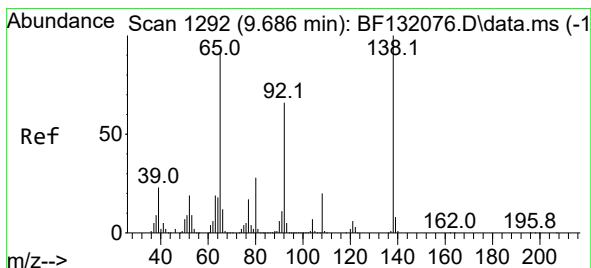
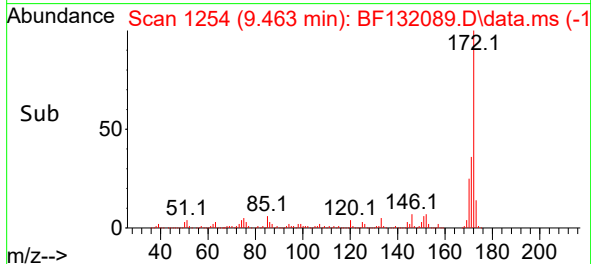
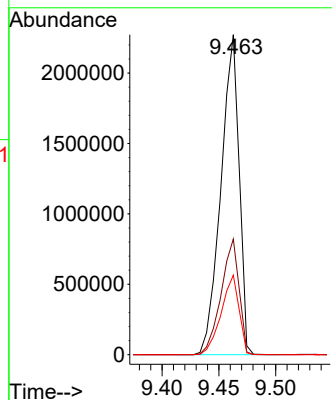
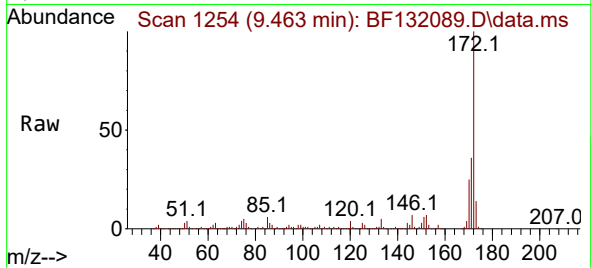




#45
2-Fluorobiphenyl
Concen: 73.541 ng
RT: 9.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132089.D
Acq: 17 Jan 2023 01:51

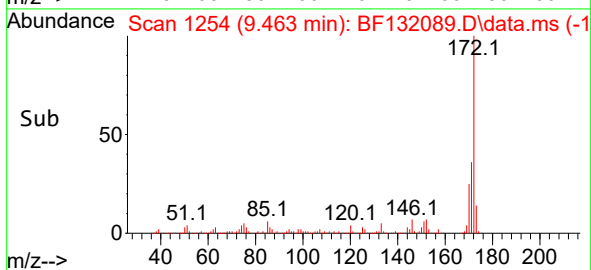
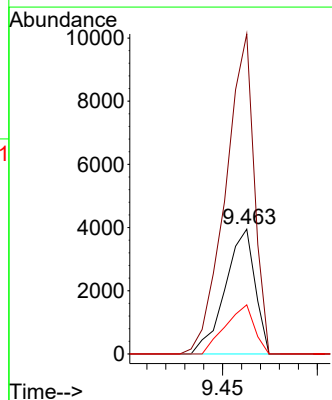
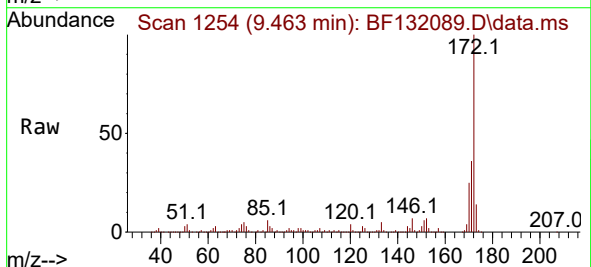
Instrument :
BNA_F
ClientSampleId :
PB150055BL

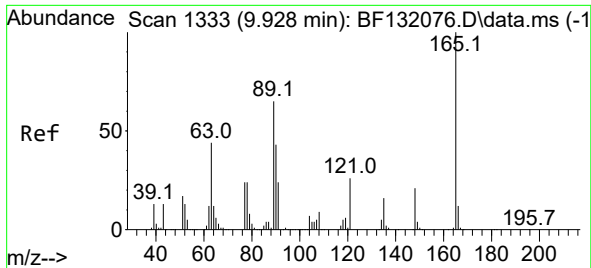
Tgt Ion:172 Resp: 2534293
Ion Ratio Lower Upper
172 100
171 36.1 28.7 43.1
170 24.9 19.5 29.3



#48
2-Nitroaniline
Concen: 7.857 ng
RT: 9.463 min Scan# 1254
Delta R.T. -0.223 min
Lab File: BF132089.D
Acq: 17 Jan 2023 01:51

Tgt Ion: 65 Resp: 4317
Ion Ratio Lower Upper
65 100
92 256.4 57.8 86.6#
138 39.4 88.2 132.4#

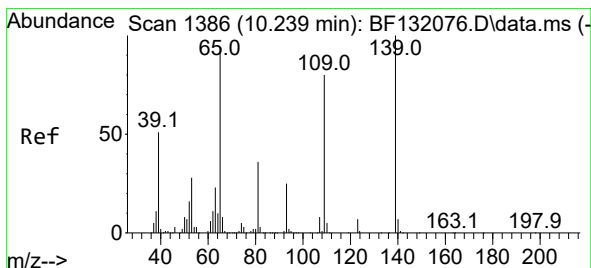
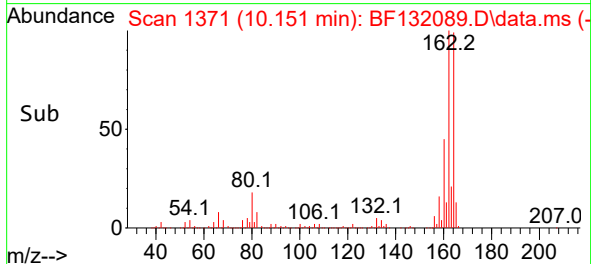
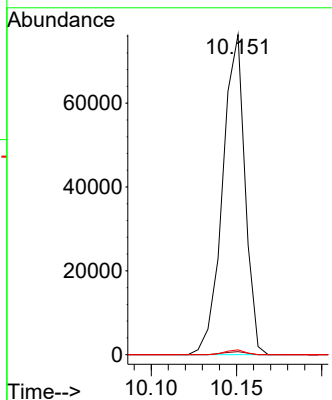
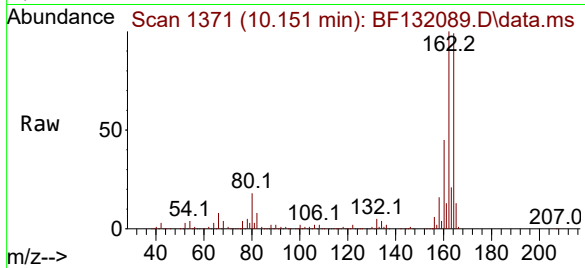




#51
 2,6-Dinitrotoluene
 Concen: 13.786 ng
 RT: 10.151 min Scan# 11
 Delta R.T. 0.223 min
 Lab File: BF132089.D
 Acq: 17 Jan 2023 01:51

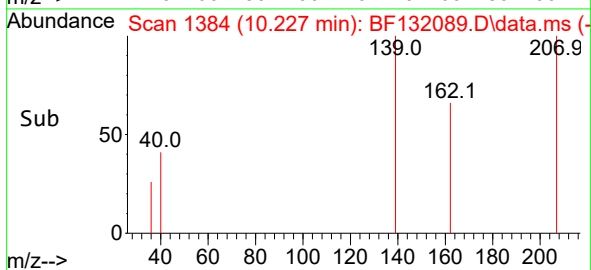
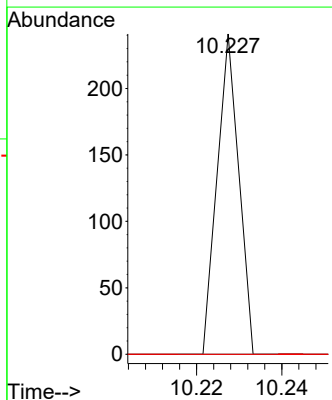
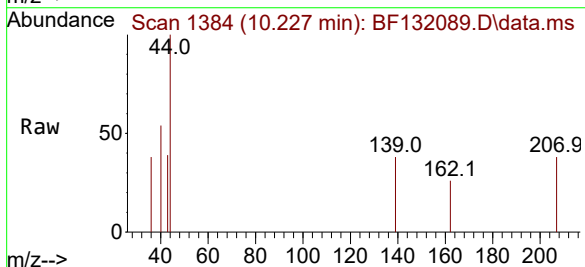
Instrument :
 BNA_F
 ClientSampleId :
 PB150055BL

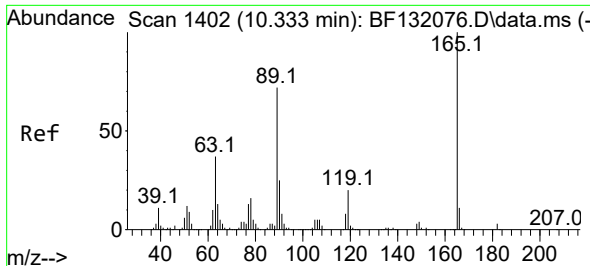
Tgt Ion:165 Resp: 69673
 Ion Ratio Lower Upper
 165 100
 63 0.9 45.7 68.5#
 89 1.5 52.5 78.7#



#56
 4-Nitrophenol
 Concen: 5.347 ng
 RT: 10.227 min Scan# 1384
 Delta R.T. -0.012 min
 Lab File: BF132089.D
 Acq: 17 Jan 2023 01:51

Tgt Ion:139 Resp: 85
 Ion Ratio Lower Upper
 139 100
 109 0.0 59.9 99.9#
 65 0.0 74.9 114.9#

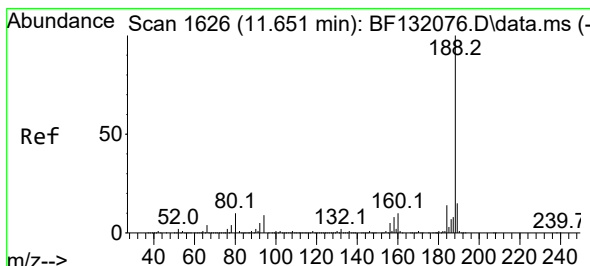
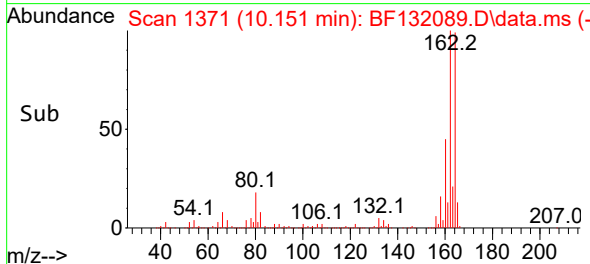
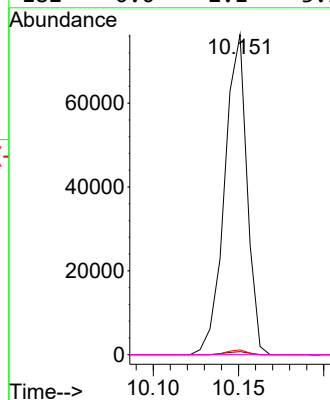
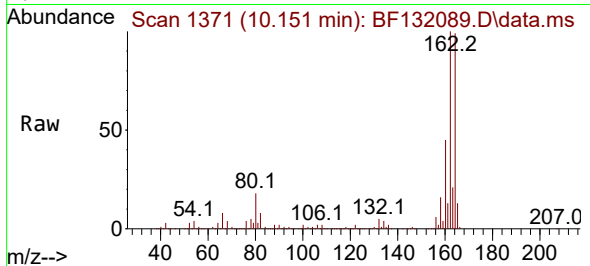




#57
2,4-Dinitrotoluene
Concen: 12.934 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF132089.D
Acq: 17 Jan 2023 01:51

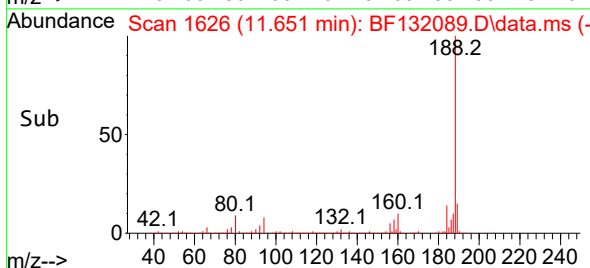
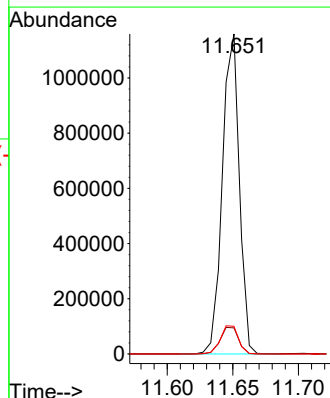
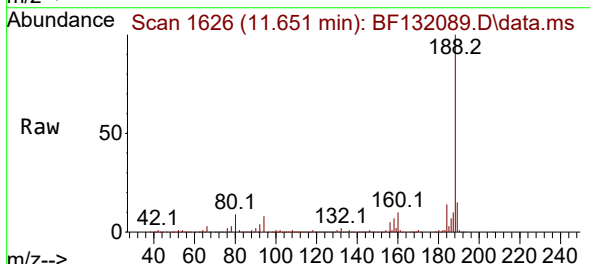
Instrument :
BNA_F
ClientSampleId :
PB150055BL

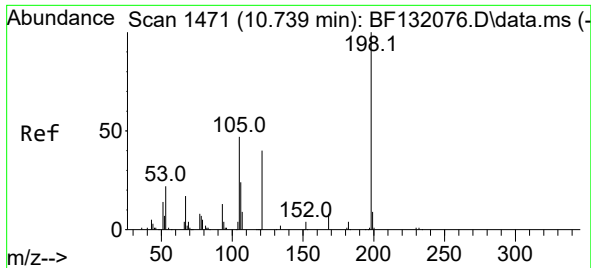
Tgt Ion:165 Resp: 69673
Ion Ratio Lower Upper
165 100
63 0.9 29.5 44.3#
89 1.5 57.8 86.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.651 min Scan# 1626
Delta R.T. -0.000 min
Lab File: BF132089.D
Acq: 17 Jan 2023 01:51

Tgt Ion:188 Resp: 1041105
Ion Ratio Lower Upper
188 100
94 8.1 7.2 10.8
80 8.7 8.1 12.1

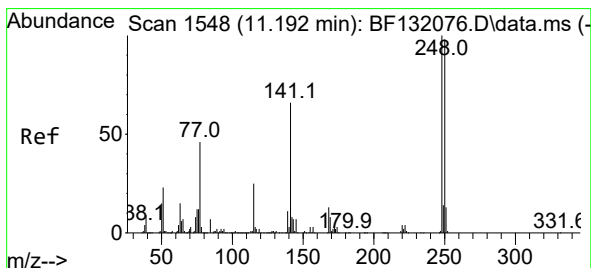
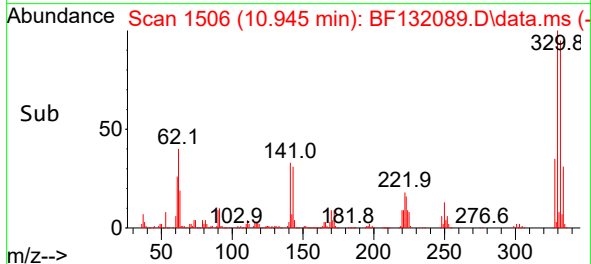
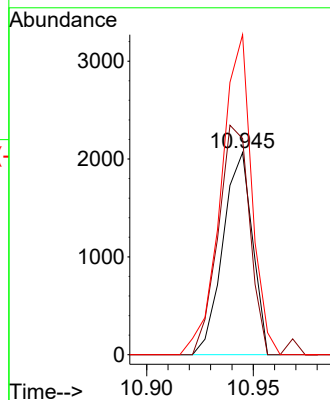
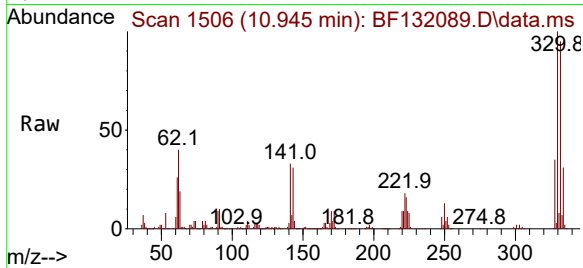




#65
4,6-Dinitro-2-methylphenol
Concen: 6.606 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.206 min
Lab File: BF132089.D
Acq: 17 Jan 2023 01:51

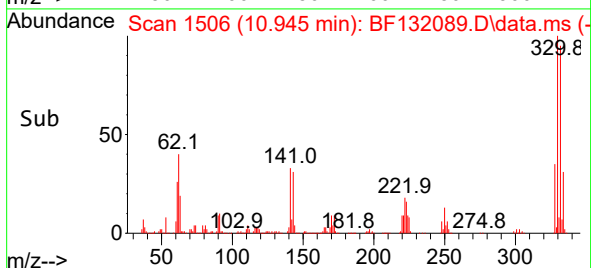
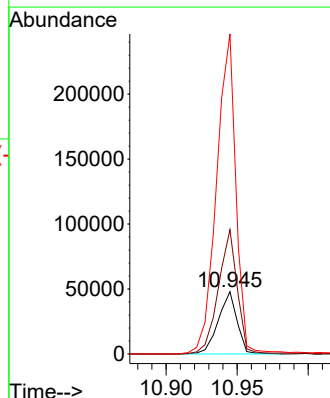
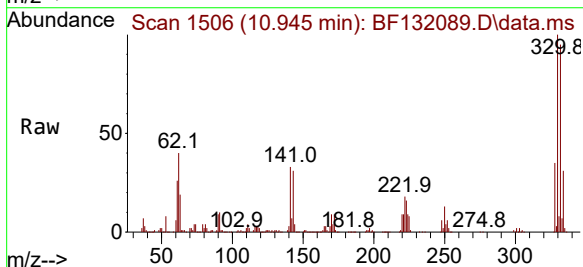
Instrument :
BNA_F
ClientSampleId :
PB150055BL

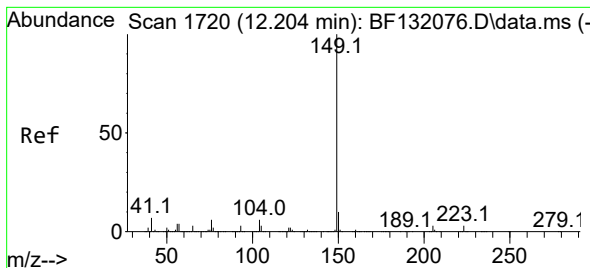
Tgt Ion:198 Resp: 1987
Ion Ratio Lower Upper
198 100
51 106.9 20.4 60.4#
105 158.3 28.0 68.0#



#67
4-Bromophenyl-phenylether
Concen: 3.899 ng
RT: 10.945 min Scan# 1506
Delta R.T. -0.247 min
Lab File: BF132089.D
Acq: 17 Jan 2023 01:51

Tgt Ion:248 Resp: 44202
Ion Ratio Lower Upper
248 100
250 199.6 78.2 117.4#
141 513.9 53.2 79.8#





#74

Di-n-butylphthalate

Concen: 5.713 ng

RT: 12.198 min Scan# 1719

Delta R.T. -0.006 min

Lab File: BF132089.D

Acq: 17 Jan 2023 01:51

Instrument :

BNA_F

ClientSampleId :

PB150055BL

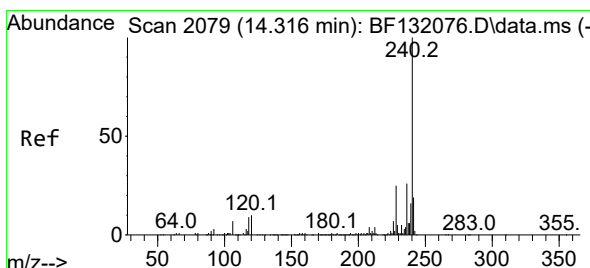
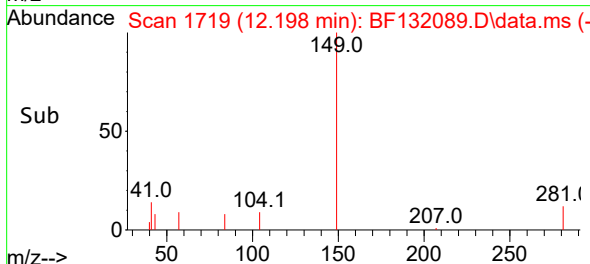
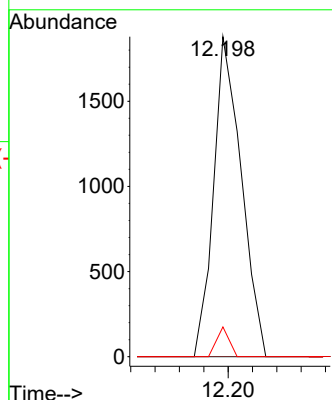
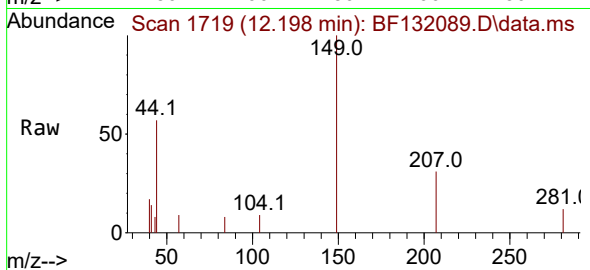
Tgt Ion:149 Resp: 1484

Ion Ratio Lower Upper

149 100

150 0.0 7.7 11.5#

104 9.3 4.6 6.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.309 min Scan# 2078

Delta R.T. -0.007 min

Lab File: BF132089.D

Acq: 17 Jan 2023 01:51

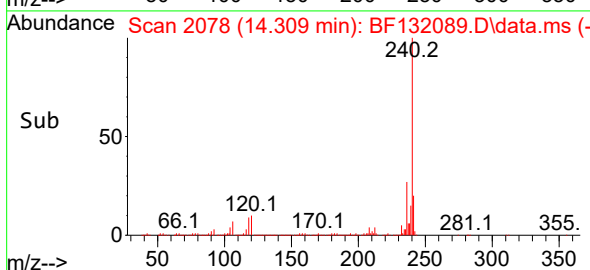
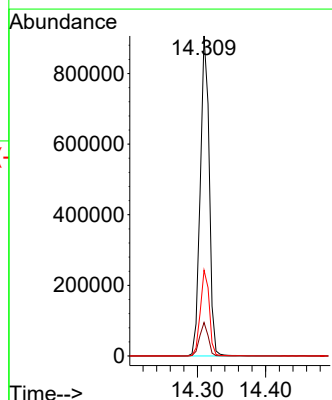
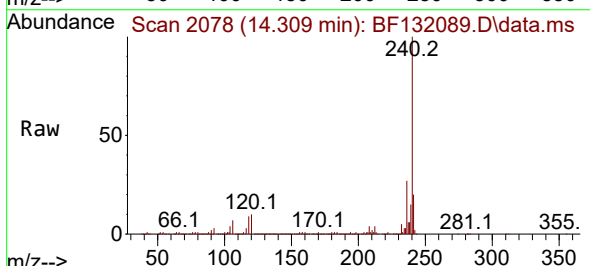
Tgt Ion:240 Resp: 829051

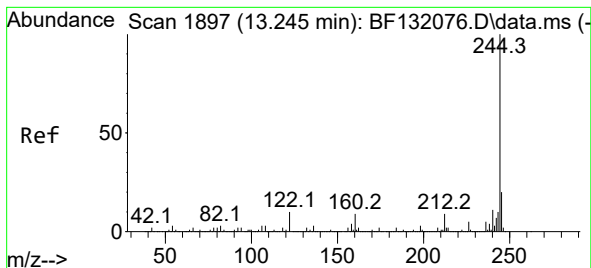
Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

236 26.8 21.0 31.4





#79

Terphenyl-d14

Concen: 69.975 ng

RT: 13.251 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132089.D

Acq: 17 Jan 2023 01:51

Instrument :

BNA_F

ClientSampleId :

PB150055BL

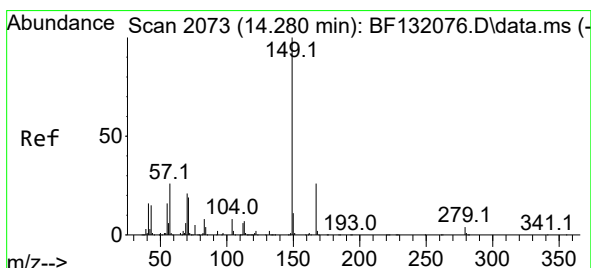
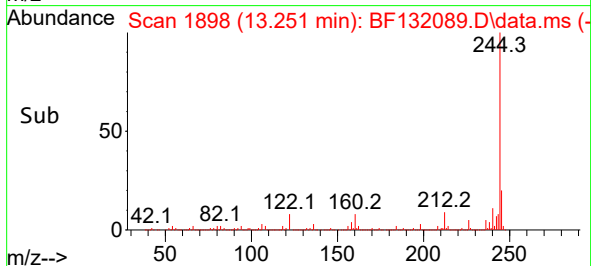
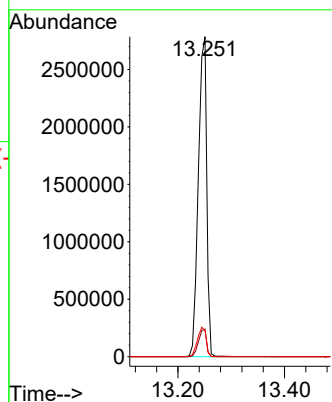
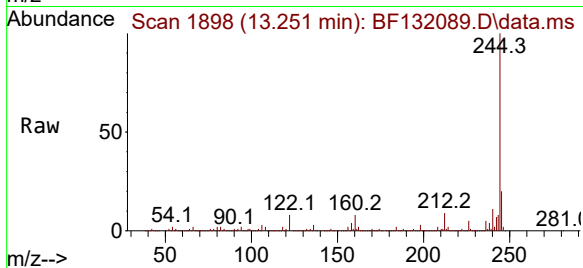
Tgt Ion:244 Resp: 3053147

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

122 8.2 7.8 11.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.740 ng

RT: 14.274 min Scan# 2072

Delta R.T. -0.006 min

Lab File: BF132089.D

Acq: 17 Jan 2023 01:51

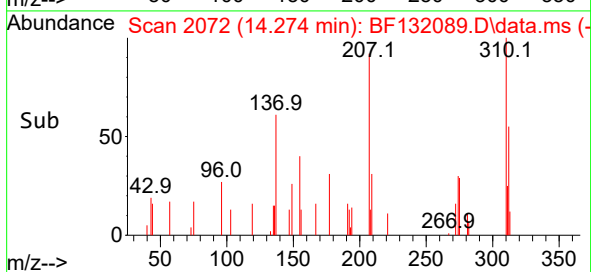
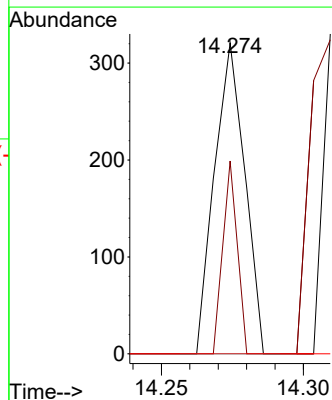
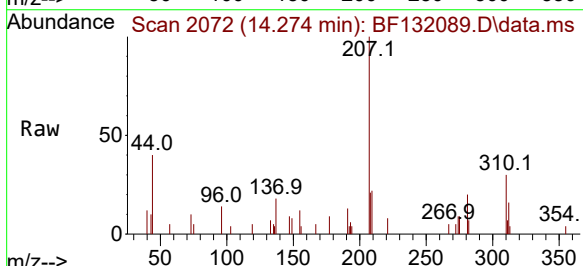
Tgt Ion:149 Resp: 238

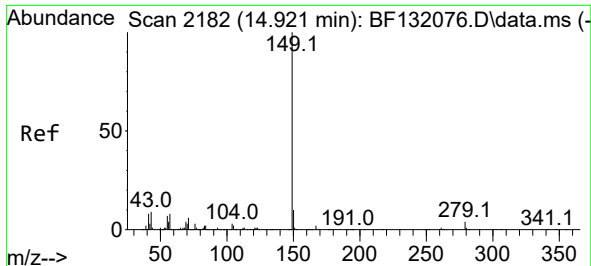
Ion Ratio Lower Upper

149 100

167 62.0 20.9 31.3#

279 0.0 3.1 4.7#

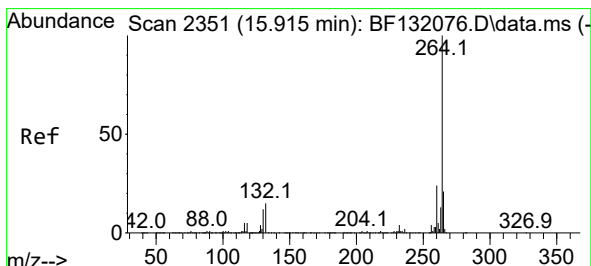
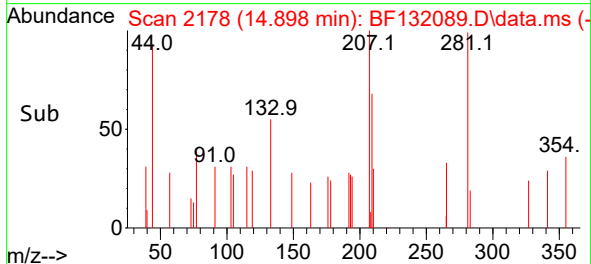
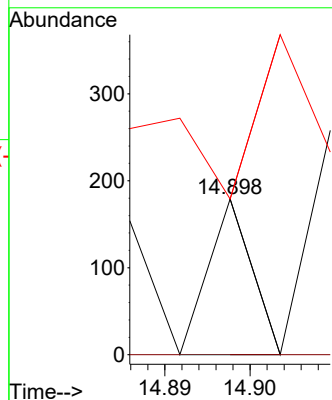
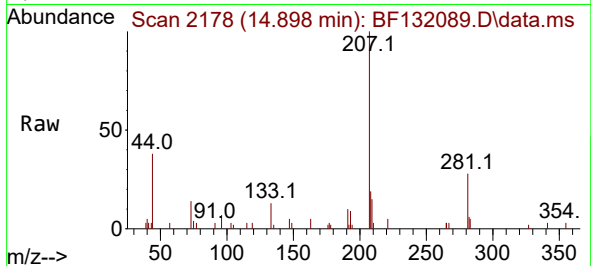




#85
Di-n-octyl phthalate
Concen: 8.909 ng
RT: 14.898 min Scan# 2182
Delta R.T. -0.023 min
Lab File: BF132089.D
Acq: 17 Jan 2023 01:51

Instrument :
BNA_F
ClientSampleId :
PB150055BL

Tgt Ion:149 Resp: 63
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 307.9 8.8 13.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.909 min Scan# 2350
Delta R.T. -0.006 min
Lab File: BF132089.D
Acq: 17 Jan 2023 01:51

Tgt Ion:264 Resp: 715026
Ion Ratio Lower Upper
264 100
260 24.3 19.1 28.7
265 22.1 17.1 25.7

