

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
 Data File : BF132330.D
 Acq On : 03 Feb 2023 19:38
 Operator : CG\JU
 Sample : 01409-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38414

Quant Time: Feb 04 01:41:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 01:32:42 2023
 Response via : Initial Calibration

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

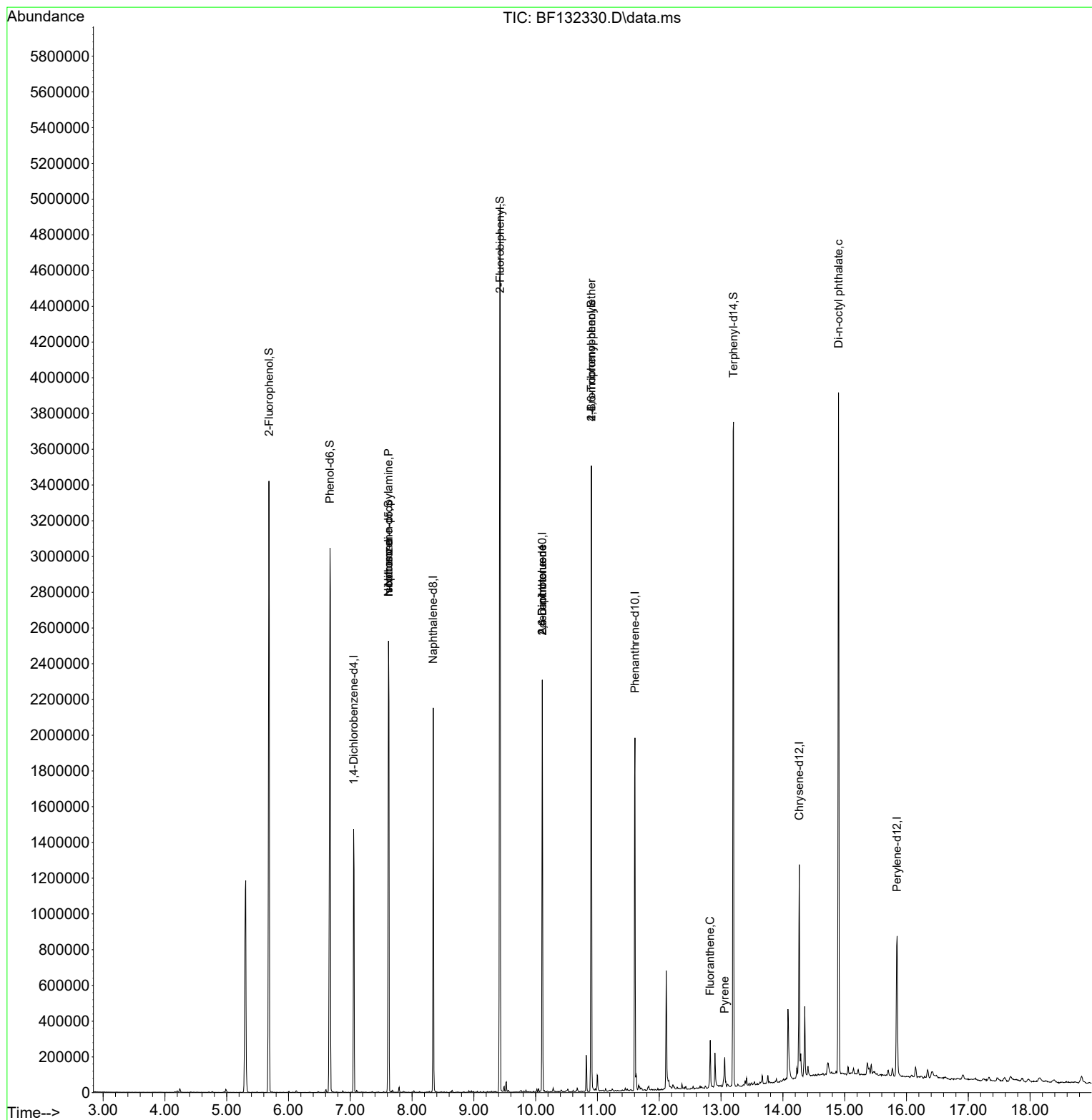
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.054	152	229772	20.000	ng	0.00
21) Naphthalene-d8	8.343	136	886274	20.000	ng	0.00
39) Acenaphthene-d10	10.107	164	440628	20.000	ng	0.00
64) Phenanthrene-d10	11.607	188	735010	20.000	ng	0.00
76) Chrysene-d12	14.266	240	366724	20.000	ng	0.00
86) Perylene-d12	15.848	264	380814	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	1234519	86.362	ng	0.00
7) Phenol-d6	6.672	99	1537253	87.228	ng	0.00
23) Nitrobenzene-d5	7.619	82	949813	59.637	ng	-0.01
42) 2,4,6-Tribromophenol	10.901	330	446194	98.470	ng	0.00
45) 2-Fluorobiphenyl	9.425	172	1665683	58.377	ng	0.00
79) Terphenyl-d14	13.201	244	1364817	71.992	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.607	77	373	Below Cal	#	81
19) n-Nitroso-di-n-propyla...	7.619	70	118154	11.803	ng	# 77
25) Isophorone	7.619	82	948394	31.374	ng	# 64
51) 2,6-Dinitrotoluene	10.107	165	58469	8.494	ng	# 25
57) 2,4-Dinitrotoluene	10.107	165	58470	6.539	ng	# 23
67) 4-Bromophenyl-phenylether	10.901	248	25602	3.402	ng	# 1
75) Fluoranthene	12.825	202	83030	2.118	ng	100
78) Pyrene	13.060	202	68567	2.325	ng	100
85) Di-n-octyl phthalate	14.901	149	452808	15.761	ng	# 64

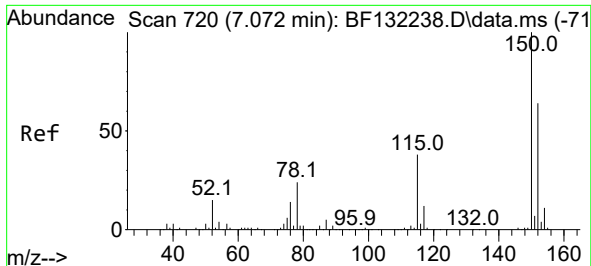
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 04 01:32:42 2023
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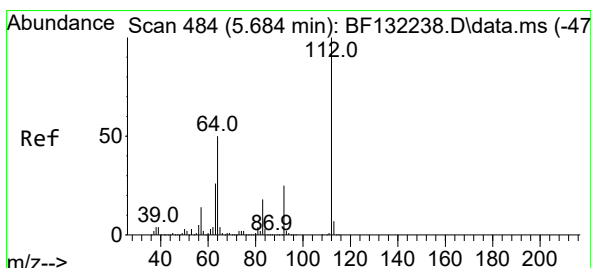
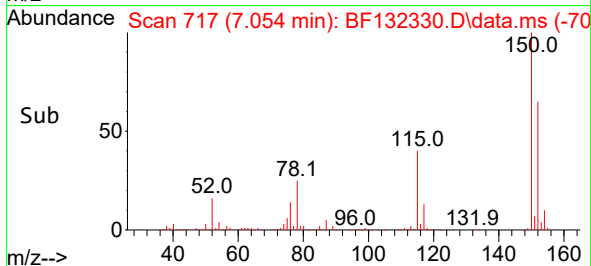
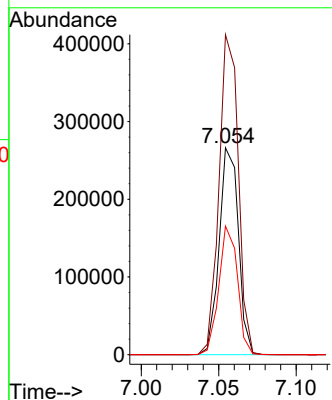
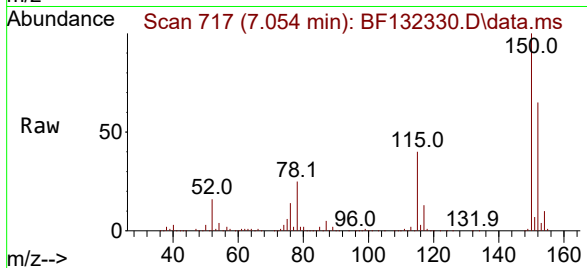




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.054 min Scan# 717
 Delta R.T. -0.006 min
 Lab File: BF132330.D
 Acq: 03 Feb 2023 19:38

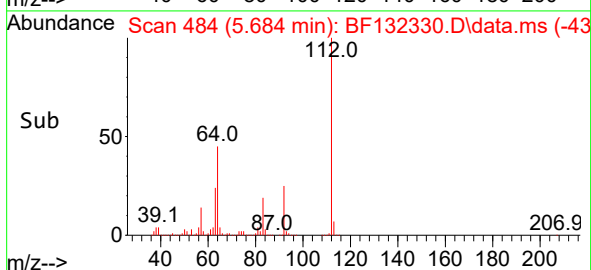
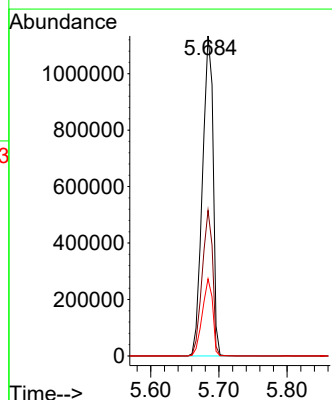
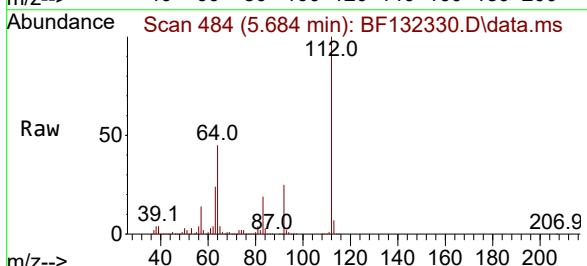
Instrument :
 BNA_F
 ClientSampleId :
 38414

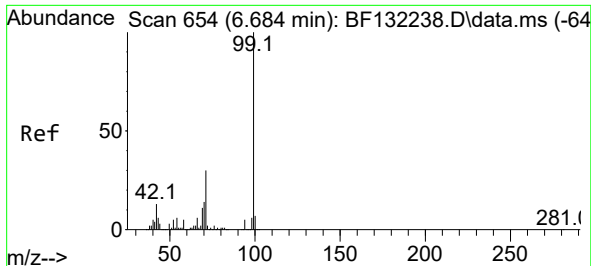
Tgt Ion:152 Resp: 229772
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.2 186.2
 115 62.1 47.3 70.9



#5
 2-Fluorophenol
 Concen: 86.362 ng
 RT: 5.684 min Scan# 484
 Delta R.T. 0.006 min
 Lab File: BF132330.D
 Acq: 03 Feb 2023 19:38

Tgt Ion:112 Resp: 1234519
 Ion Ratio Lower Upper
 112 100
 64 45.5 40.0 60.0
 63 24.1 20.5 30.7





#7

Phenol-d6

Concen: 87.228 ng

RT: 6.672 min Scan# 61

Delta R.T. -0.006 min

Lab File: BF132330.D

Acq: 03 Feb 2023 19:38

Instrument :

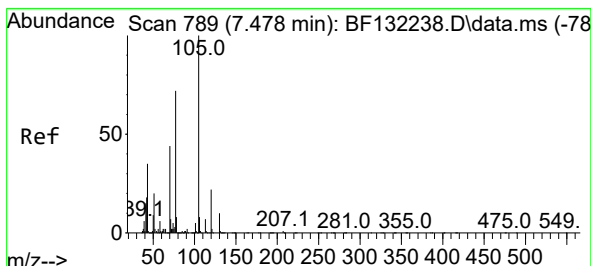
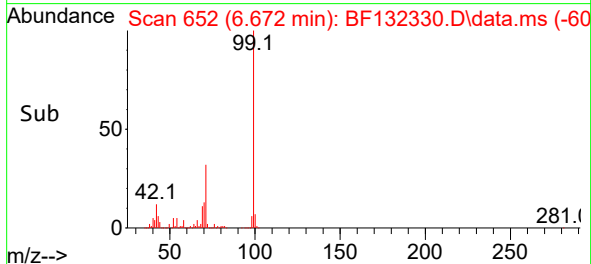
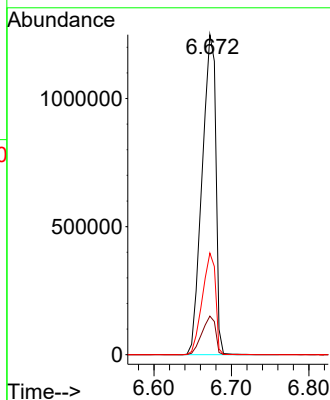
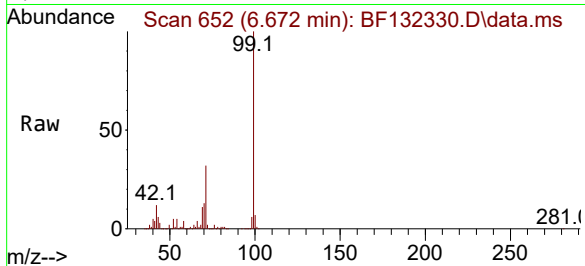
BNA_F

ClientSampleId :

38414

Tgt Ion: 99 Resp: 1537253

Ion	Ratio	Lower	Upper
99	100		
42	12.1	10.1	15.1
71	31.8	24.2	36.4



#19

n-Nitroso-di-n-propylamine

Concen: 11.803 ng

RT: 7.619 min Scan# 813

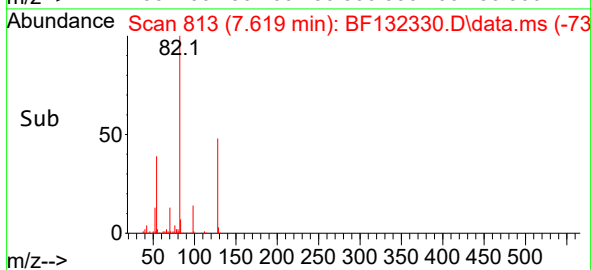
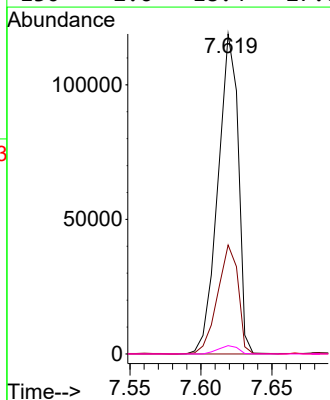
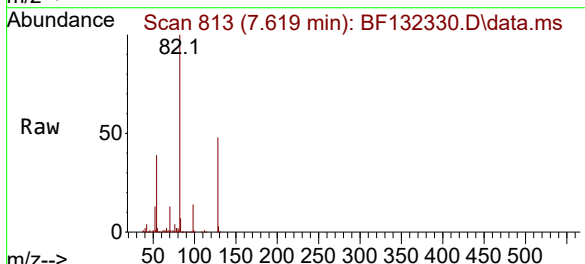
Delta R.T. 0.147 min

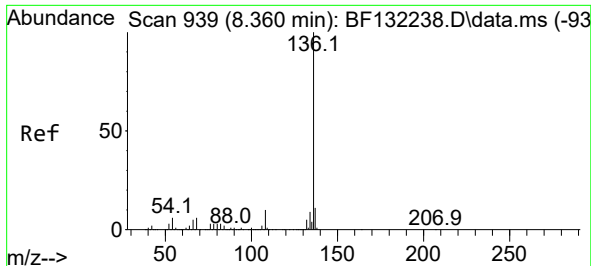
Lab File: BF132330.D

Acq: 03 Feb 2023 19:38

Tgt Ion: 70 Resp: 118154

Ion	Ratio	Lower	Upper
70	100		
42	34.1	33.4	50.0
101	0.0	8.2	12.4#
130	2.6	18.4	27.6#



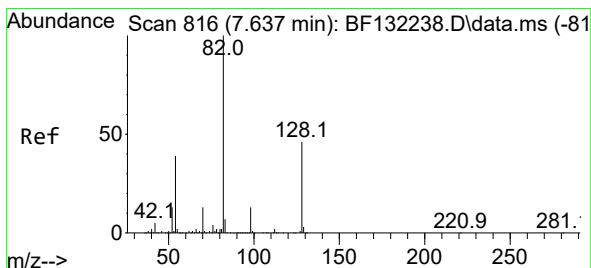
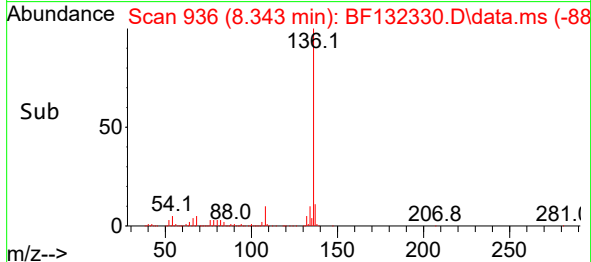
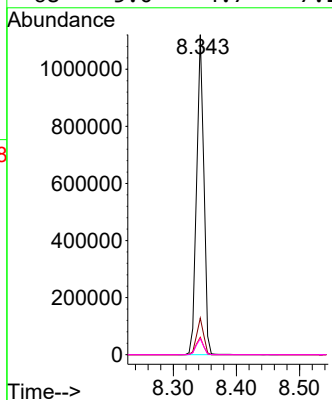
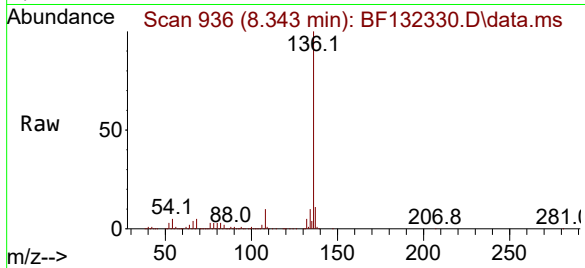


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.343 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132330.D
Acq: 03 Feb 2023 19:38

Instrument :
BNA_F
ClientSampleId :
38414

Tgt Ion:136 Resp: 886274

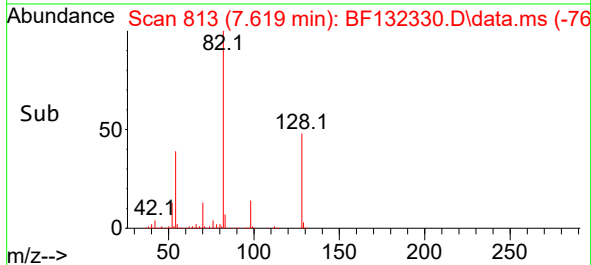
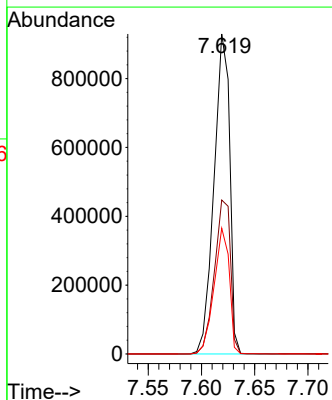
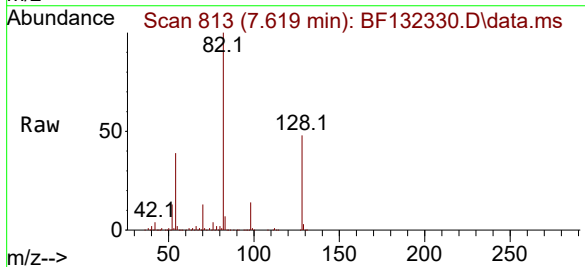
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	5.5	4.9	7.3
68	5.0	4.7	7.1

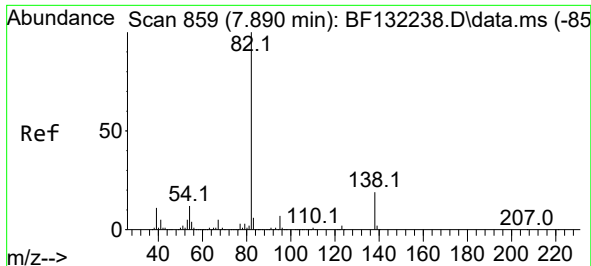


#23
Nitrobenzene-d5
Concen: 59.637 ng
RT: 7.619 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF132330.D
Acq: 03 Feb 2023 19:38

Tgt Ion: 82 Resp: 949813

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.0	55.4
54	39.3	31.5	47.3

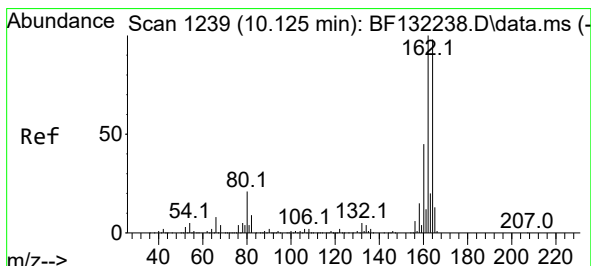
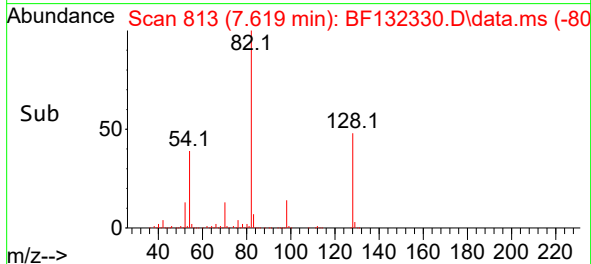
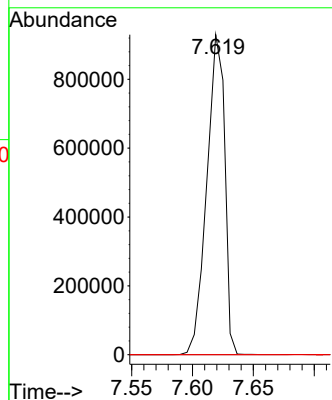
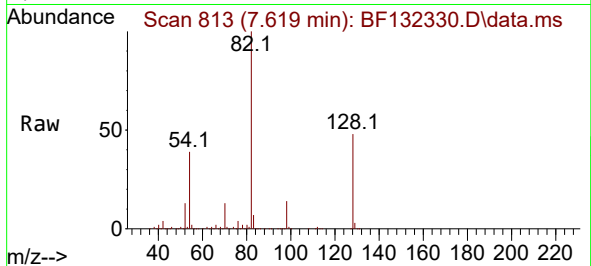




#25
Isophorone
Concen: 31.374 ng
RT: 7.619 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF132330.D
Acq: 03 Feb 2023 19:38

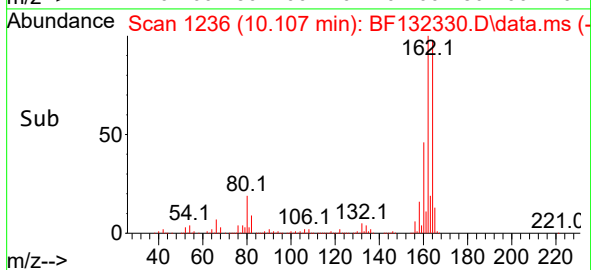
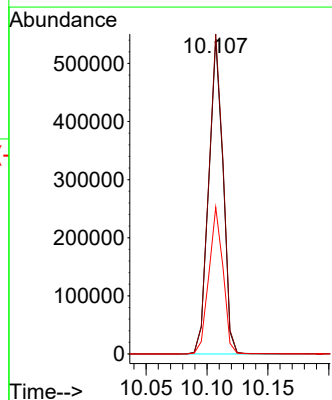
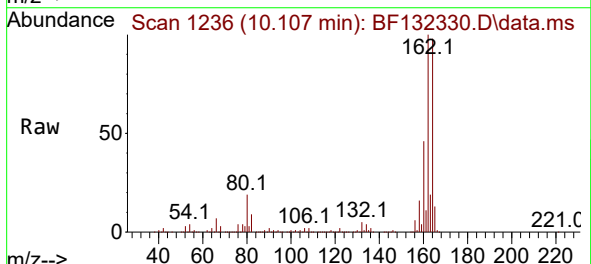
Instrument :
BNA_F
ClientSampleId :
38414

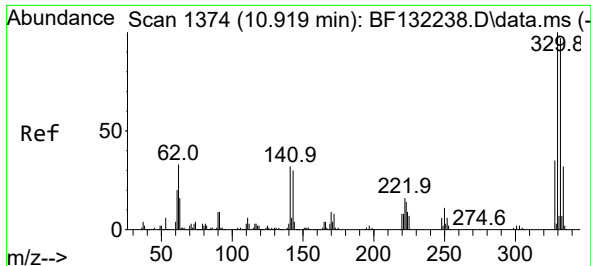
Tgt Ion: 82 Resp: 948394
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.107 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF132330.D
Acq: 03 Feb 2023 19:38

Tgt Ion:164 Resp: 440628
Ion Ratio Lower Upper
164 100
162 101.6 82.0 123.0
160 46.6 37.1 55.7

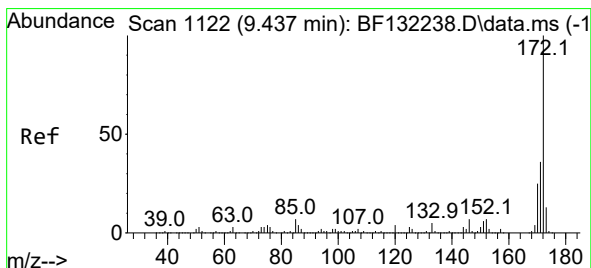
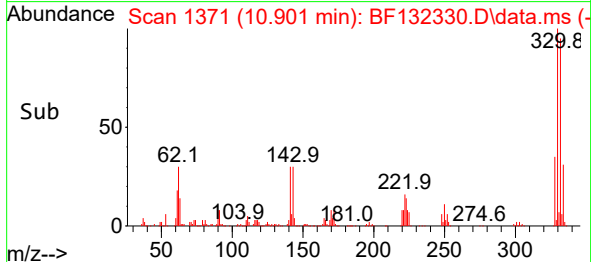
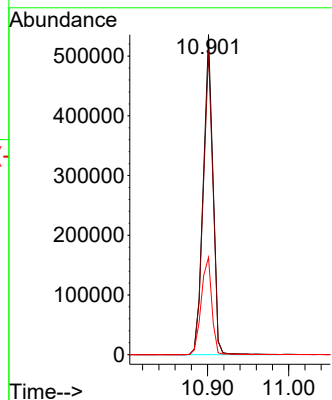
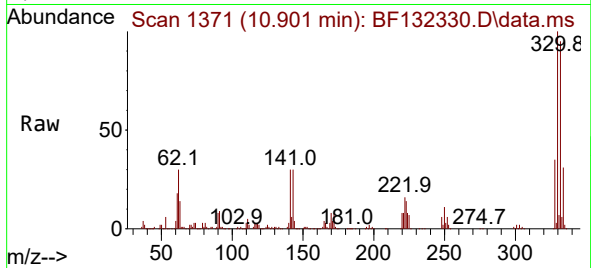




#42
2,4,6-Tribromophenol
Concen: 98.470 ng
RT: 10.901 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132330.D
Acq: 03 Feb 2023 19:38

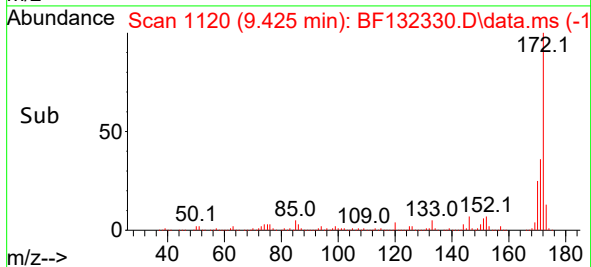
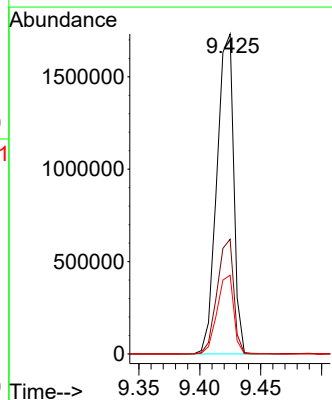
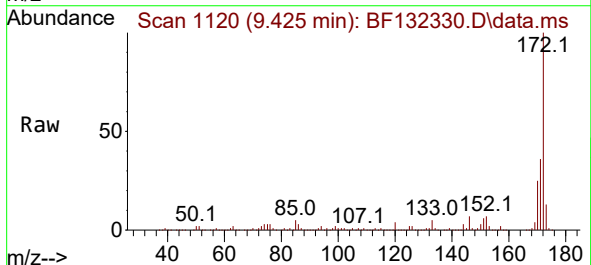
Instrument :
BNA_F
ClientSampleId :
38414

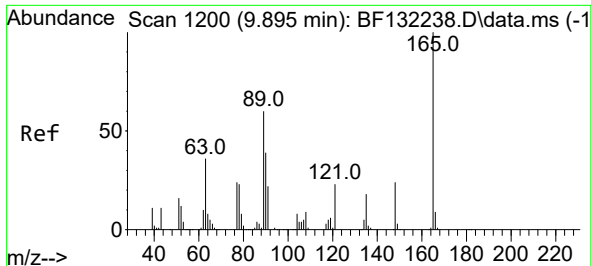
Tgt Ion:330 Resp: 446194
Ion Ratio Lower Upper
330 100
332 95.3 77.9 116.9
141 33.0 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 58.377 ng
RT: 9.425 min Scan# 1120
Delta R.T. 0.000 min
Lab File: BF132330.D
Acq: 03 Feb 2023 19:38

Tgt Ion:172 Resp: 1665683
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.6 19.7 29.5

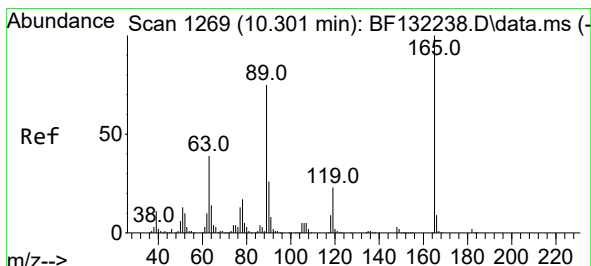
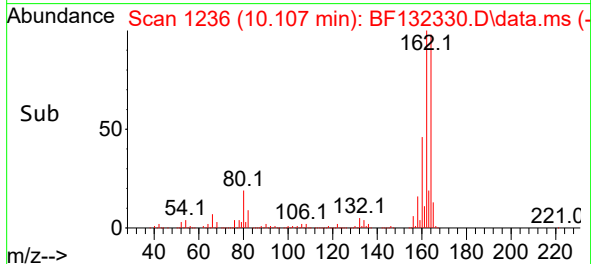
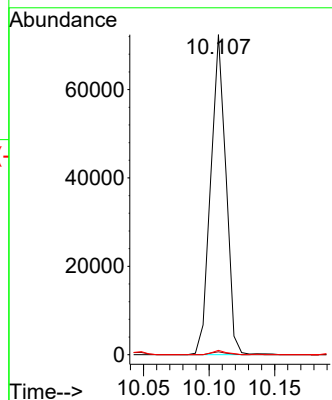
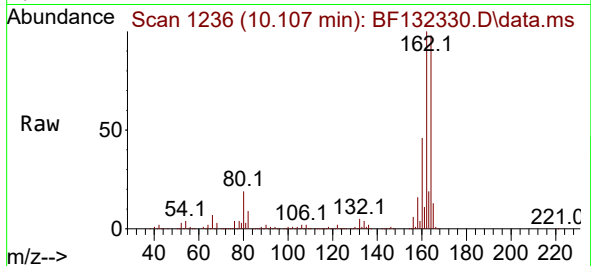




#51
2,6-Dinitrotoluene
Concen: 8.494 ng
RT: 10.107 min Scan# 1236
Delta R.T. 0.218 min
Lab File: BF132330.D
Acq: 03 Feb 2023 19:38

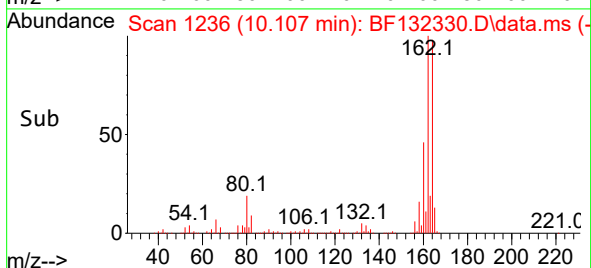
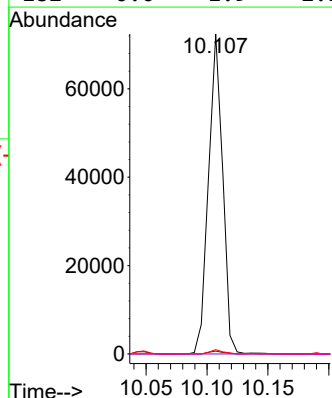
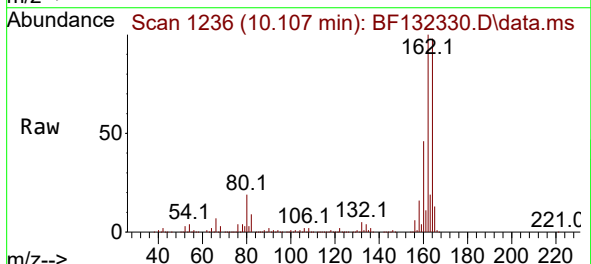
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ClientSampleId :
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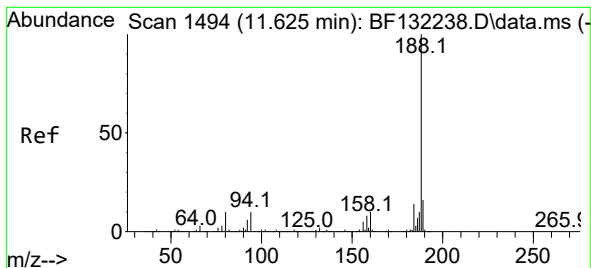
Tgt Ion:165 Resp: 58469
Ion Ratio Lower Upper
165 100
63 0.9 41.5 62.3#
89 1.3 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.539 ng
RT: 10.107 min Scan# 1236
Delta R.T. -0.188 min
Lab File: BF132330.D
Acq: 03 Feb 2023 19:38

Tgt Ion:165 Resp: 58470
Ion Ratio Lower Upper
165 100
63 0.9 30.9 46.3#
89 1.3 60.1 90.1#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.607 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF132330.D

Acq: 03 Feb 2023 19:38

Instrument :

BNA_F

ClientSampleId :

38414

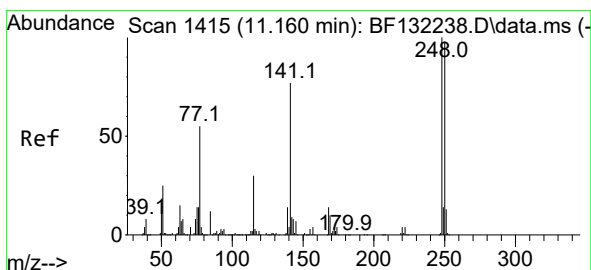
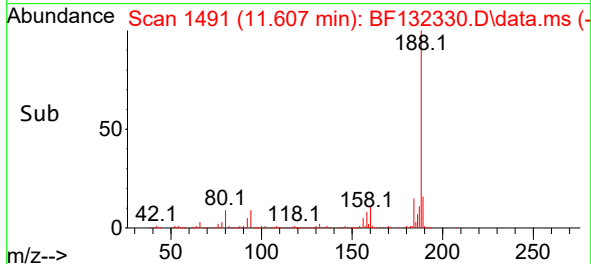
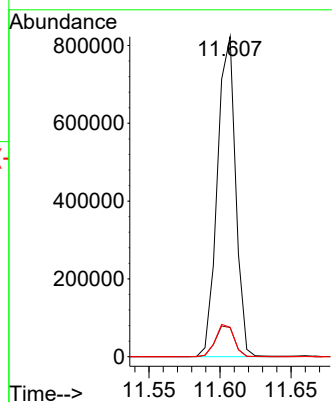
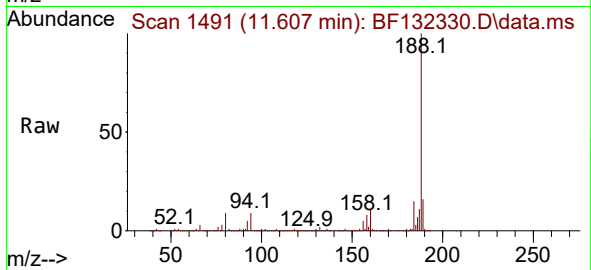
Tgt Ion:188 Resp: 735010

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

80 9.2 8.3 12.5



#67

4-Bromophenyl-phenylether

Concen: 3.402 ng

RT: 10.901 min Scan# 1371

Delta R.T. -0.247 min

Lab File: BF132330.D

Acq: 03 Feb 2023 19:38

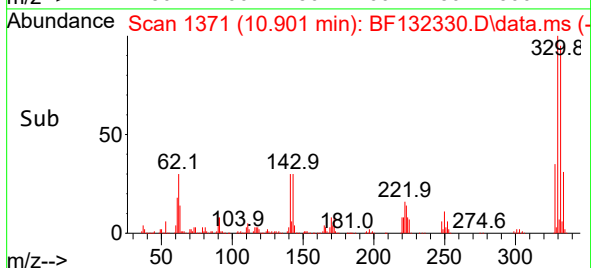
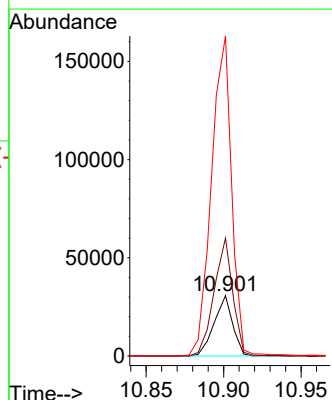
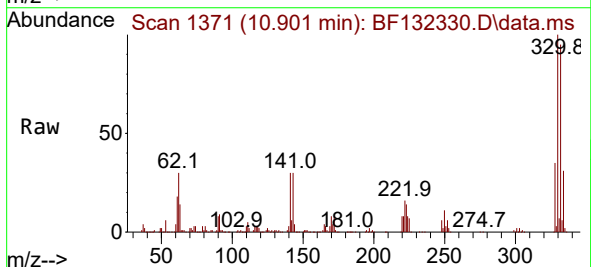
Tgt Ion:248 Resp: 25602

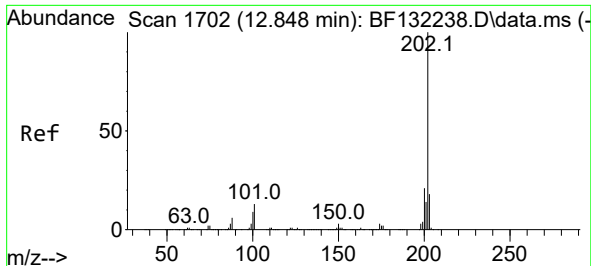
Ion Ratio Lower Upper

248 100

250 195.8 78.6 117.8#

141 531.1 61.6 92.4#

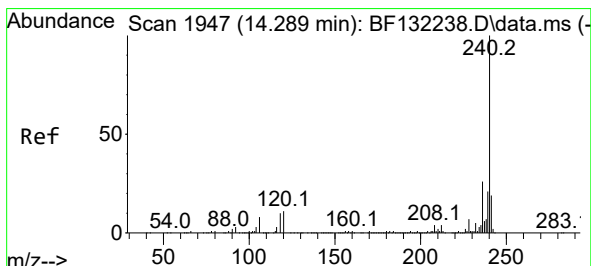
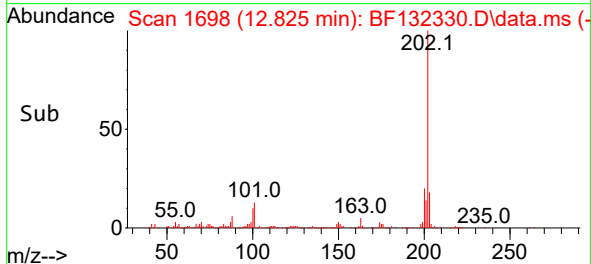
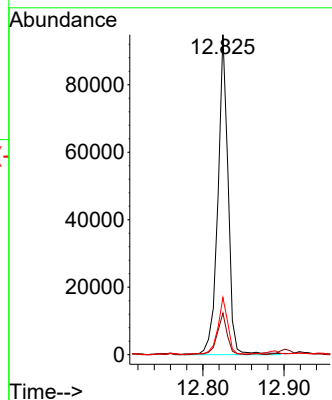
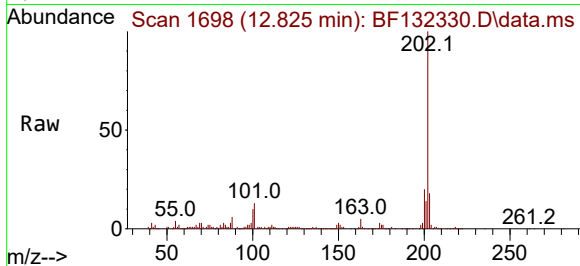




#75
Fluoranthene
Concen: 2.118 ng
RT: 12.825 min Scan# 1698
Delta R.T. -0.012 min
Lab File: BF132330.D
Acq: 03 Feb 2023 19:38

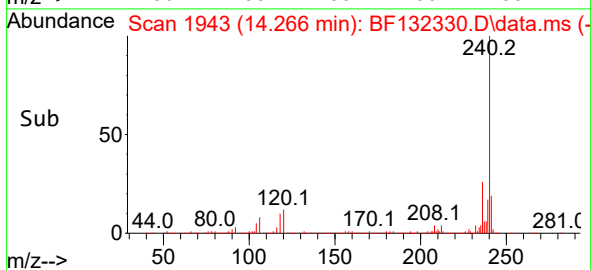
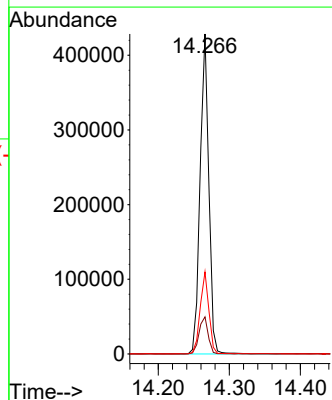
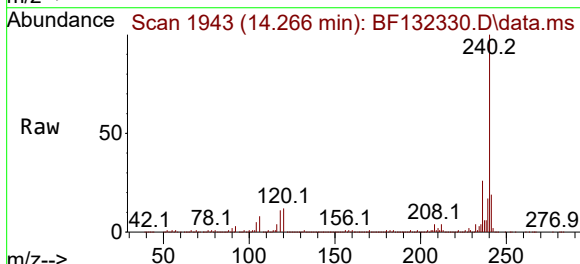
Instrument :
BNA_F
ClientSampleId :
38414

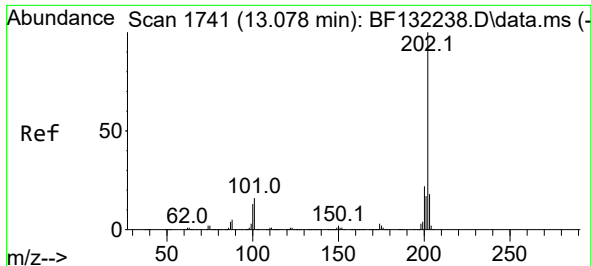
Tgt Ion:202 Resp: 83030
Ion Ratio Lower Upper
202 100
101 13.0 0.0 32.7
203 17.9 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.266 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BF132330.D
Acq: 03 Feb 2023 19:38

Tgt Ion:240 Resp: 366724
Ion Ratio Lower Upper
240 100
120 11.6 8.8 13.2
236 25.7 21.0 31.6

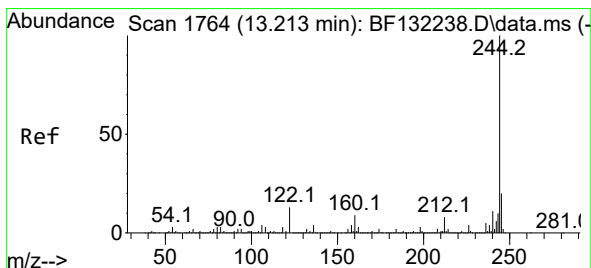
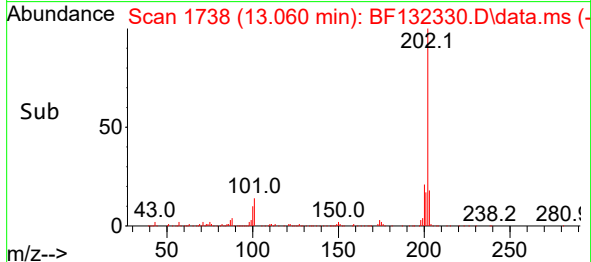
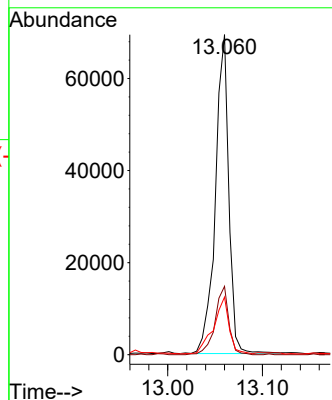
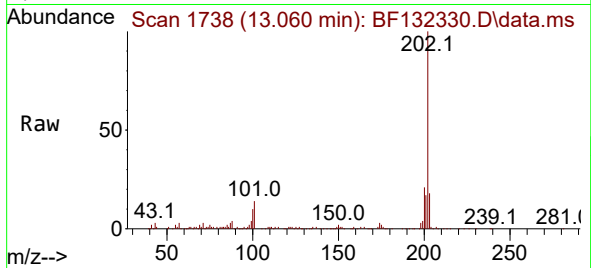




#78
Pyrene
Concen: 2.325 ng
RT: 13.060 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BF132330.D
Acq: 03 Feb 2023 19:38

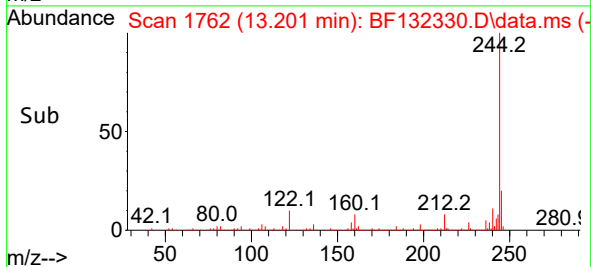
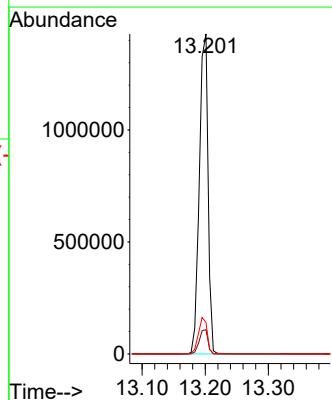
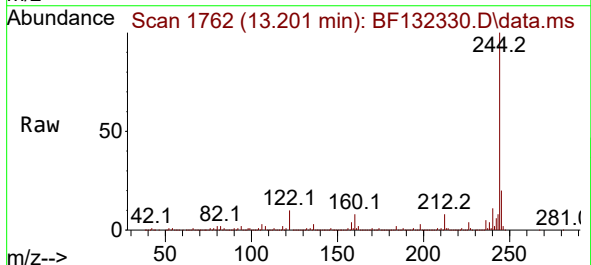
Instrument :
BNA_F
ClientSampleId :
38414

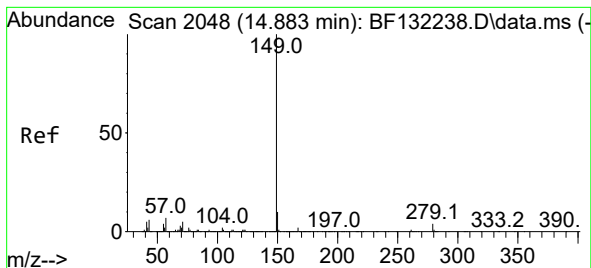
Tgt Ion:202 Resp: 68567
Ion Ratio Lower Upper
202 100
200 21.4 17.3 25.9
203 18.0 14.4 21.6



#79
Terphenyl-d14
Concen: 71.992 ng
RT: 13.201 min Scan# 1762
Delta R.T. 0.000 min
Lab File: BF132330.D
Acq: 03 Feb 2023 19:38

Tgt Ion:244 Resp: 1364817
Ion Ratio Lower Upper
244 100
212 7.6 6.4 9.6
122 9.9 10.5 15.7#





#85

Di-n-octyl phthalate

Concen: 15.761 ng

RT: 14.901 min Scan# 2048

Delta R.T. 0.035 min

Lab File: BF132330.D

Acq: 03 Feb 2023 19:38

Instrument :

BNA_F

ClientSampleId :

38414

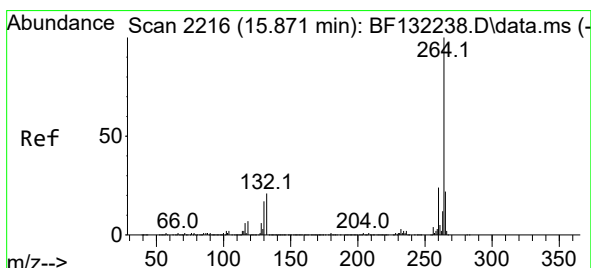
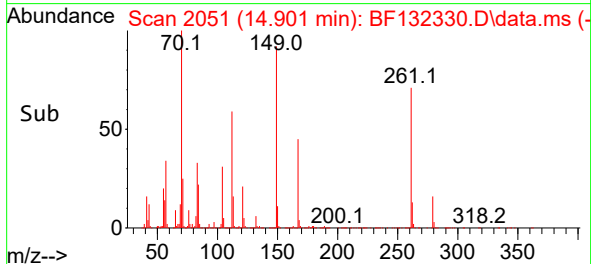
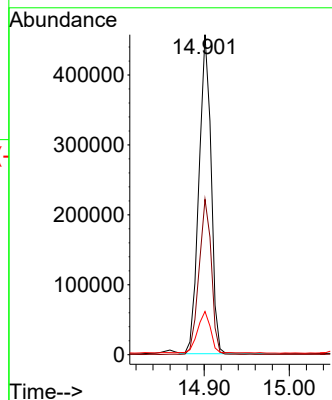
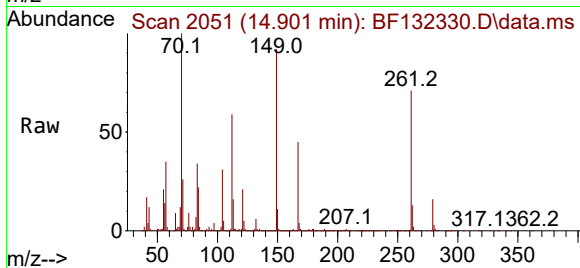
Tgt Ion:149 Resp: 452808

Ion Ratio Lower Upper

149 100

167 49.1 1.2 1.8#

43 13.7 5.9 8.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.848 min Scan# 2212

Delta R.T. -0.006 min

Lab File: BF132330.D

Acq: 03 Feb 2023 19:38

Tgt Ion:264 Resp: 380814

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 21.3 17.4 26.2

