

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132306.D
 Acq On : 02 Feb 2023 22:52
 Operator : CG\JU
 Sample : 01371-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2-RT-15-N

Quant Time: Feb 03 00:27:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 01:30:34 2023
 Response via : Initial Calibration

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

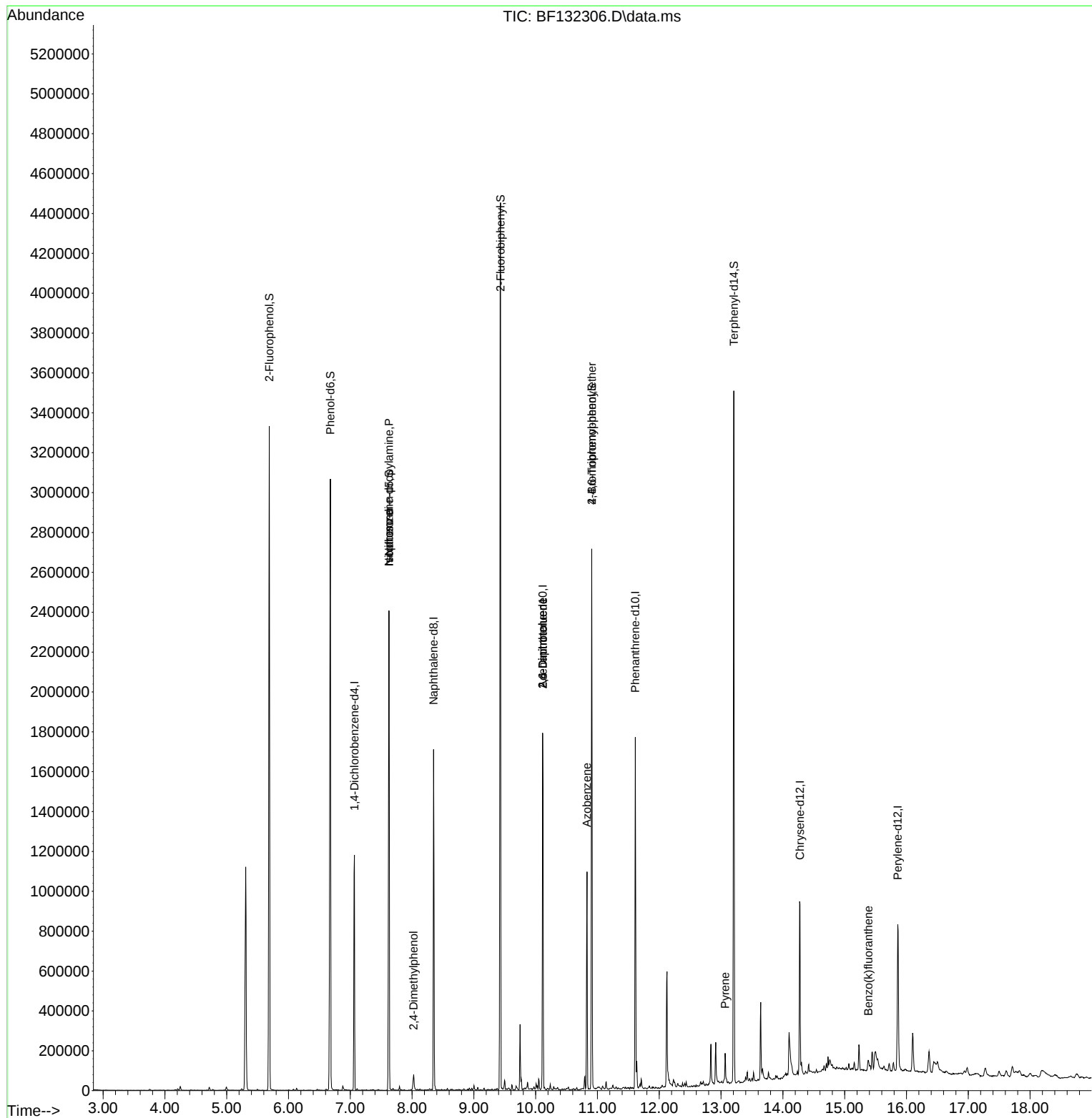
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	187375	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	719153	20.000	ng	-0.01
39) Acenaphthene-d10	10.113	164	354322	20.000	ng	-0.01
64) Phenanthrene-d10	11.613	188	594750	20.000	ng	-0.01
76) Chrysene-d12	14.277	240	293806	20.000	ng	-0.01
86) Perylene-d12	15.860	264	350572	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	1099196	94.295	ng	0.00
7) Phenol-d6	6.678	99	1331006	92.614	ng	0.00
23) Nitrobenzene-d5	7.625	82	807899	62.514	ng	-0.01
42) 2,4,6-Tribromophenol	10.907	330	327575	89.901	ng	-0.01
45) 2-Fluorobiphenyl	9.431	172	1450800	63.231	ng	0.00
79) Terphenyl-d14	13.207	244	1137894	74.919	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.613	77	600	Below Cal	#	80
19) n-Nitroso-di-n-propyla...	7.625	70	99577	12.198	ng	# 77
25) Isophorone	7.625	82	807888	32.936	ng	# 64
27) 2,4-Dimethylphenol	8.025	122	24038	2.135	ng	# 4
51) 2,6-Dinitrotoluene	10.113	165	46583	8.415	ng	# 24
57) 2,4-Dinitrotoluene	10.113	165	46583	6.478	ng	# 23
63) Azobenzene	10.831	77	167864	6.989	ng	# 1
67) 4-Bromophenyl-phenylether	10.907	248	18968	3.115	ng	# 1
78) Pyrene	13.066	202	53167	2.250	ng	98
89) Benzo(k)fluoranthene	15.383	252	44408	2.088	ng	# 95

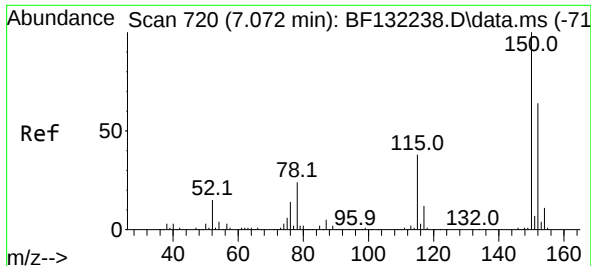
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
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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 : Thu Feb 02 01:30:34 2023
Response via : Initial Calibration

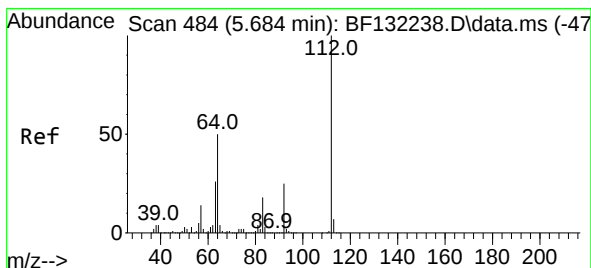
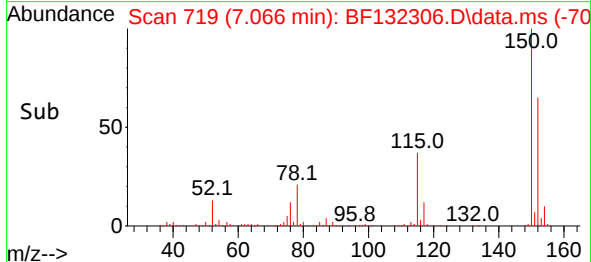
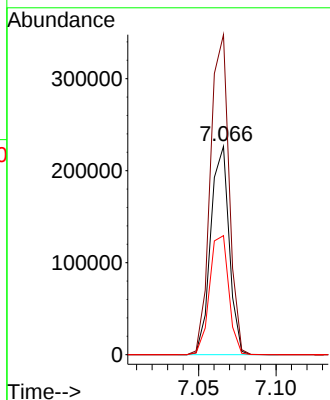
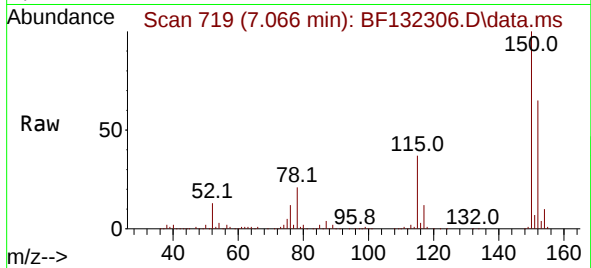




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.066 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF132306.D
 Acq: 02 Feb 2023 22:52

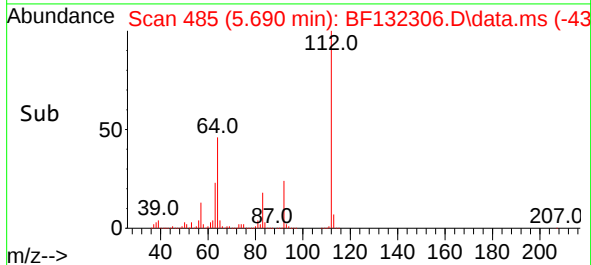
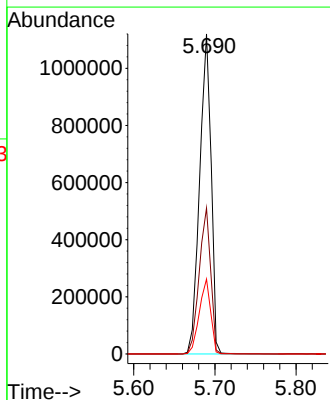
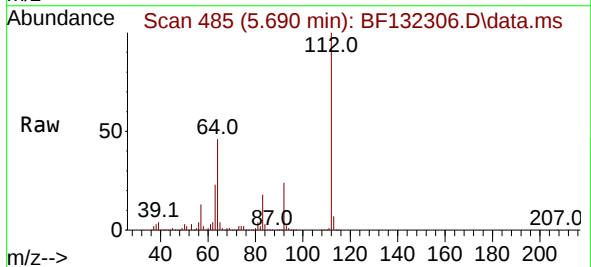
Instrument :
 BNA_F
 ClientSampleId :
 2-RT-15-N

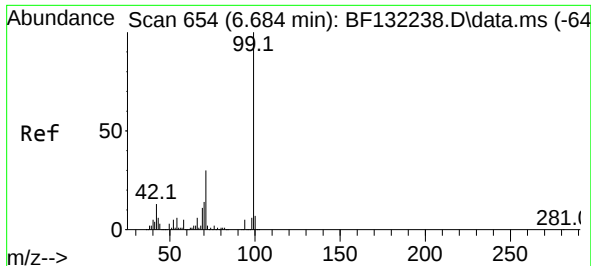
Tgt Ion:152 Resp: 187375
 Ion Ratio Lower Upper
 152 100
 150 153.6 124.2 186.2
 115 57.1 47.3 70.9



#5
 2-Fluorophenol
 Concen: 94.295 ng
 RT: 5.690 min Scan# 485
 Delta R.T. 0.006 min
 Lab File: BF132306.D
 Acq: 02 Feb 2023 22:52

Tgt Ion:112 Resp: 1099196
 Ion Ratio Lower Upper
 112 100
 64 45.6 40.0 60.0
 63 23.4 20.5 30.7

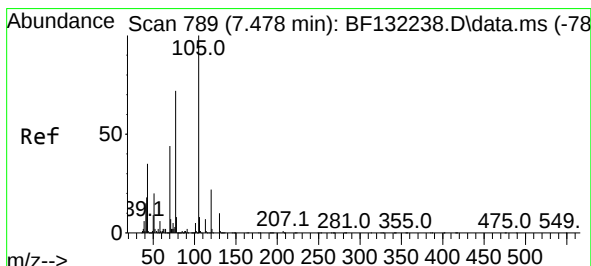
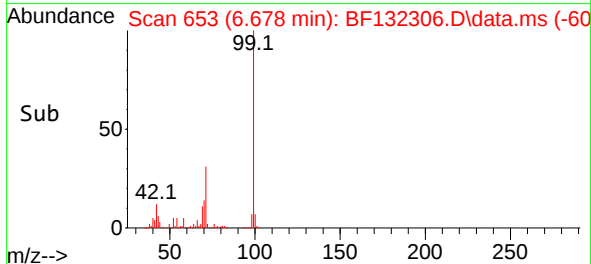
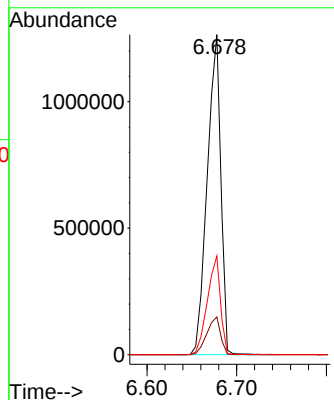
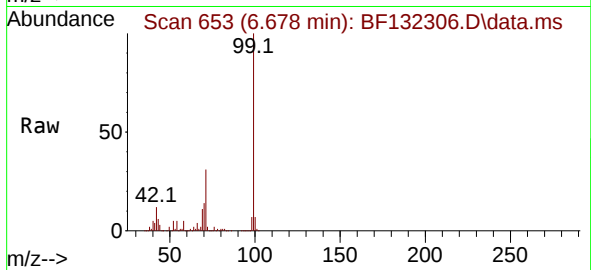




#7
Phenol-d6
Concen: 92.614 ng
RT: 6.678 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132306.D
Acq: 02 Feb 2023 22:52

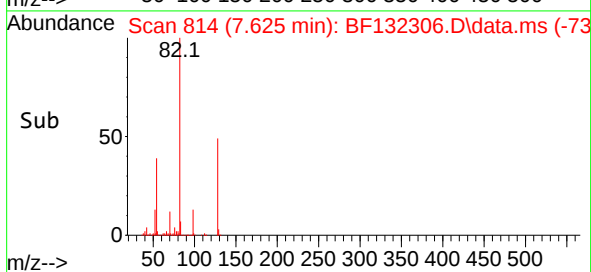
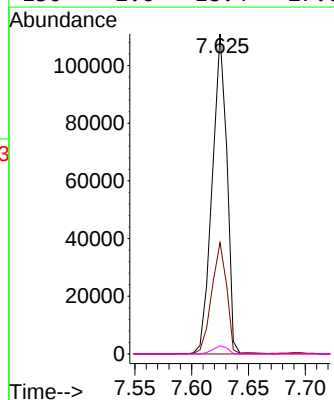
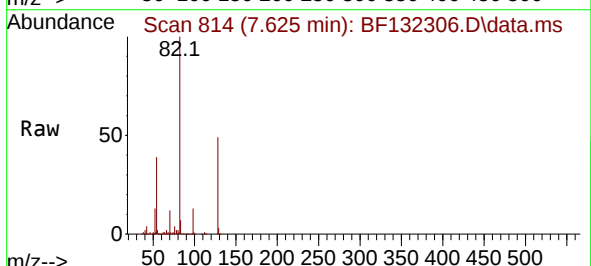
Instrument :
BNA_F
ClientSampleId :
2-RT-15-N

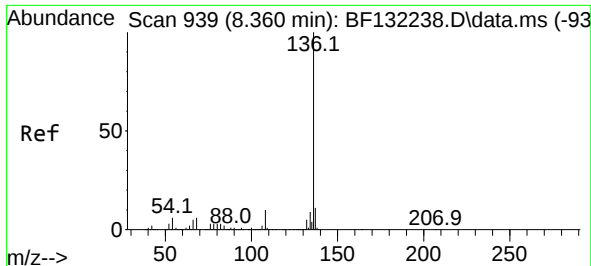
Tgt Ion: 99 Resp: 1331006
Ion Ratio Lower Upper
99 100
42 11.8 10.1 15.1
71 30.9 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.198 ng
RT: 7.625 min Scan# 814
Delta R.T. 0.147 min
Lab File: BF132306.D
Acq: 02 Feb 2023 22:52

Tgt Ion: 70 Resp: 99577
Ion Ratio Lower Upper
70 100
42 34.8 33.4 50.0
101 0.0 8.2 12.4#
130 2.6 18.4 27.6#



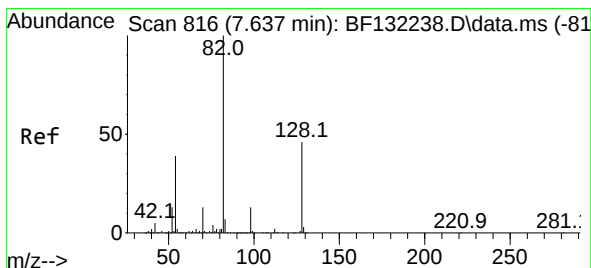
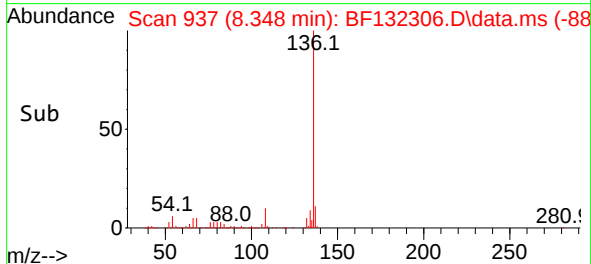
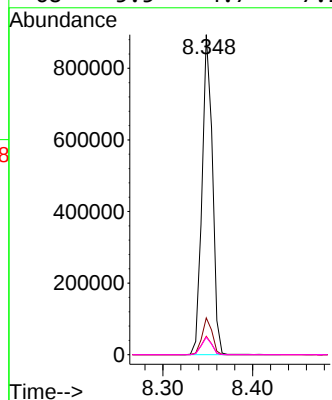
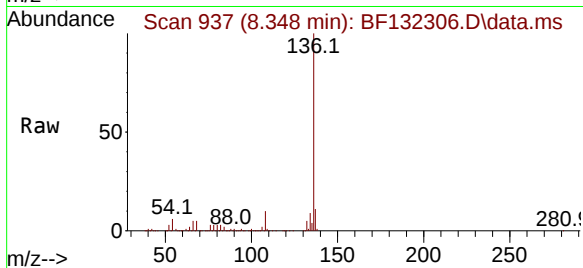


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.348 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF132306.D
Acq: 02 Feb 2023 22:52

Instrument :
BNA_F
ClientSampleId :
2-RT-15-N

Tgt Ion:136 Resp: 719153

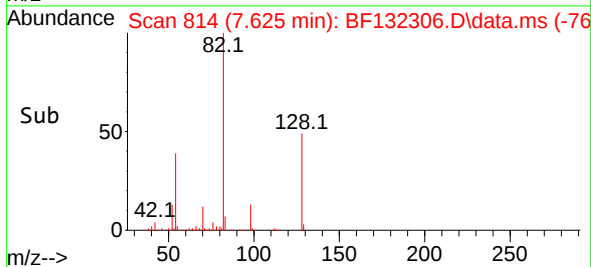
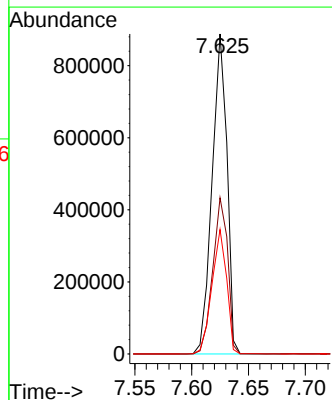
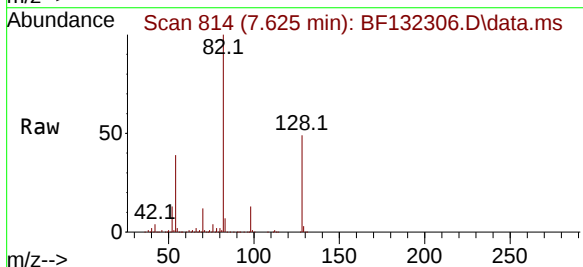
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	5.8	4.9	7.3
68	5.5	4.7	7.1

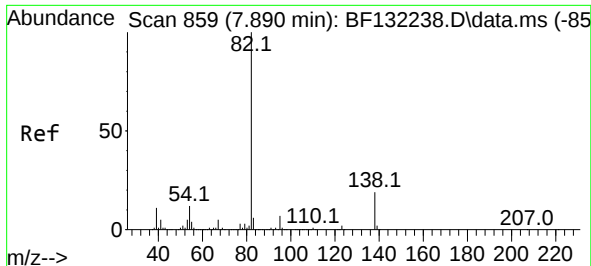


#23
Nitrobenzene-d5
Concen: 62.514 ng
RT: 7.625 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF132306.D
Acq: 02 Feb 2023 22:52

Tgt Ion: 82 Resp: 807899

Ion	Ratio	Lower	Upper
82	100		
128	48.8	37.0	55.4
54	38.9	31.5	47.3

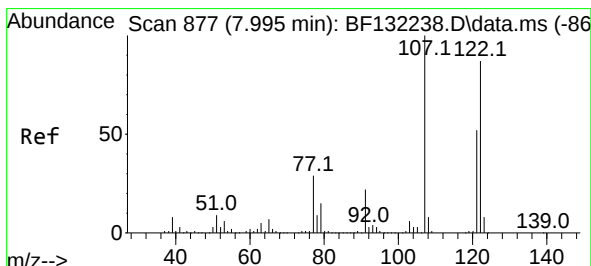
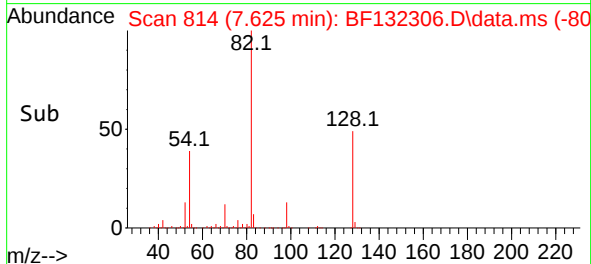
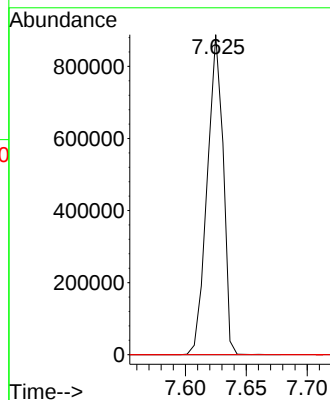
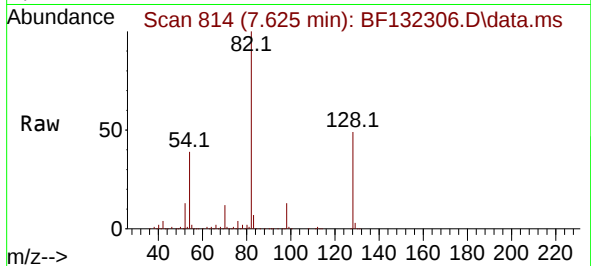




#25
Isophorone
Concen: 32.936 ng
RT: 7.625 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF132306.D
Acq: 02 Feb 2023 22:52

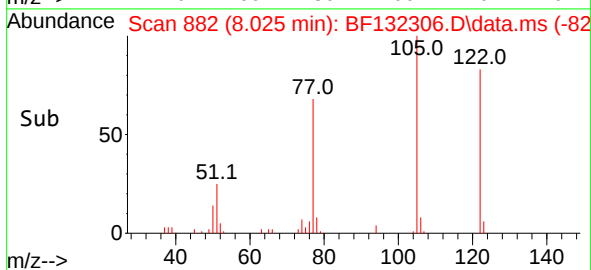
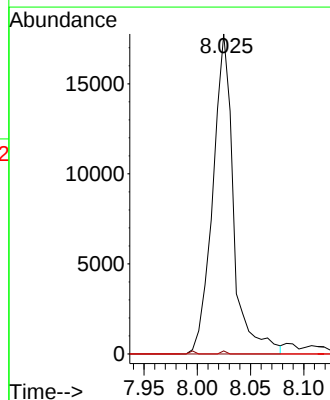
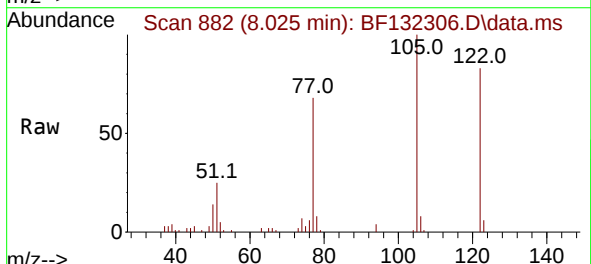
Instrument :
BNA_F
ClientSampleId :
2-RT-15-N

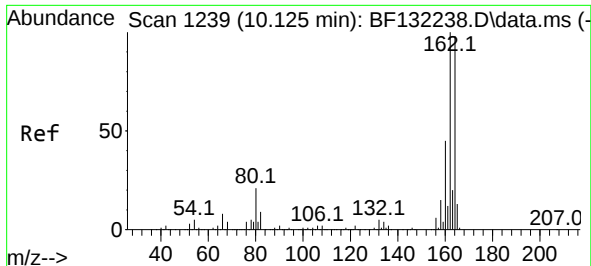
Tgt Ion: 82 Resp: 807888
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#27
2,4-Dimethylphenol
Concen: 2.135 ng
RT: 8.025 min Scan# 882
Delta R.T. 0.029 min
Lab File: BF132306.D
Acq: 02 Feb 2023 22:52

Tgt Ion: 122 Resp: 24038
Ion Ratio Lower Upper
122 100
107 1.0 91.9 137.9#
121 0.0 47.8 71.8#

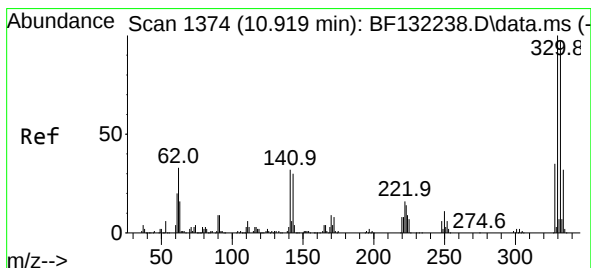
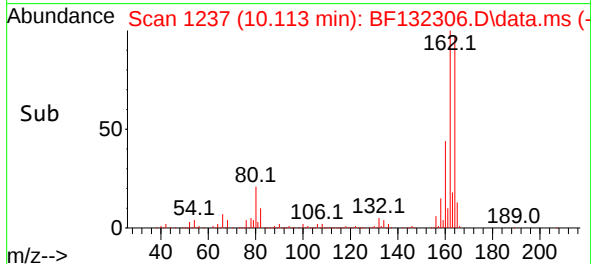
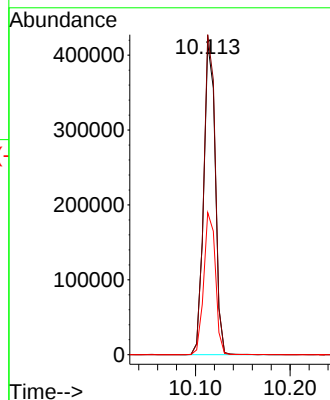
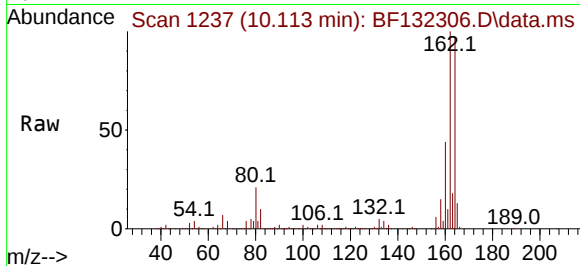




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.113 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF132306.D
Acq: 02 Feb 2023 22:52

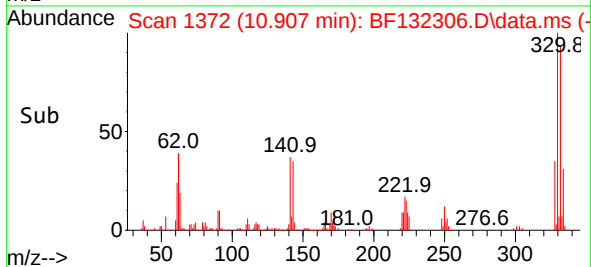
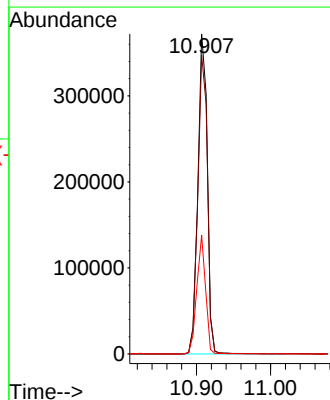
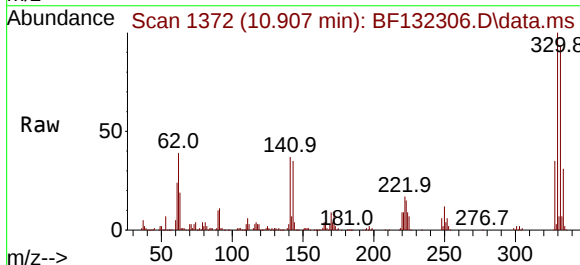
Instrument :
BNA_F
ClientSampleId :
2-RT-15-N

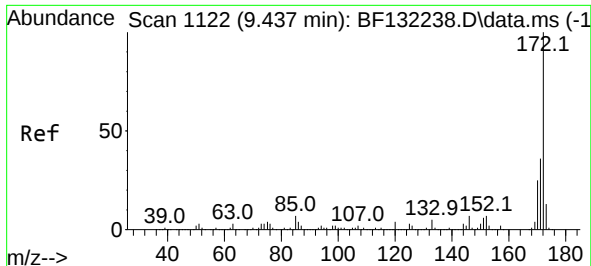
Tgt Ion:164 Resp: 354322
Ion Ratio Lower Upper
164 100
162 102.8 82.0 123.0
160 45.6 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 89.901 ng
RT: 10.907 min Scan# 1372
Delta R.T. -0.012 min
Lab File: BF132306.D
Acq: 02 Feb 2023 22:52

Tgt Ion:330 Resp: 327575
Ion Ratio Lower Upper
330 100
332 95.3 77.9 116.9
141 34.8 31.0 46.4





#45

2-Fluorobiphenyl

Concen: 63.231 ng

RT: 9.431 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF132306.D

Acq: 02 Feb 2023 22:52

Instrument :

BNA_F

ClientSampleId :

2-RT-15-N

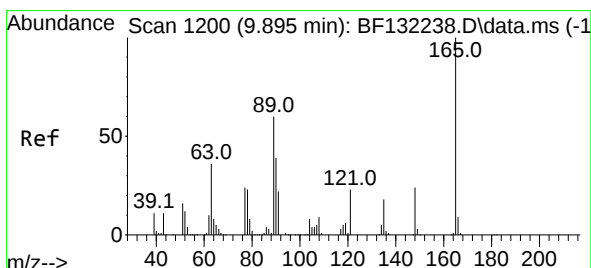
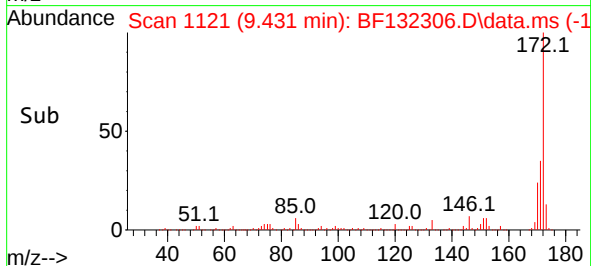
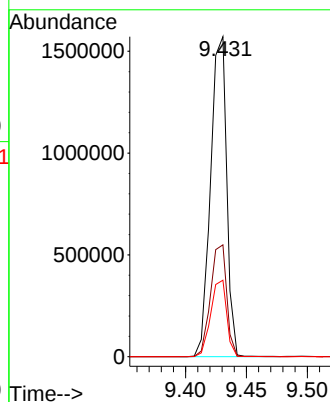
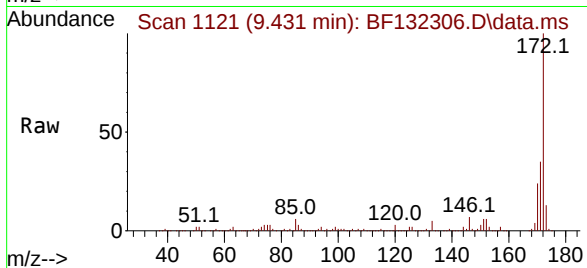
Tgt Ion:172 Resp: 1450800

Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 23.9 19.7 29.5



#51

2,6-Dinitrotoluene

Concen: 8.415 ng

RT: 10.113 min Scan# 1237

Delta R.T. 0.218 min

Lab File: BF132306.D

Acq: 02 Feb 2023 22:52

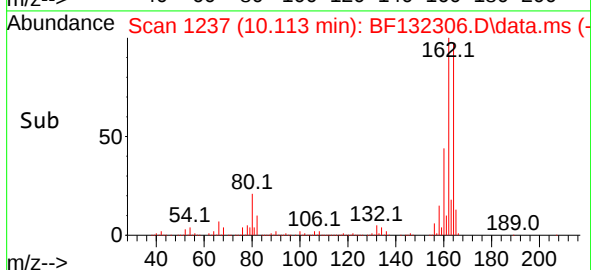
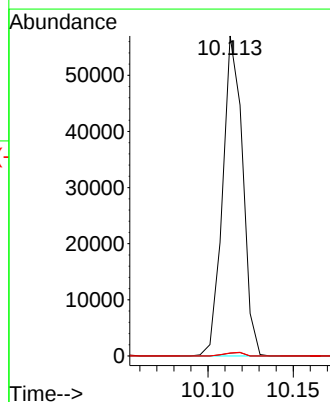
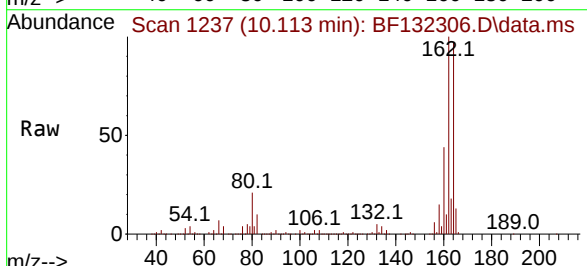
Tgt Ion:165 Resp: 46583

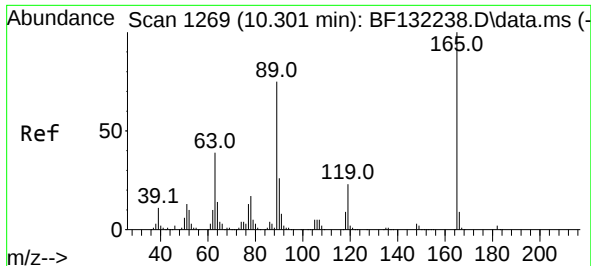
Ion Ratio Lower Upper

165 100

63 0.8 41.5 62.3#

89 1.0 48.1 72.1#

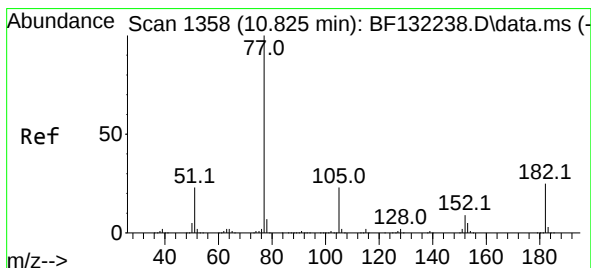
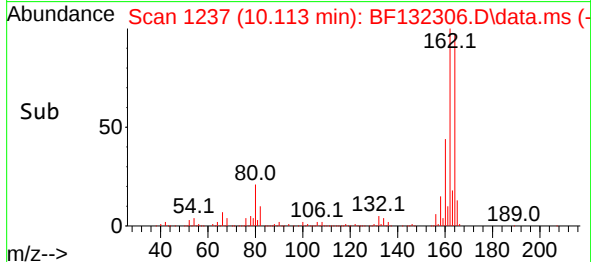
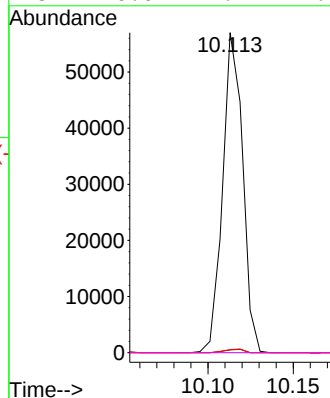
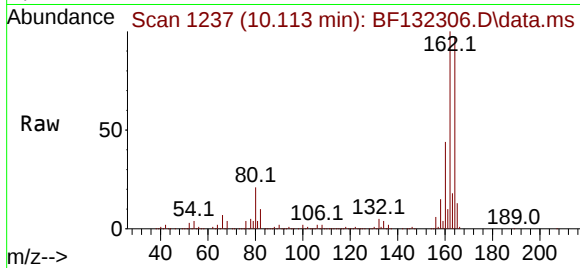




#57
2,4-Dinitrotoluene
Concen: 6.478 ng
RT: 10.113 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132306.D
Acq: 02 Feb 2023 22:52

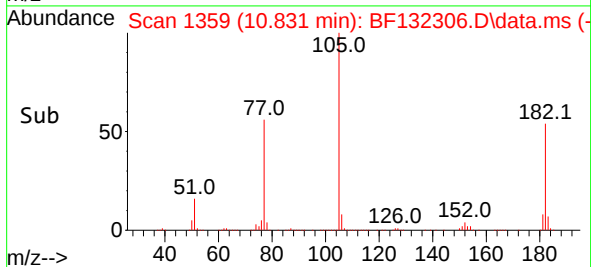
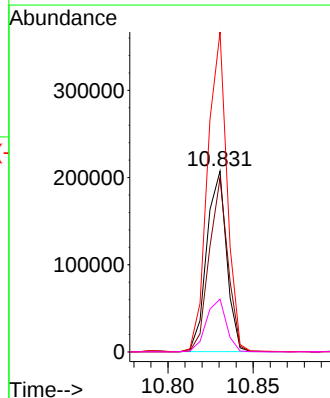
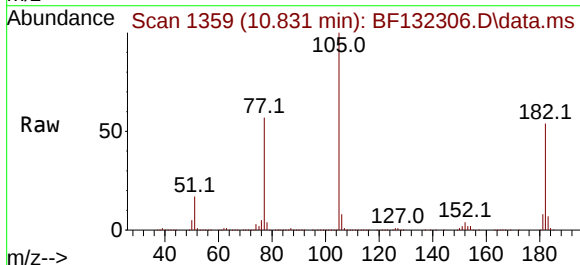
Instrument :
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2-RT-15-N

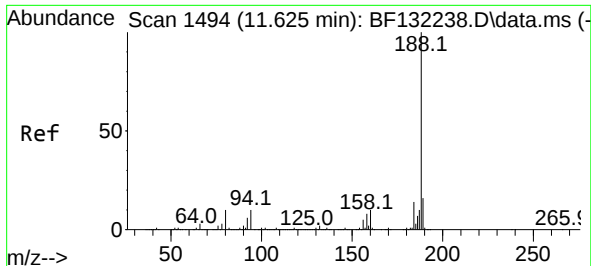
Tgt Ion:165 Resp: 46583
Ion Ratio Lower Upper
165 100
63 0.8 30.9 46.3#
89 1.0 60.1 90.1#
182 0.0 1.9 2.9#



#63
Azobenzene
Concen: 6.989 ng
RT: 10.831 min Scan# 1359
Delta R.T. 0.006 min
Lab File: BF132306.D
Acq: 02 Feb 2023 22:52

Tgt Ion: 77 Resp: 167864
Ion Ratio Lower Upper
77 100
182 96.2 4.5 44.5#
105 177.0 2.7 42.7#
51 29.2 2.8 42.8

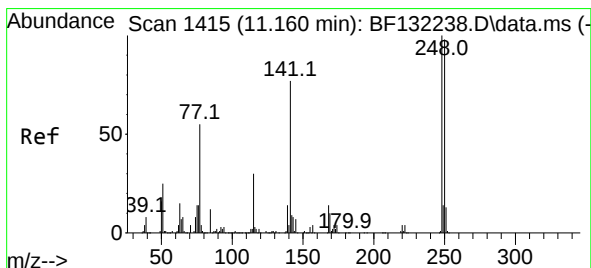
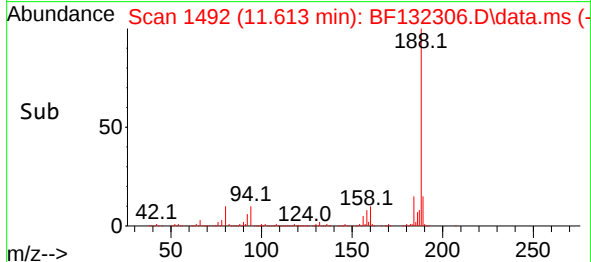
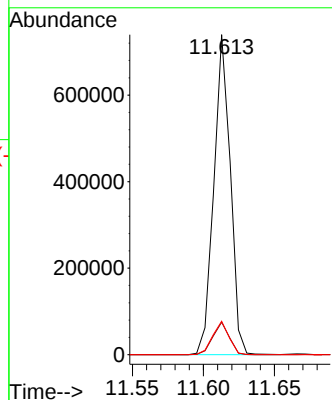
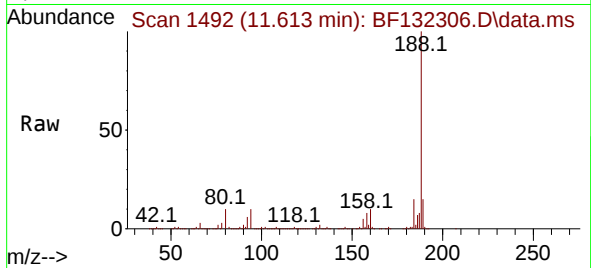




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.613 min Scan# 1494
Delta R.T. -0.012 min
Lab File: BF132306.D
Acq: 02 Feb 2023 22:52

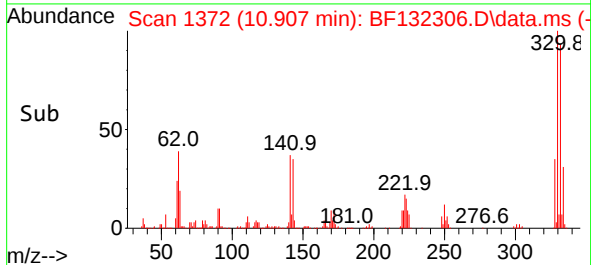
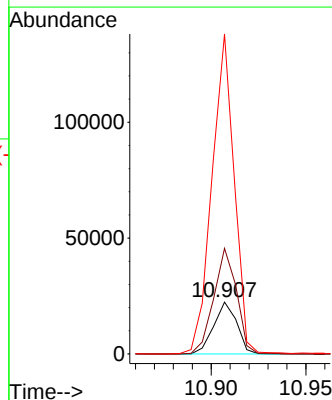
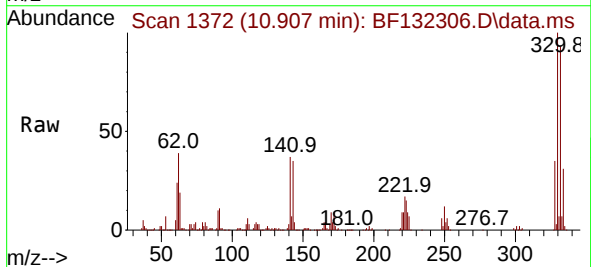
Instrument :
BNA_F
ClientSampleId :
2-RT-15-N

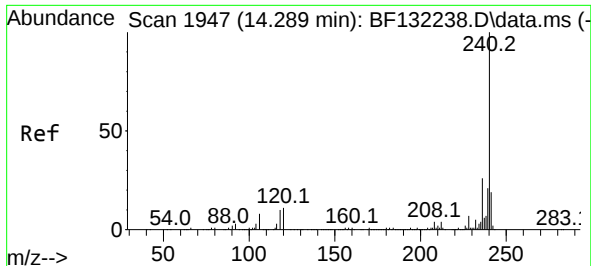
Tgt Ion:188 Resp: 594750
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.2
80 10.5 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 3.115 ng
RT: 10.907 min Scan# 1372
Delta R.T. -0.253 min
Lab File: BF132306.D
Acq: 02 Feb 2023 22:52

Tgt Ion:248 Resp: 18968
Ion Ratio Lower Upper
248 100
250 203.8 78.6 117.8#
141 617.0 61.6 92.4#

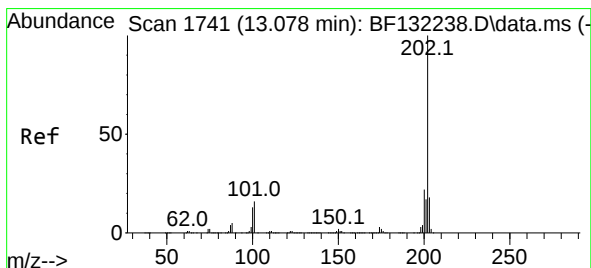
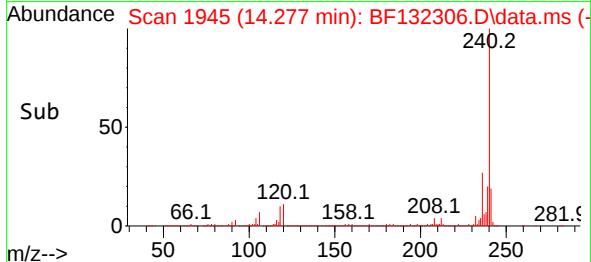
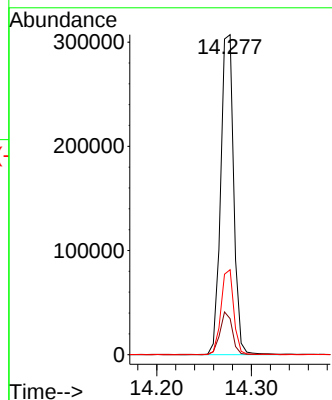
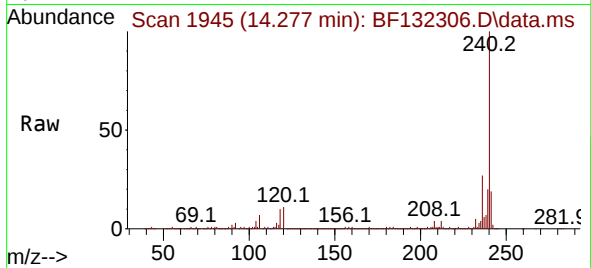




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.277 min Scan# 1945
Delta R.T. -0.012 min
Lab File: BF132306.D
Acq: 02 Feb 2023 22:52

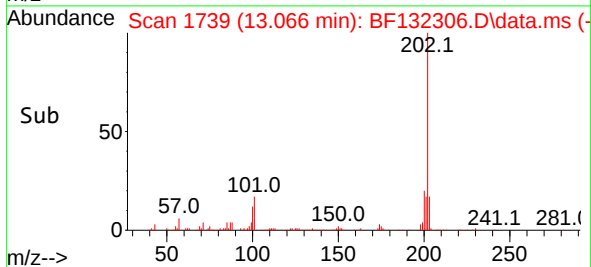
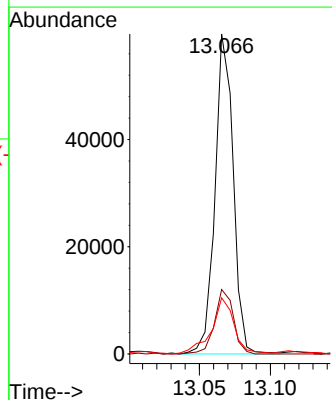
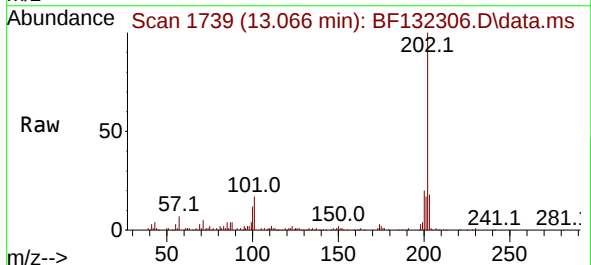
Instrument :
BNA_F
ClientSampleId :
2-RT-15-N

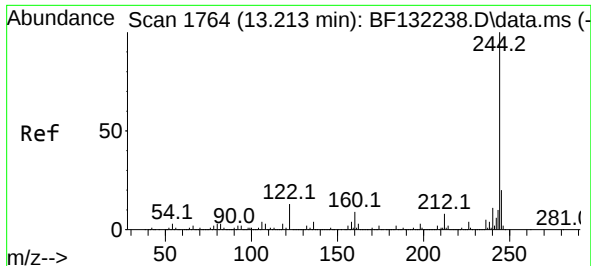
Tgt Ion:240 Resp: 293806
Ion Ratio Lower Upper
240 100
120 11.3 8.8 13.2
236 26.6 21.0 31.6



#78
Pyrene
Concen: 2.250 ng
RT: 13.066 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BF132306.D
Acq: 02 Feb 2023 22:52

Tgt Ion:202 Resp: 53167
Ion Ratio Lower Upper
202 100
200 20.2 17.3 25.9
203 17.5 14.4 21.6

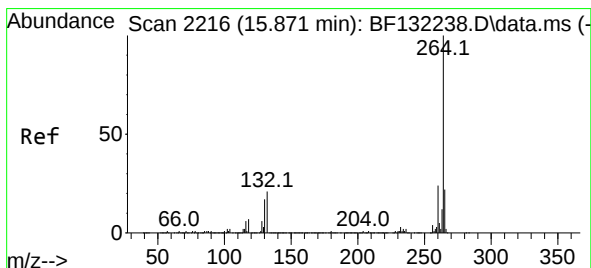
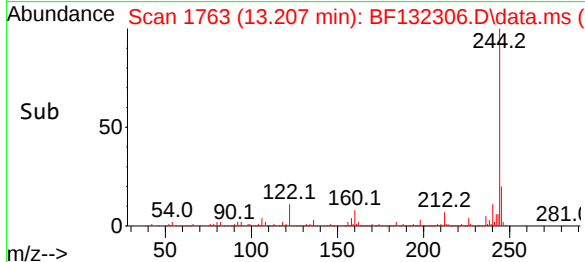
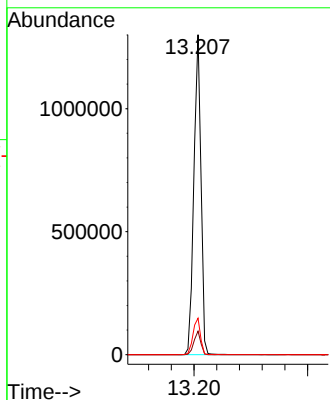
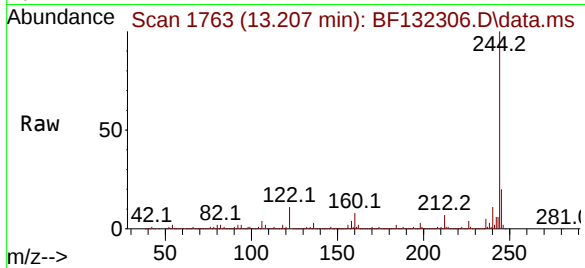




#79
 Terphenyl-d14
 Concen: 74.919 ng
 RT: 13.207 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF132306.D
 Acq: 02 Feb 2023 22:52

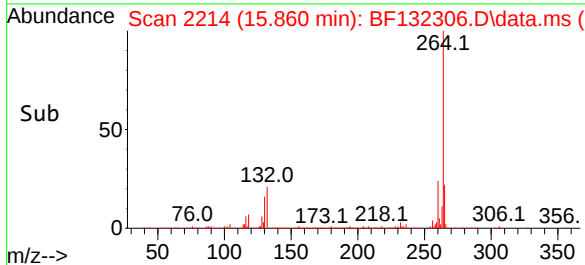
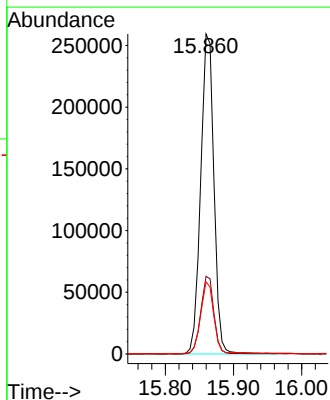
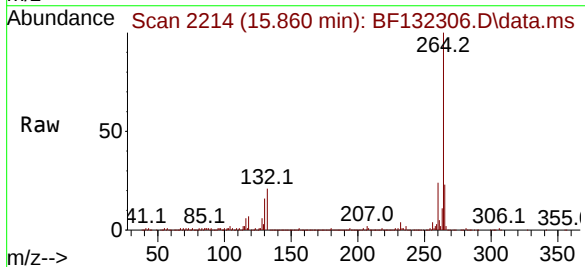
Instrument :
 BNA_F
 ClientSampleId :
 2-RT-15-N

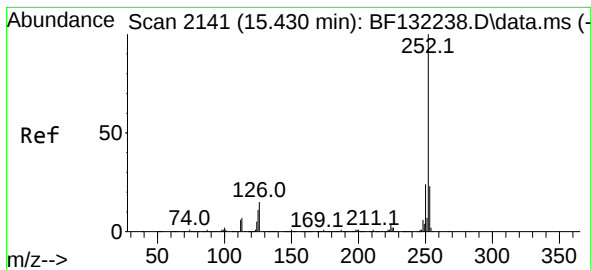
Tgt Ion:244 Resp: 1137894
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.4 9.6
 122 11.4 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.860 min Scan# 2214
 Delta R.T. -0.012 min
 Lab File: BF132306.D
 Acq: 02 Feb 2023 22:52

Tgt Ion:264 Resp: 350572
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.4
 265 22.6 17.4 26.2





#89

Benzo(k)fluoranthene

Concen: 2.088 ng

RT: 15.383 min Scan# 21

Delta R.T. -0.047 min

Lab File: BF132306.D

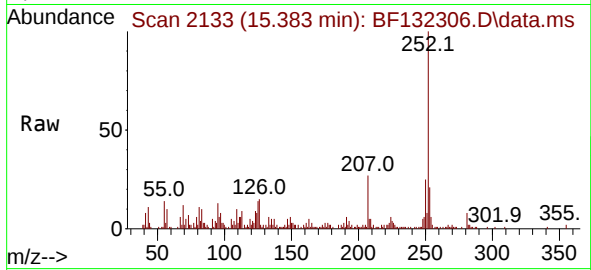
Acq: 02 Feb 2023 22:52

Instrument :

BNA_F

ClientSampleId :

2-RT-15-N



Tgt Ion:252 Resp: 44408

Ion Ratio Lower Upper

252 100

253 21.1 18.2 27.2

125 14.3 9.0 13.6#

