

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
 Data File : BF130419.D
 Acq On : 26 Sep 2022 21:31
 Operator : CG\JU
 Sample : N4765-01 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-092222

Quant Time: Sep 27 01:08:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 01:00:47 2022
 Response via : Initial Calibration

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

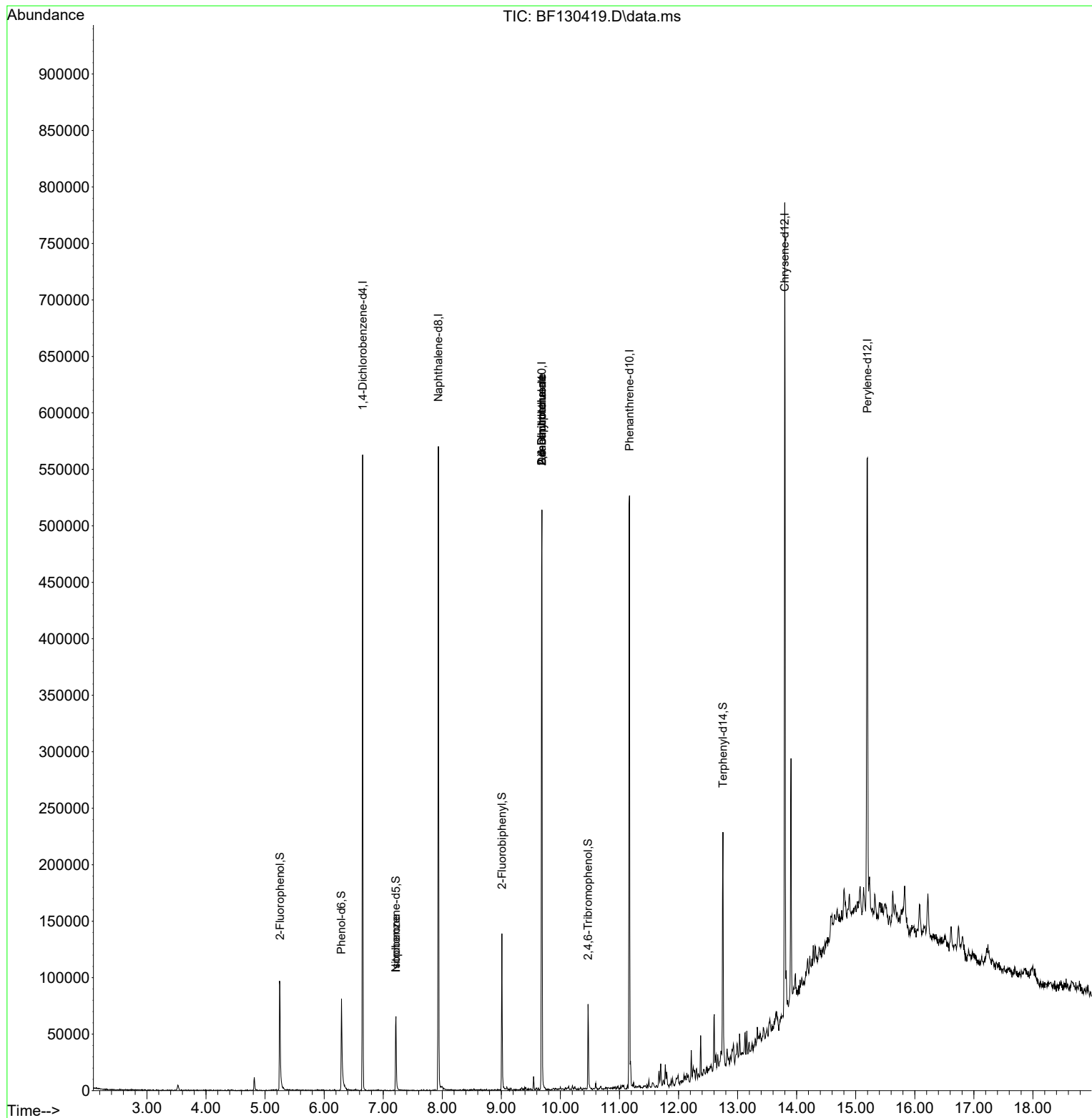
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	71123	20.000	ng	0.00
21) Naphthalene-d8	7.934	136	222467	20.000	ng	0.00
39) Acenaphthene-d10	9.687	164	105118	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	197930	20.000	ng	0.00
76) Chrysene-d12	13.798	240	227833	20.000	ng	0.00
86) Perylene-d12	15.198	264	179883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.252	112	35309	8.611	ng	0.00
7) Phenol-d6	6.293	99	36552	7.124	ng	0.00
23) Nitrobenzene-d5	7.216	82	22319	5.125	ng	0.00
42) 2,4,6-Tribromophenol	10.469	330	8887	8.823	ng	-0.01
45) 2-Fluorobiphenyl	9.010	172	40359	5.591	ng	0.00
79) Terphenyl-d14	12.751	244	58891	4.282	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.216	82	22319	3.180	ng	# 66
50) Dimethylphthalate	9.687	163	20488	2.822	ng	# 1
51) 2,6-Dinitrotoluene	9.687	165	13451	8.858	ng	# 16
57) 2,4-Dinitrotoluene	9.687	165	13451	6.931	ng	# 16

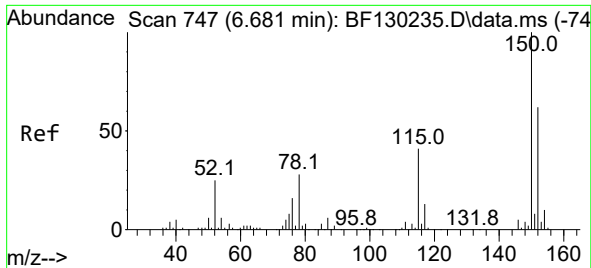
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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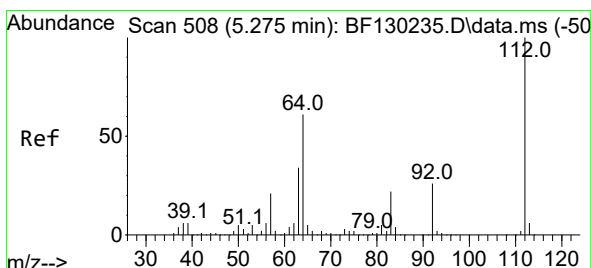
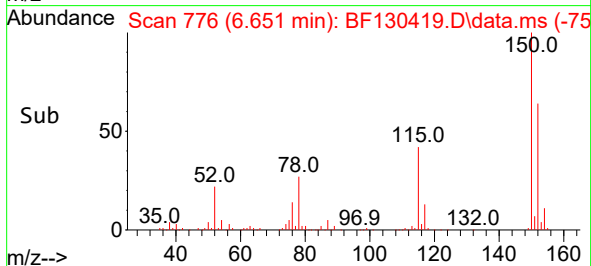
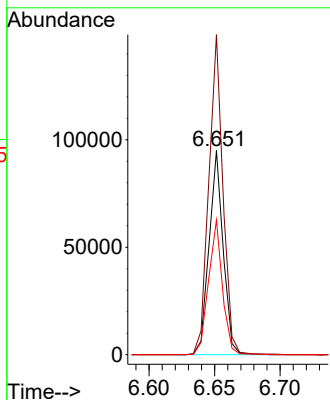
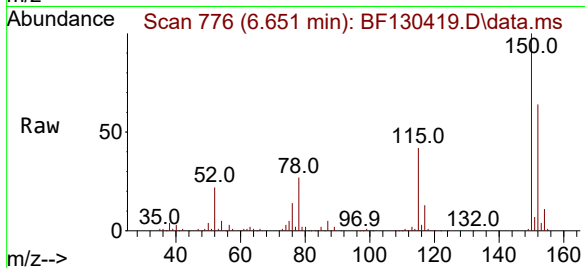




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.651 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130419.D
 Acq: 26 Sep 2022 21:31

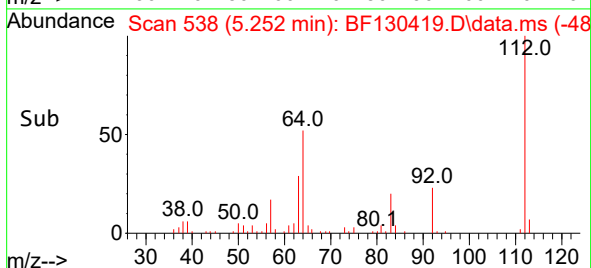
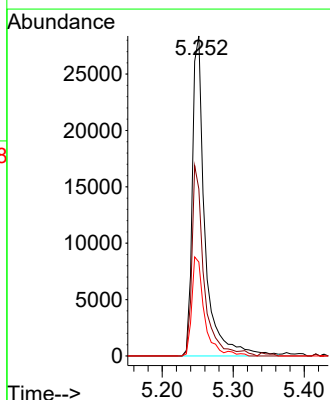
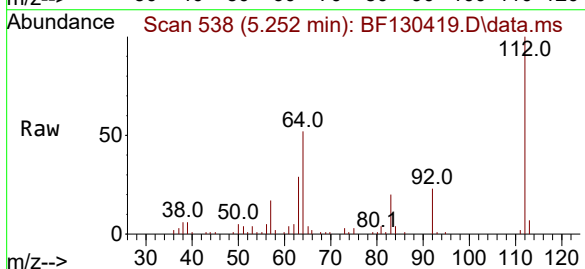
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-092222

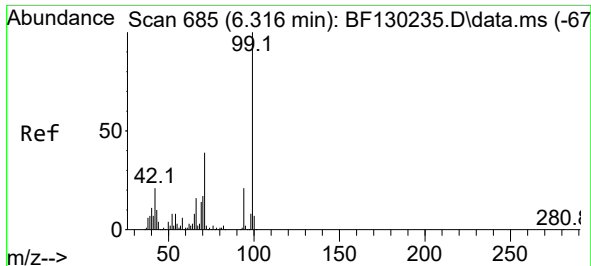
Tgt Ion:152 Resp: 71123
 Ion Ratio Lower Upper
 152 100
 150 156.8 122.8 184.2
 115 65.9 53.8 80.8



#5
 2-Fluorophenol
 Concen: 8.611 ng
 RT: 5.252 min Scan# 538
 Delta R.T. 0.006 min
 Lab File: BF130419.D
 Acq: 26 Sep 2022 21:31

Tgt Ion:112 Resp: 35309
 Ion Ratio Lower Upper
 112 100
 64 52.2 51.4 77.0
 63 29.3 28.8 43.2

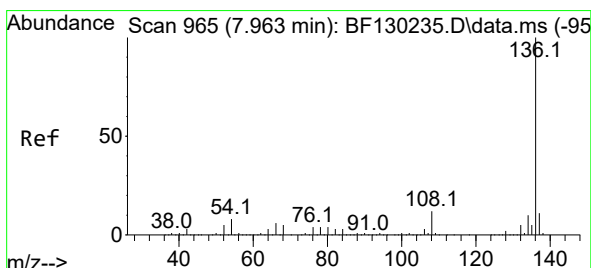
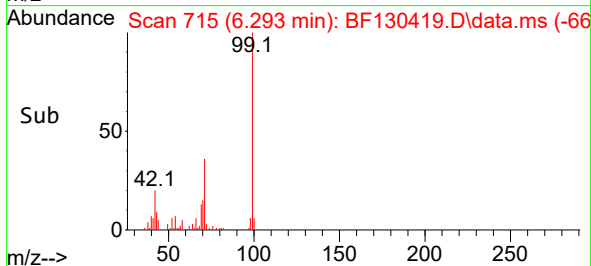
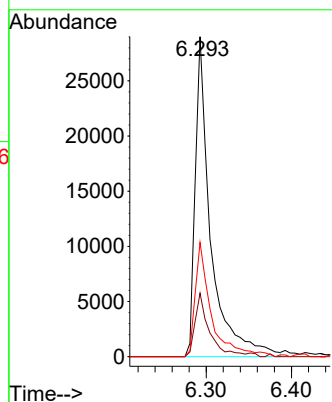
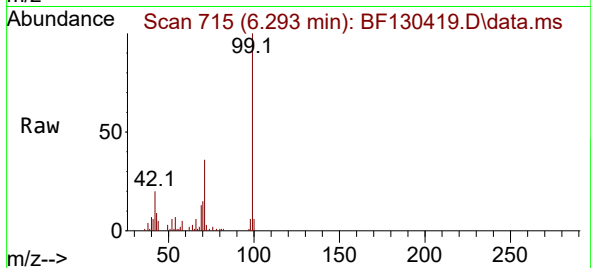




#7
Phenol-d6
Concen: 7.124 ng
RT: 6.293 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130419.D
Acq: 26 Sep 2022 21:31

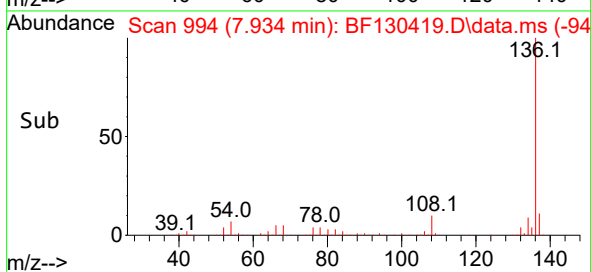
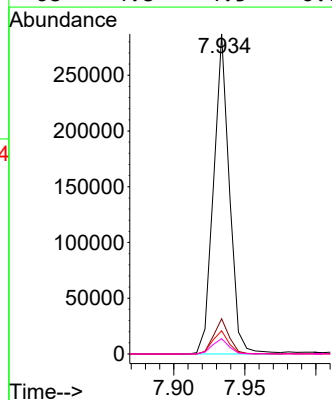
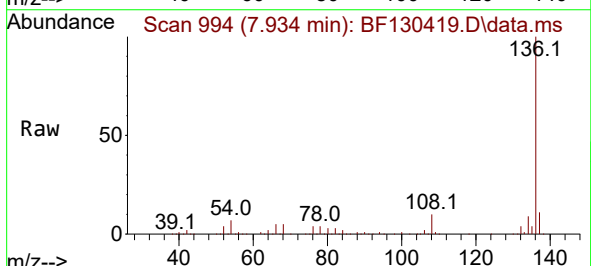
Instrument :
BNA_F
ClientSampleId :
OK-01-092222

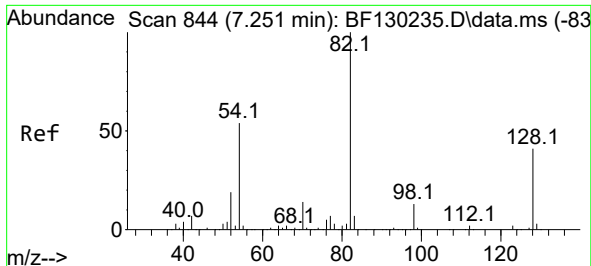
Tgt Ion: 99 Resp: 36552
Ion Ratio Lower Upper
99 100
42 19.9 17.0 25.6
71 35.7 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF130419.D
Acq: 26 Sep 2022 21:31

Tgt Ion: 136 Resp: 222467
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.3 7.1 10.7
68 4.8 4.5 6.7

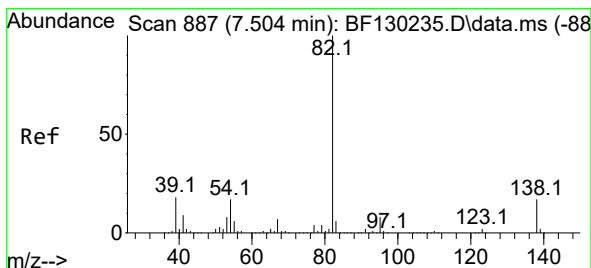
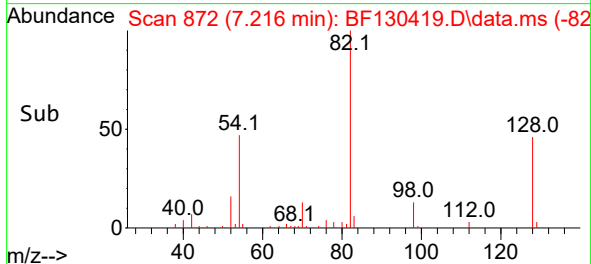
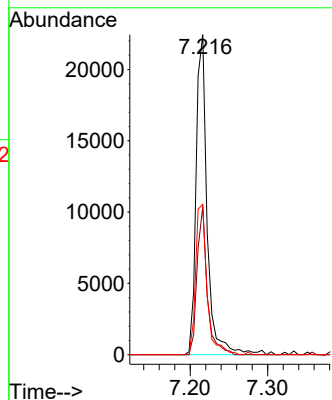
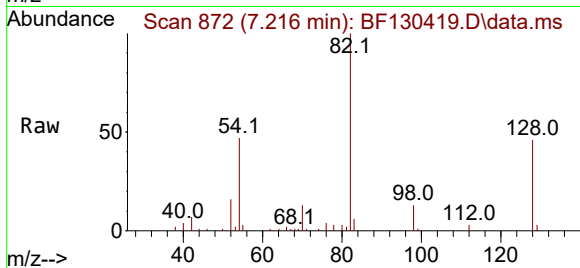




#23
Nitrobenzene-d5
Concen: 5.125 ng
RT: 7.216 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130419.D
Acq: 26 Sep 2022 21:31

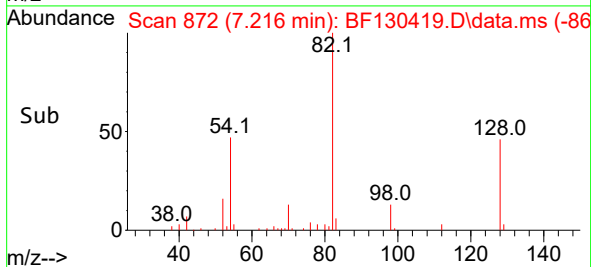
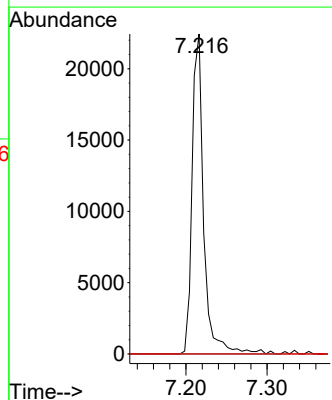
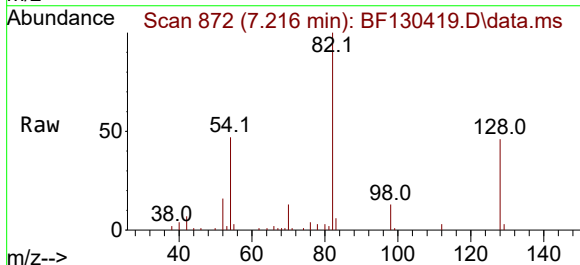
Instrument :
BNA_F
ClientSampleId :
OK-01-092222

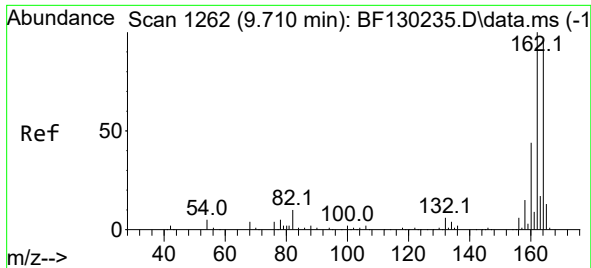
Tgt Ion: 82 Resp: 22319
Ion Ratio Lower Upper
82 100
128 46.2 32.6 49.0
54 47.0 43.8 65.6



#25
Isophorone
Concen: 3.180 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.265 min
Lab File: BF130419.D
Acq: 26 Sep 2022 21:31

Tgt Ion: 82 Resp: 22319
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#

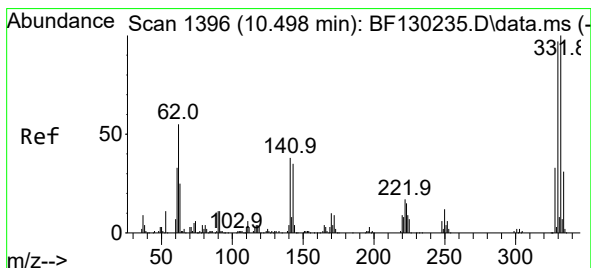
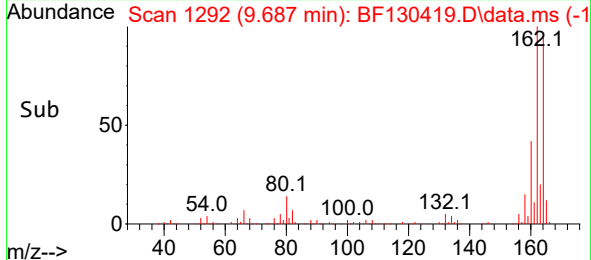
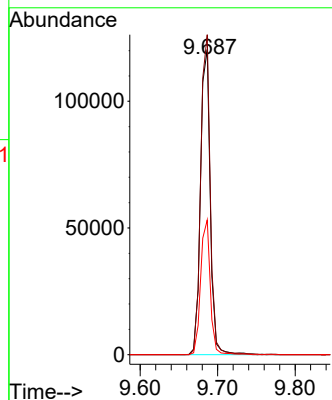
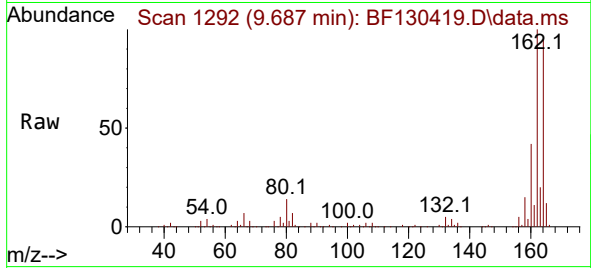




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130419.D
Acq: 26 Sep 2022 21:31

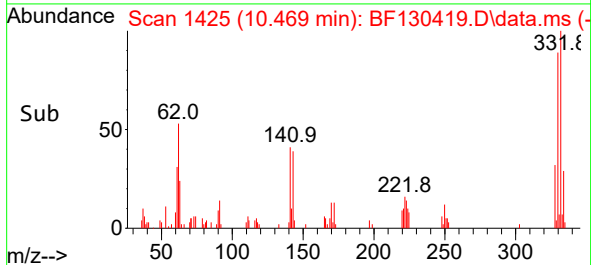
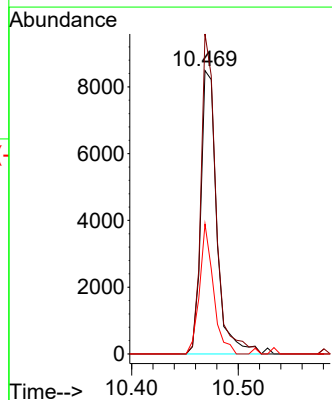
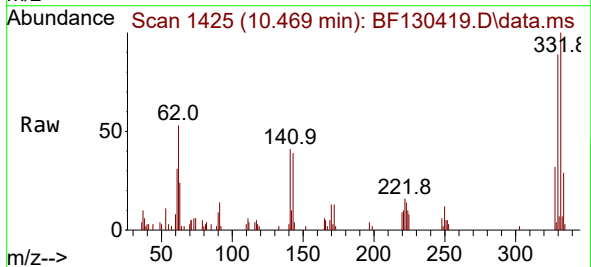
Instrument :
BNA_F
ClientSampleId :
OK-01-092222

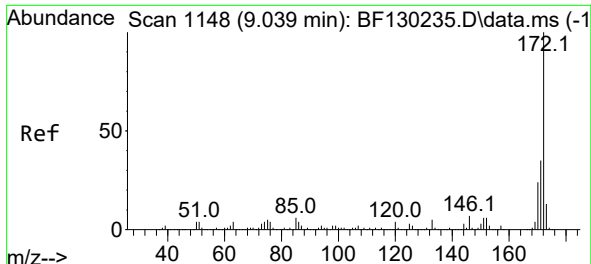
Tgt Ion:164 Resp: 105118
Ion Ratio Lower Upper
164 100
162 104.8 81.4 122.0
160 44.1 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 8.823 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF130419.D
Acq: 26 Sep 2022 21:31

Tgt Ion:330 Resp: 8887
Ion Ratio Lower Upper
330 100
332 105.9 83.4 125.2
141 39.7 34.0 51.0





#45

2-Fluorobiphenyl

Concen: 5.591 ng

RT: 9.010 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF130419.D

Acq: 26 Sep 2022 21:31

Instrument :

BNA_F

ClientSampleId :

OK-01-092222

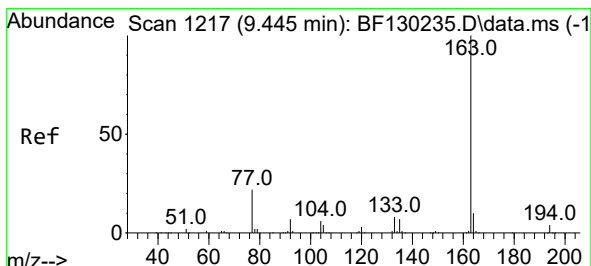
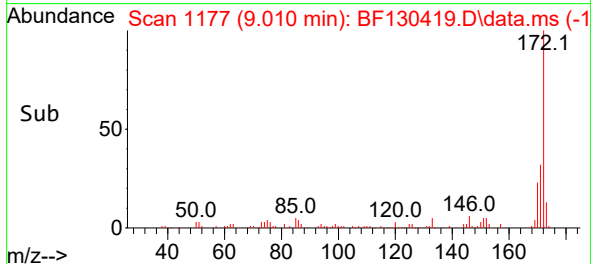
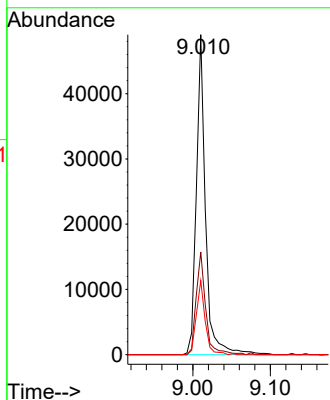
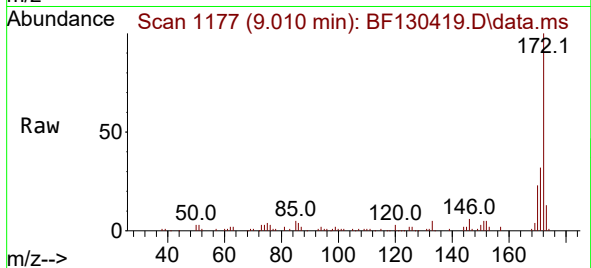
Tgt Ion:172 Resp: 40359

Ion Ratio Lower Upper

172 100

171 32.1 28.3 42.5

170 23.1 18.7 28.1



#50

Dimethylphthalate

Concen: 2.822 ng

RT: 9.687 min Scan# 1292

Delta R.T. 0.265 min

Lab File: BF130419.D

Acq: 26 Sep 2022 21:31

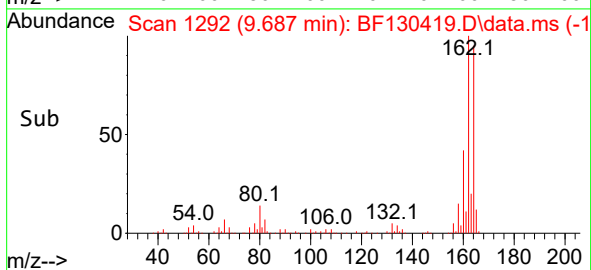
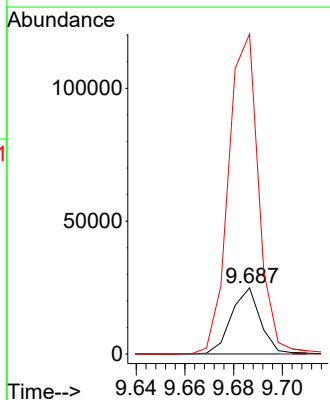
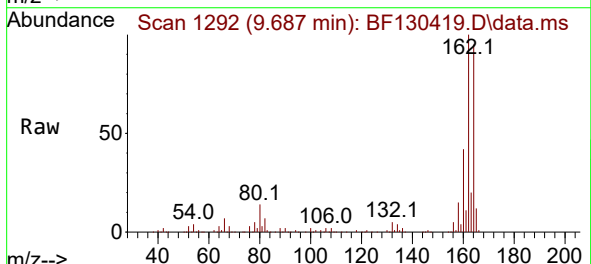
Tgt Ion:163 Resp: 20488

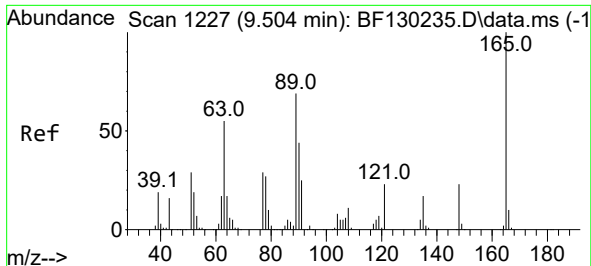
Ion Ratio Lower Upper

163 100

194 0.0 2.8 4.2#

164 483.7 8.2 12.2#

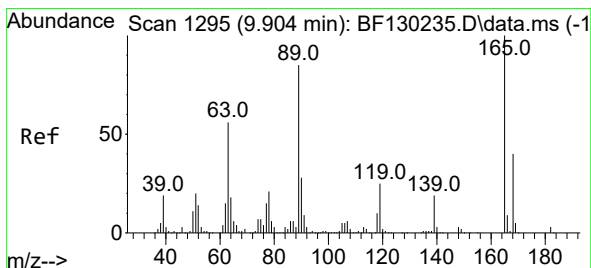
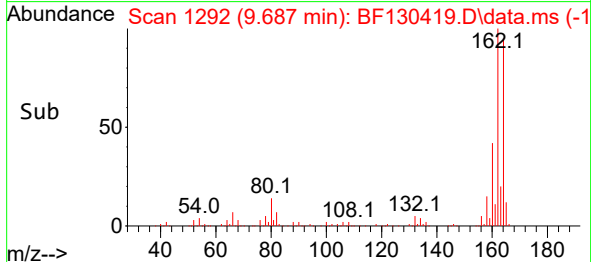
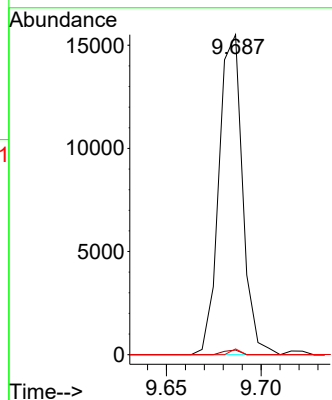
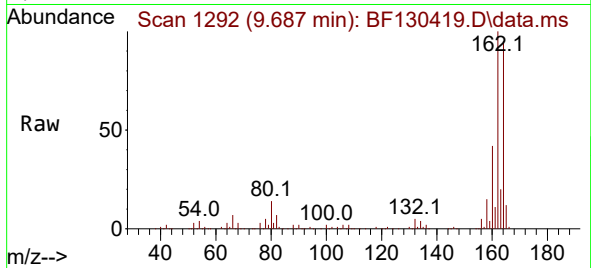




#51
2,6-Dinitrotoluene
Concen: 8.858 ng
RT: 9.687 min Scan# 1292
Delta R.T. 0.200 min
Lab File: BF130419.D
Acq: 26 Sep 2022 21:31

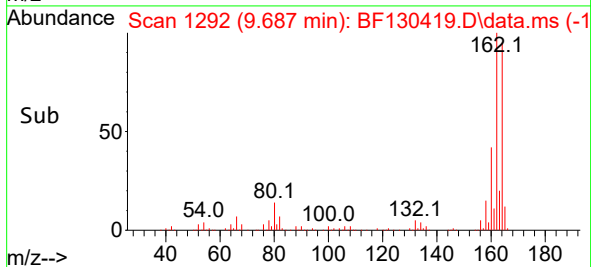
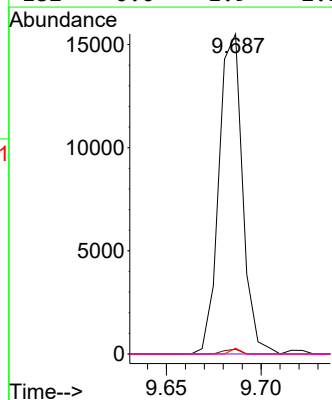
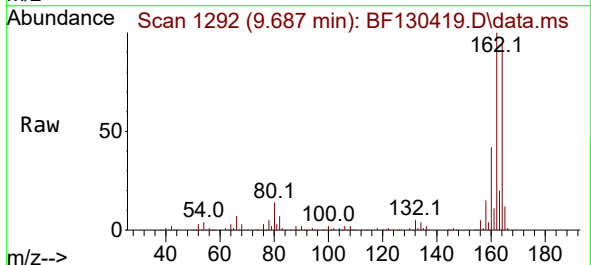
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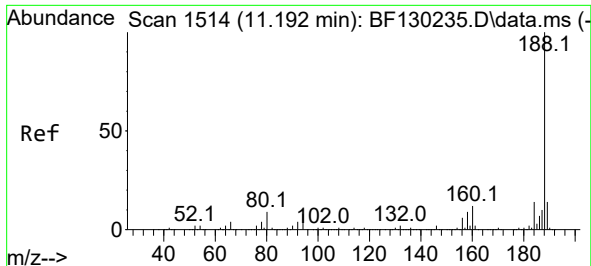
Tgt Ion:165 Resp: 13451
Ion Ratio Lower Upper
165 100
63 1.4 58.8 88.2#
89 1.8 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 6.931 ng
RT: 9.687 min Scan# 1292
Delta R.T. -0.200 min
Lab File: BF130419.D
Acq: 26 Sep 2022 21:31

Tgt Ion:165 Resp: 13451
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.8 69.0 103.4#
182 0.0 1.9 2.9#

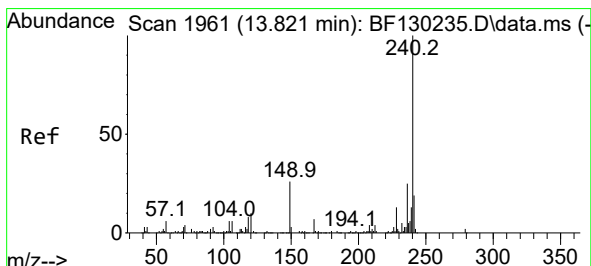
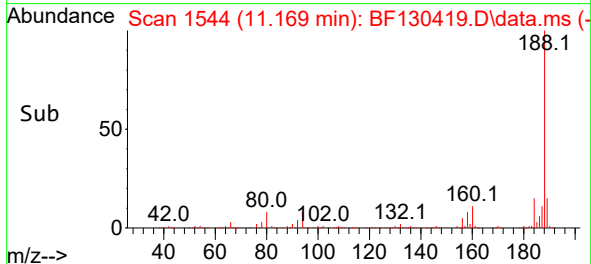
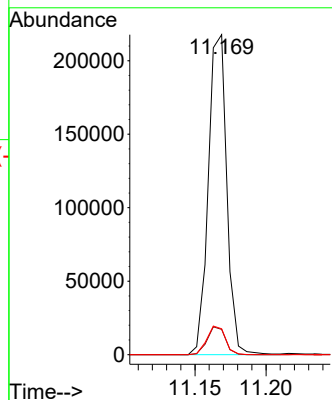
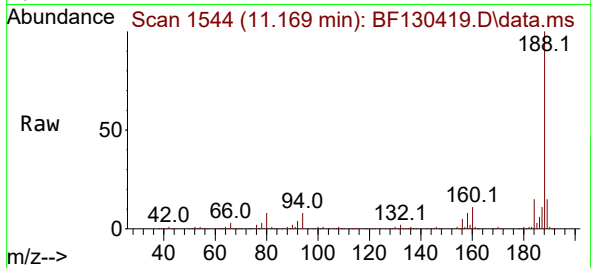




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130419.D
Acq: 26 Sep 2022 21:31

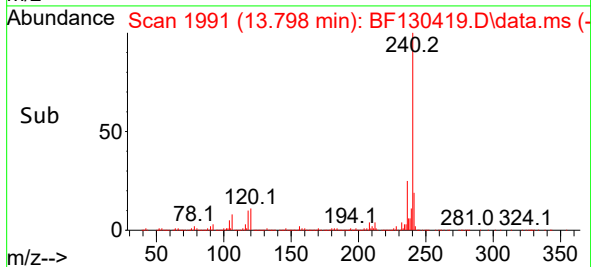
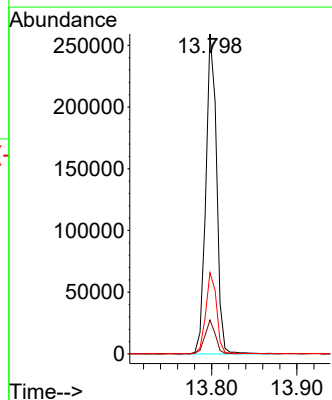
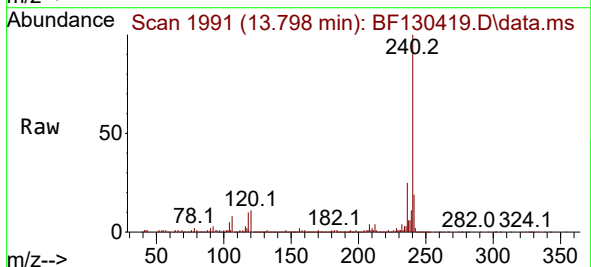
Instrument :
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OK-01-092222

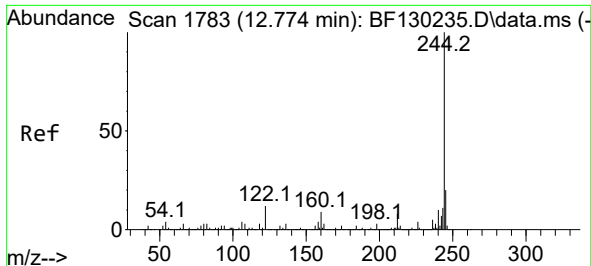
Tgt Ion:188 Resp: 197930
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.2
80 8.1 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130419.D
Acq: 26 Sep 2022 21:31

Tgt Ion:240 Resp: 227833
Ion Ratio Lower Upper
240 100
120 10.6 8.7 13.1
236 25.4 20.9 31.3

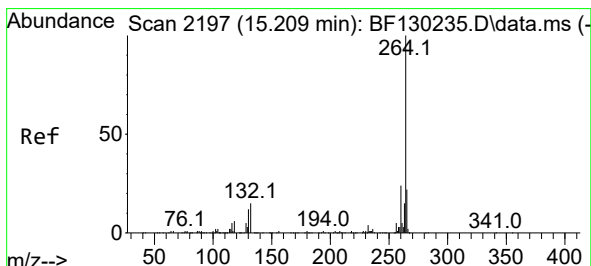
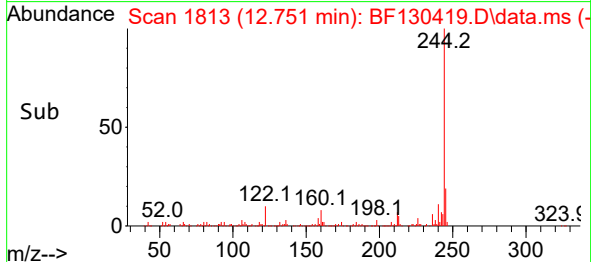
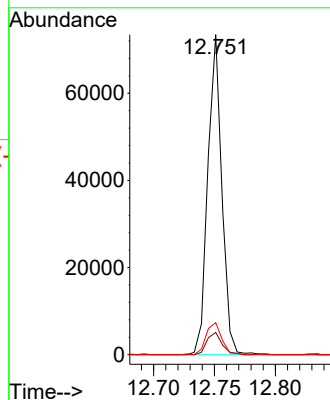
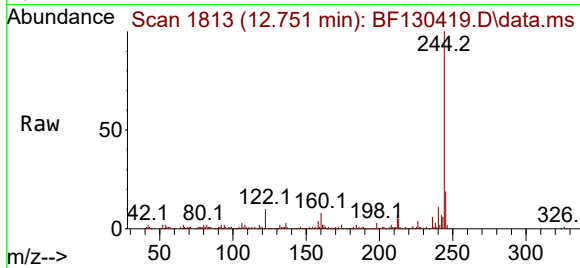




#79
 Terphenyl-d14
 Concen: 4.282 ng
 RT: 12.751 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130419.D
 Acq: 26 Sep 2022 21:31

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-092222

Tgt Ion:244 Resp: 58891
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 10.0 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.198 min Scan# 2229
 Delta R.T. 0.006 min
 Lab File: BF130419.D
 Acq: 26 Sep 2022 21:31

Tgt Ion:264 Resp: 179883
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 20.8 17.0 25.4

