

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130301.D
 Acq On : 16 Sep 2022 20:58
 Operator : CG\JU
 Sample : N4628-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-8

Quant Time: Sep 17 03:30:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 03:22:32 2022
 Response via : Initial Calibration

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

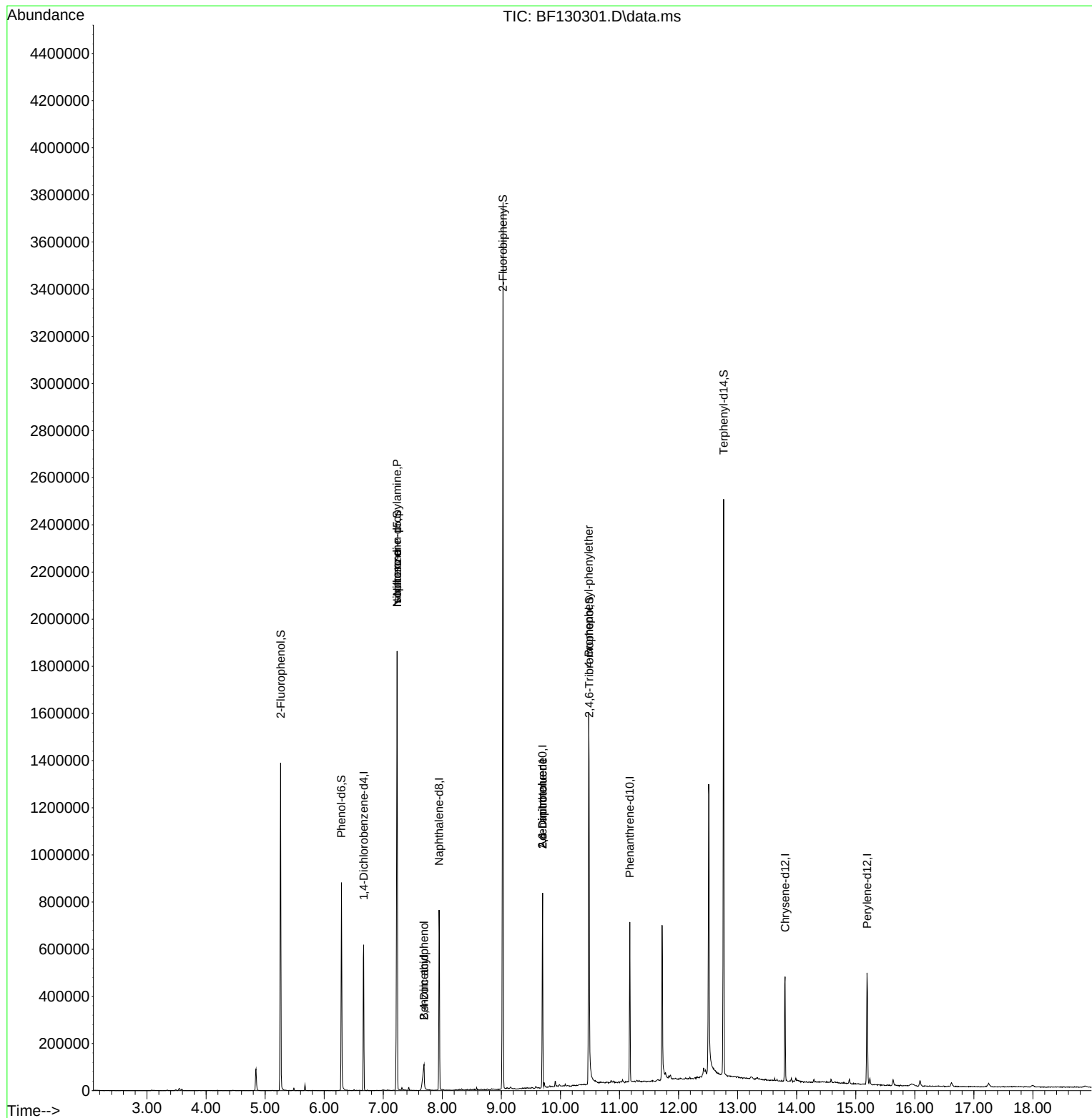
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.669	152	86550	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	327362	20.000	ng	0.00
39) Acenaphthene-d10	9.698	164	151787	20.000	ng	0.00
64) Phenanthrene-d10	11.174	188	206338	20.000	ng	0.00
76) Chrysene-d12	13.804	240	146767	20.000	ng	0.00
86) Perylene-d12	15.192	264	185977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	344066	68.951	ng	0.00
7) Phenol-d6	6.292	99	260647	41.746	ng	-0.01
23) Nitrobenzene-d5	7.234	82	605282	94.461	ng	0.00
42) 2,4,6-Tribromophenol	10.486	330	210883	144.996	ng	0.00
45) 2-Fluorobiphenyl	9.028	172	1029509	98.767	ng	0.00
79) Terphenyl-d14	12.763	244	706443	79.733	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.234	70	84180	19.981	ng	# 74
25) Isophorone	7.234	82	604239	58.506	ng	# 66
27) 2,4-Dimethylphenol	7.692	122	40390	9.835	ng	# 1
32) Benzoic acid	7.692	122	40390	12.718	ng	97
51) 2,6-Dinitrotoluene	9.698	165	19435	8.863	ng	# 16
57) 2,4-Dinitrotoluene	9.698	165	19435	6.935	ng	# 16
67) 4-Bromophenyl-phenylether	10.480	248	12529	5.504	ng	# 1

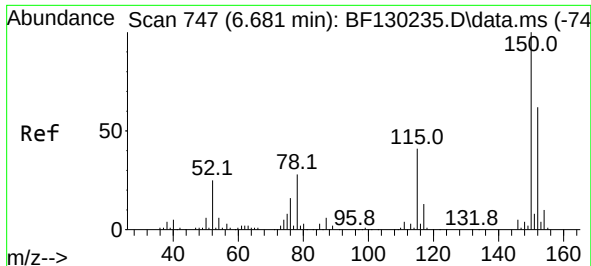
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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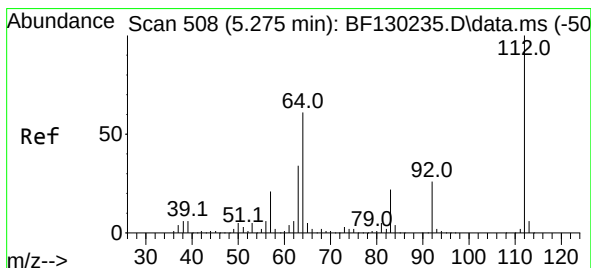
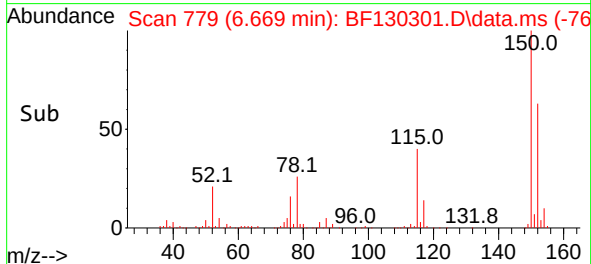
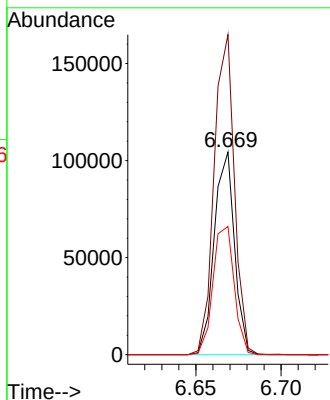
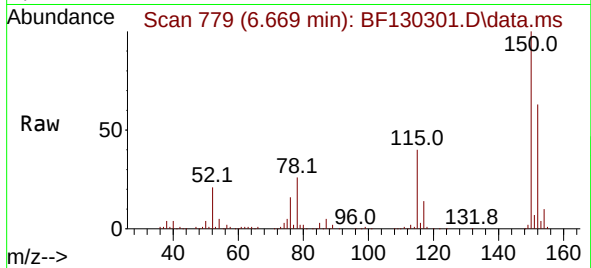




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130301.D
Acq: 16 Sep 2022 20:58

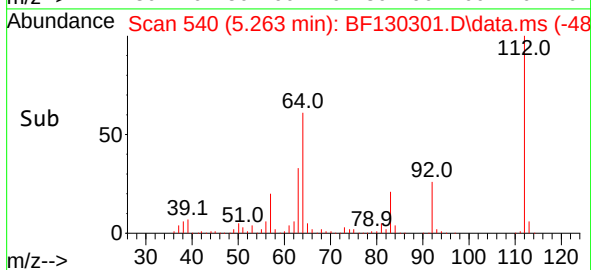
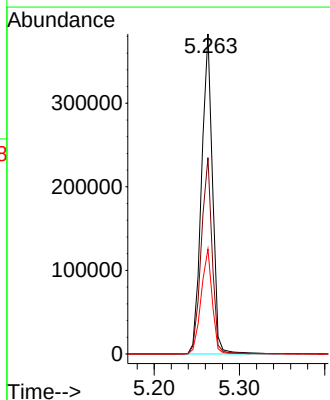
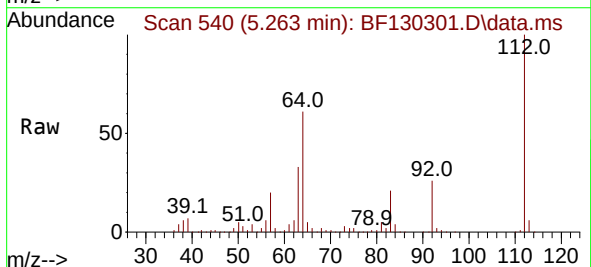
Instrument :
BNA_F
ClientSampleId :
HW-8

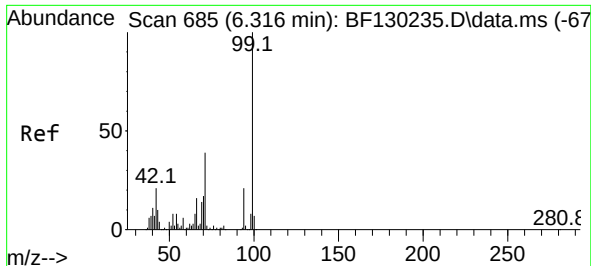
Tgt Ion:152 Resp: 86550
Ion Ratio Lower Upper
152 100
150 158.0 122.8 184.2
115 63.3 53.8 80.8



#5
2-Fluorophenol
Concen: 68.951 ng
RT: 5.263 min Scan# 540
Delta R.T. 0.000 min
Lab File: BF130301.D
Acq: 16 Sep 2022 20:58

Tgt Ion:112 Resp: 344066
Ion Ratio Lower Upper
112 100
64 61.3 51.4 77.0
63 32.8 28.8 43.2

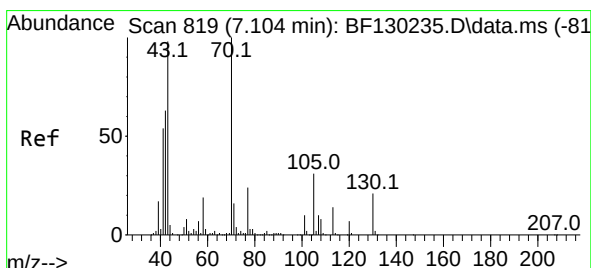
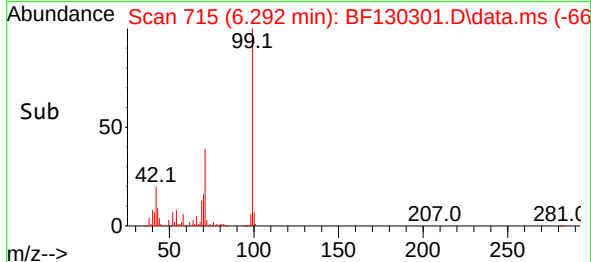
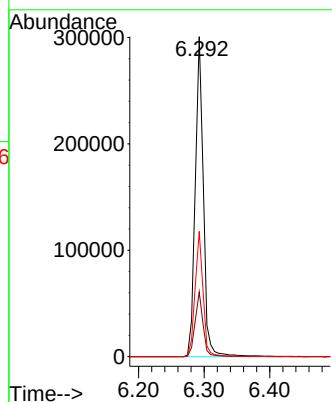
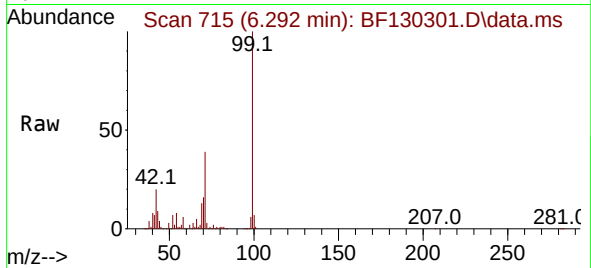




#7
Phenol-d6
Concen: 41.746 ng
RT: 6.292 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130301.D
Acq: 16 Sep 2022 20:58

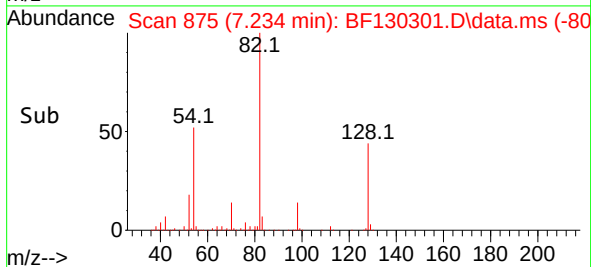
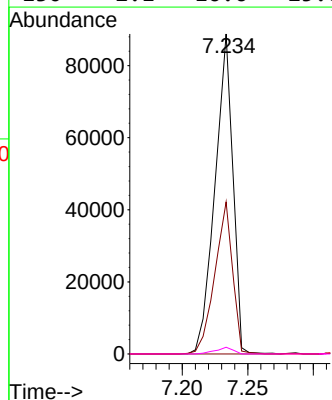
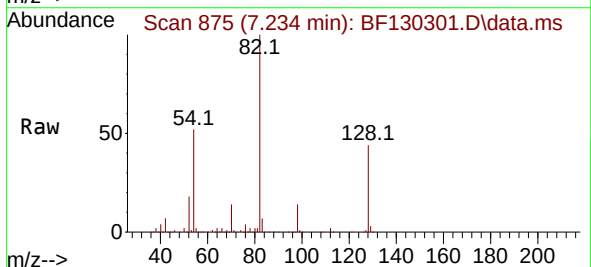
Instrument :
BNA_F
ClientSampleId :
HW-8

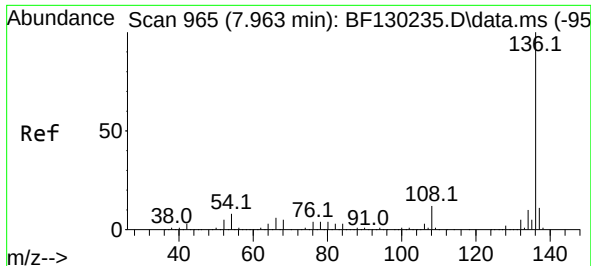
Tgt Ion: 99 Resp: 260647
Ion Ratio Lower Upper
99 100
42 20.2 17.0 25.6
71 39.2 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.981 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.135 min
Lab File: BF130301.D
Acq: 16 Sep 2022 20:58

Tgt Ion: 70 Resp: 84180
Ion Ratio Lower Upper
70 100
42 47.5 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#

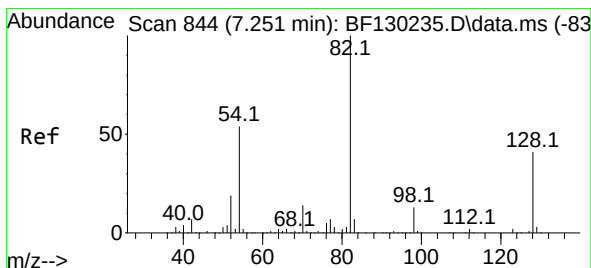
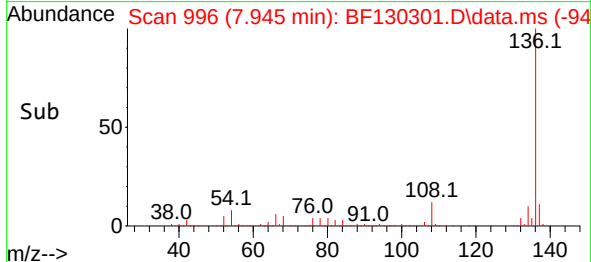
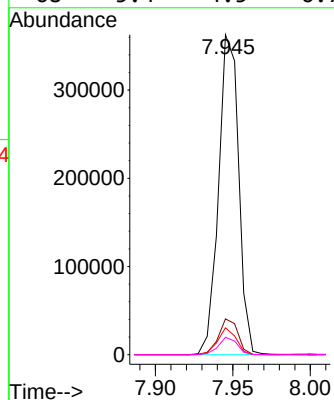
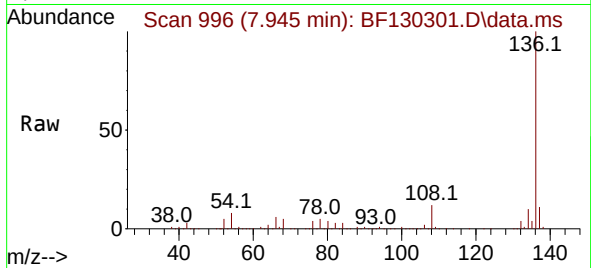




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130301.D
Acq: 16 Sep 2022 20:58

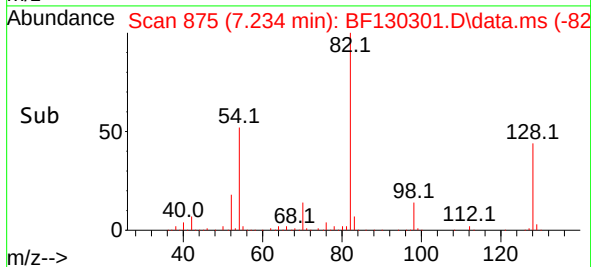
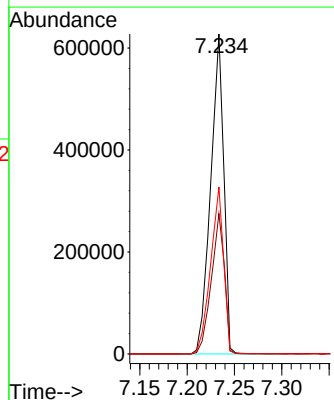
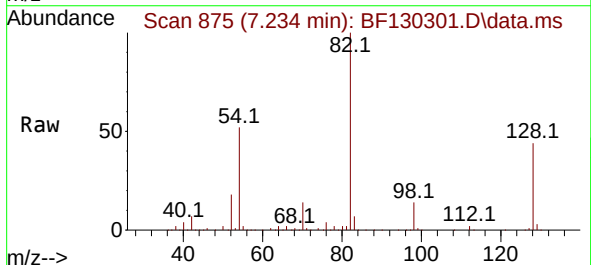
Instrument :
BNA_F
ClientSampleId :
HW-8

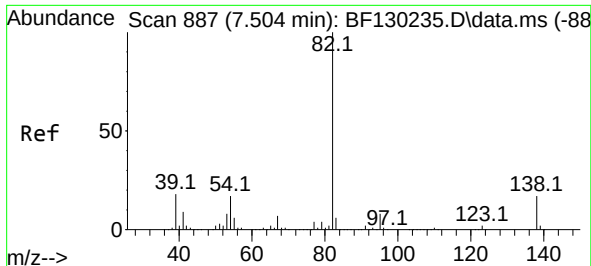
Tgt	Ion:136	Resp:	327362
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.4	7.1	10.7
68	5.4	4.5	6.7



#23
Nitrobenzene-d5
Concen: 94.461 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF130301.D
Acq: 16 Sep 2022 20:58

Tgt Ion: 82	Resp: 605282
Ion Ratio	Lower Upper
82 100	
128 43.9	32.6 49.0
54 52.2	43.8 65.6

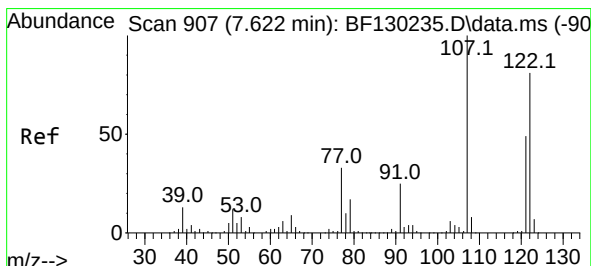
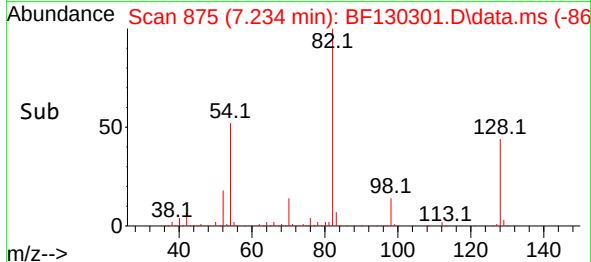
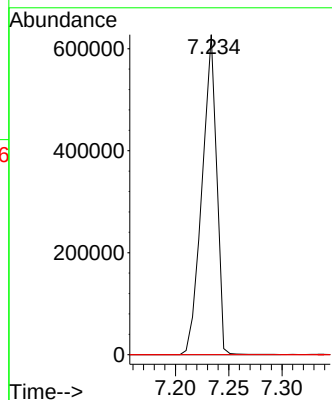
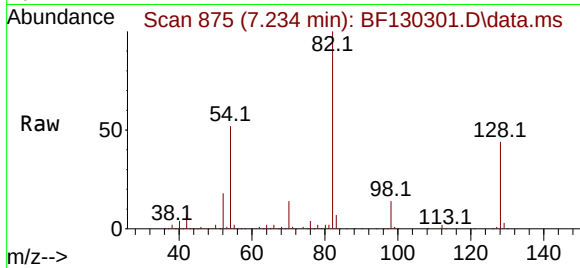




#25
Isophorone
Concen: 58.506 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130301.D
Acq: 16 Sep 2022 20:58

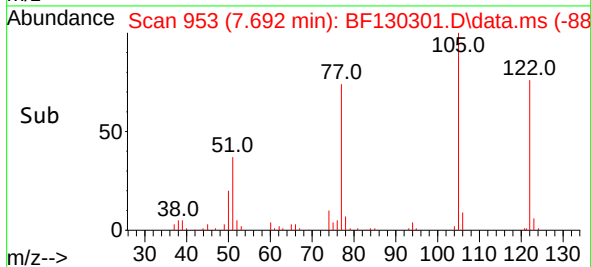
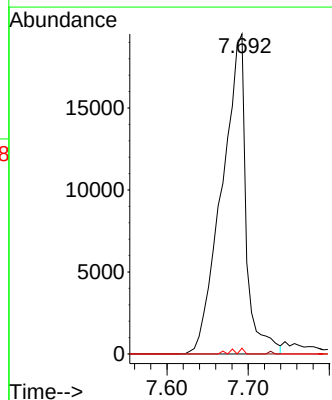
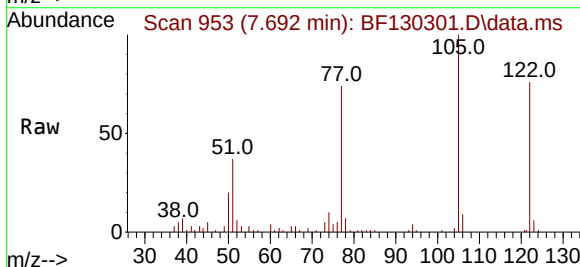
Instrument :
BNA_F
ClientSampleId :
HW-8

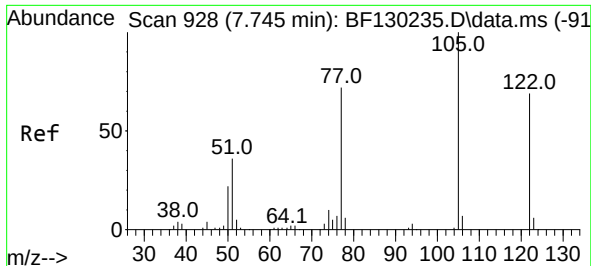
Tgt Ion: 82 Resp: 604239
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#27
2,4-Dimethylphenol
Concen: 9.835 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.076 min
Lab File: BF130301.D
Acq: 16 Sep 2022 20:58

Tgt Ion: 122 Resp: 40390
Ion Ratio Lower Upper
122 100
107 0.0 100.2 150.2#
121 1.8 47.8 71.8#

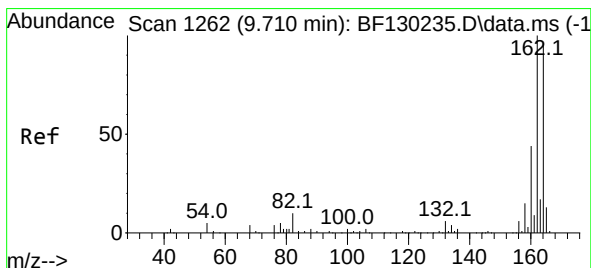
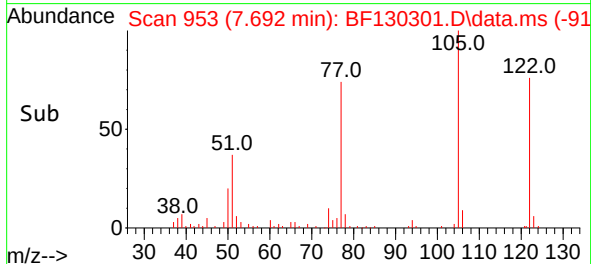
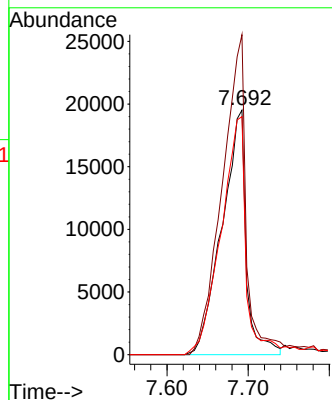
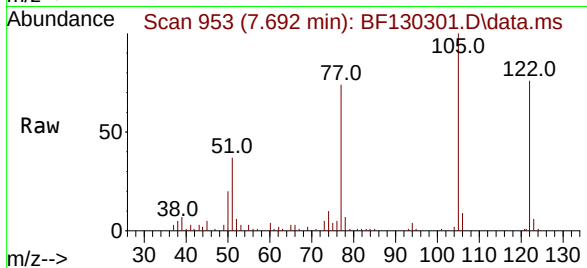




#32
Benzoic acid
Concen: 12.718 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.047 min
Lab File: BF130301.D
Acq: 16 Sep 2022 20:58

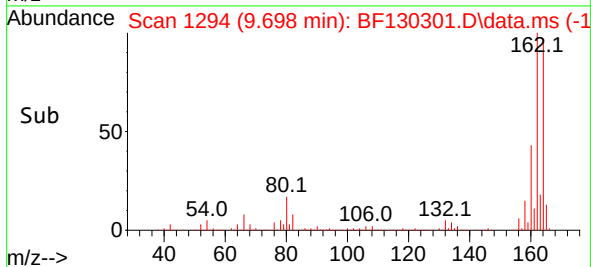
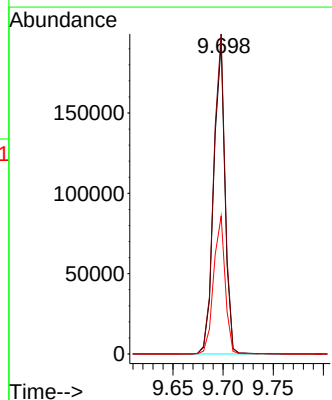
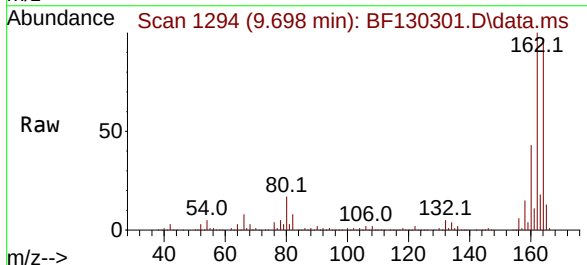
Instrument :
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ClientSampleId :
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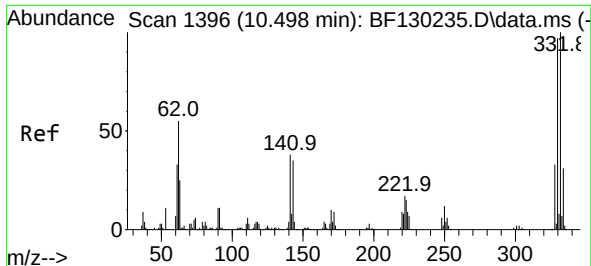
Tgt Ion:122 Resp: 40390
Ion Ratio Lower Upper
122 100
105 130.9 112.9 152.9
77 97.4 82.8 122.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.006 min
Lab File: BF130301.D
Acq: 16 Sep 2022 20:58

Tgt Ion:164 Resp: 151787
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.0
160 44.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 144.996 ng

RT: 10.486 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF130301.D

Acq: 16 Sep 2022 20:58

Instrument :

BNA_F

ClientSampleId :

HW-8

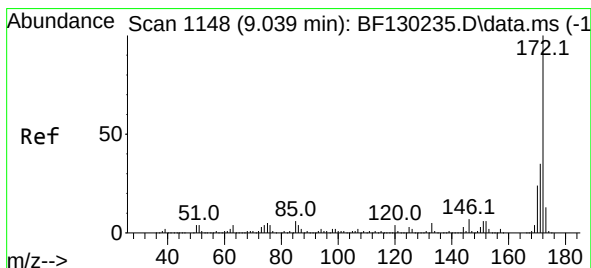
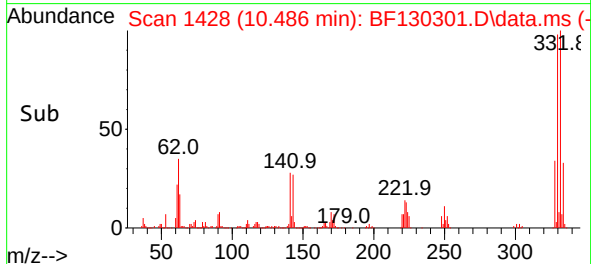
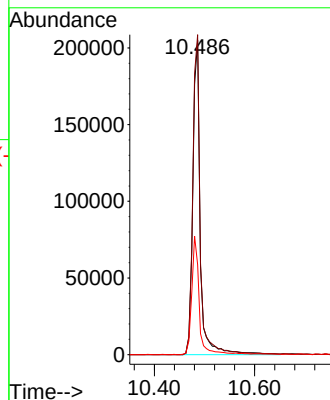
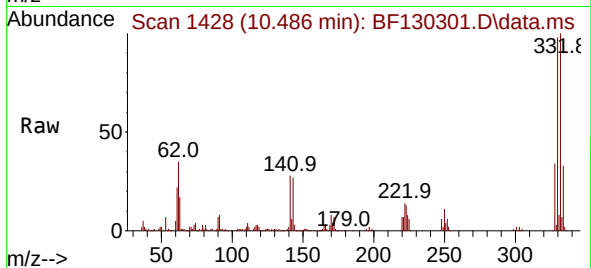
Tgt Ion:330 Resp: 210883

Ion Ratio Lower Upper

330 100

332 102.0 83.4 125.2

141 38.2 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 98.767 ng

RT: 9.028 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF130301.D

Acq: 16 Sep 2022 20:58

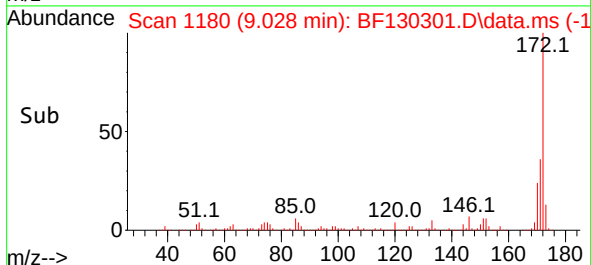
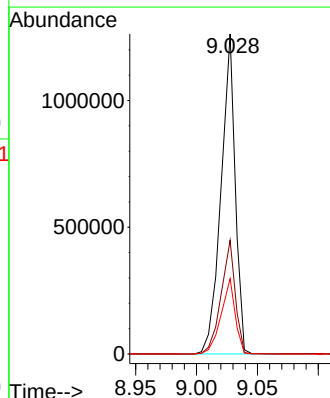
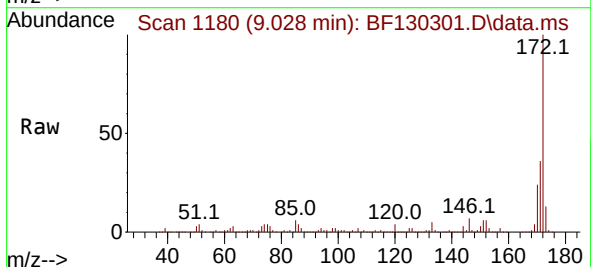
Tgt Ion:172 Resp: 1029509

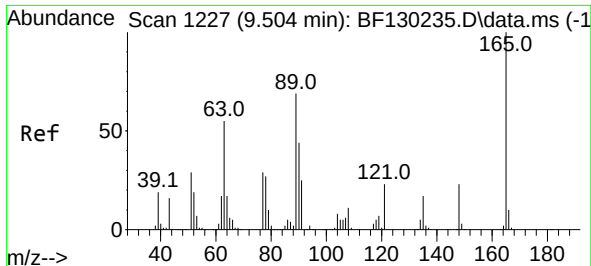
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.6 18.7 28.1

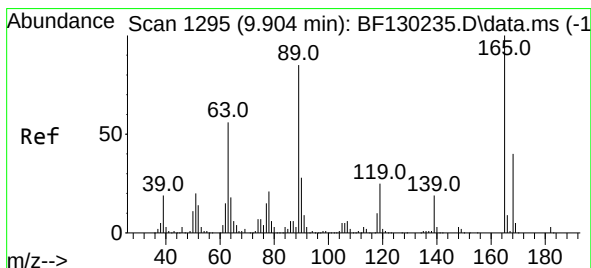
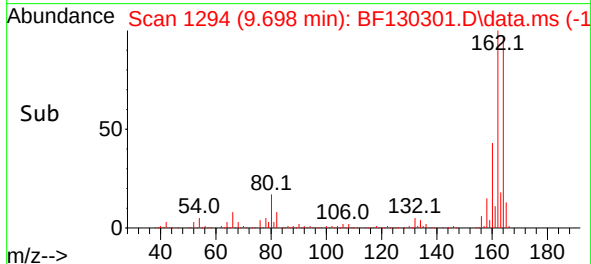
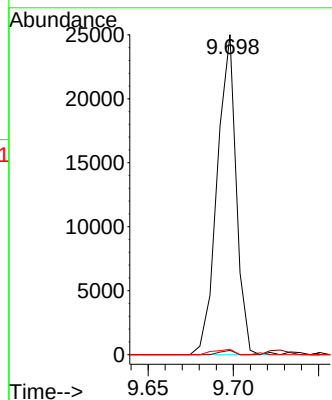
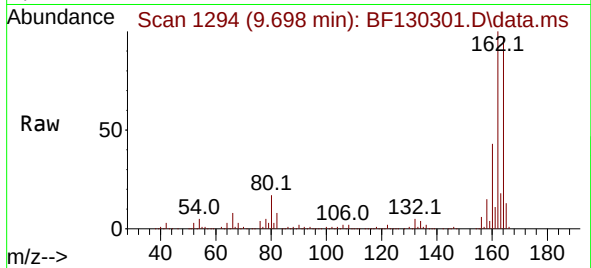




#51
2,6-Dinitrotoluene
Concen: 8.863 ng
RT: 9.698 min Scan# 1227
Delta R.T. 0.200 min
Lab File: BF130301.D
Acq: 16 Sep 2022 20:58

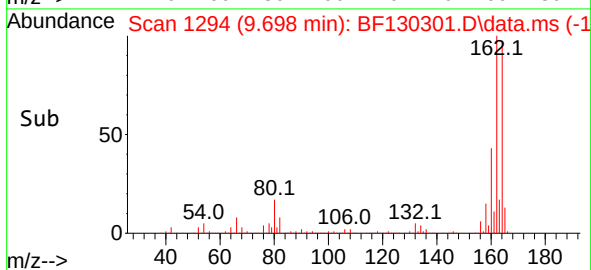
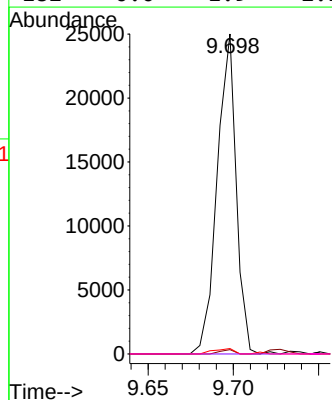
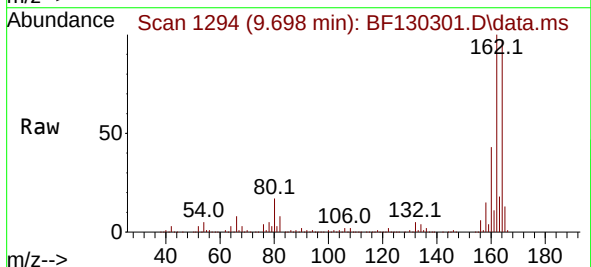
Instrument :
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ClientSampleId :
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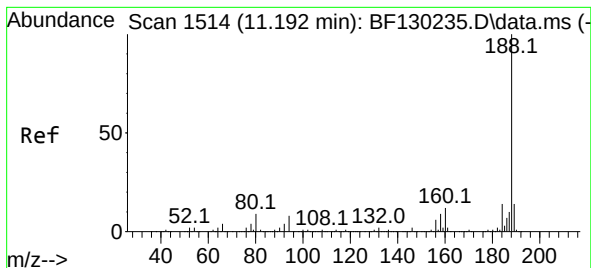
Tgt Ion:165 Resp: 19435
Ion Ratio Lower Upper
165 100
63 1.4 58.8 88.2#
89 1.7 54.5 81.7#



#57
2,4-Dinitrotoluene
Concen: 6.935 ng
RT: 9.698 min Scan# 1294
Delta R.T. -0.200 min
Lab File: BF130301.D
Acq: 16 Sep 2022 20:58

Tgt Ion:165 Resp: 19435
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.7 69.0 103.4#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.174 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130301.D

Acq: 16 Sep 2022 20:58

Instrument :

BNA_F

ClientSampleId :

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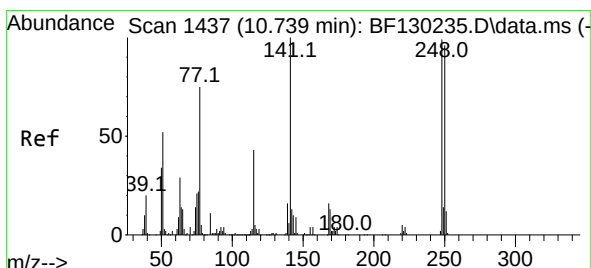
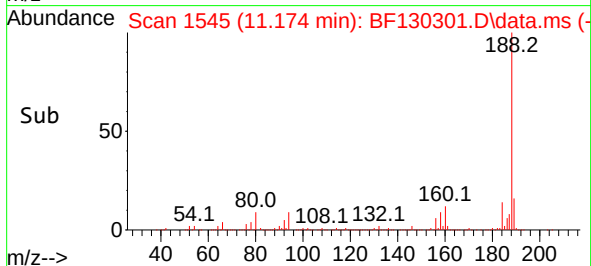
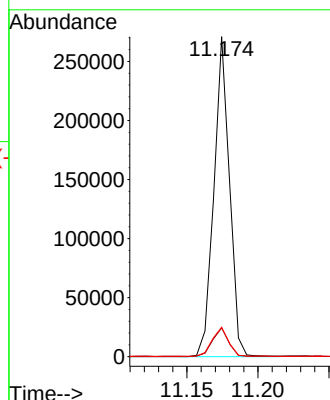
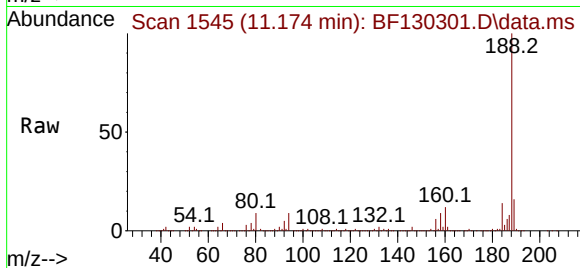
Tgt Ion:188 Resp: 206338

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.2 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 5.504 ng

RT: 10.480 min Scan# 1427

Delta R.T. -0.253 min

Lab File: BF130301.D

Acq: 16 Sep 2022 20:58

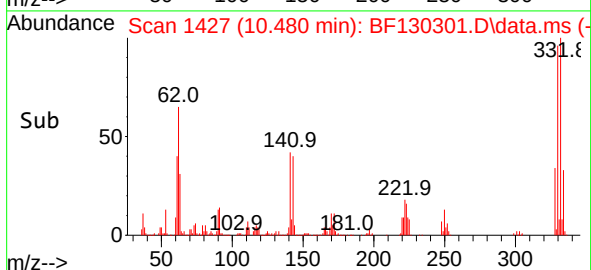
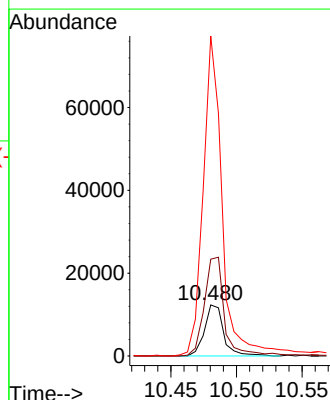
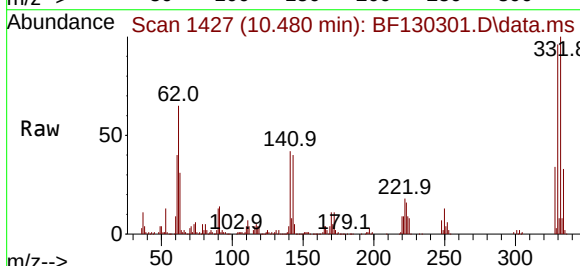
Tgt Ion:248 Resp: 12529

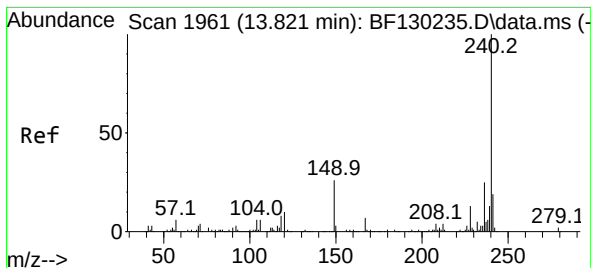
Ion Ratio Lower Upper

248 100

250 189.6 80.0 120.0#

141 626.7 68.5 102.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.804 min Scan# 1961

Delta R.T. -0.006 min

Lab File: BF130301.D

Acq: 16 Sep 2022 20:58

Instrument :

BNA_F

ClientSampleId :

HW-8

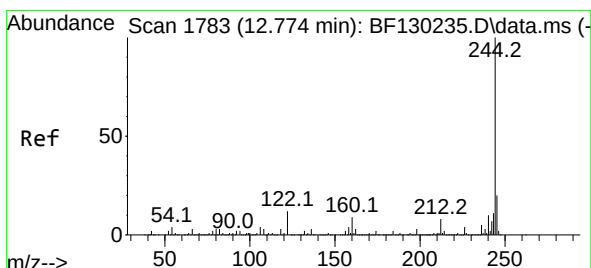
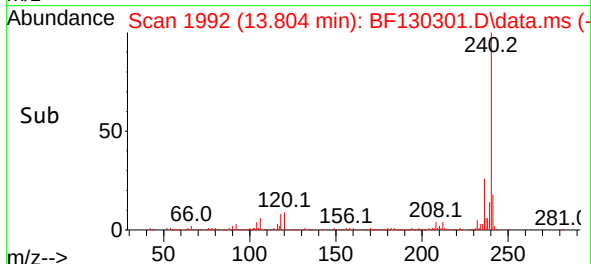
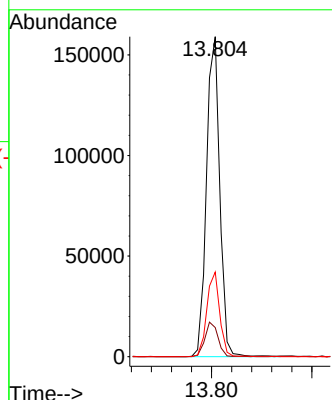
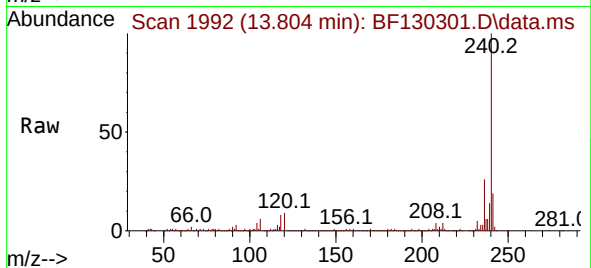
Tgt Ion:240 Resp: 146767

Ion Ratio Lower Upper

240 100

120 9.1 8.7 13.1

236 26.5 20.9 31.3



#79

Terphenyl-d14

Concen: 79.733 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF130301.D

Acq: 16 Sep 2022 20:58

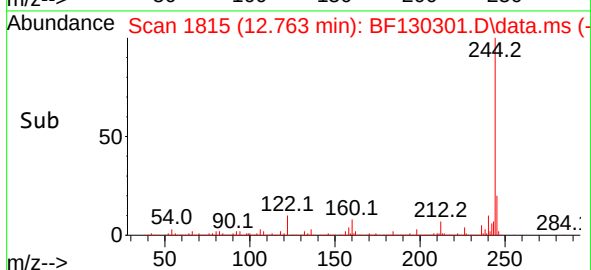
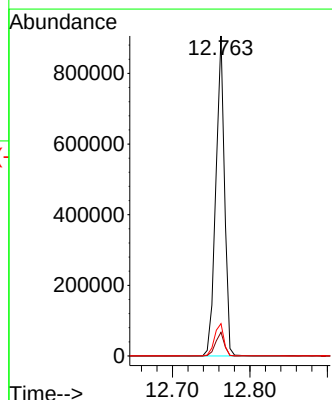
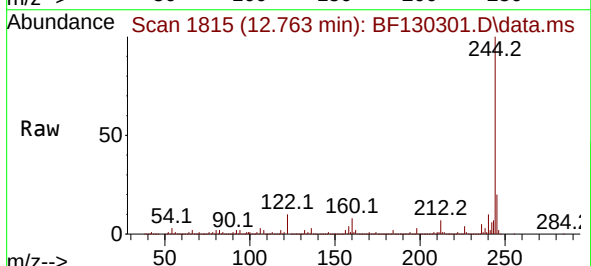
Tgt Ion:244 Resp: 706443

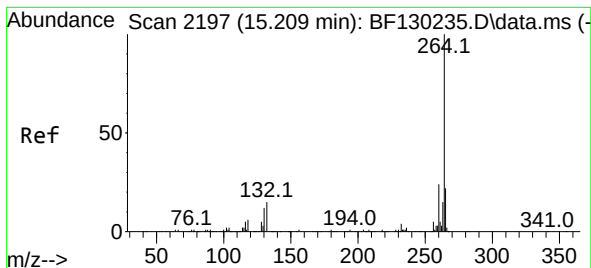
Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 10.1 8.5 12.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.192 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130301.D

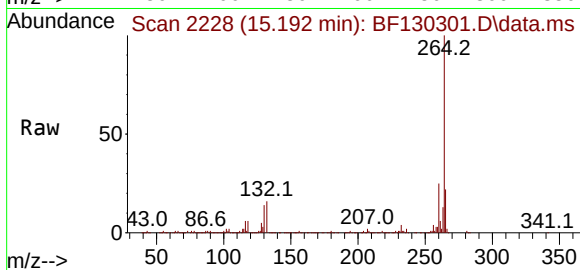
Acq: 16 Sep 2022 20:58

Instrument :

BNA_F

ClientSampleId :

HW-8



Tgt Ion:264 Resp: 185977

Ion Ratio Lower Upper

264 100

260 24.7 19.3 28.9

265 21.6 17.0 25.4

