

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130116.D
 Acq On : 02 Sep 2022 17:50
 Operator : CG\JU
 Sample : N4466-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAP2-T-5-(15-35)

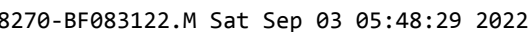
Quant Time: Sep 03 05:48:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

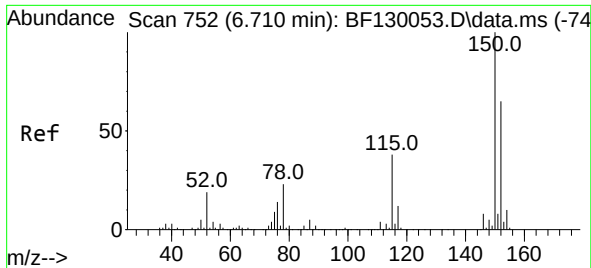
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	206565	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	815111	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	438747	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	735706	20.000	ng	#-0.01
76) Chrysene-d12	13.839	240	470458	20.000	ng	#-0.02
86) Perylene-d12	15.239	264	381561	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	1332424	109.505	ng	0.00
7) Phenol-d6	6.334	99	1640958	108.174	ng	-0.01
23) Nitrobenzene-d5	7.269	82	965469	76.121	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	454060	113.691	ng	-0.01
45) 2-Fluorobiphenyl	9.057	172	1747591	66.039	ng	-0.01
79) Terphenyl-d14	12.798	244	1717627	63.312	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	124063	13.575	ng	# 73
25) Isophorone	7.269	82	961584	37.458	ng	# 65
32) Benzoic acid	7.987	122	210	6.593	ng	# 1
50) Dimethylphthalate	9.733	163	81835	2.738	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	56864	9.760	ng	# 22
57) 2,4-Dinitrotoluene	9.733	165	56864	8.477	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.522	198	952	6.320	ng	# 1
67) 4-Bromophenyl-phenylether	10.516	248	26513	3.240	ng	# 1

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

Quant Time: Sep 03 05:48:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 18:15:32 2022
Response via : Initial Calibration

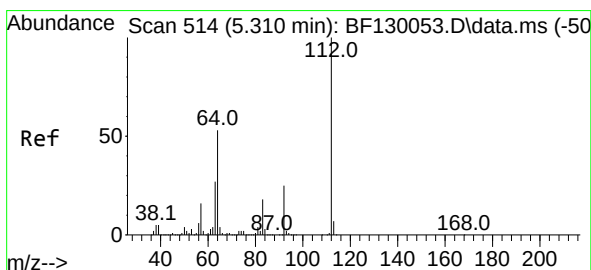
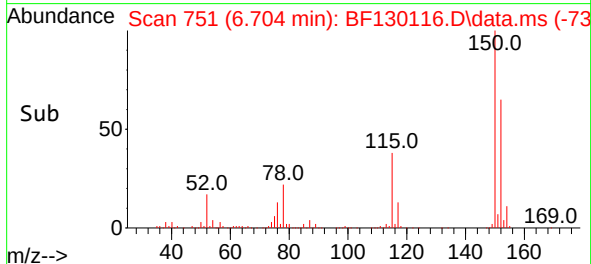
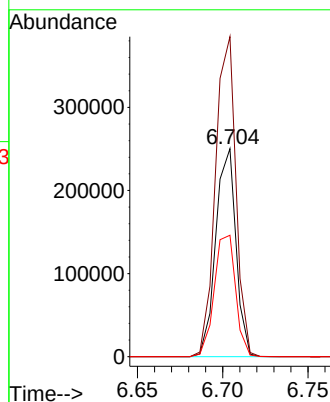
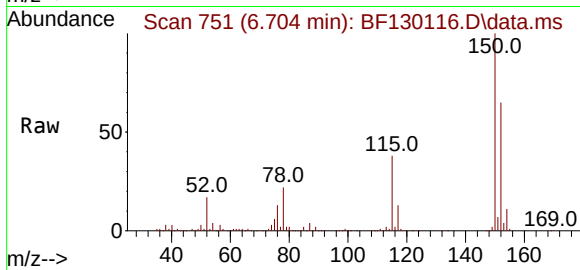




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: BF130116.D
 Acq: 02 Sep 2022 17:50

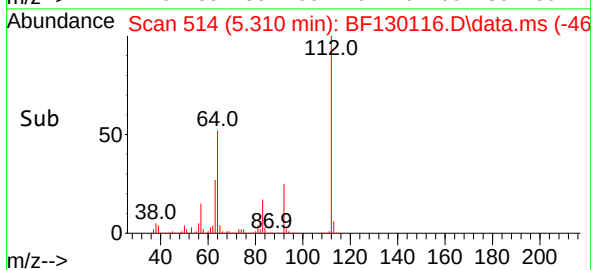
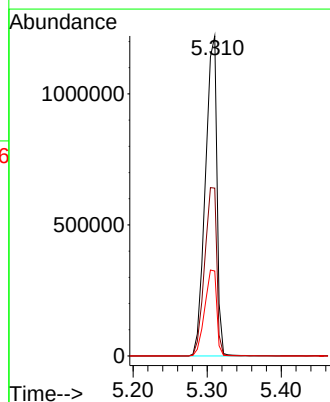
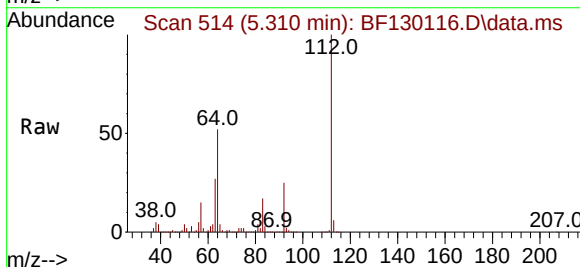
Instrument :
 BNA_F
 ClientSampleId :
 SAP2-T-5-(15-35)

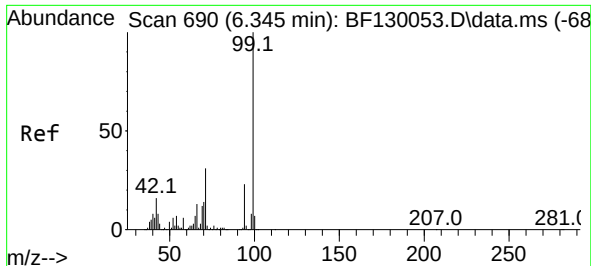
Tgt Ion:152 Resp: 206565
 Ion Ratio Lower Upper
 152 100
 150 153.8 126.9 190.3
 115 58.4 53.4 80.0



#5
 2-Fluorophenol
 Concen: 109.505 ng
 RT: 5.310 min Scan# 514
 Delta R.T. 0.000 min
 Lab File: BF130116.D
 Acq: 02 Sep 2022 17:50

Tgt Ion:112 Resp: 1332424
 Ion Ratio Lower Upper
 112 100
 64 52.4 47.6 71.4
 63 26.6 24.6 37.0

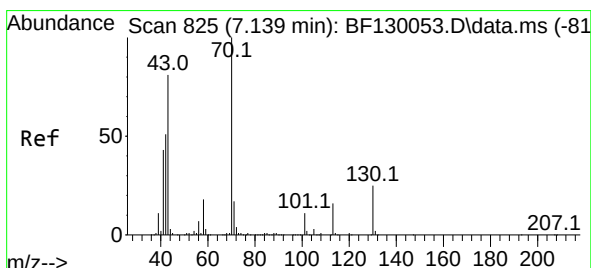
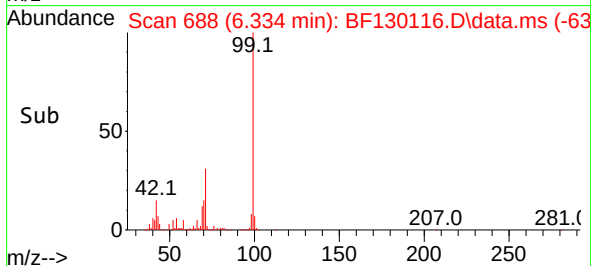
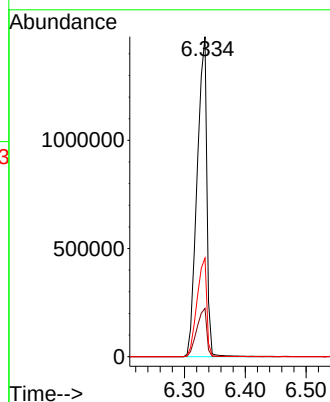
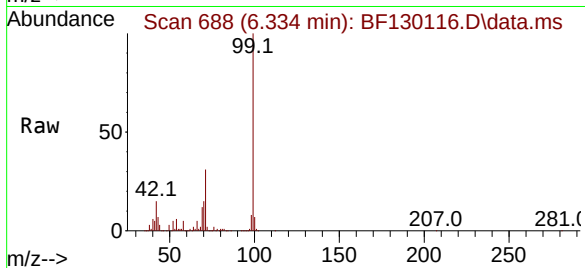




#7
Phenol-d6
Concen: 108.174 ng
RT: 6.334 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF130116.D
Acq: 02 Sep 2022 17:50

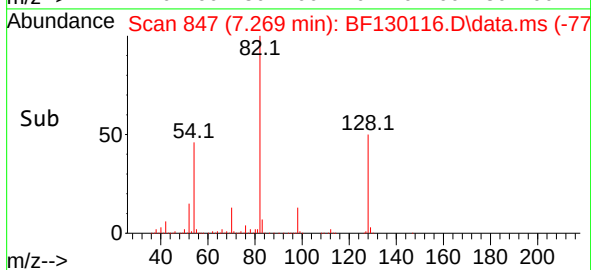
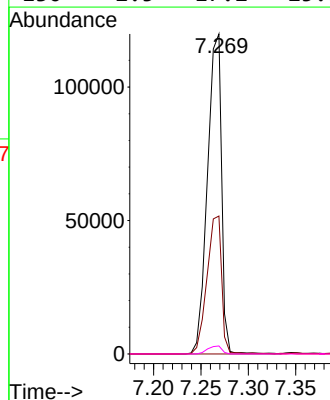
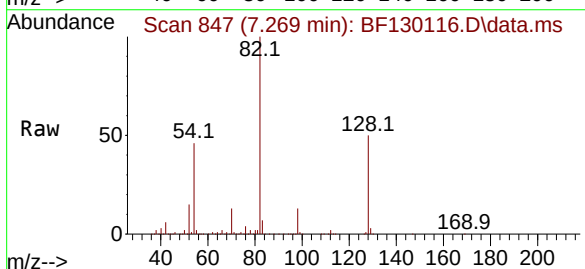
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)

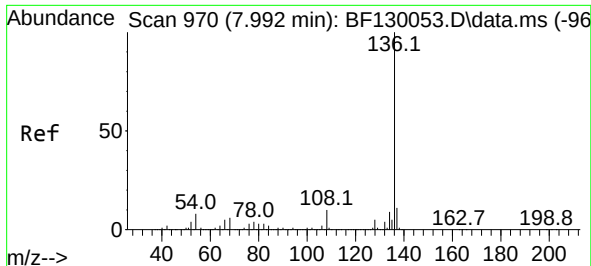
Tgt Ion: 99 Resp: 1640958
Ion Ratio Lower Upper
99 100
42 15.1 15.0 22.4
71 30.8 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.575 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130116.D
Acq: 02 Sep 2022 17:50

Tgt Ion: 70 Resp: 124063
Ion Ratio Lower Upper
70 100
42 43.1 47.6 71.4#
101 0.0 8.1 12.1#
130 2.5 17.2 25.8#

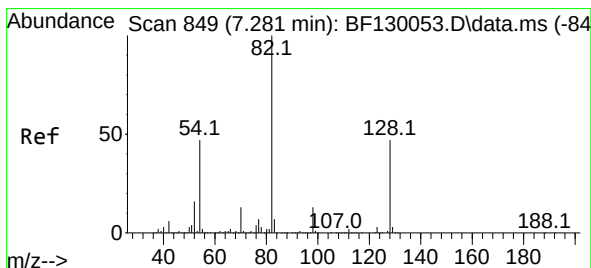
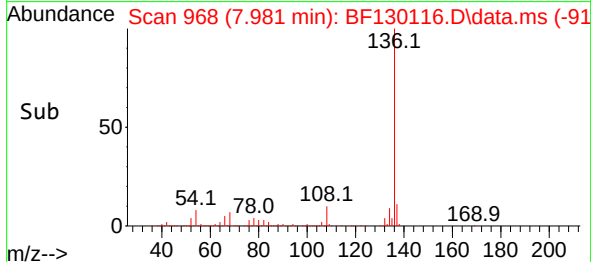
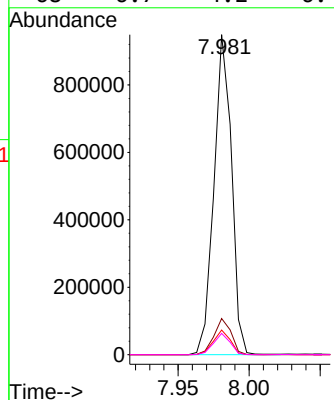
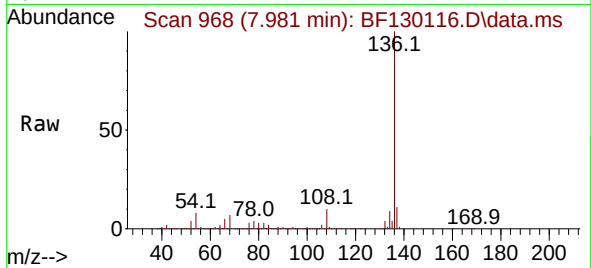




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 911
Delta R.T. -0.011 min
Lab File: BF130116.D
Acq: 02 Sep 2022 17:50

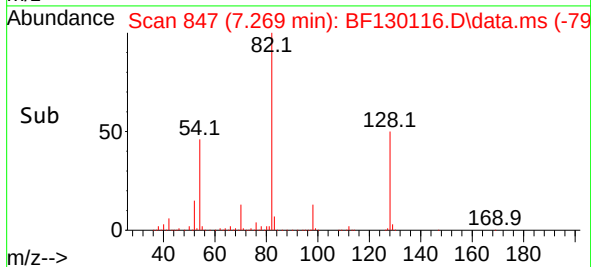
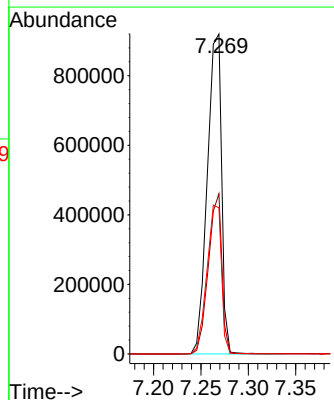
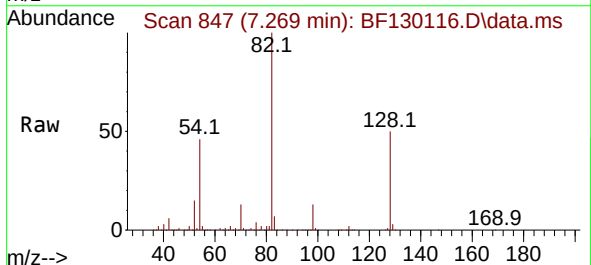
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)

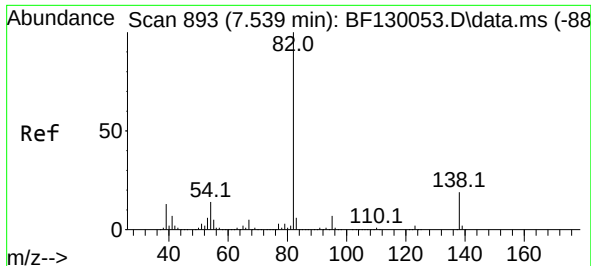
Tgt Ion:	136	Resp:	815111
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	7.7	6.2	9.2
68	6.7	4.2	6.4



#23
Nitrobenzene-d5
Concen: 76.121 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130116.D
Acq: 02 Sep 2022 17:50

Tgt Ion:	82	Resp:	965469
Ion	Ratio	Lower	Upper
82	100		
128	50.1	36.1	54.1
54	45.7	40.0	60.0

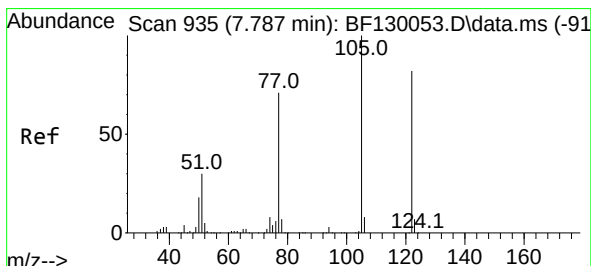
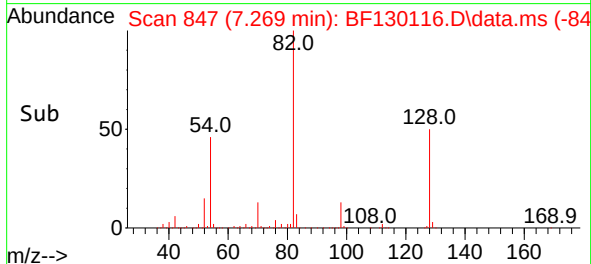
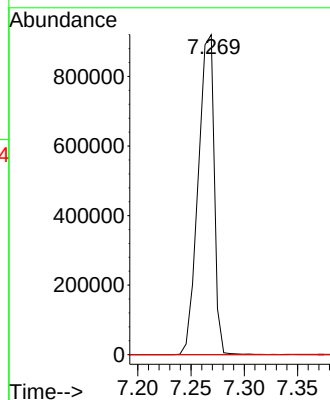
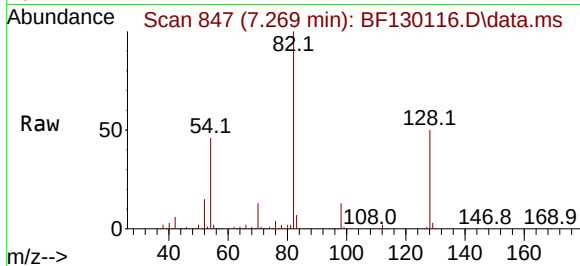




#25
Isophorone
Concen: 37.458 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130116.D
Acq: 02 Sep 2022 17:50

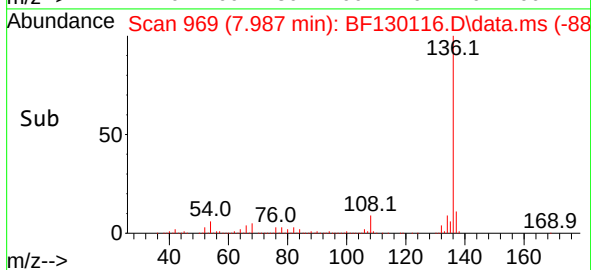
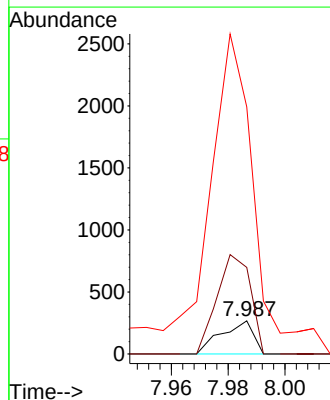
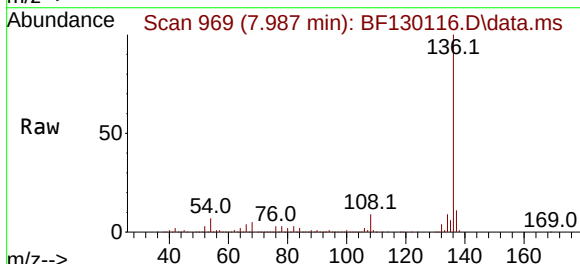
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)

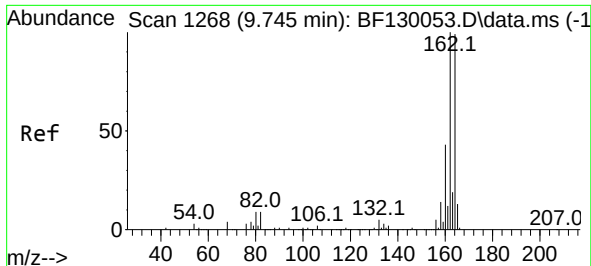
Tgt Ion: 82 Resp: 961584
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.593 ng
RT: 7.987 min Scan# 969
Delta R.T. 0.200 min
Lab File: BF130116.D
Acq: 02 Sep 2022 17:50

Tgt Ion:122 Resp: 210
Ion Ratio Lower Upper
122 100
105 261.4 99.9 139.9#
77 746.1 65.9 105.9#

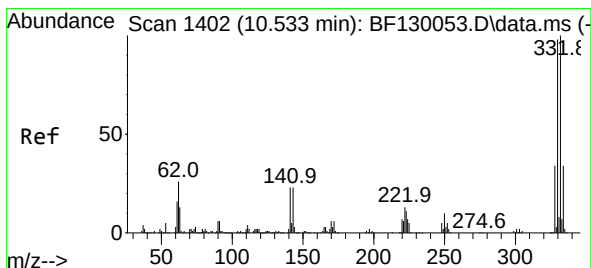
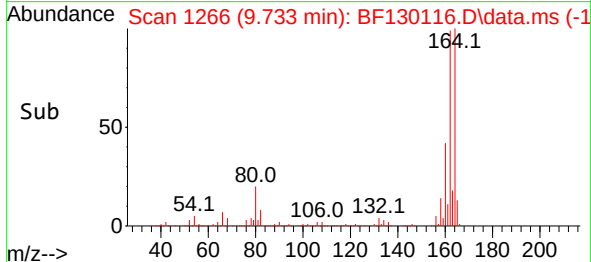
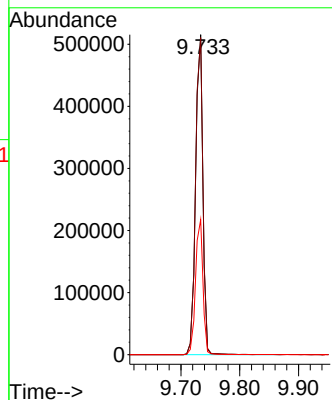
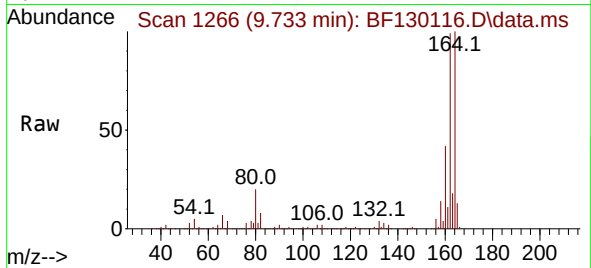




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130116.D
Acq: 02 Sep 2022 17:50

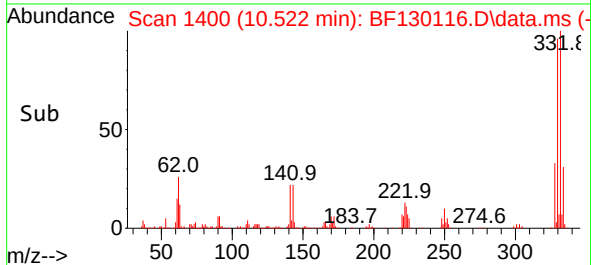
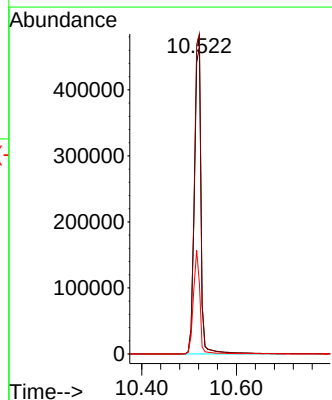
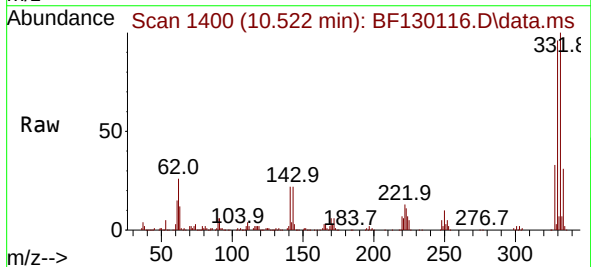
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)

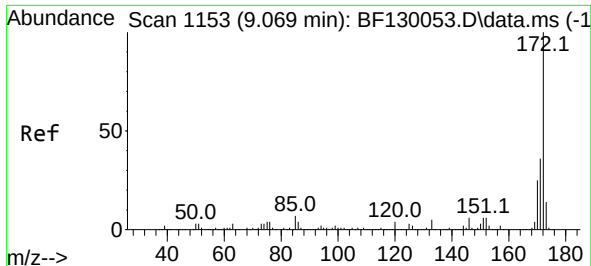
Tgt Ion:164 Resp: 438747
Ion Ratio Lower Upper
164 100
162 99.1 82.0 123.0
160 42.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 113.691 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130116.D
Acq: 02 Sep 2022 17:50

Tgt Ion:330 Resp: 454060
Ion Ratio Lower Upper
330 100
332 104.0 82.6 124.0
141 32.7 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 66.039 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.012 min

Lab File: BF130116.D

Acq: 02 Sep 2022 17:50

Instrument :

BNA_F

ClientSampleId :

SAP2-T-5-(15-35)

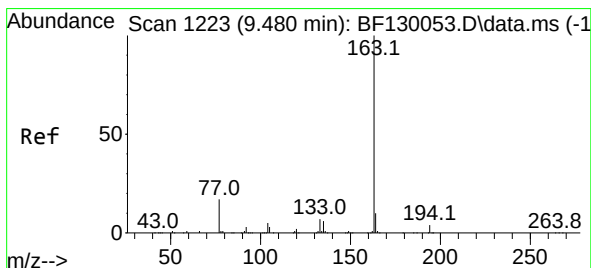
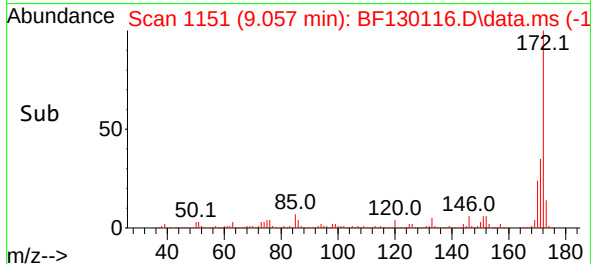
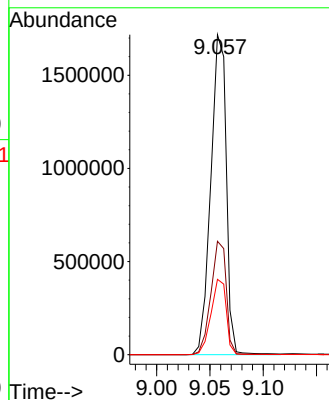
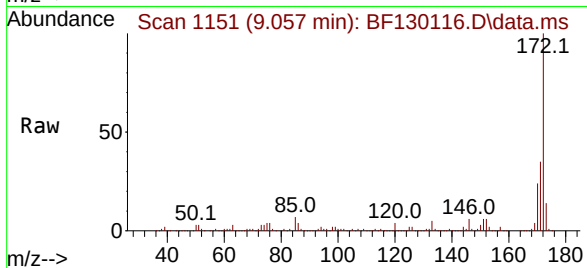
Tgt Ion:172 Resp: 1747591

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.6 19.1 28.7



#50

Dimethylphthalate

Concen: 2.738 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.253 min

Lab File: BF130116.D

Acq: 02 Sep 2022 17:50

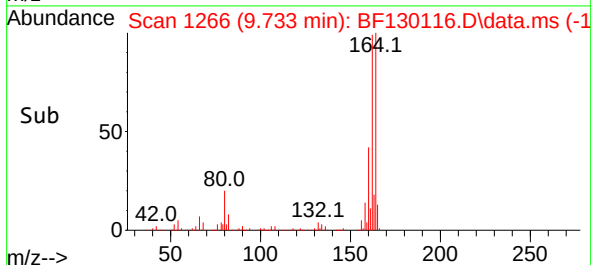
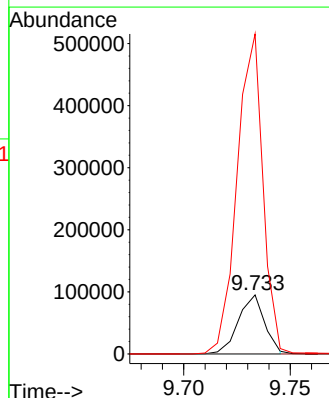
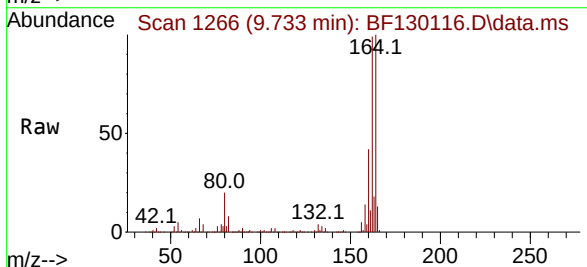
Tgt Ion:163 Resp: 81835

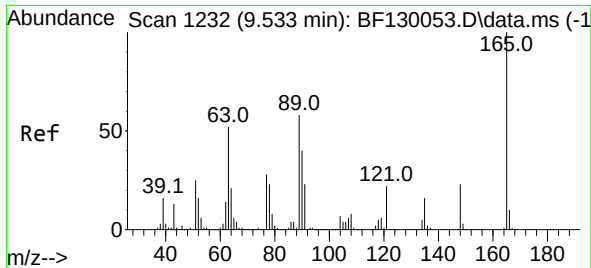
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 541.4 8.2 12.2#

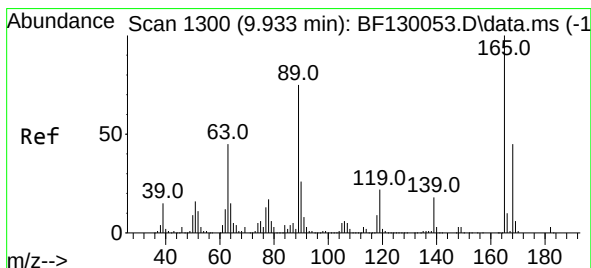
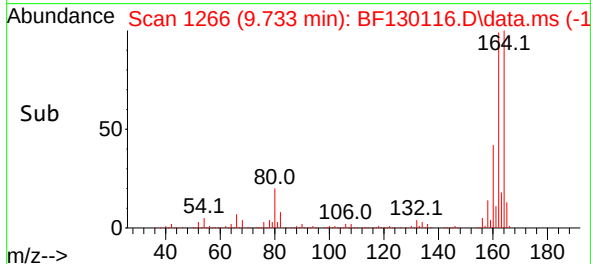
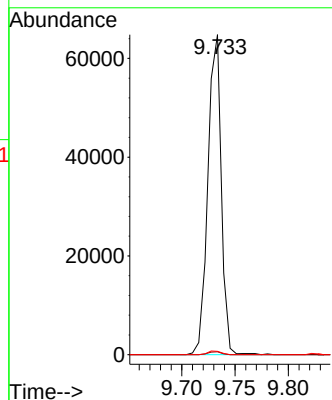
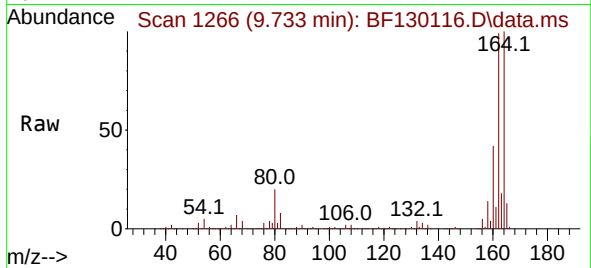




#51
2,6-Dinitrotoluene
Concen: 9.760 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.200 min
Lab File: BF130116.D
Acq: 02 Sep 2022 17:50

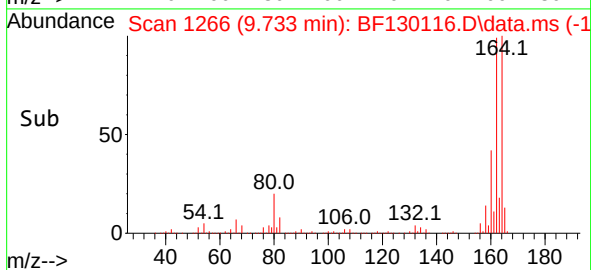
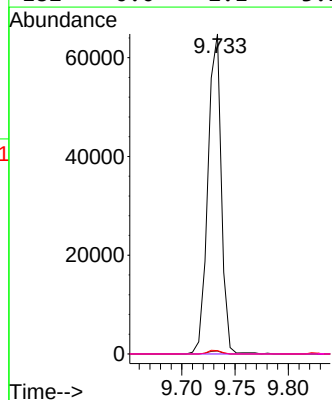
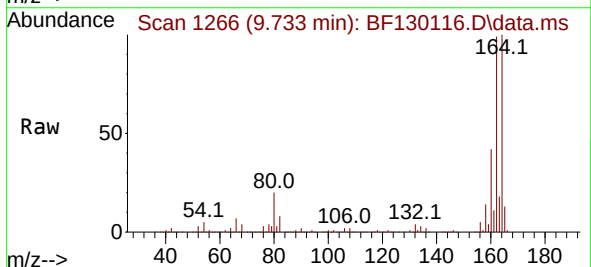
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)

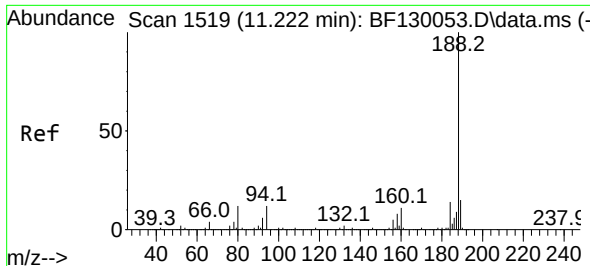
Tgt Ion:165 Resp: 56864
Ion Ratio Lower Upper
165 100
63 0.9 47.8 71.8#
89 1.0 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 8.477 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.200 min
Lab File: BF130116.D
Acq: 02 Sep 2022 17:50

Tgt Ion:165 Resp: 56864
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 1.0 62.3 93.5#
182 0.0 2.1 3.1#

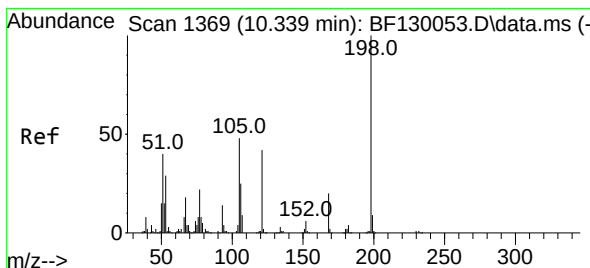
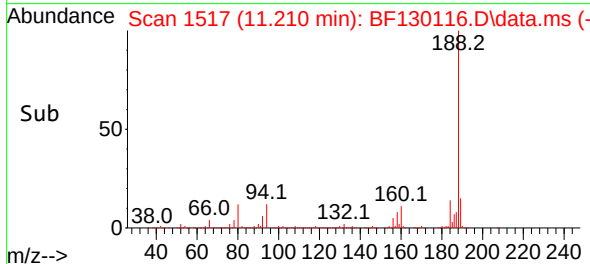
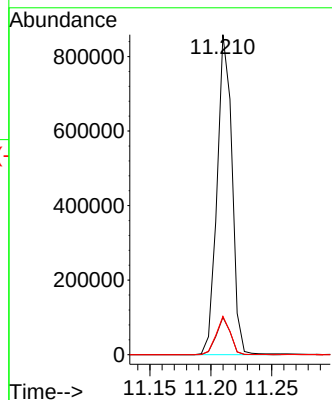
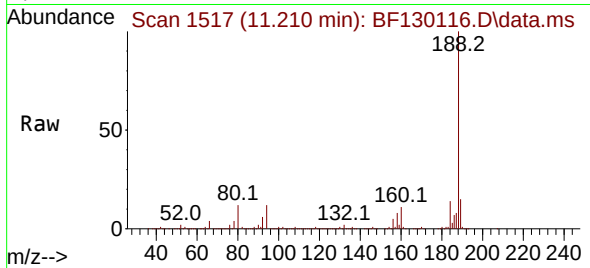




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130116.D
Acq: 02 Sep 2022 17:50

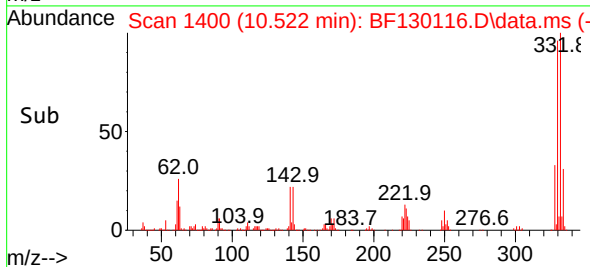
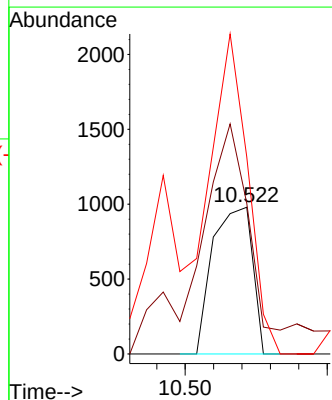
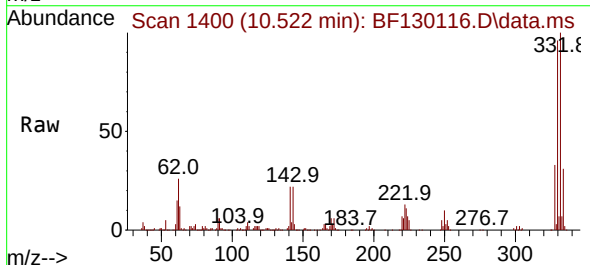
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)

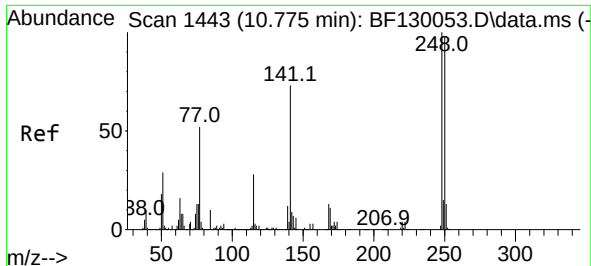
Tgt Ion:188 Resp: 735706
Ion Ratio Lower Upper
188 100
94 11.6 7.4 11.2#
80 12.0 7.9 11.9#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.320 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.183 min
Lab File: BF130116.D
Acq: 02 Sep 2022 17:50

Tgt Ion:198 Resp: 952
Ion Ratio Lower Upper
198 100
51 102.8 29.4 69.4#
105 134.4 29.2 69.2#

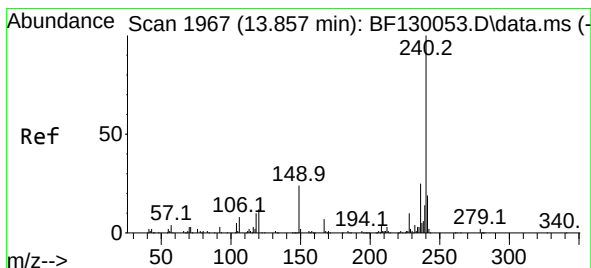
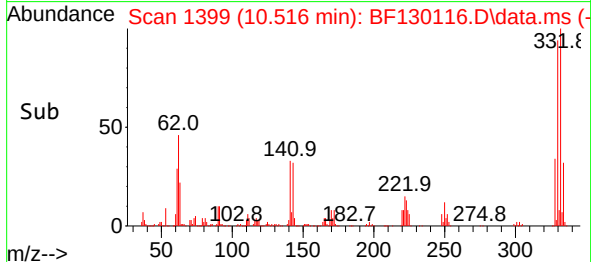
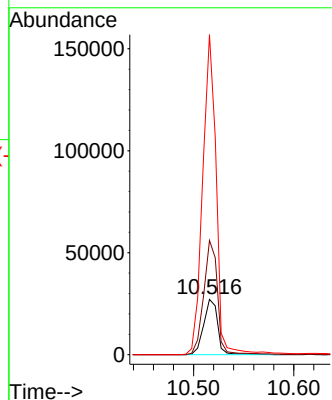
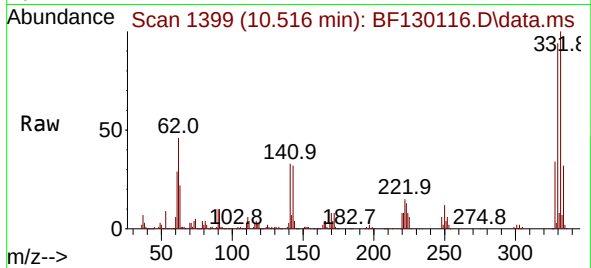




#67
4-Bromophenyl-phenylether
Concen: 3.240 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.259 min
Lab File: BF130116.D
Acq: 02 Sep 2022 17:50

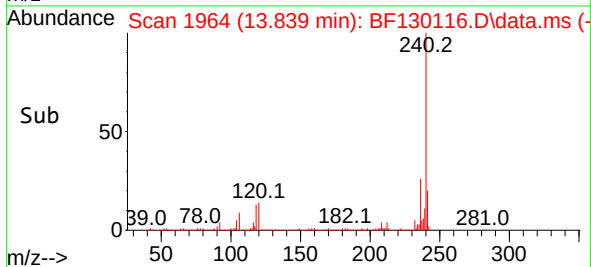
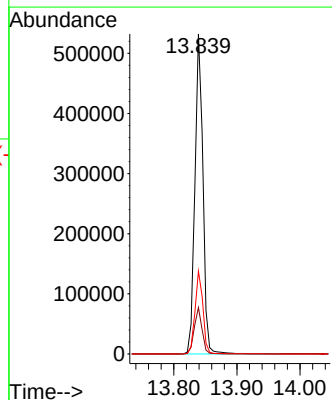
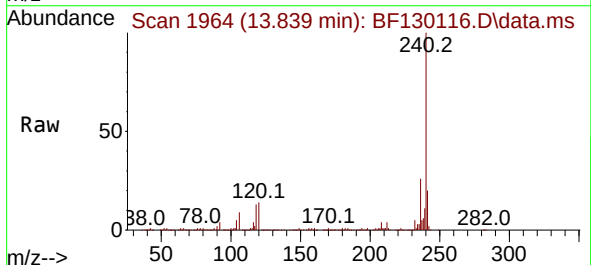
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(15-35)

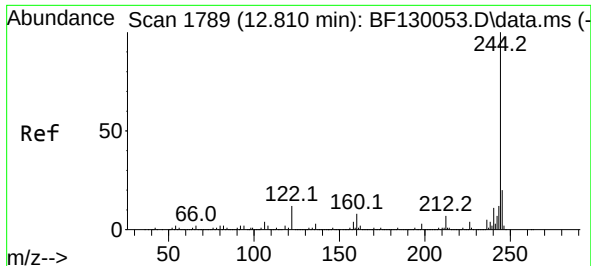
Tgt Ion:248 Resp: 26513
Ion Ratio Lower Upper
248 100
250 205.9 77.8 116.6#
141 577.1 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130116.D
Acq: 02 Sep 2022 17:50

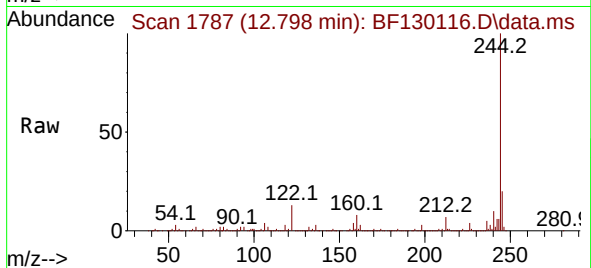
Tgt Ion:240 Resp: 470458
Ion Ratio Lower Upper
240 100
120 14.5 9.2 13.8#
236 25.9 20.7 31.1



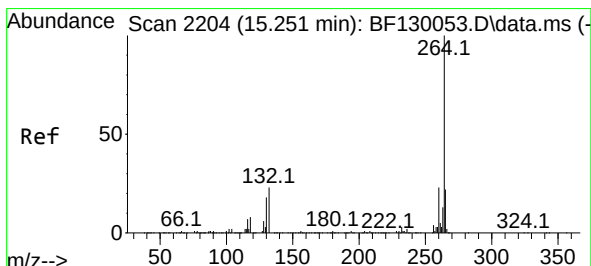
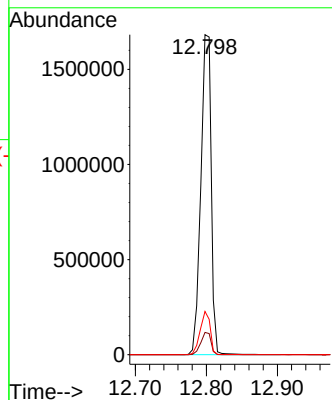
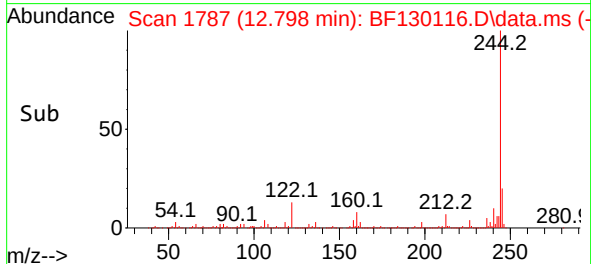


#79
 Terphenyl-d14
 Concen: 63.312 ng
 RT: 12.798 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130116.D
 Acq: 02 Sep 2022 17:50

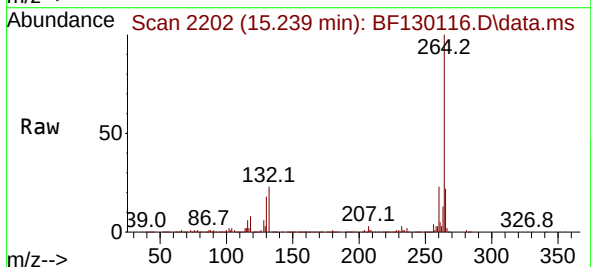
Instrument :
 BNA_F
 ClientSampleId :
 SAP2-T-5-(15-35)



Tgt Ion:244 Resp: 1717627
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 13.5 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.239 min Scan# 2202
 Delta R.T. -0.012 min
 Lab File: BF130116.D
 Acq: 02 Sep 2022 17:50



Tgt Ion:264 Resp: 381561
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 22.5 16.7 25.1

