

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090722\
 Data File : BF130169.D
 Acq On : 07 Sep 2022 18:59
 Operator : CG\JU
 Sample : N4466-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAP2-T-5-(17-23)

Quant Time: Sep 08 02:53:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

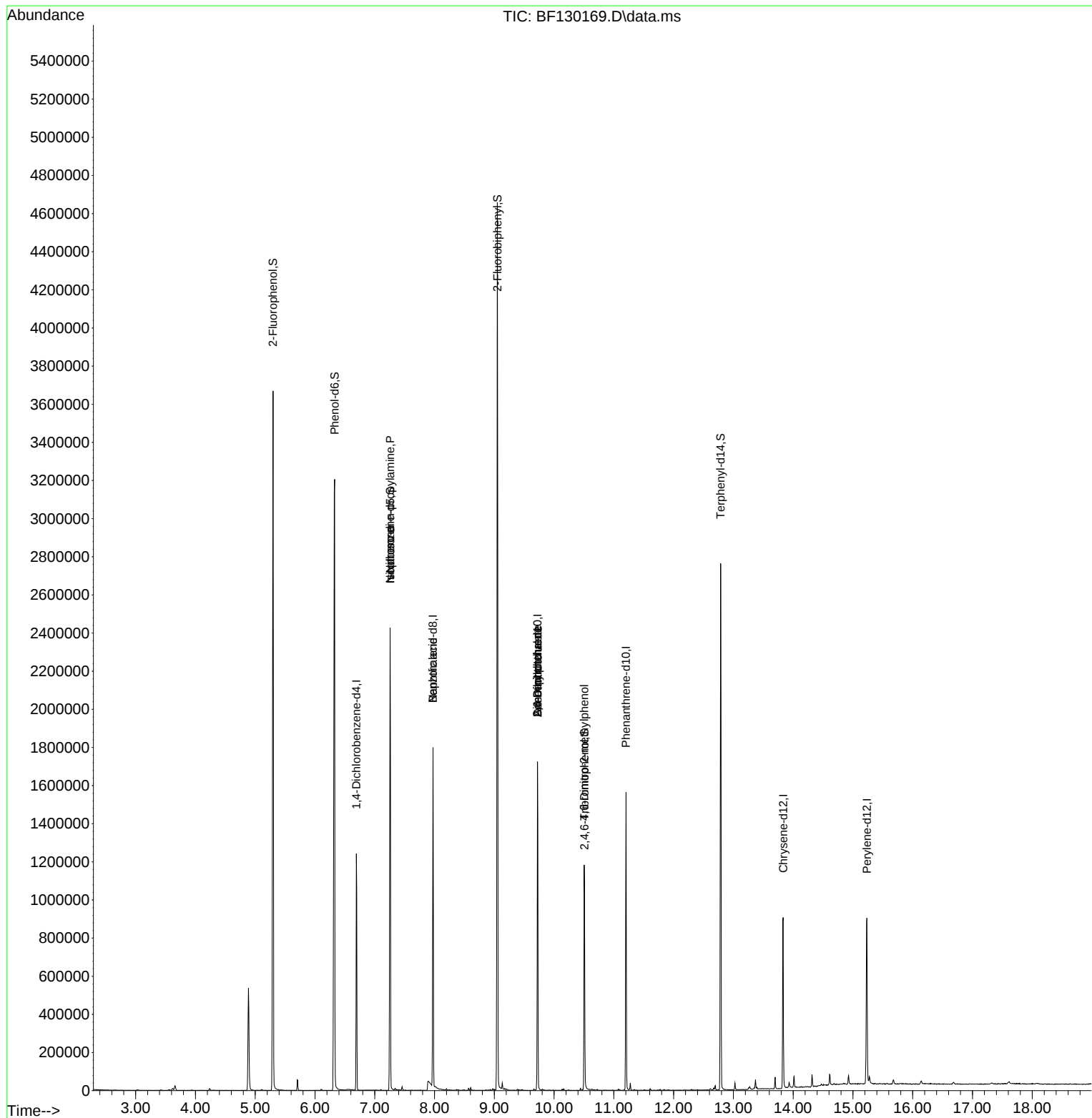
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	180917	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	706382	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	350385	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	503202	20.000	ng	0.00
76) Chrysene-d12	13.833	240	307867	20.000	ng	-0.01
86) Perylene-d12	15.233	264	376628	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	1117766	104.887	ng	0.00
7) Phenol-d6	6.328	99	1373599	103.386	ng	0.00
23) Nitrobenzene-d5	7.257	82	804040	73.151	ng	-0.01
42) 2,4,6-Tribromophenol	10.510	330	132794	41.635	ng	-0.01
45) 2-Fluorobiphenyl	9.051	172	1393988	65.961	ng	0.00
79) Terphenyl-d14	12.786	244	892228	50.257	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	102797	12.843	ng	# 74
25) Isophorone	7.257	82	800343	35.976	ng	# 65
32) Benzoic acid	7.975	122	62	6.579	ng	# 1
50) Dimethylphthalate	9.722	163	64328	2.695	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	45972	9.880	ng	# 22
57) 2,4-Dinitrotoluene	9.722	165	45972	8.581	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.504	198	246	6.171	ng	# 1

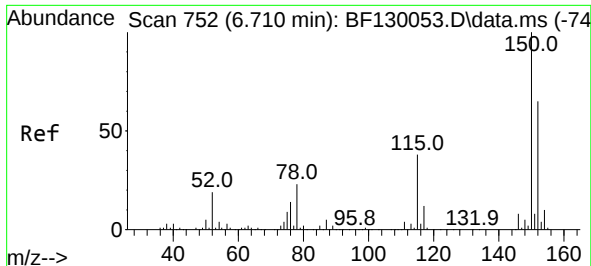
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

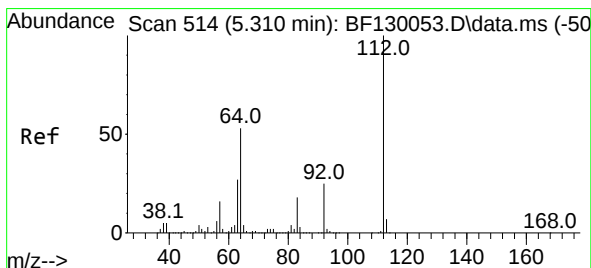
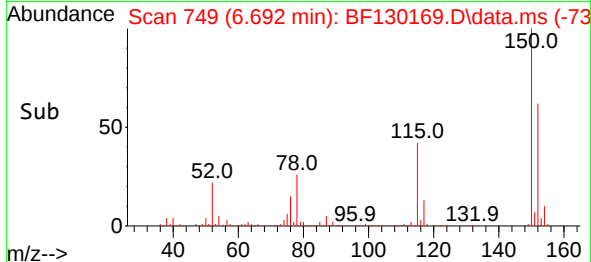
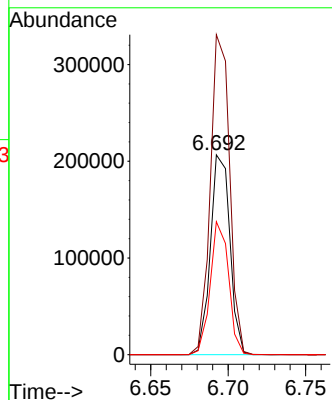
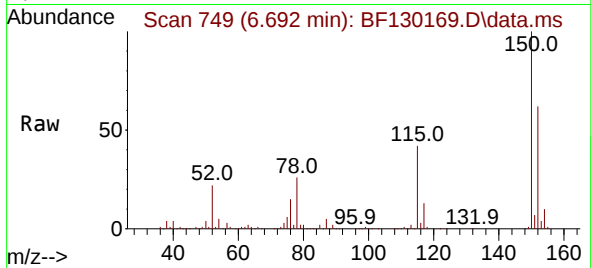




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130169.D
 Acq: 07 Sep 2022 18:59

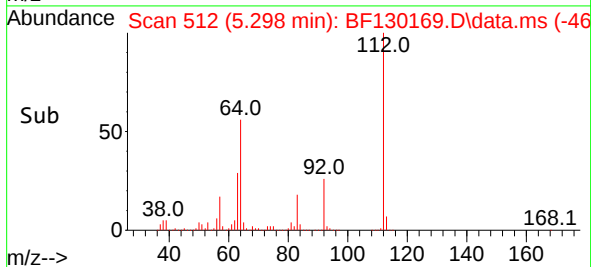
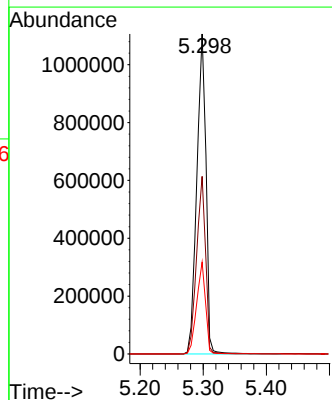
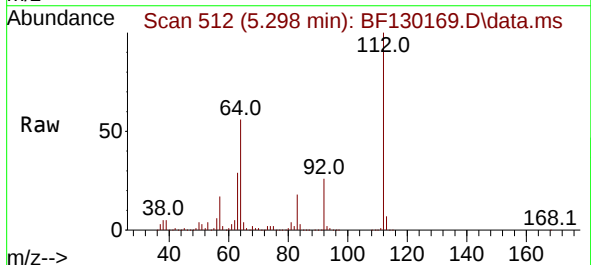
Instrument :
 BNA_F
 ClientSampleId :
 SAP2-T-5-(17-23)

Tgt Ion:152 Resp: 180917
 Ion Ratio Lower Upper
 152 100
 150 160.1 126.9 190.3
 115 66.5 53.4 80.0



#5
 2-Fluorophenol
 Concen: 104.887 ng
 RT: 5.298 min Scan# 512
 Delta R.T. -0.000 min
 Lab File: BF130169.D
 Acq: 07 Sep 2022 18:59

Tgt Ion:112 Resp: 1117766
 Ion Ratio Lower Upper
 112 100
 64 55.5 47.6 71.4
 63 28.7 24.6 37.0

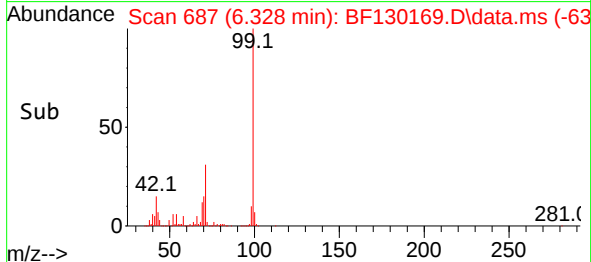
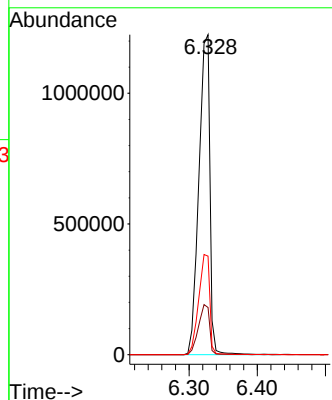
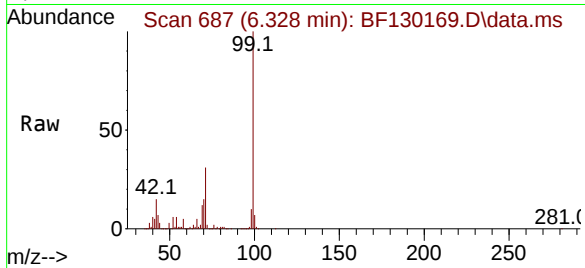




#7
Phenol-d6
Concen: 103.386 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130169.D
Acq: 07 Sep 2022 18:59

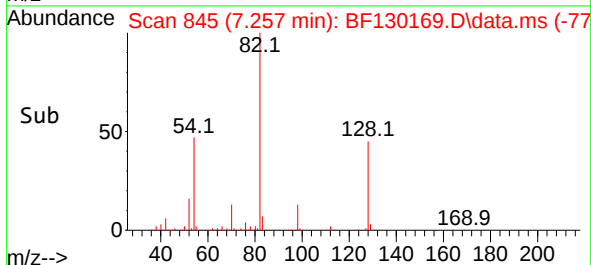
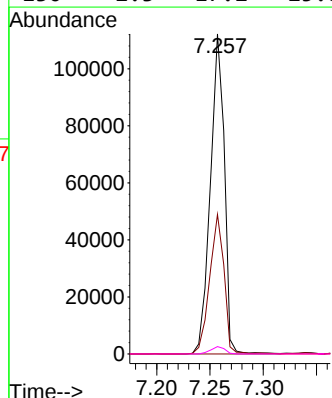
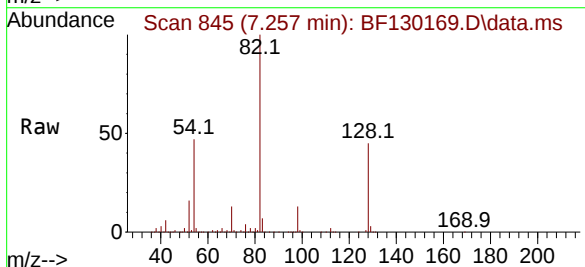
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(17-23)

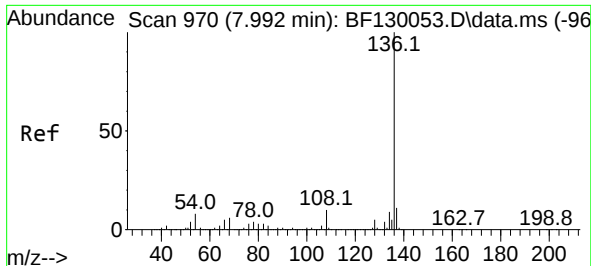
Tgt Ion: 99 Resp: 1373599
Ion Ratio Lower Upper
99 100
42 14.8 15.0 22.4#
71 30.8 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.843 ng
RT: 7.257 min Scan# 845
Delta R.T. 0.129 min
Lab File: BF130169.D
Acq: 07 Sep 2022 18:59

Tgt Ion: 70 Resp: 102797
Ion Ratio Lower Upper
70 100
42 43.6 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#

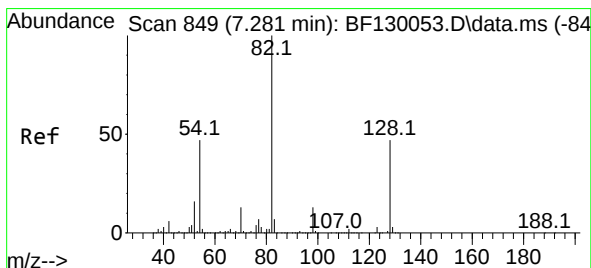
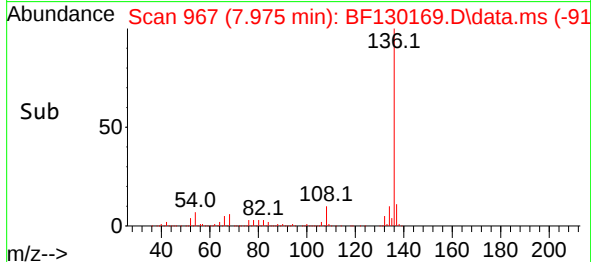
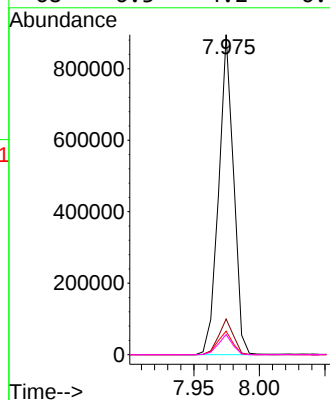
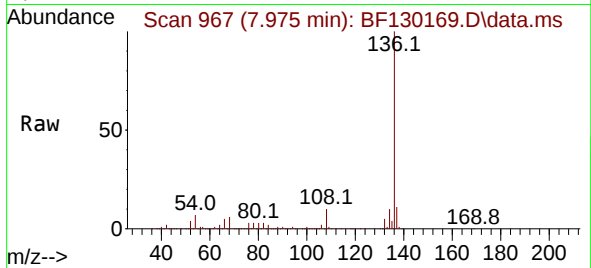




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130169.D
Acq: 07 Sep 2022 18:59

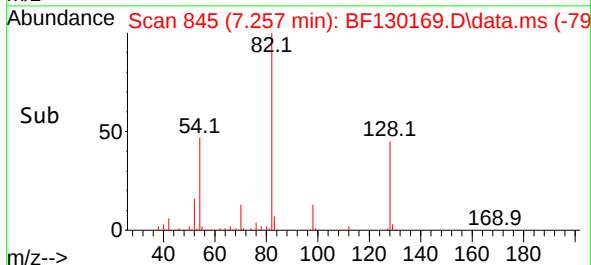
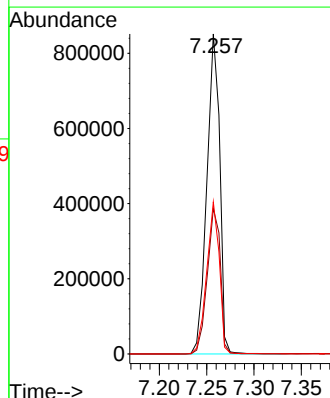
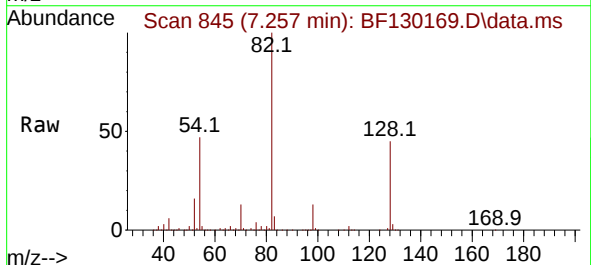
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(17-23)

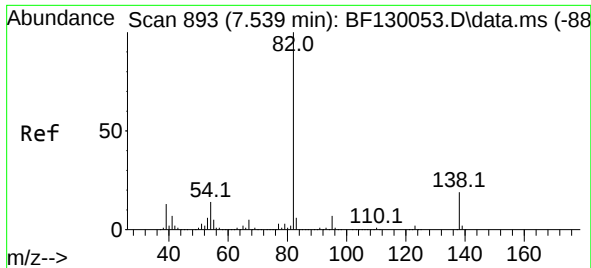
Tgt Ion:136 Resp: 706382
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.3 6.2 9.2
68 6.3 4.2 6.4



#23
Nitrobenzene-d5
Concen: 73.151 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF130169.D
Acq: 07 Sep 2022 18:59

Tgt Ion: 82 Resp: 804040
Ion Ratio Lower Upper
82 100
128 45.4 36.1 54.1
54 47.5 40.0 60.0

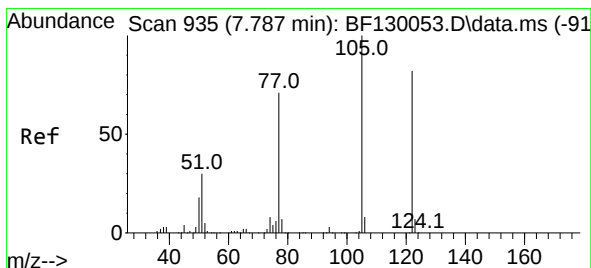
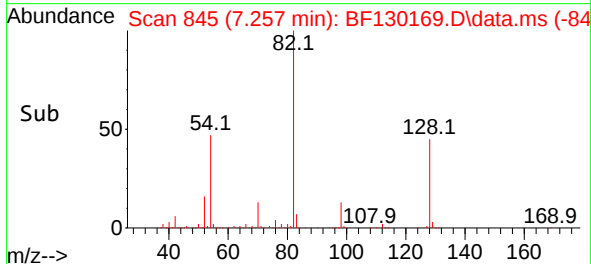
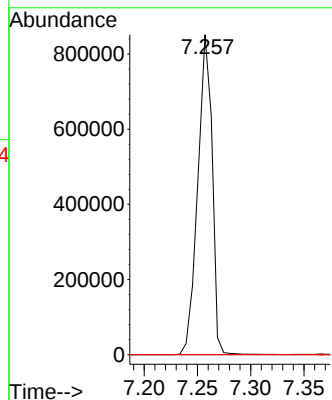
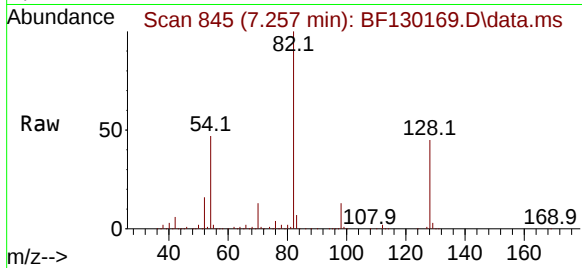




#25
Isophorone
Concen: 35.976 ng
RT: 7.257 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130169.D
Acq: 07 Sep 2022 18:59

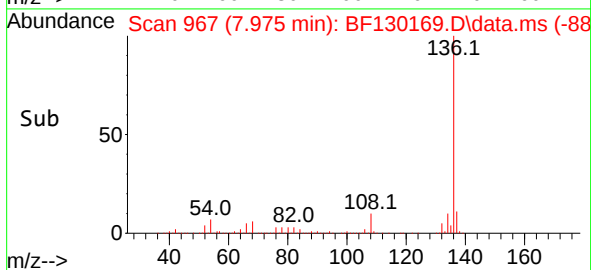
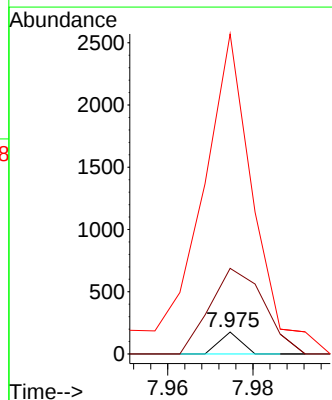
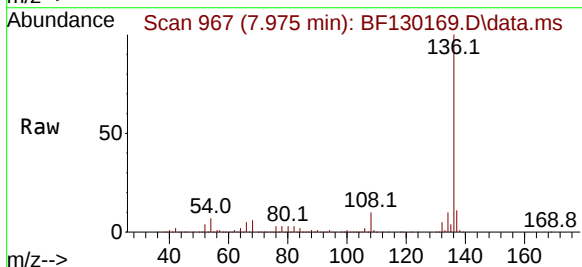
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(17-23)

Tgt Ion: 82 Resp: 800343
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.579 ng
RT: 7.975 min Scan# 967
Delta R.T. 0.206 min
Lab File: BF130169.D
Acq: 07 Sep 2022 18:59

Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 390.9 99.9 139.9#
77 1460.8 65.9 105.9#

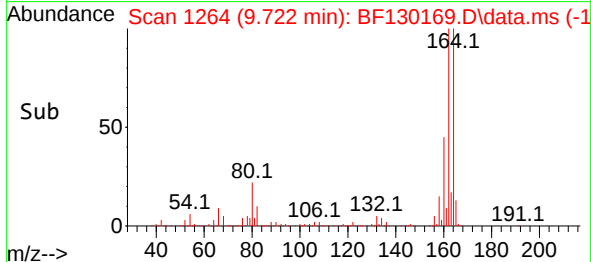
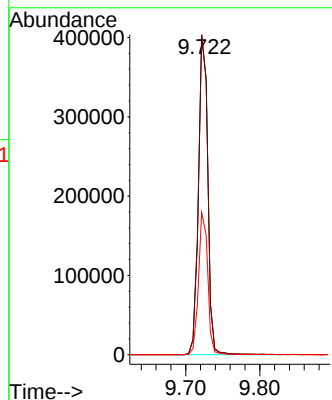
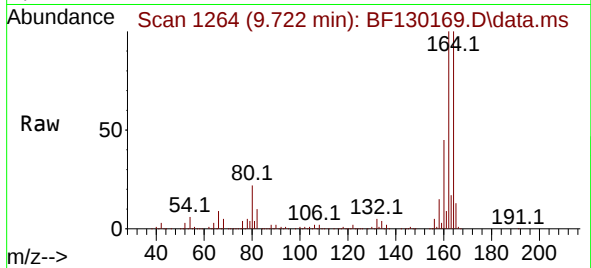




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130169.D
Acq: 07 Sep 2022 18:59

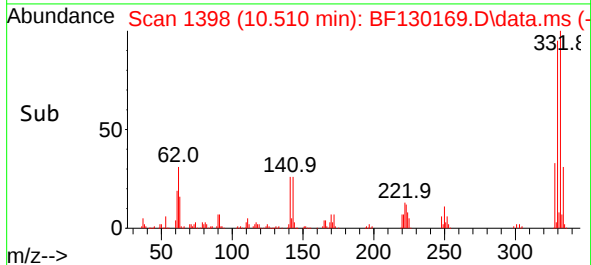
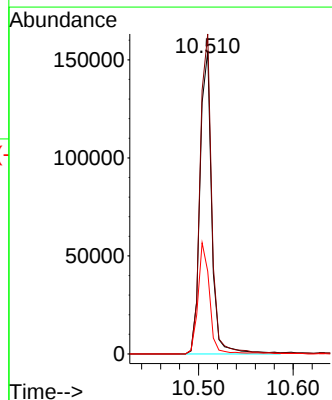
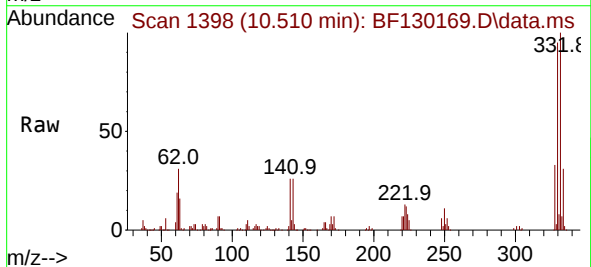
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ClientSampleId :
SAP2-T-5-(17-23)

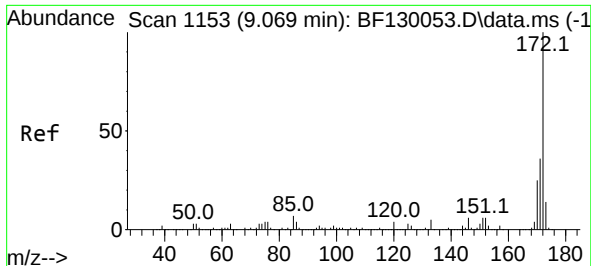
Tgt Ion:164 Resp: 350385
Ion Ratio Lower Upper
164 100
162 100.1 82.0 123.0
160 44.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 41.635 ng
RT: 10.510 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BF130169.D
Acq: 07 Sep 2022 18:59

Tgt Ion:330 Resp: 132794
Ion Ratio Lower Upper
330 100
332 106.2 82.6 124.0
141 35.8 27.6 41.4

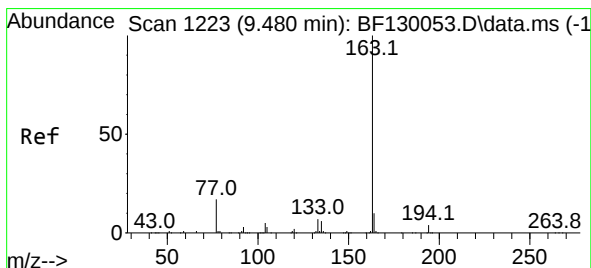
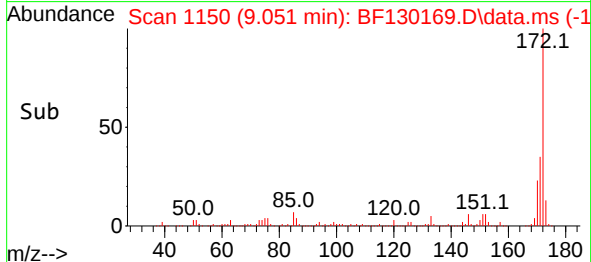
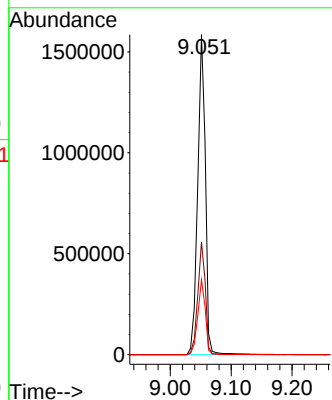
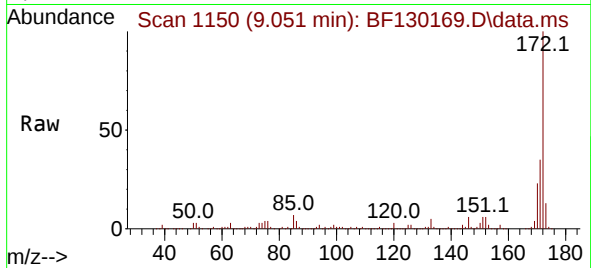




#45
2-Fluorobiphenyl
Concen: 65.961 ng
RT: 9.051 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF130169.D
Acq: 07 Sep 2022 18:59

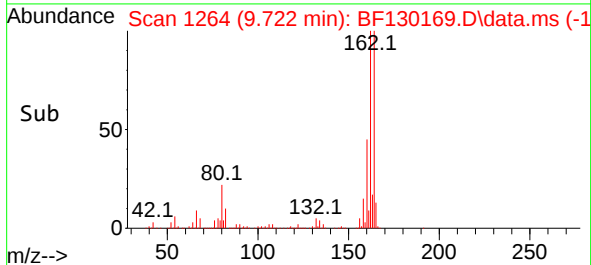
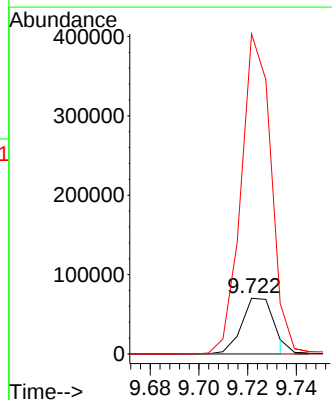
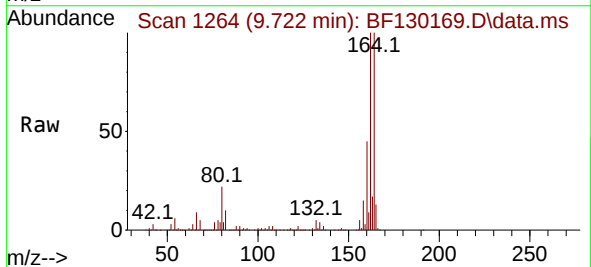
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(17-23)

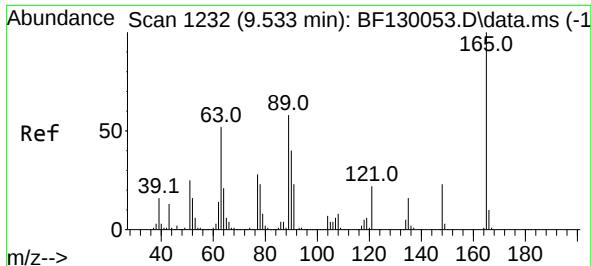
Tgt Ion:172 Resp: 1393988
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.4 19.1 28.7



#50
Dimethylphthalate
Concen: 2.695 ng
RT: 9.722 min Scan# 1264
Delta R.T. 0.253 min
Lab File: BF130169.D
Acq: 07 Sep 2022 18:59

Tgt Ion:163 Resp: 64328
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 574.9 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.880 ng

RT: 9.722 min Scan# 1264

Delta R.T. 0.194 min

Lab File: BF130169.D

Acq: 07 Sep 2022 18:59

Instrument :

BNA_F

ClientSampleId :

SAP2-T-5-(17-23)

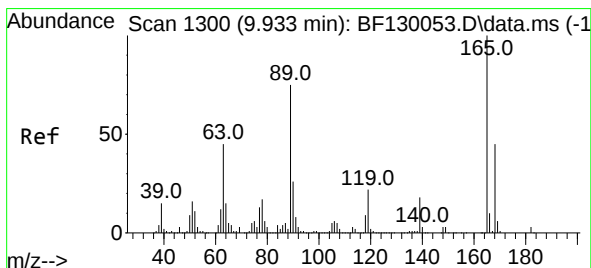
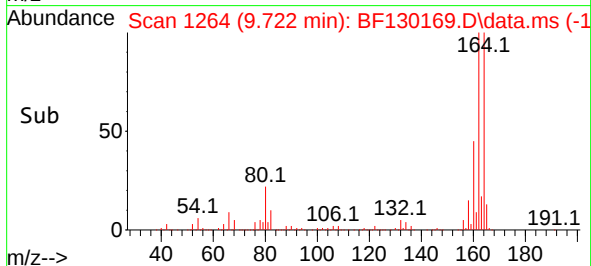
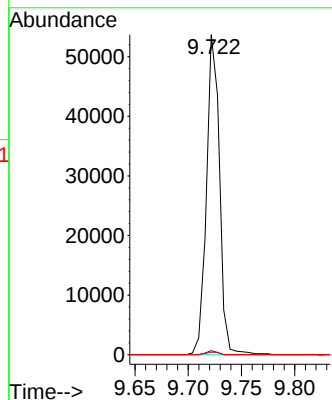
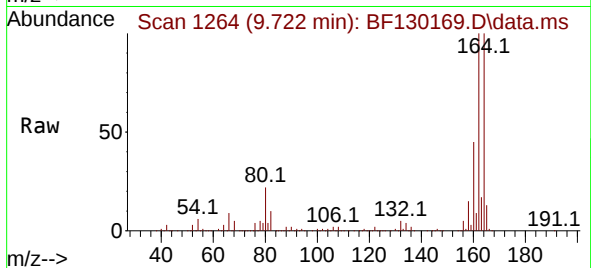
Tgt Ion:165 Resp: 45972

Ion Ratio Lower Upper

165 100

63 1.2 47.8 71.8#

89 0.8 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.581 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.200 min

Lab File: BF130169.D

Acq: 07 Sep 2022 18:59

Tgt Ion:165 Resp: 45972

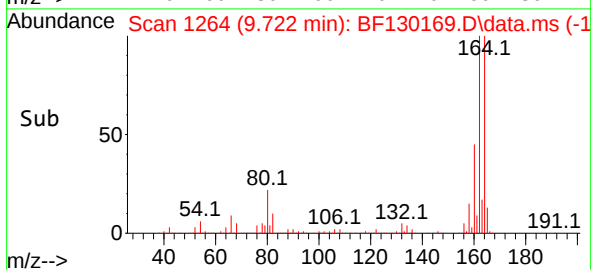
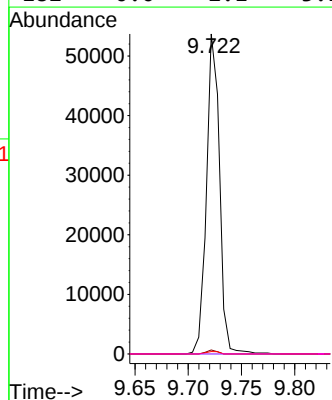
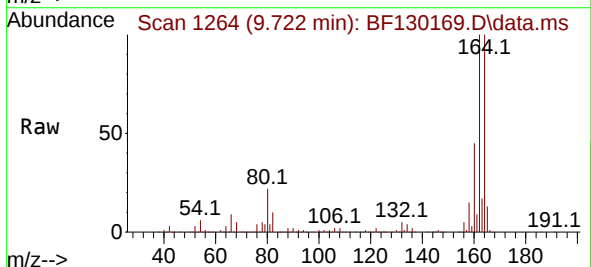
Ion Ratio Lower Upper

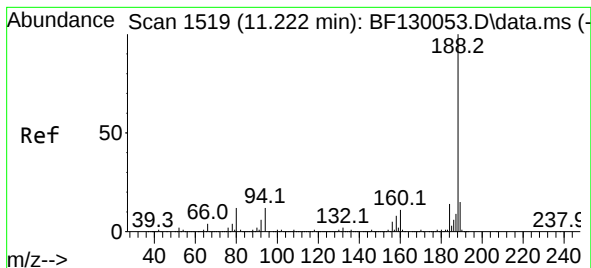
165 100

63 1.2 48.4 72.6#

89 0.8 62.3 93.5#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.204 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130169.D

Acq: 07 Sep 2022 18:59

Instrument :

BNA_F

ClientSampleId :

SAP2-T-5-(17-23)

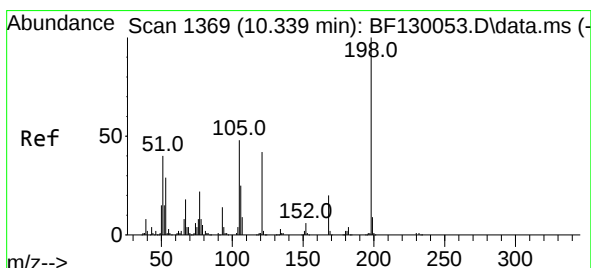
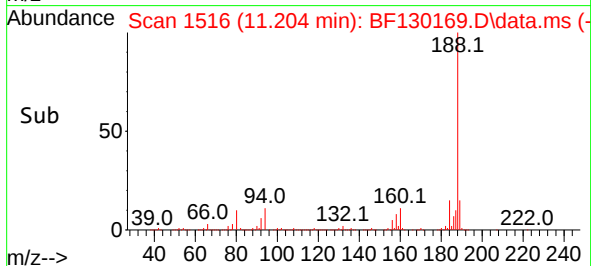
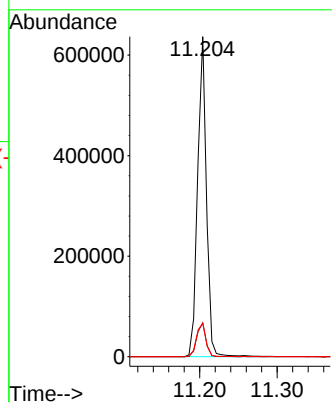
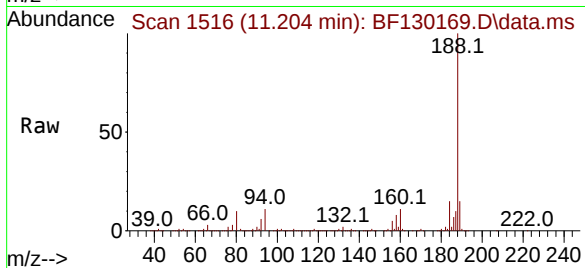
Tgt Ion:188 Resp: 503202

Ion Ratio Lower Upper

188 100

94 10.6 7.4 11.2

80 10.4 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.171 ng

RT: 10.504 min Scan# 1397

Delta R.T. 0.176 min

Lab File: BF130169.D

Acq: 07 Sep 2022 18:59

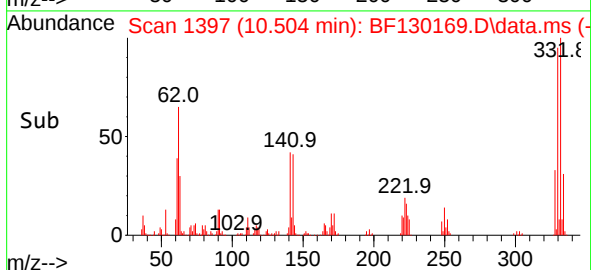
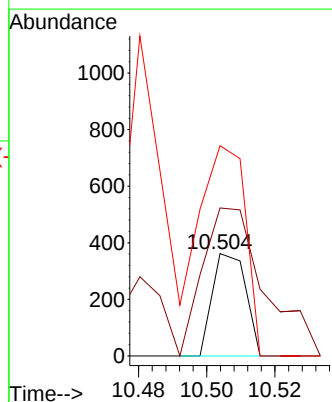
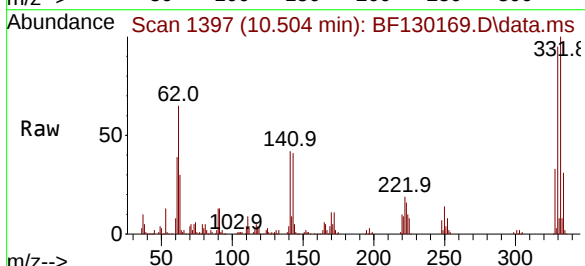
Tgt Ion:198 Resp: 246

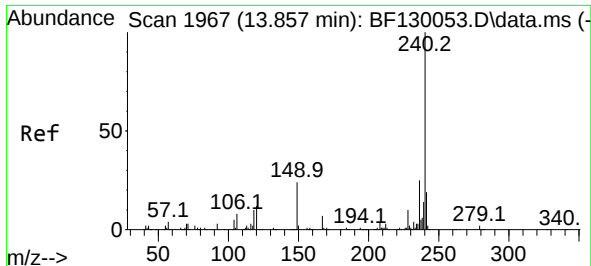
Ion Ratio Lower Upper

198 100

51 144.5 29.4 69.4#

105 205.2 29.2 69.2#

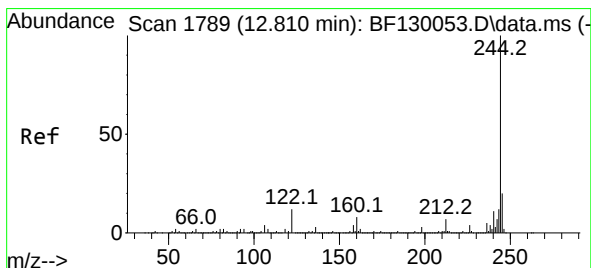
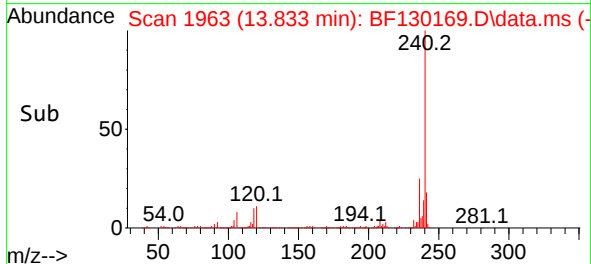
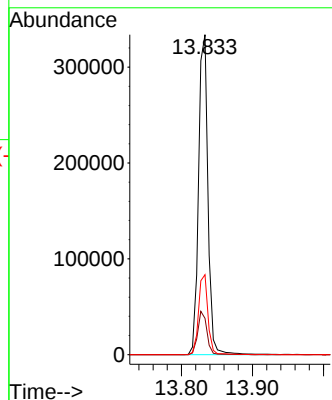
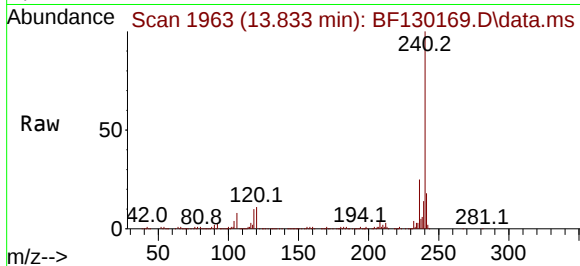




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130169.D
Acq: 07 Sep 2022 18:59

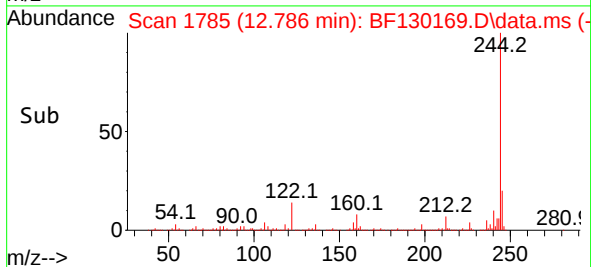
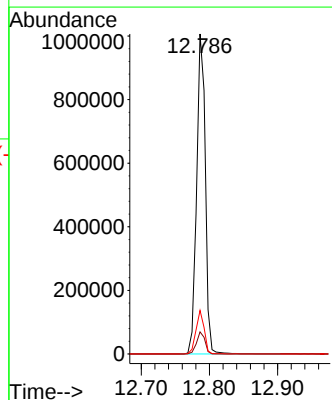
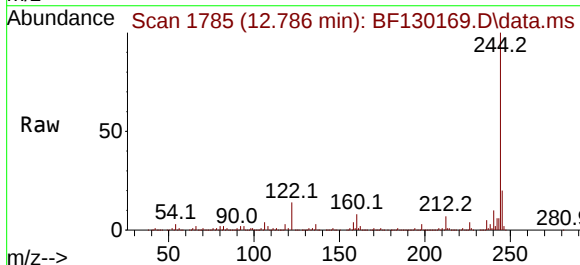
Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(17-23)

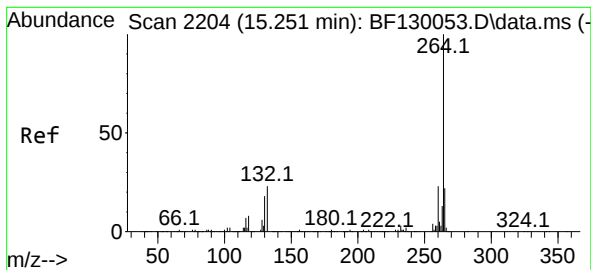
Tgt Ion:240 Resp: 307867
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.0 20.7 31.1



#79
Terphenyl-d14
Concen: 50.257 ng
RT: 12.786 min Scan# 1785
Delta R.T. -0.012 min
Lab File: BF130169.D
Acq: 07 Sep 2022 18:59

Tgt Ion:244 Resp: 892228
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 13.6 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF130169.D
Acq: 07 Sep 2022 18:59

Instrument :
BNA_F
ClientSampleId :
SAP2-T-5-(17-23)

Tgt Ion:264 Resp: 376628
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 21.2 16.7 25.1

