

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090822\
 Data File : BF130183.D
 Acq On : 08 Sep 2022 17:41
 Operator : CG\JU
 Sample : N4530-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

Quant Time: Sep 09 01:06:57 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)

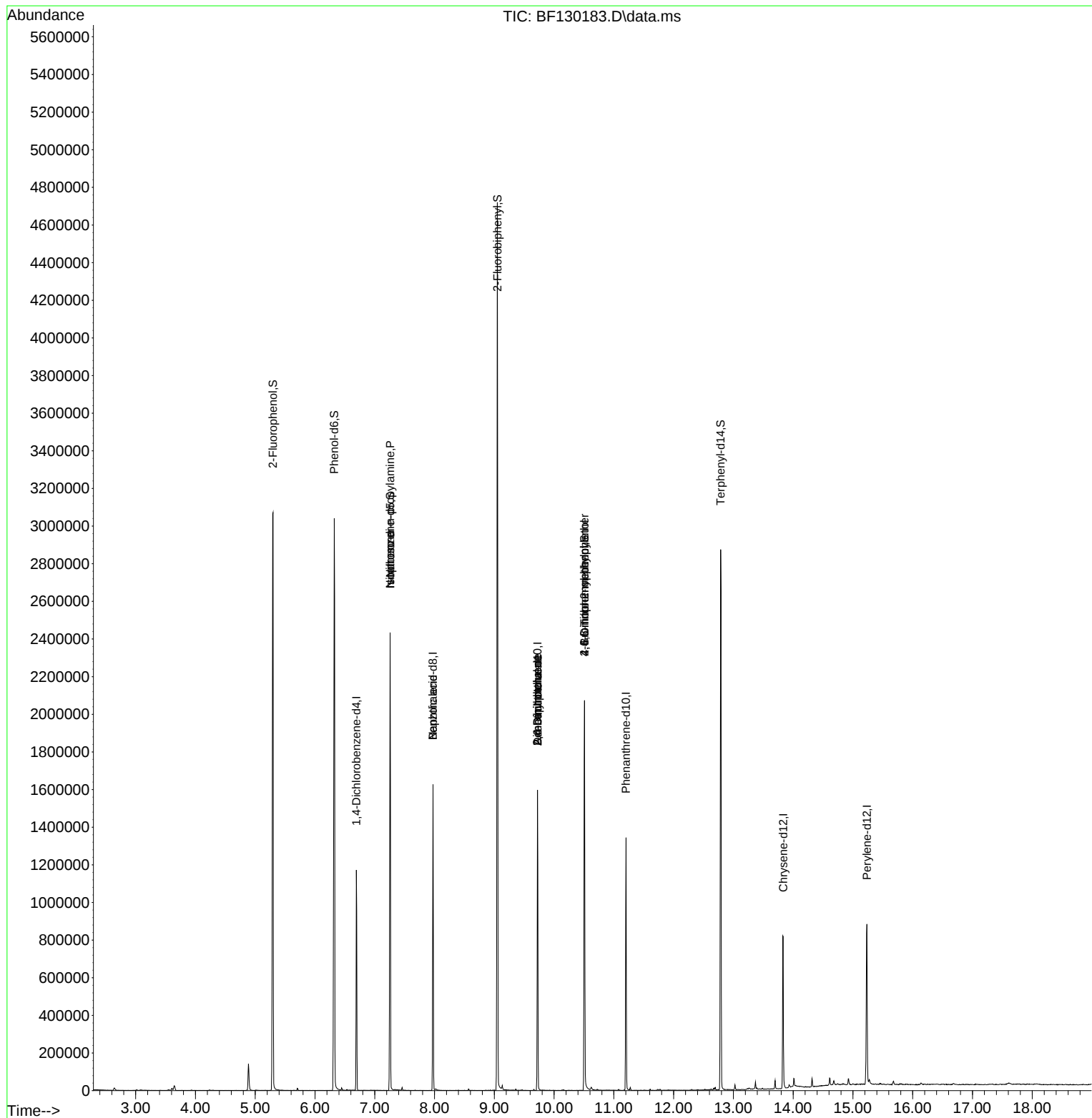
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	168804	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	639369	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	313830	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	445776	20.000	ng	0.00
76) Chrysene-d12	13.833	240	283574	20.000	ng	-0.01
86) Perylene-d12	15.233	264	356015	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	1008134	101.387	ng	0.00
7) Phenol-d6	6.322	99	1264422	101.998	ng	-0.01
23) Nitrobenzene-d5	7.257	82	763549	76.748	ng	-0.01
42) 2,4,6-Tribromophenol	10.510	330	241759	84.628	ng	-0.01
45) 2-Fluorobiphenyl	9.051	172	1402236	74.080	ng	0.00
79) Terphenyl-d14	12.786	244	997828	61.020	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	100090	13.402	ng	# 73
25) Isophorone	7.257	82	759732	37.729	ng	# 65
32) Benzoic acid	7.975	122	68	6.581	ng	# 1
50) Dimethylphthalate	9.722	163	57412	2.686	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	41544	9.968	ng	# 22
57) 2,4-Dinitrotoluene	9.722	165	41544	8.658	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.510	198	506	6.291	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	14601	2.945	ng	# 1

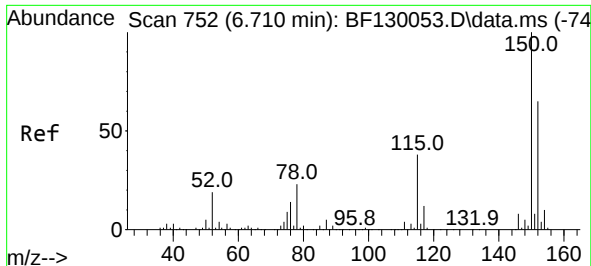
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

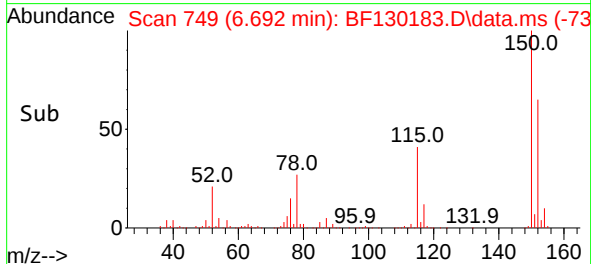
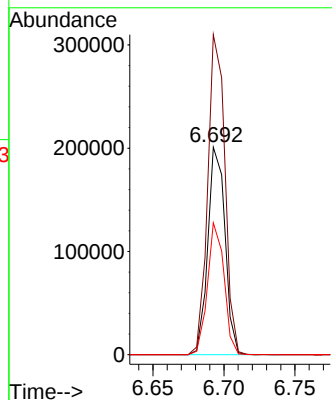
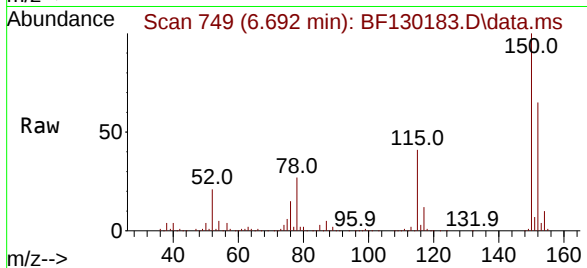




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 749
 Delta R.T. -0.006 min
 Lab File: BF130183.D
 Acq: 08 Sep 2022 17:41

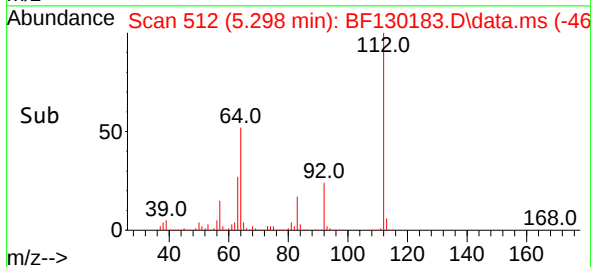
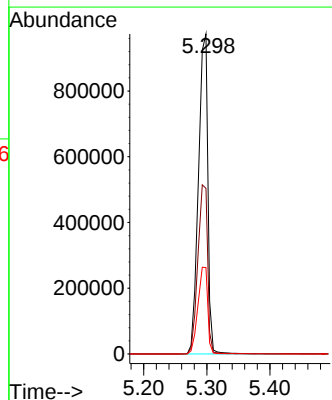
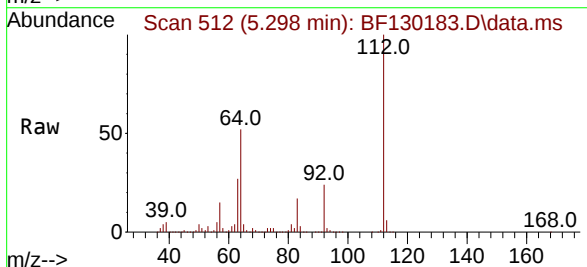
Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

Tgt Ion:152 Resp: 168804
 Ion Ratio Lower Upper
 152 100
 150 154.2 126.9 190.3
 115 63.6 53.4 80.0



#5
 2-Fluorophenol
 Concen: 101.387 ng
 RT: 5.298 min Scan# 512
 Delta R.T. 0.000 min
 Lab File: BF130183.D
 Acq: 08 Sep 2022 17:41

Tgt Ion:112 Resp: 1008134
 Ion Ratio Lower Upper
 112 100
 64 51.8 47.6 71.4
 63 27.0 24.6 37.0

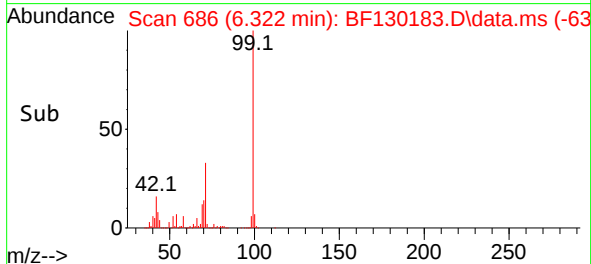
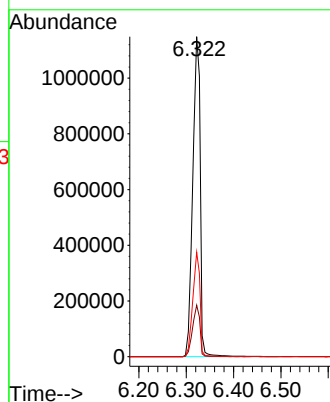
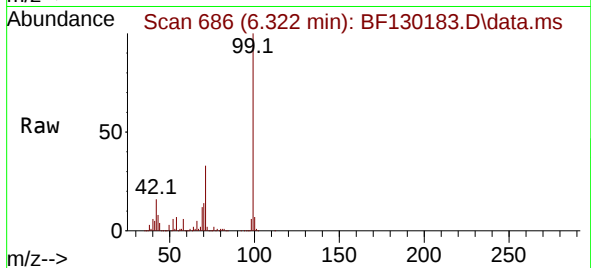




#7
Phenol-d6
Concen: 101.998 ng
RT: 6.322 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF130183.D
Acq: 08 Sep 2022 17:41

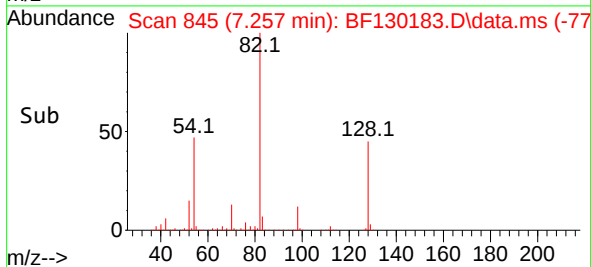
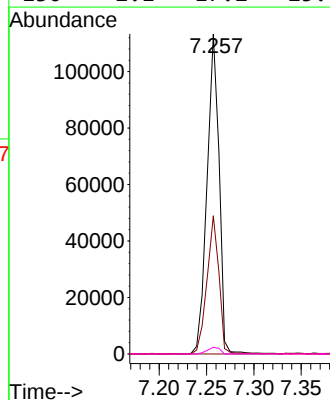
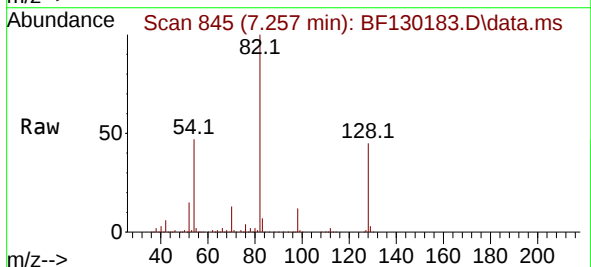
Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

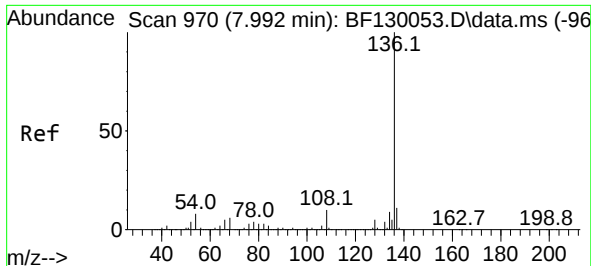
Tgt Ion: 99 Resp: 1264422
Ion Ratio Lower Upper
99 100
42 16.1 15.0 22.4
71 32.6 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.402 ng
RT: 7.257 min Scan# 845
Delta R.T. 0.129 min
Lab File: BF130183.D
Acq: 08 Sep 2022 17:41

Tgt Ion: 70 Resp: 100090
Ion Ratio Lower Upper
70 100
42 43.2 47.6 71.4#
101 0.0 8.1 12.1#
130 2.1 17.2 25.8#



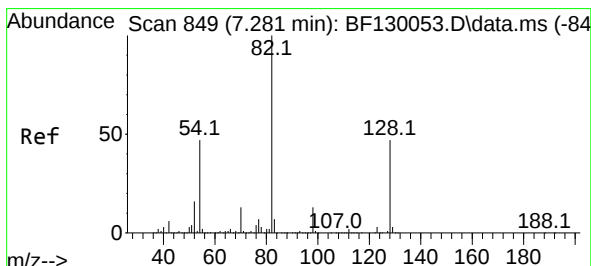
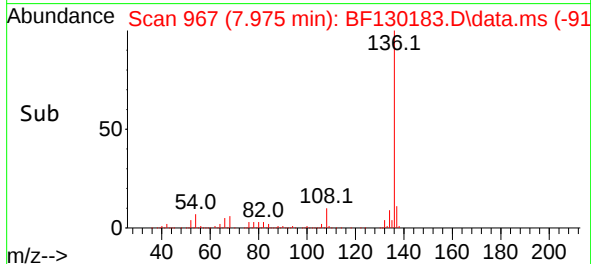
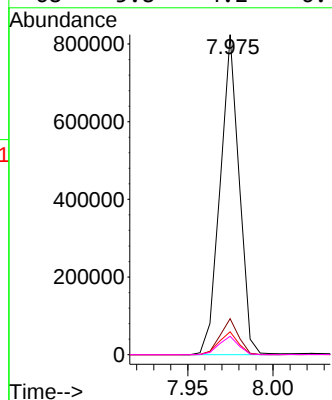
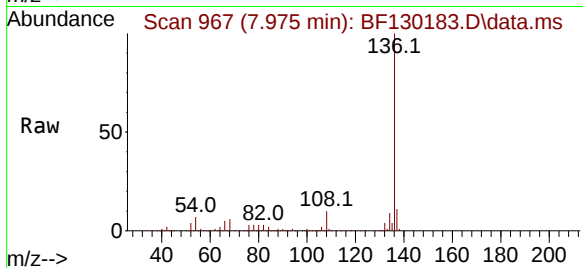


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF130183.D
Acq: 08 Sep 2022 17:41

Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

Tgt Ion:136 Resp: 639369

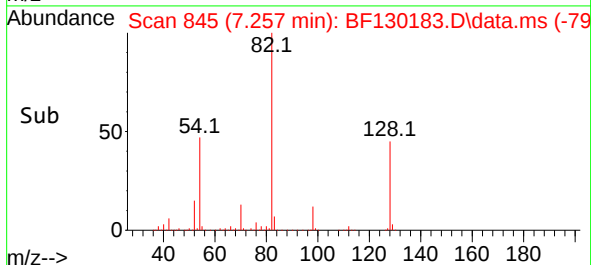
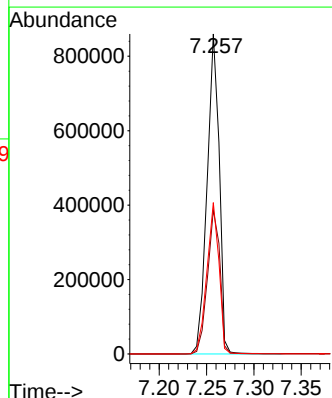
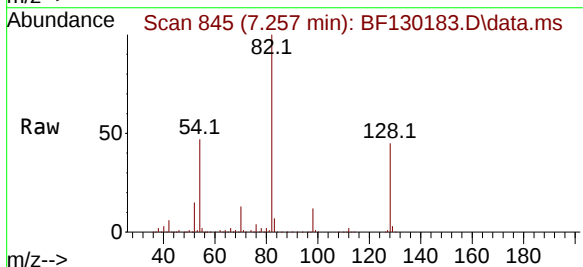
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	7.2	6.2	9.2
68	5.8	4.2	6.4



#23
Nitrobenzene-d5
Concen: 76.748 ng
RT: 7.257 min Scan# 845
Delta R.T. -0.012 min
Lab File: BF130183.D
Acq: 08 Sep 2022 17:41

Tgt Ion: 82 Resp: 763549

Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	47.3	40.0	60.0

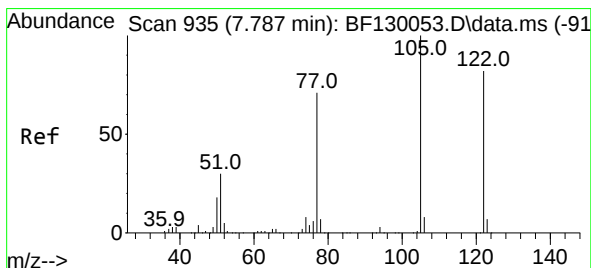
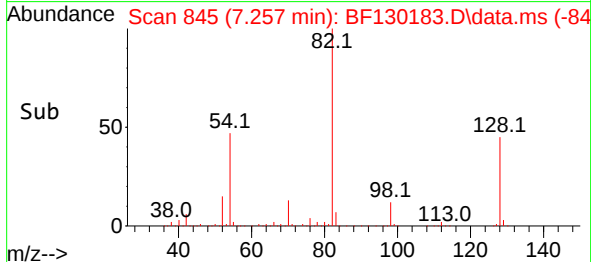
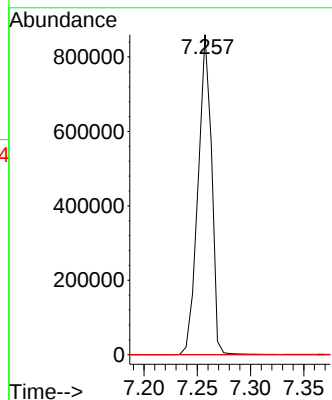
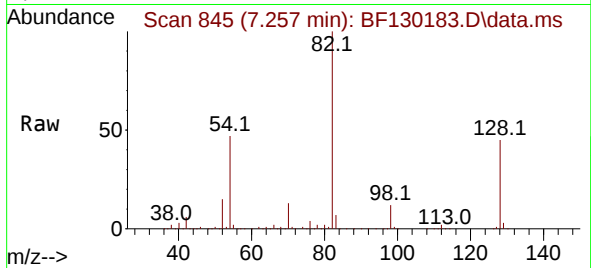




#25
Isophorone
Concen: 37.729 ng
RT: 7.257 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130183.D
Acq: 08 Sep 2022 17:41

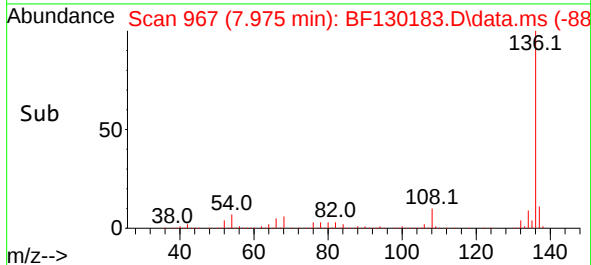
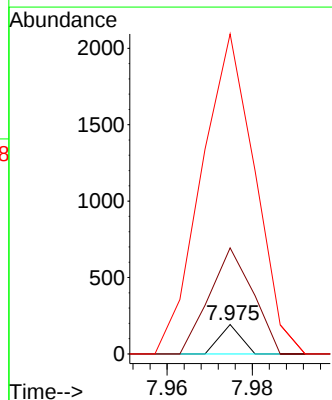
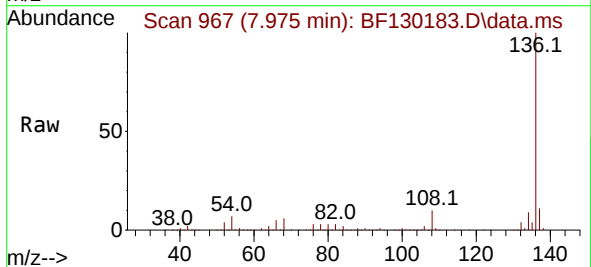
Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

Tgt Ion: 82 Resp: 759732
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.581 ng
RT: 7.975 min Scan# 967
Delta R.T. 0.206 min
Lab File: BF130183.D
Acq: 08 Sep 2022 17:41

Tgt Ion: 122 Resp: 68
Ion Ratio Lower Upper
122 100
105 361.5 99.9 139.9#
77 1090.6 65.9 105.9#

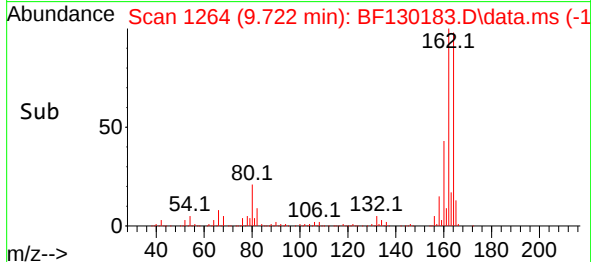
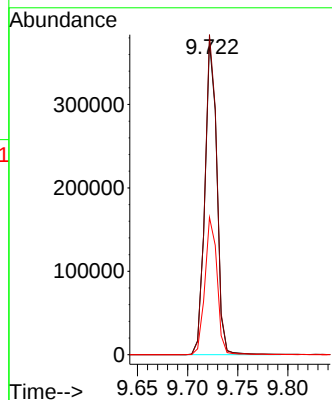
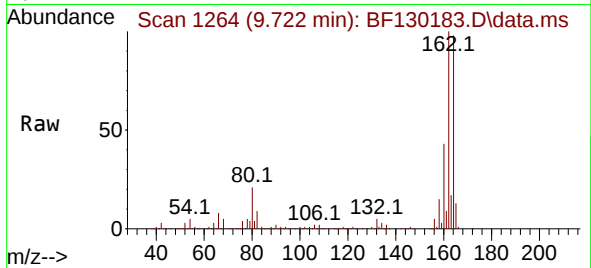




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130183.D
Acq: 08 Sep 2022 17:41

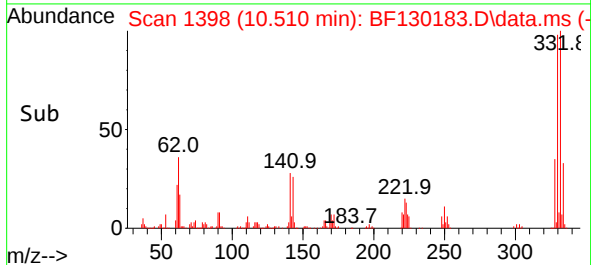
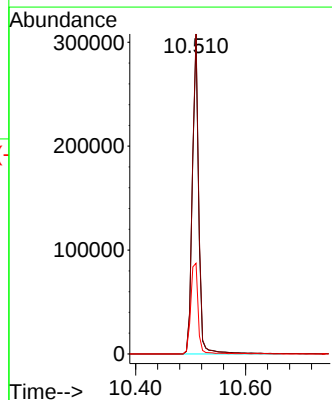
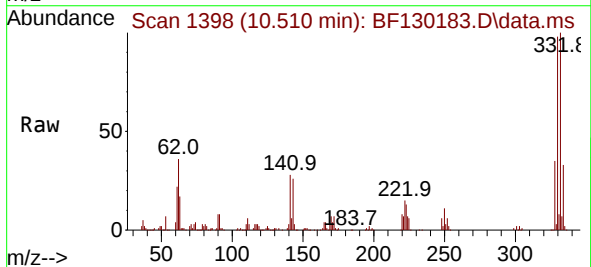
Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

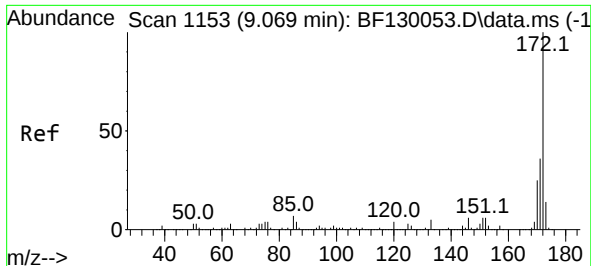
Tgt Ion:164 Resp: 313830
Ion Ratio Lower Upper
164 100
162 102.2 82.0 123.0
160 43.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 84.628 ng
RT: 10.510 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BF130183.D
Acq: 08 Sep 2022 17:41

Tgt Ion:330 Resp: 241759
Ion Ratio Lower Upper
330 100
332 101.9 82.6 124.0
141 33.9 27.6 41.4

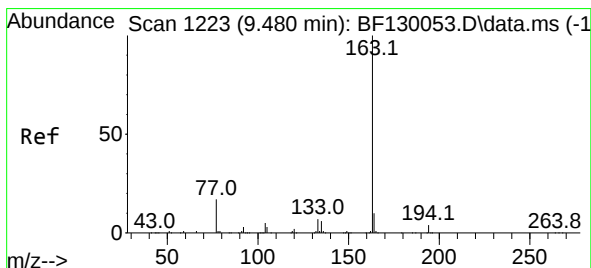
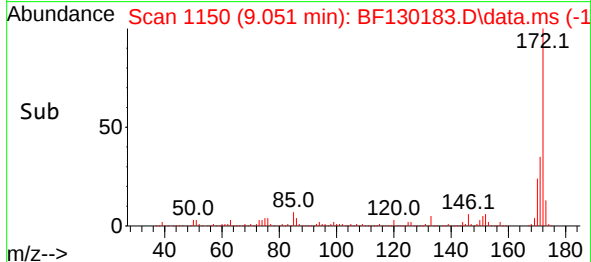
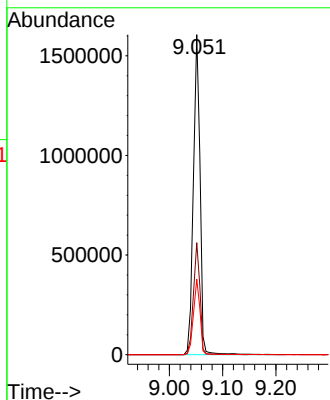
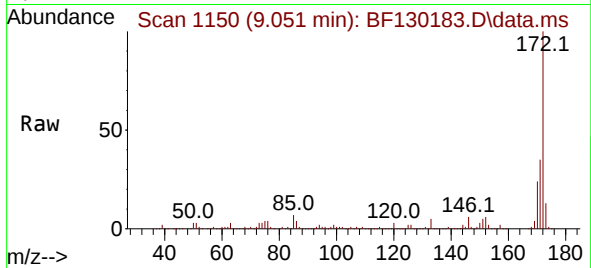




#45
2-Fluorobiphenyl
Concen: 74.080 ng
RT: 9.051 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF130183.D
Acq: 08 Sep 2022 17:41

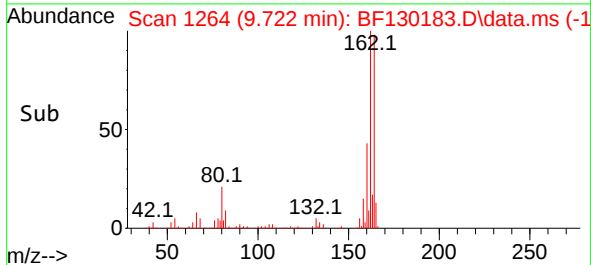
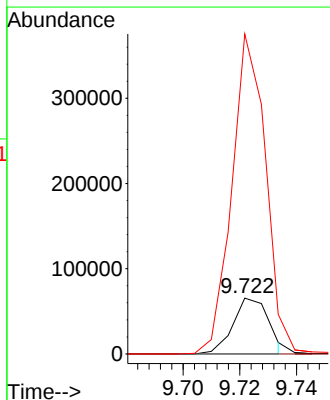
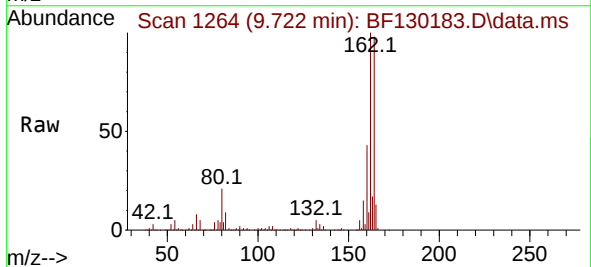
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ClientSampleId :
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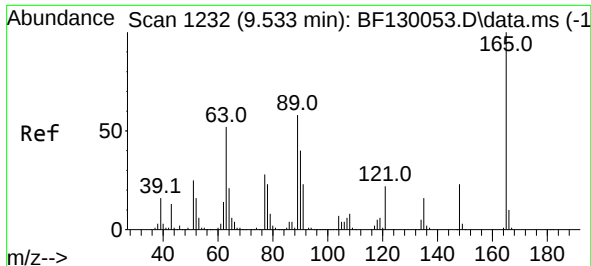
Tgt Ion:172 Resp: 1402236
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.6 19.1 28.7



#50
Dimethylphthalate
Concen: 2.686 ng
RT: 9.722 min Scan# 1264
Delta R.T. 0.253 min
Lab File: BF130183.D
Acq: 08 Sep 2022 17:41

Tgt Ion:163 Resp: 57412
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 573.6 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.968 ng

RT: 9.722 min Scan# 1264

Delta R.T. 0.194 min

Lab File: BF130183.D

Acq: 08 Sep 2022 17:41

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

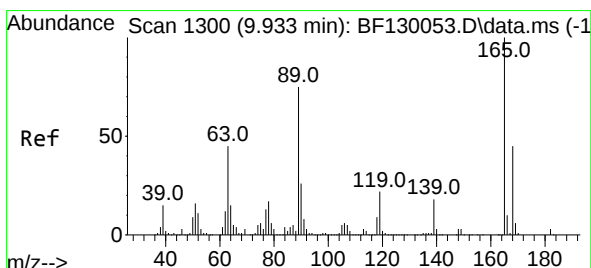
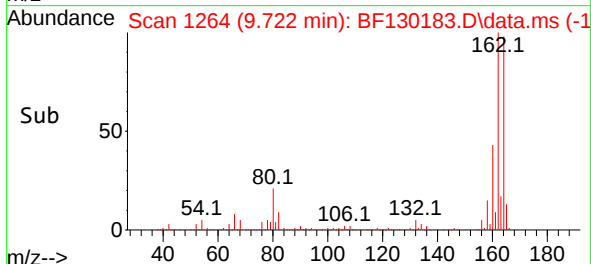
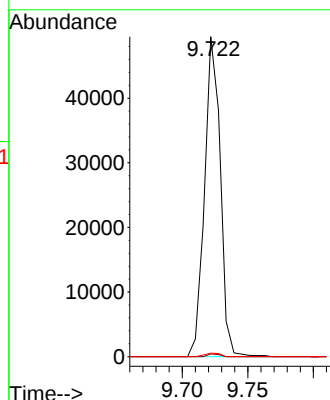
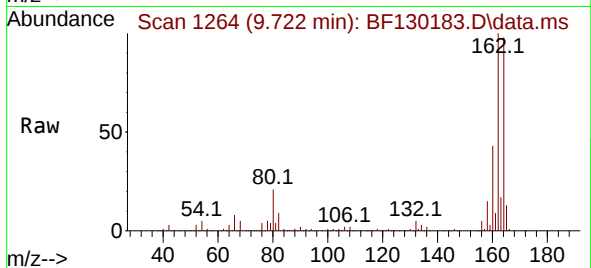
Tgt Ion:165 Resp: 41544

Ion Ratio Lower Upper

165 100

63 0.9 47.8 71.8#

89 1.1 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.658 ng

RT: 9.722 min Scan# 1264

Delta R.T. -0.200 min

Lab File: BF130183.D

Acq: 08 Sep 2022 17:41

Tgt Ion:165 Resp: 41544

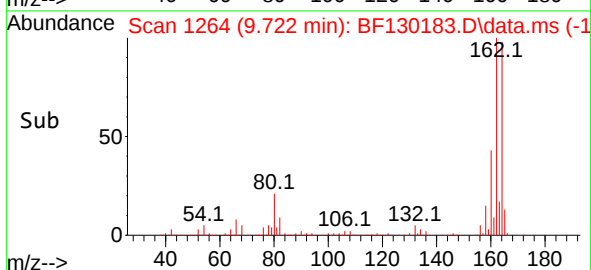
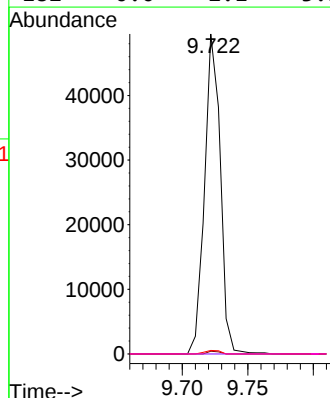
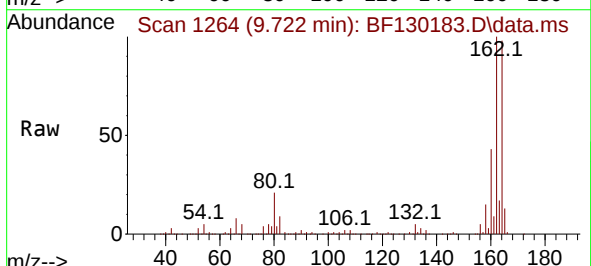
Ion Ratio Lower Upper

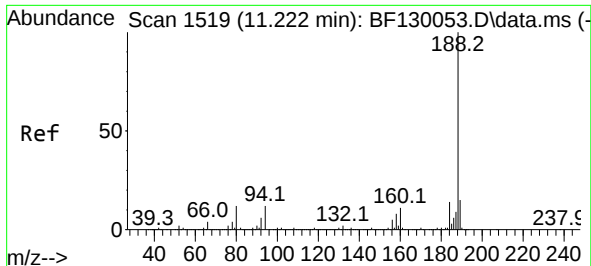
165 100

63 0.9 48.4 72.6#

89 1.1 62.3 93.5#

182 0.0 2.1 3.1#

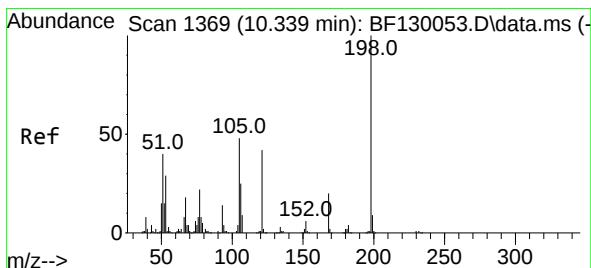
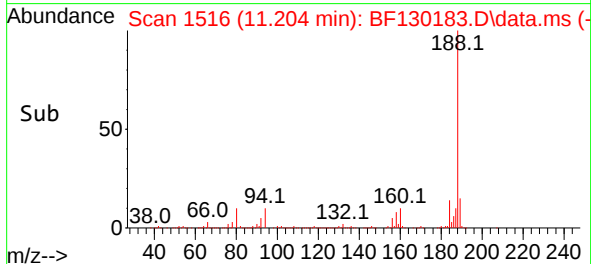
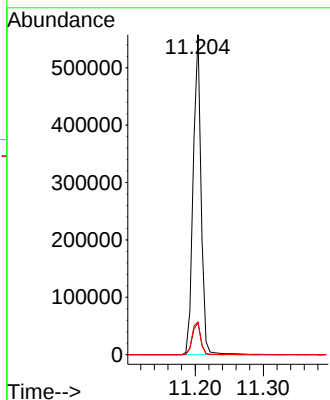
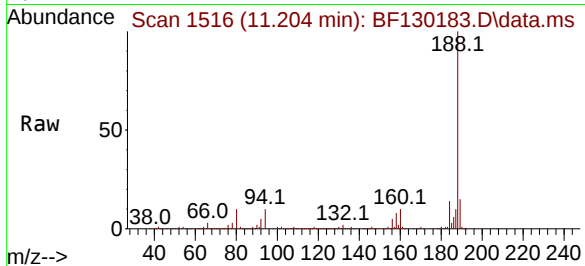




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130183.D
Acq: 08 Sep 2022 17:41

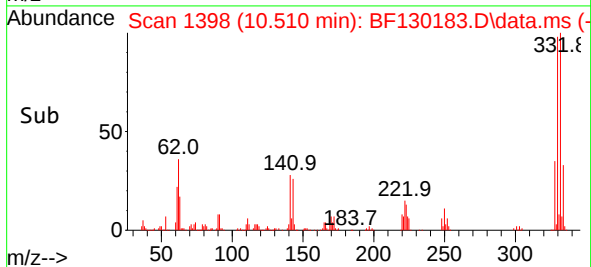
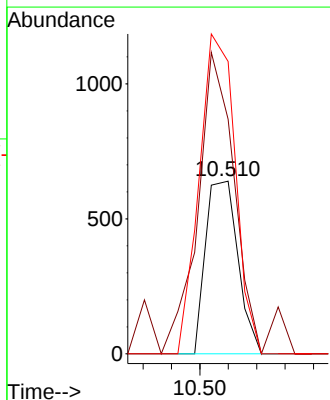
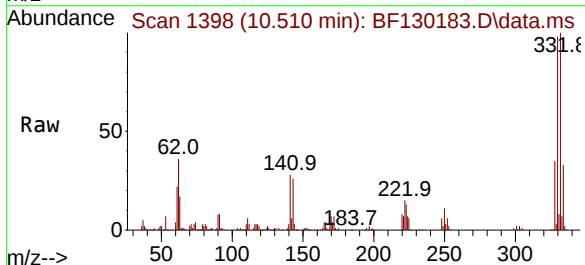
Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

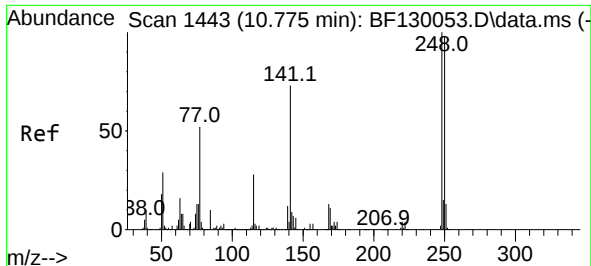
Tgt Ion:188 Resp: 445776
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 10.3 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.291 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.182 min
Lab File: BF130183.D
Acq: 08 Sep 2022 17:41

Tgt Ion:198 Resp: 506
Ion Ratio Lower Upper
198 100
51 135.8 29.4 69.4#
105 169.2 29.2 69.2#

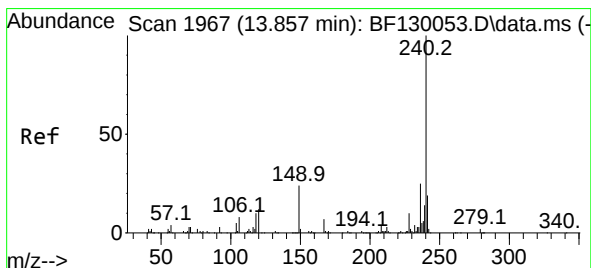
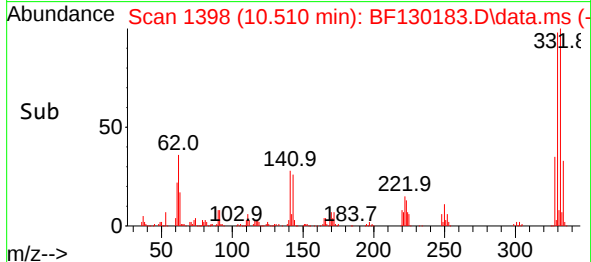
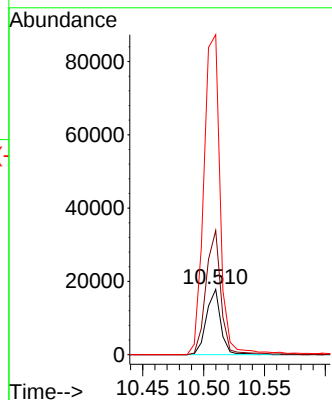
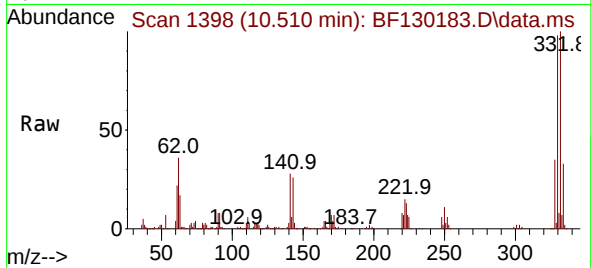




#67
4-Bromophenyl-phenylether
Concen: 2.945 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.253 min
Lab File: BF130183.D
Acq: 08 Sep 2022 17:41

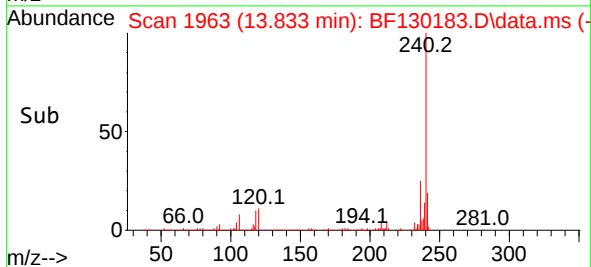
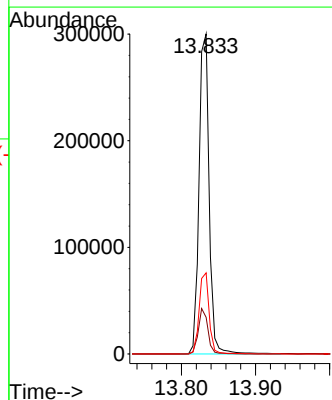
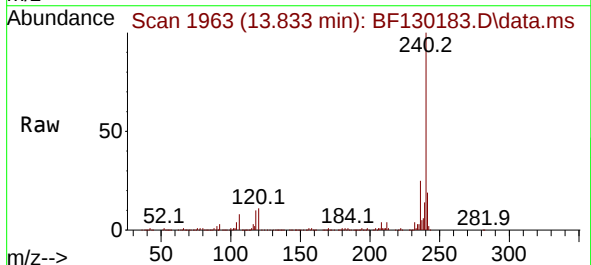
Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

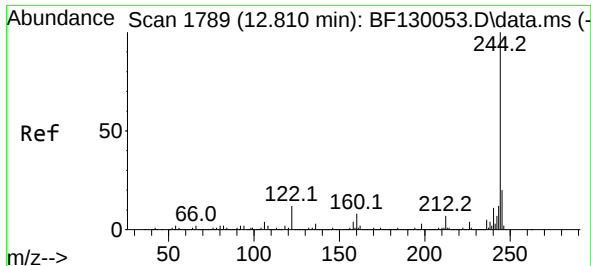
Tgt Ion:248 Resp: 14601
Ion Ratio Lower Upper
248 100
250 190.1 77.8 116.6#
141 489.8 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130183.D
Acq: 08 Sep 2022 17:41

Tgt Ion:240 Resp: 283574
Ion Ratio Lower Upper
240 100
120 11.5 9.2 13.8
236 25.3 20.7 31.1

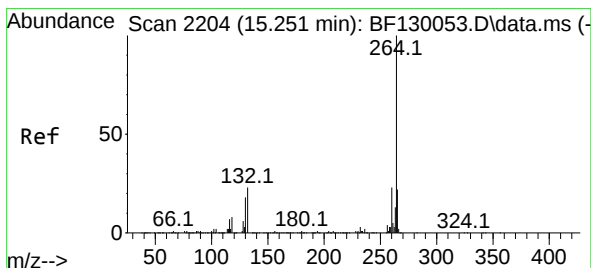
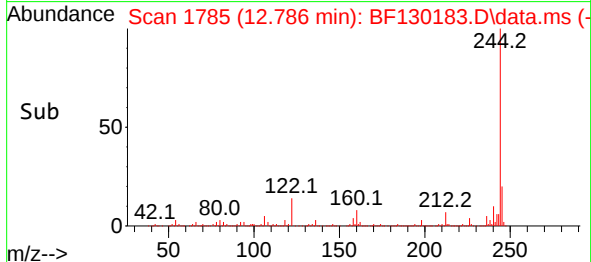
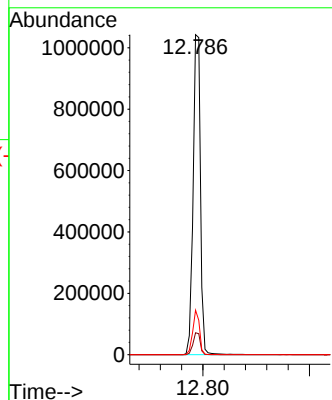
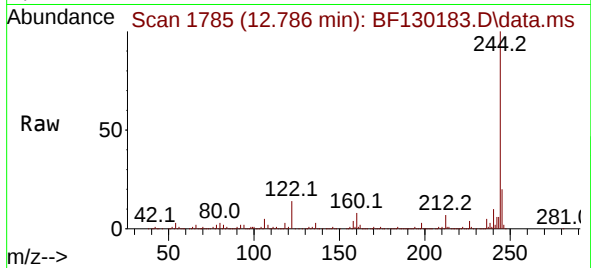




#79
 Terphenyl-d14
 Concen: 61.020 ng
 RT: 12.786 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130183.D
 Acq: 08 Sep 2022 17:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

Tgt Ion:244 Resp: 997828
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 13.9 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 2201
 Delta R.T. -0.006 min
 Lab File: BF130183.D
 Acq: 08 Sep 2022 17:41

Tgt Ion:264 Resp: 356015
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 21.4 16.7 25.1

