

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130076.D
 Acq On : 01 Sep 2022 13:38
 Operator : CG\JU
 Sample : N4421-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-PALM-SP-01

Quant Time: Sep 01 14:27:15 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)

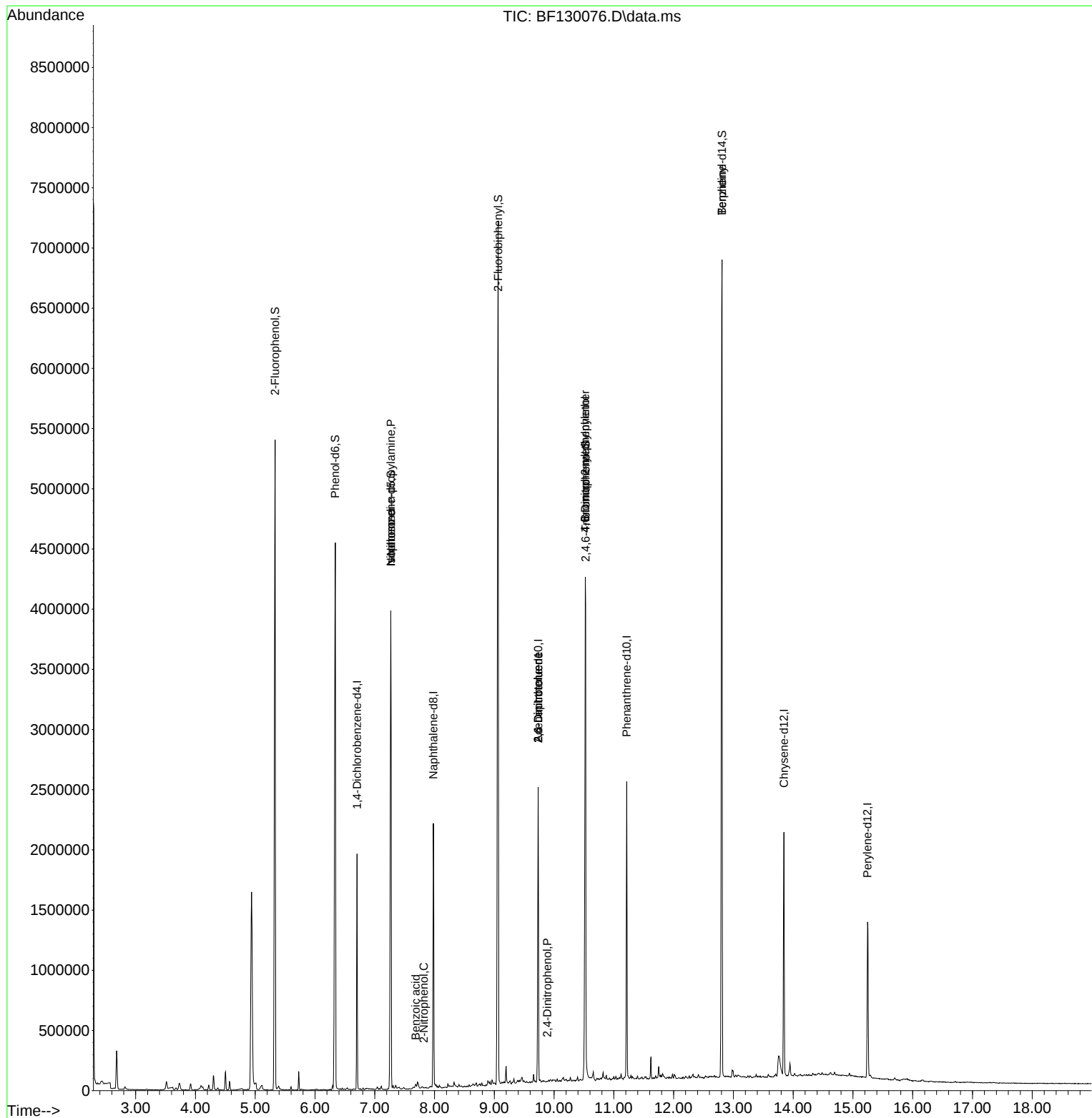
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	258310	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	1043195	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	539448	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	849077	20.000	ng	# 0.00
76) Chrysene-d12	13.845	240	630110	20.000	ng	#-0.01
86) Perylene-d12	15.245	264	568798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1893371	124.435	ng	0.02
7) Phenol-d6	6.340	99	2184824	115.175	ng	0.00
23) Nitrobenzene-d5	7.269	82	1556613	95.895	ng	-0.01
42) 2,4,6-Tribromophenol	10.527	330	676155	137.696	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	2659364	81.734	ng	0.00
79) Terphenyl-d14	12.810	244	2698673	74.270	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	203618	17.817	ng	# 72
25) Isophorone	7.269	82	1551385	47.220	ng	# 65
26) 2-Nitrophenol	7.822	139	65	3.508	ng	# 1
32) Benzoic acid	7.686	122	11683	7.468	ng	89
51) 2,6-Dinitrotoluene	9.733	165	71086	9.923	ng	# 23
54) 2,4-Dinitrophenol	9.886	184	56	8.108	ng	# 1
57) 2,4-Dinitrotoluene	9.733	165	71086	8.619	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.522	198	1910	6.498	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	39957	4.231	ng	# 1
77) Benzidine	12.810	184	36937	2.171	ng	# 92

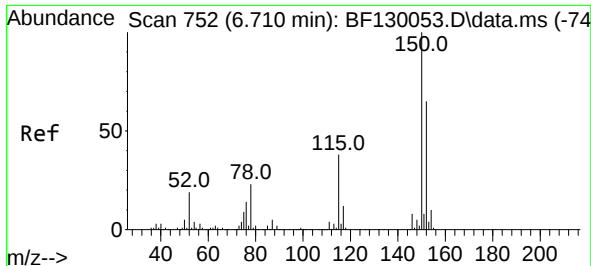
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 18:15:32 2022
Response via : Initial Calibration

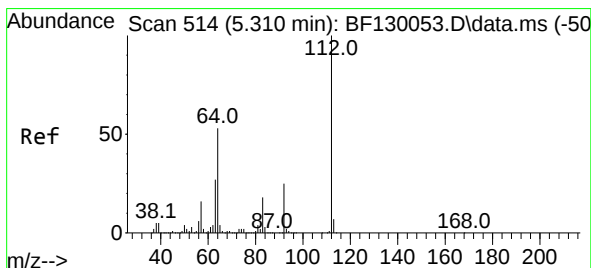
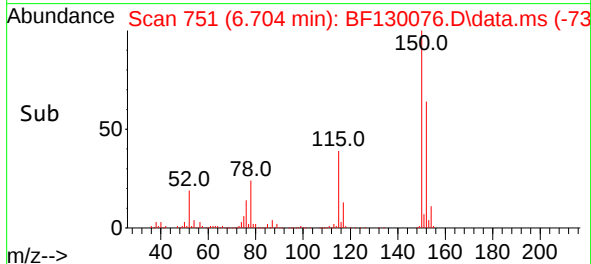
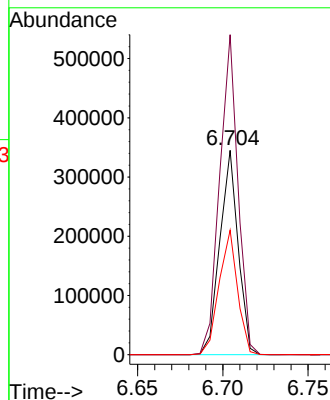
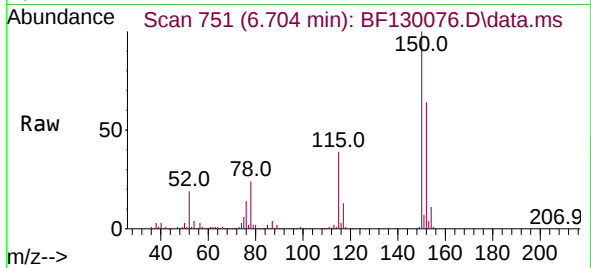




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: BF130076.D
 Acq: 01 Sep 2022 13:38

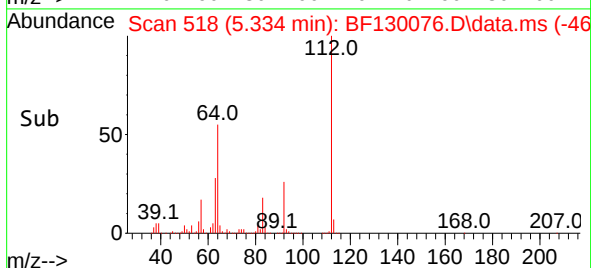
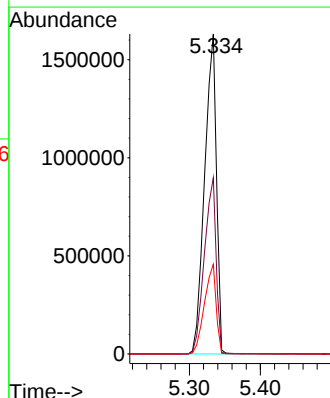
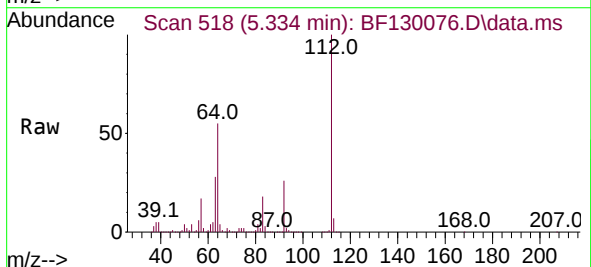
Instrument :
 BNA_F
 ClientSampleId :
 WC-PALM-SP-01

Tgt Ion:152 Resp: 258310
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.9 190.3
 115 60.9 53.4 80.0



#5
 2-Fluorophenol
 Concen: 124.435 ng
 RT: 5.334 min Scan# 518
 Delta R.T. 0.024 min
 Lab File: BF130076.D
 Acq: 01 Sep 2022 13:38

Tgt Ion:112 Resp: 1893371
 Ion Ratio Lower Upper
 112 100
 64 55.0 47.6 71.4
 63 28.1 24.6 37.0



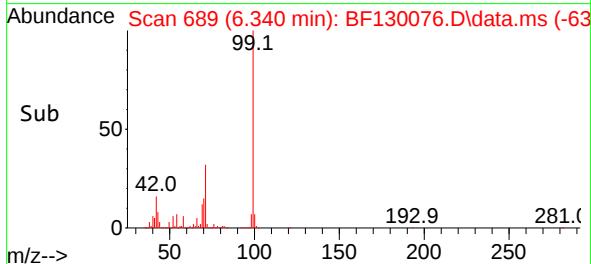
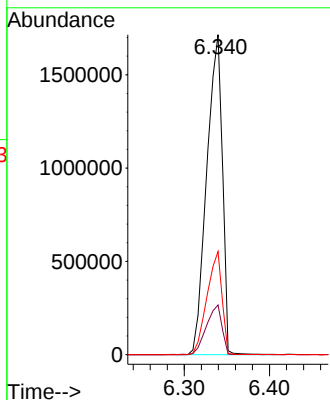
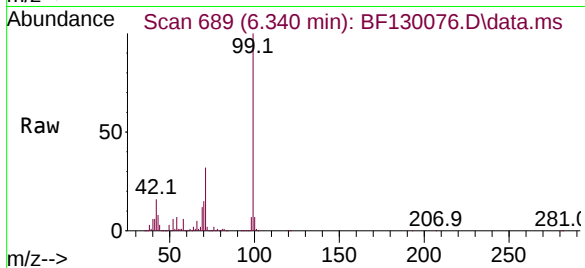


#7
Phenol-d6
Concen: 115.175 ng
RT: 6.340 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130076.D
Acq: 01 Sep 2022 13:38

Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01

Tgt Ion: 99 Resp: 2184824

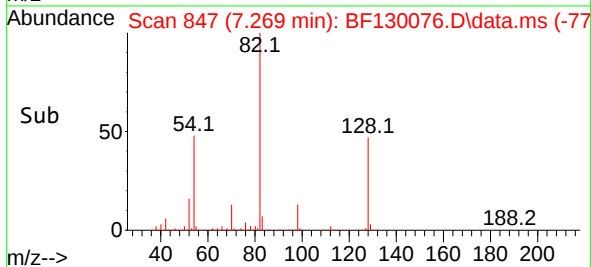
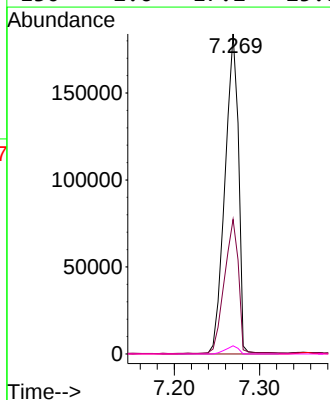
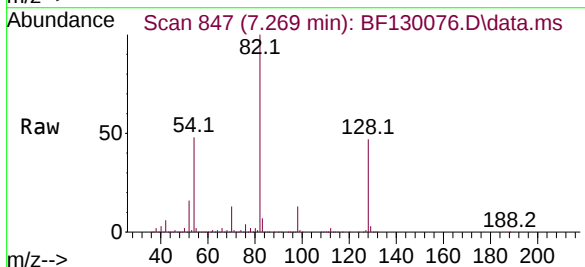
Ion	Ratio	Lower	Upper
99	100		
42	15.5	15.0	22.4
71	32.2	28.8	43.2

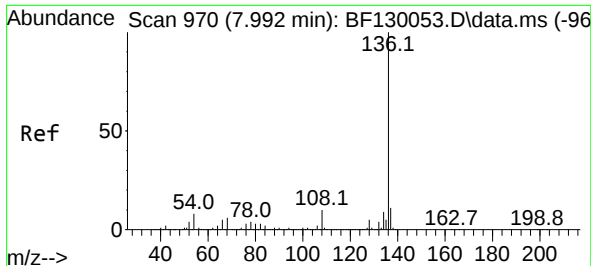


#19
n-Nitroso-di-n-propylamine
Concen: 17.817 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130076.D
Acq: 01 Sep 2022 13:38

Tgt Ion: 70 Resp: 203618

Ion	Ratio	Lower	Upper
70	100		
42	42.1	47.6	71.4#
101	0.0	8.1	12.1#
130	2.6	17.2	25.8#

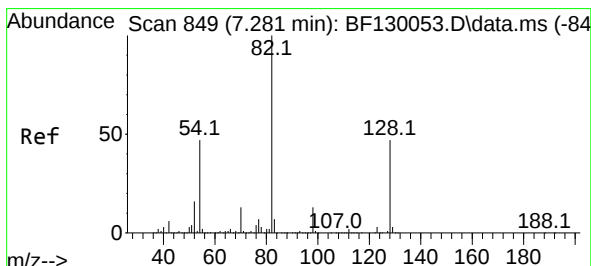
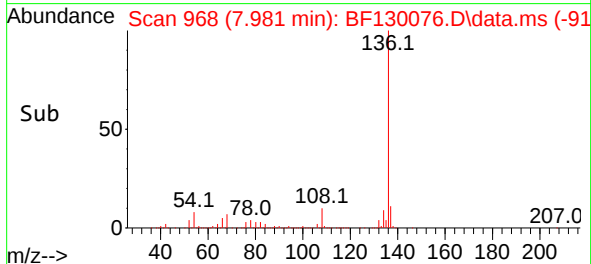
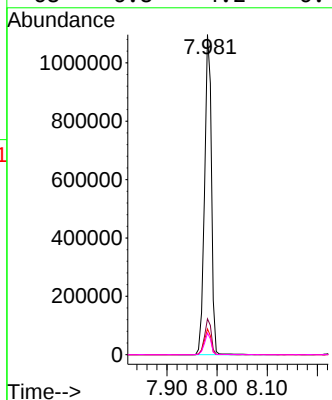
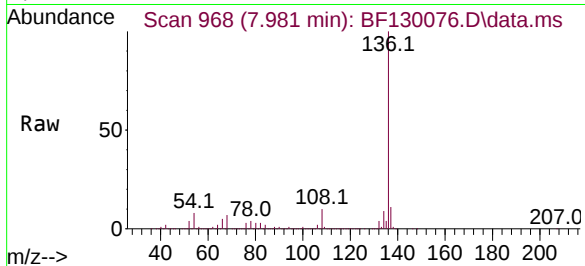




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130076.D
Acq: 01 Sep 2022 13:38

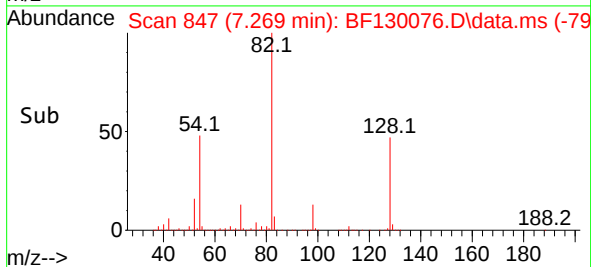
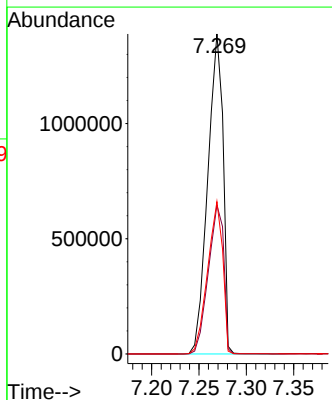
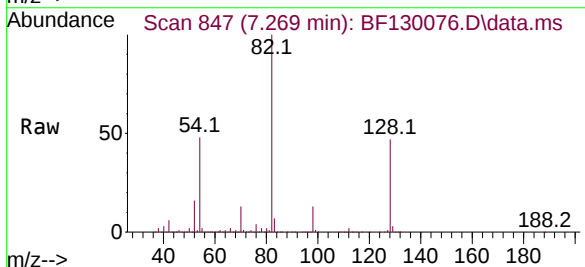
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01

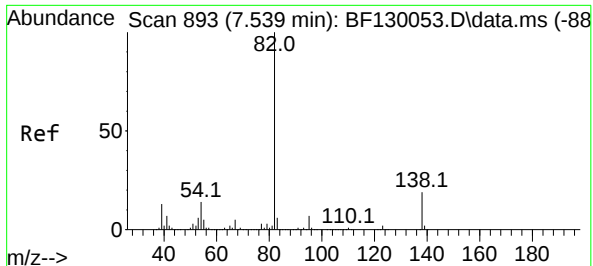
Tgt Ion:136 Resp: 1043195
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 8.0 6.2 9.2
68 6.8 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 95.895 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130076.D
Acq: 01 Sep 2022 13:38

Tgt Ion: 82 Resp: 1556613
Ion Ratio Lower Upper
82 100
128 46.6 36.1 54.1
54 47.6 40.0 60.0

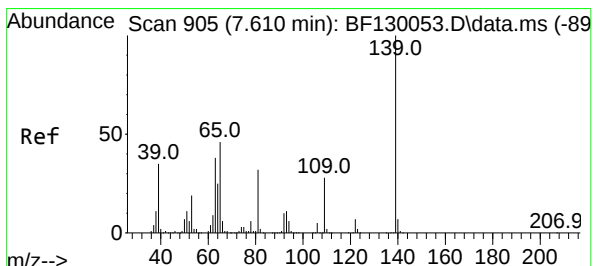
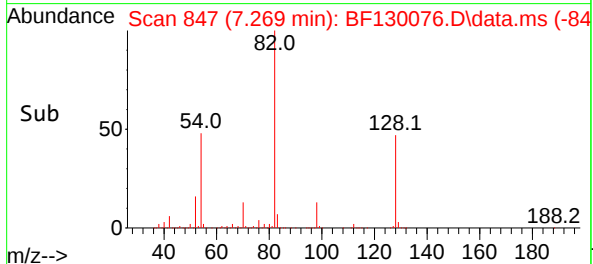
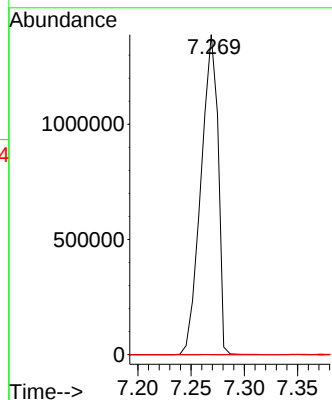
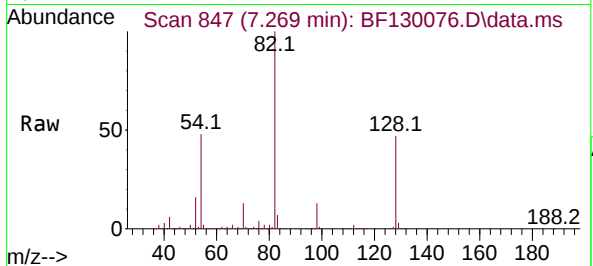




#25
Isophorone
Concen: 47.220 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130076.D
Acq: 01 Sep 2022 13:38

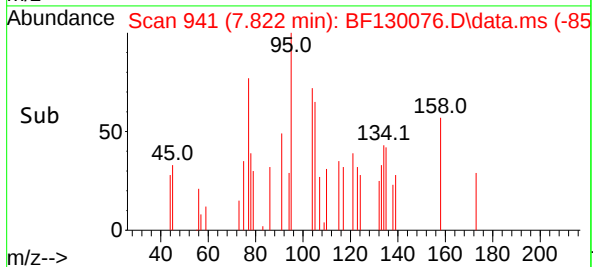
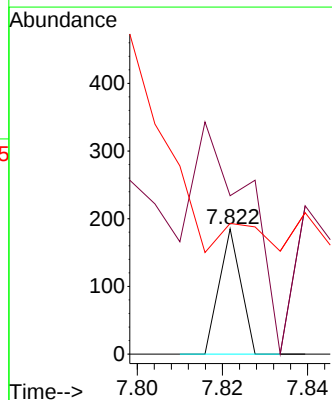
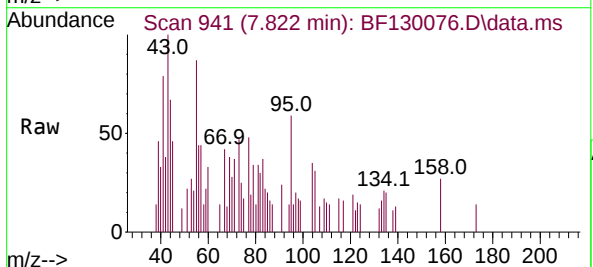
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01

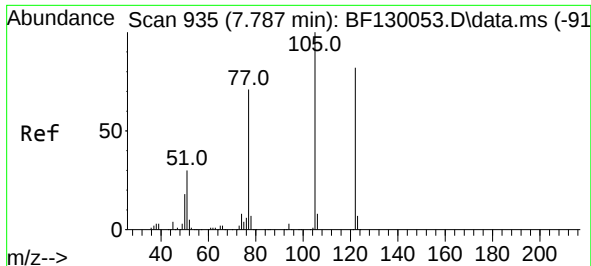
Tgt Ion: 82 Resp: 1551385
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#26
2-Nitrophenol
Concen: 3.508 ng
RT: 7.822 min Scan# 941
Delta R.T. 0.212 min
Lab File: BF130076.D
Acq: 01 Sep 2022 13:38

Tgt Ion:139 Resp: 65
Ion Ratio Lower Upper
139 100
109 126.5 24.4 36.6#
65 104.3 40.9 61.3#

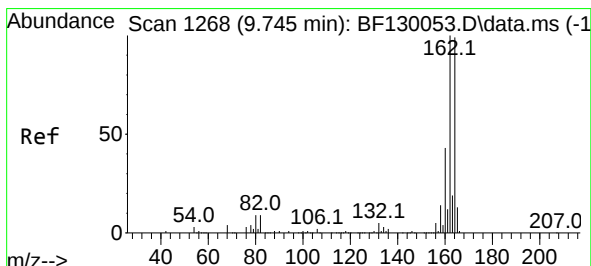
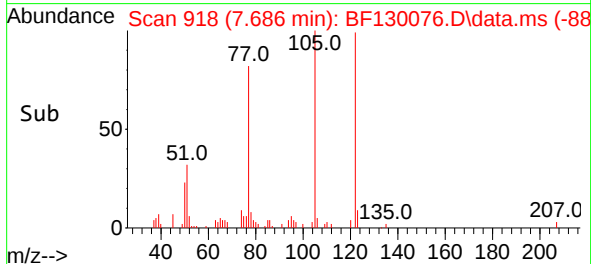
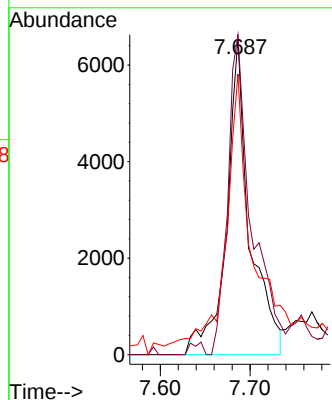
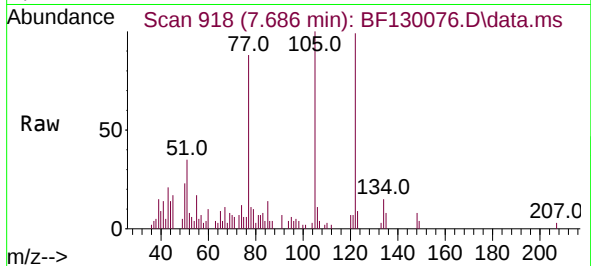




#32
Benzoic acid
Concen: 7.468 ng
RT: 7.686 min Scan# 918
Delta R.T. -0.101 min
Lab File: BF130076.D
Acq: 01 Sep 2022 13:38

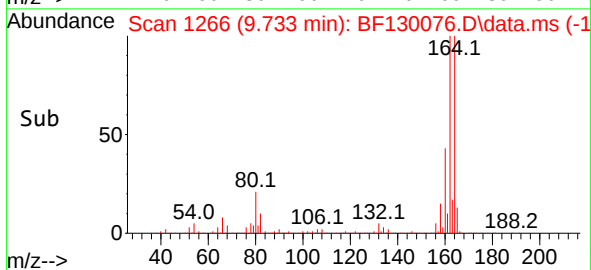
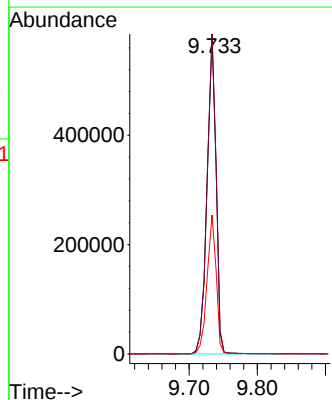
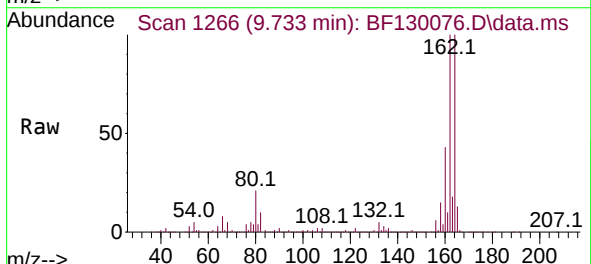
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01

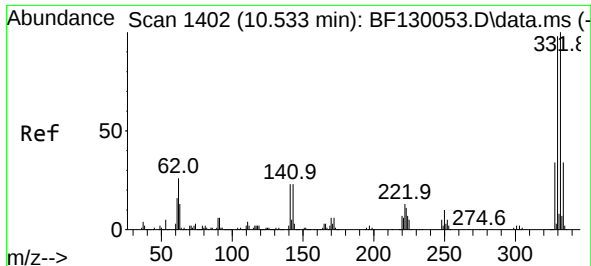
Tgt Ion:	122	Resp:	11683
Ion	Ratio	Lower	Upper
122	100		
105	101.2	99.9	139.9
77	88.8	65.9	105.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 1266
Delta R.T. -0.012 min
Lab File: BF130076.D
Acq: 01 Sep 2022 13:38

Tgt Ion:	164	Resp:	539448
Ion	Ratio	Lower	Upper
164	100		
162	99.8	82.0	123.0
160	43.4	35.4	53.0





#42

2,4,6-Tribromophenol

Concen: 137.696 ng

RT: 10.527 min Scan# 1401

Delta R.T. -0.006 min

Lab File: BF130076.D

Acq: 01 Sep 2022 13:38

Instrument :

BNA_F

ClientSampleId :

WC-PALM-SP-01

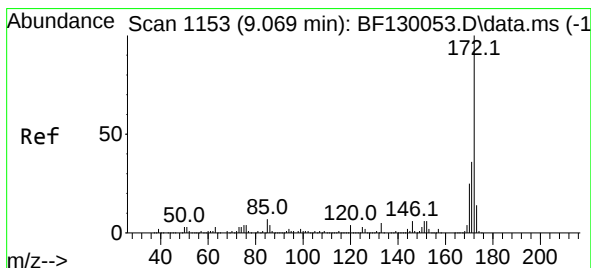
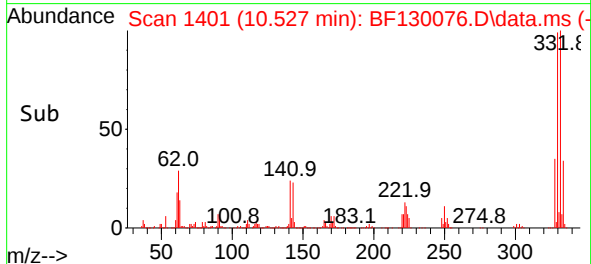
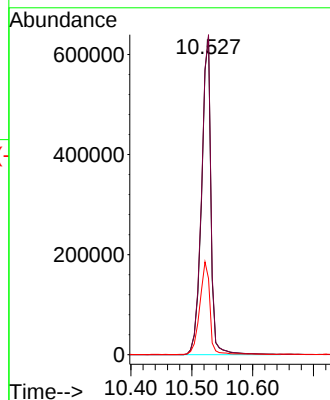
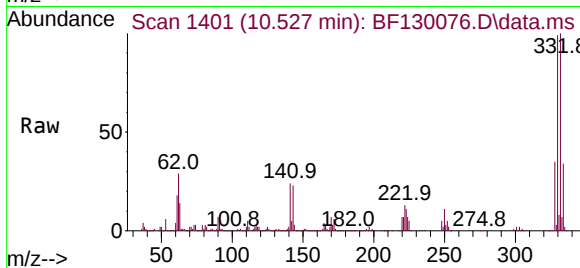
Tgt Ion:330 Resp: 676155

Ion Ratio Lower Upper

330 100

332 101.9 82.6 124.0

141 31.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 81.734 ng

RT: 9.063 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130076.D

Acq: 01 Sep 2022 13:38

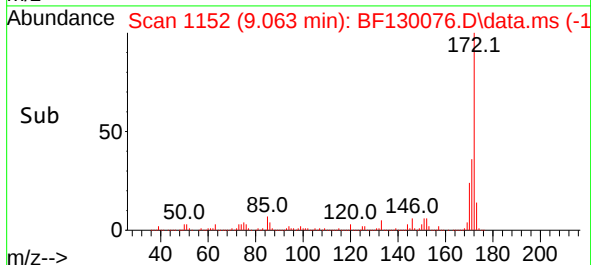
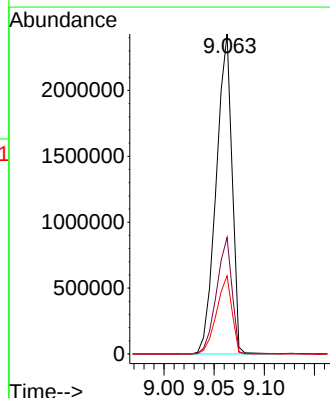
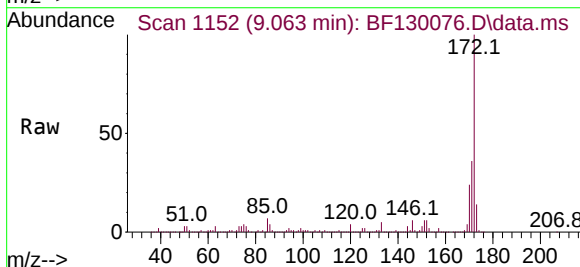
Tgt Ion:172 Resp: 2659364

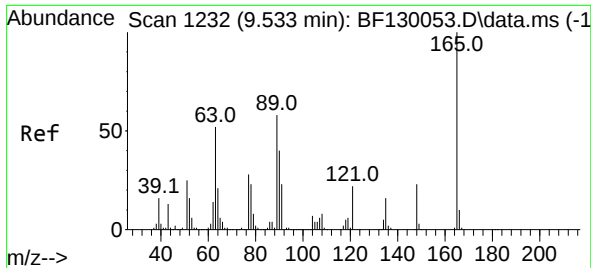
Ion Ratio Lower Upper

172 100

171 36.4 28.4 42.6

170 24.4 19.1 28.7

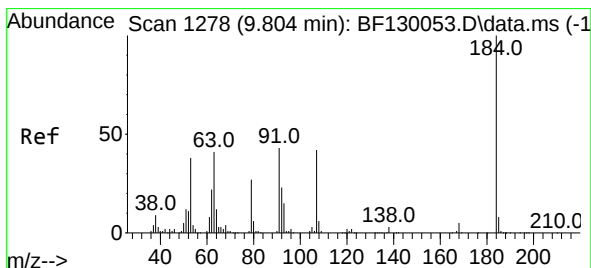
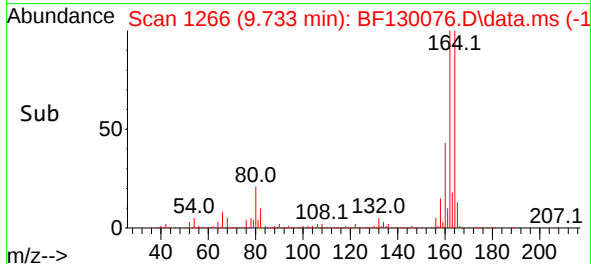
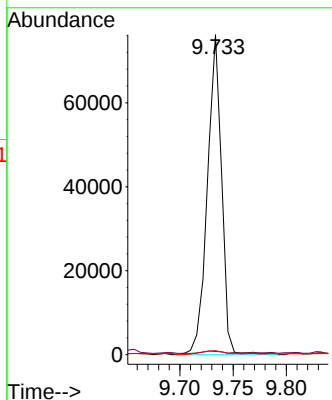
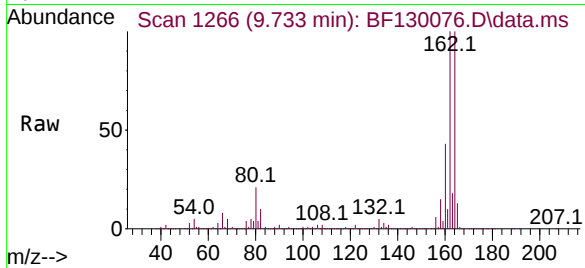




#51
2,6-Dinitrotoluene
Concen: 9.923 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.200 min
Lab File: BF130076.D
Acq: 01 Sep 2022 13:38

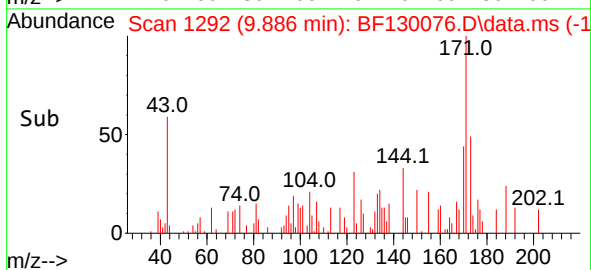
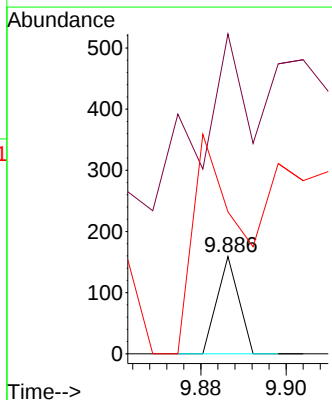
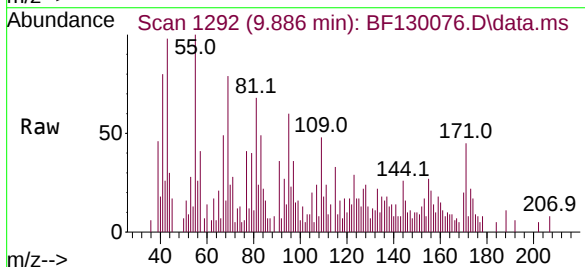
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01

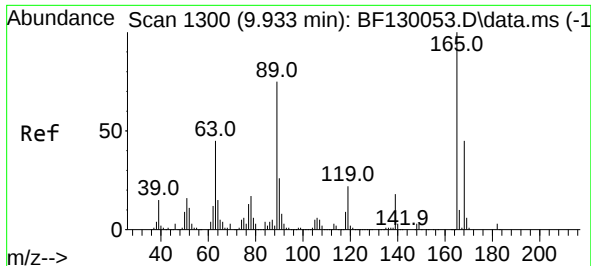
Tgt Ion:165 Resp: 71086
Ion Ratio Lower Upper
165 100
63 1.0 47.8 71.8#
89 1.3 47.2 70.8#



#54
2,4-Dinitrophenol
Concen: 8.108 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.082 min
Lab File: BF130076.D
Acq: 01 Sep 2022 13:38

Tgt Ion:184 Resp: 56
Ion Ratio Lower Upper
184 100
63 328.9 59.6 89.4#
154 145.9 55.3 82.9#





#57

2,4-Dinitrotoluene

Concen: 8.619 ng

RT: 9.733 min Scan# 1

Delta R.T. -0.200 min

Lab File: BF130076.D

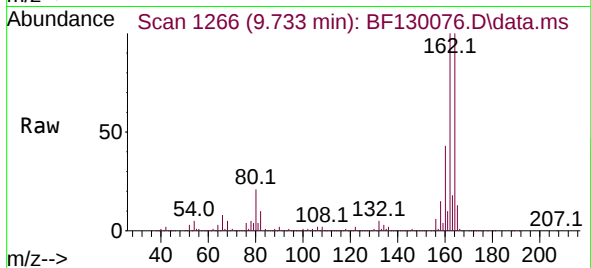
Acq: 01 Sep 2022 13:38

Instrument :

BNA_F

ClientSampleId :

WC-PALM-SP-01



Tgt Ion:165 Resp: 71086

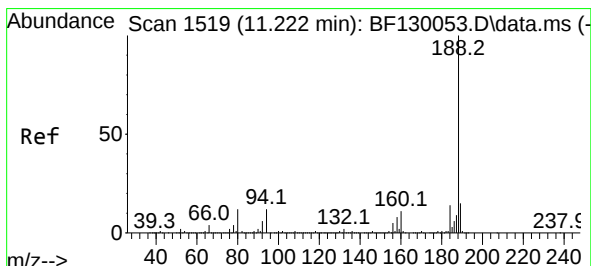
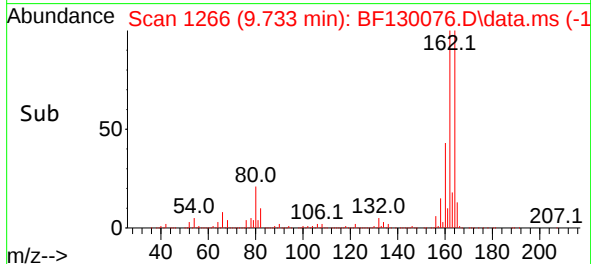
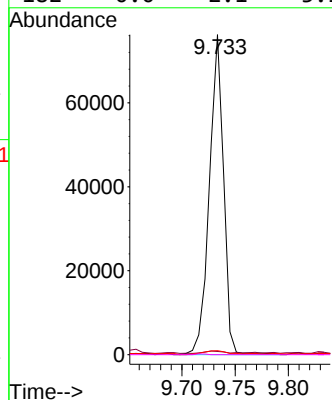
Ion Ratio Lower Upper

165 100

63 1.0 48.4 72.6#

89 1.3 62.3 93.5#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.216 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF130076.D

Acq: 01 Sep 2022 13:38

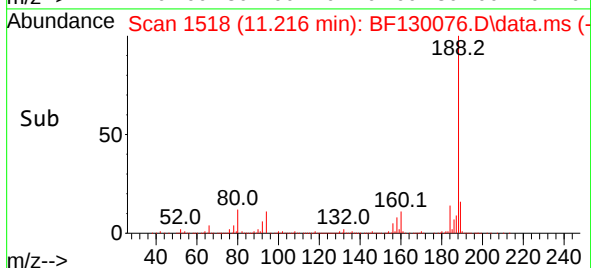
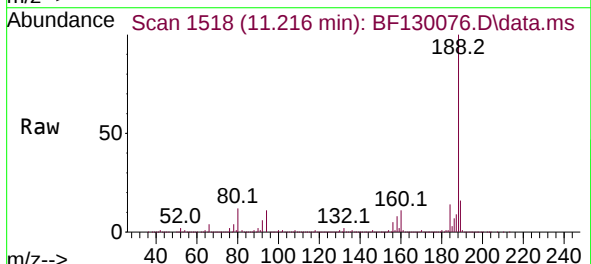
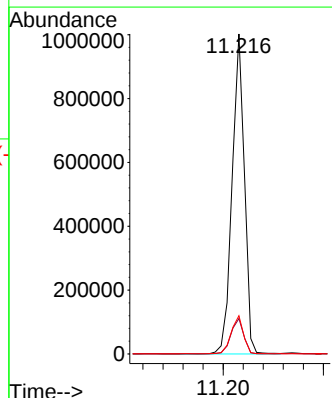
Tgt Ion:188 Resp: 849077

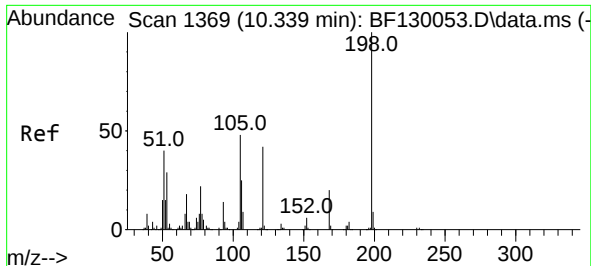
Ion Ratio Lower Upper

188 100

94 11.1 7.4 11.2

80 12.0 7.9 11.9#

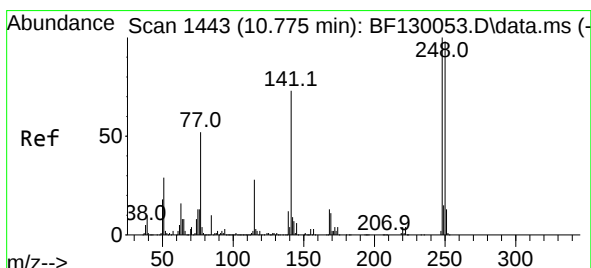
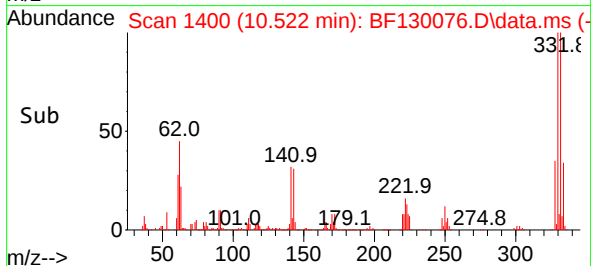
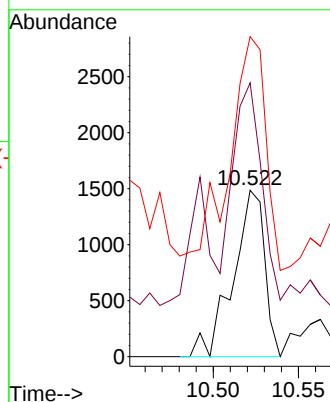
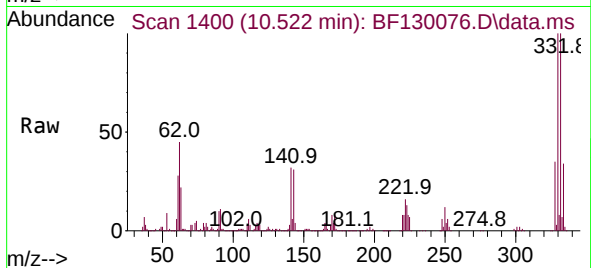




#65
4,6-Dinitro-2-methylphenol
Concen: 6.498 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.183 min
Lab File: BF130076.D
Acq: 01 Sep 2022 13:38

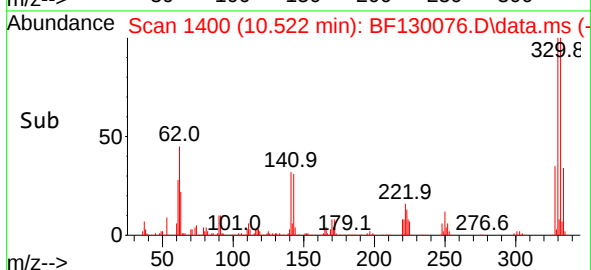
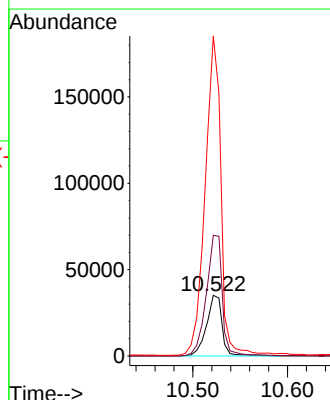
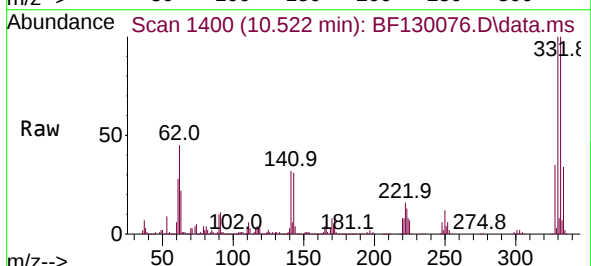
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01

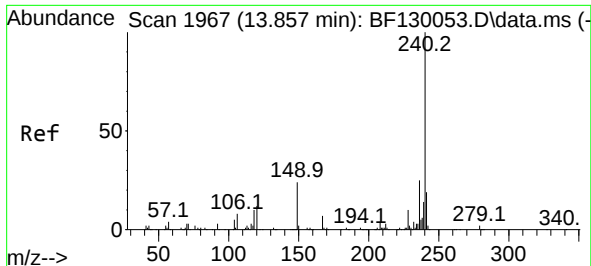
Tgt Ion:198 Resp: 1910
Ion Ratio Lower Upper
198 100
51 164.5 29.4 69.4#
105 192.3 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 4.231 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.253 min
Lab File: BF130076.D
Acq: 01 Sep 2022 13:38

Tgt Ion:248 Resp: 39957
Ion Ratio Lower Upper
248 100
250 199.0 77.8 116.6#
141 528.1 66.2 99.2#

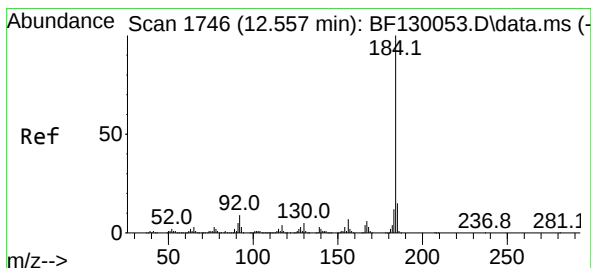
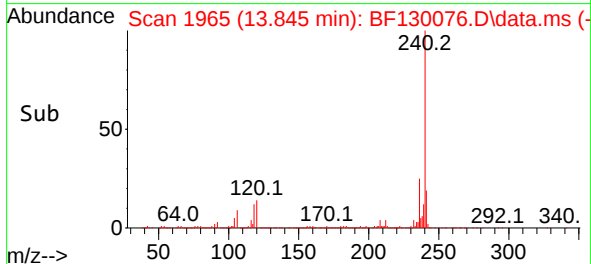
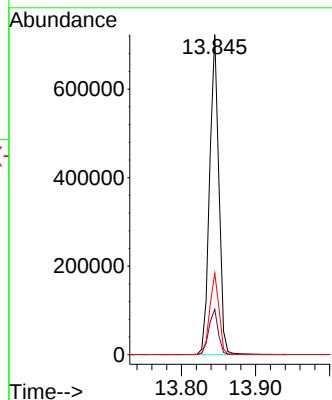
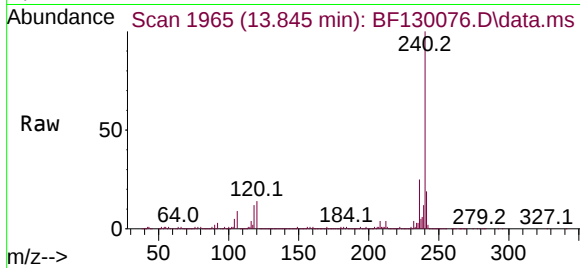




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1967
Delta R.T. -0.012 min
Lab File: BF130076.D
Acq: 01 Sep 2022 13:38

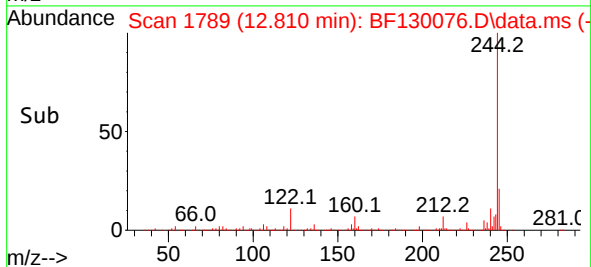
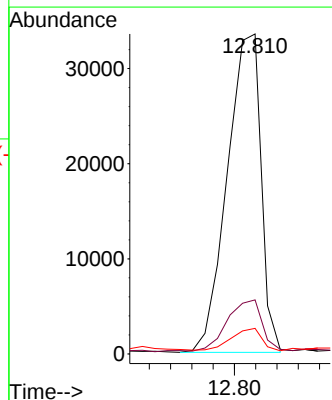
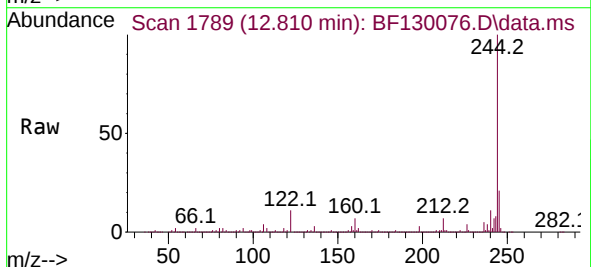
Instrument :
BNA_F
ClientSampleId :
WC-PALM-SP-01

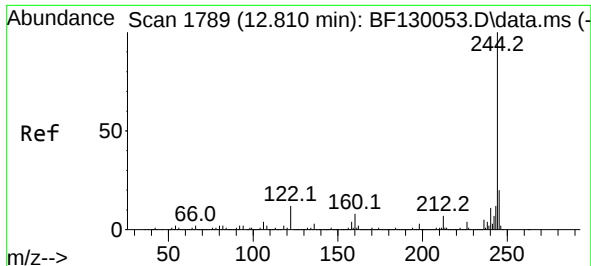
Tgt Ion:240 Resp: 630110
Ion Ratio Lower Upper
240 100
120 14.2 9.2 13.8#
236 25.5 20.7 31.1



#77
Benzidine
Concen: 2.171 ng
RT: 12.810 min Scan# 1789
Delta R.T. 0.253 min
Lab File: BF130076.D
Acq: 01 Sep 2022 13:38

Tgt Ion:184 Resp: 36937
Ion Ratio Lower Upper
184 100
185 16.9 11.4 17.2
183 8.0 9.4 14.2#

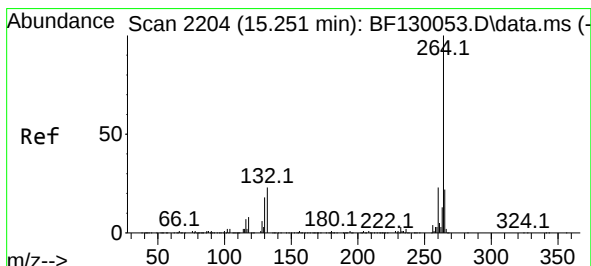
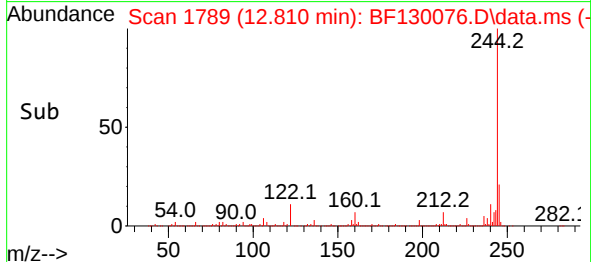
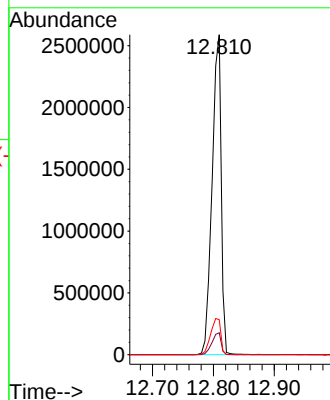
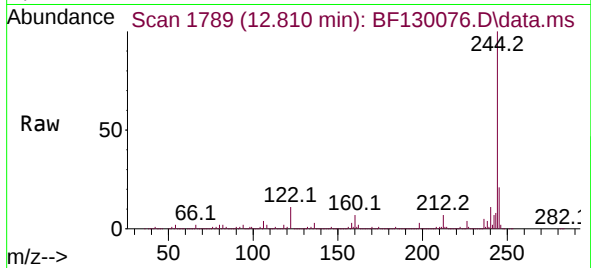




#79
 Terphenyl-d14
 Concen: 74.270 ng
 RT: 12.810 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130076.D
 Acq: 01 Sep 2022 13:38

Instrument :
 BNA_F
 ClientSampleId :
 WC-PALM-SP-01

Tgt Ion:244 Resp: 2698673
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 11.0 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.245 min Scan# 2203
 Delta R.T. -0.006 min
 Lab File: BF130076.D
 Acq: 01 Sep 2022 13:38

Tgt Ion:264 Resp: 568798
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 22.2 16.7 25.1

