

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130085.D
 Acq On : 01 Sep 2022 19:15
 Operator : CG\JU
 Sample : N4385-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 265751-2

Quant Time: Sep 02 04:03:00 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)

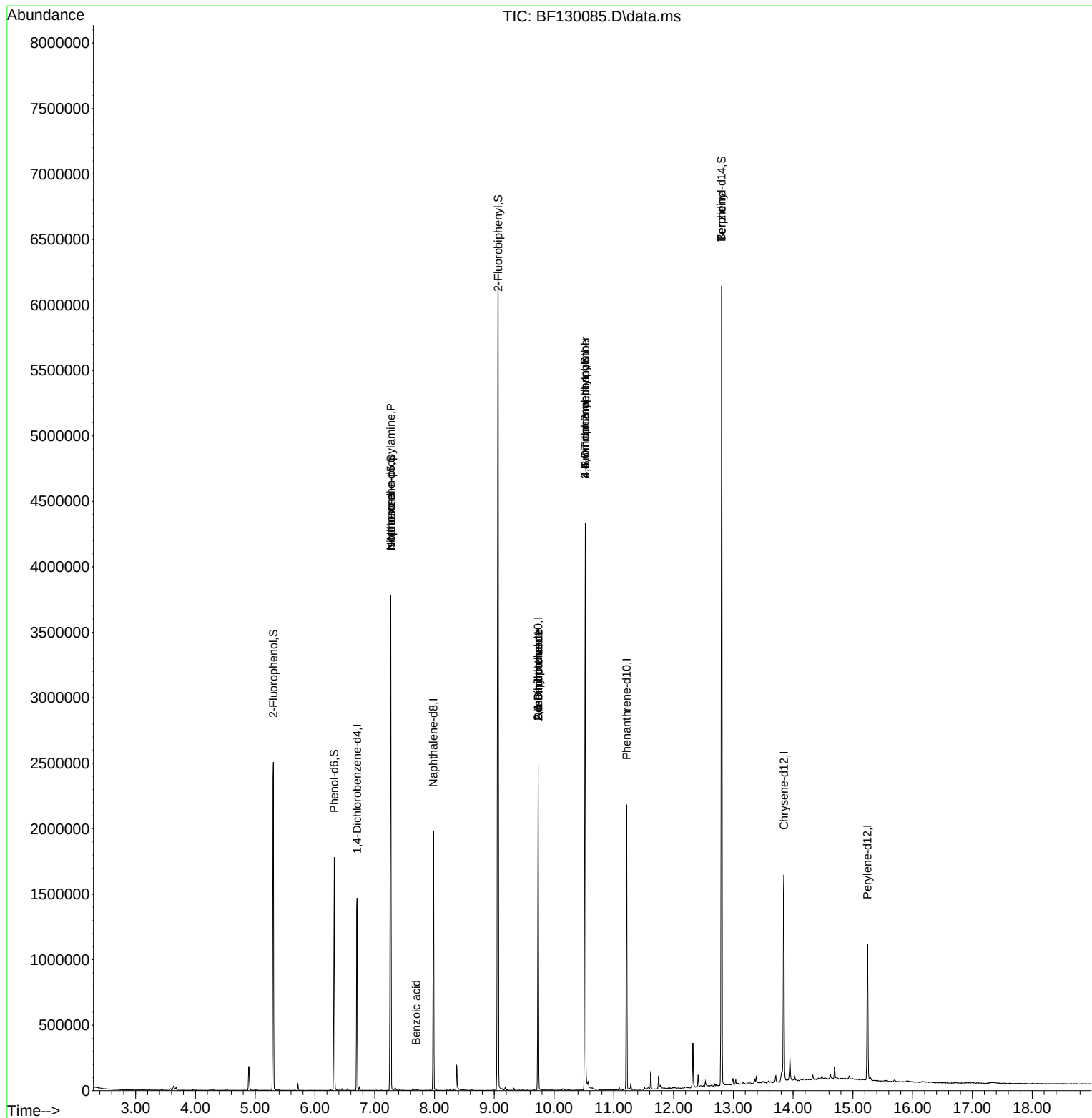
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	226193	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	888840	20.000	ng	#-0.01
39) Acenaphthene-d10	9.734	164	470615	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	772878	20.000	ng	0.00
76) Chrysene-d12	13.845	240	511857	20.000	ng	-0.01
86) Perylene-d12	15.245	264	427162	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	774375	58.119	ng	0.00
7) Phenol-d6	6.322	99	568212	34.207	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1271009	91.898	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	551354	128.703	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2274823	80.141	ng	0.00
79) Terphenyl-d14	12.804	244	2214139	75.013	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	163642	16.352	ng	# 74
25) Isophorone	7.269	82	1266652	45.249	ng	# 65
32) Benzoic acid	7.692	122	513	6.618	ng	# 65
50) Dimethylphthalate	9.734	163	87609	2.733	ng	# 1
51) 2,6-Dinitrotoluene	9.734	165	61074	9.772	ng	# 22
57) 2,4-Dinitrotoluene	9.734	165	61074	8.488	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.522	198	1251	6.381	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	32879	3.825	ng	# 1
77) Benzidine	12.804	184	30939	2.239	ng	# 92

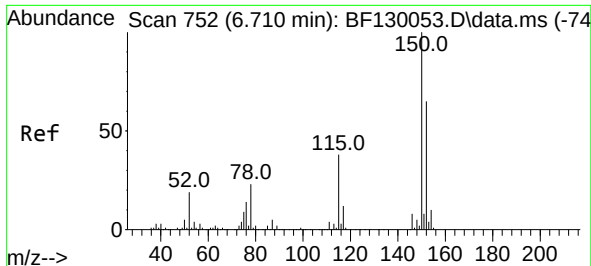
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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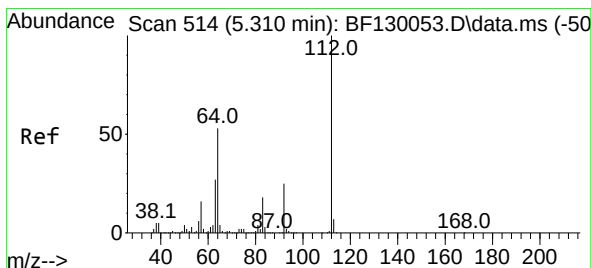
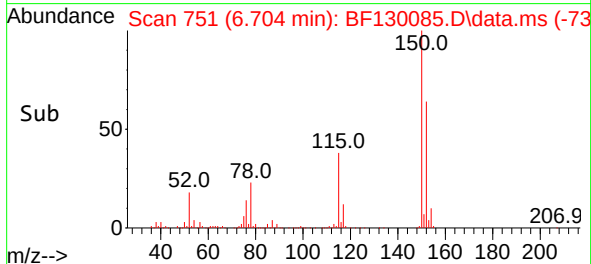
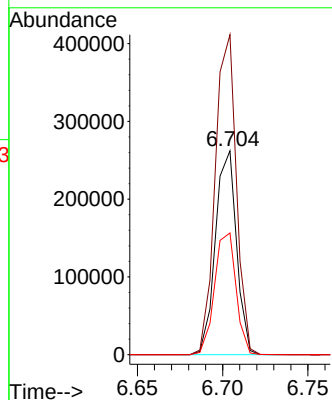
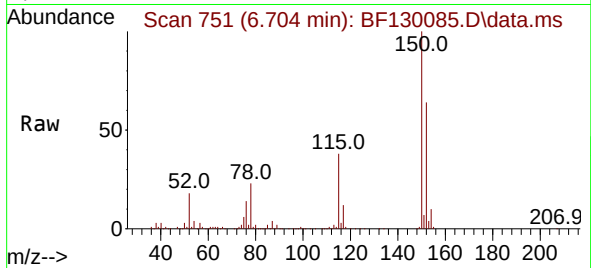




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF130085.D
Acq: 01 Sep 2022 19:15

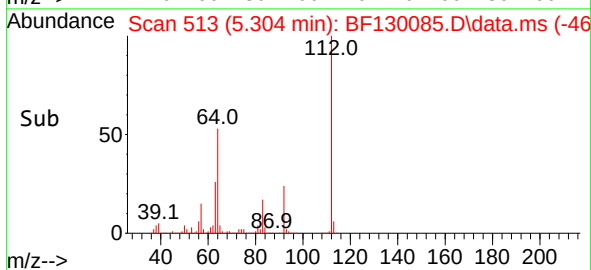
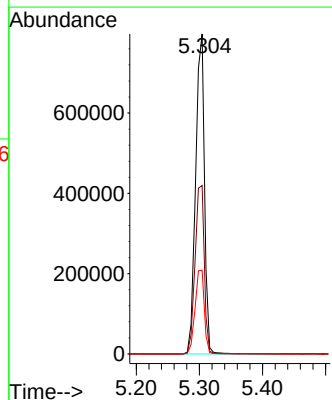
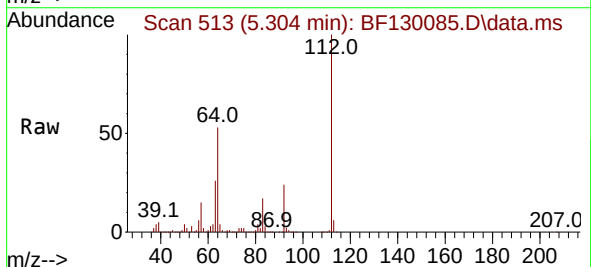
Instrument :
BNA_F
ClientSampleId :
265751-2

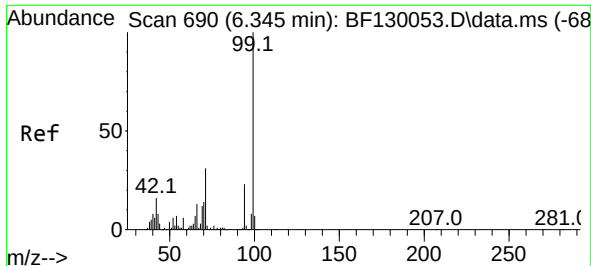
Tgt Ion:152 Resp: 226193
Ion Ratio Lower Upper
152 100
150 157.0 126.9 190.3
115 59.7 53.4 80.0



#5
2-Fluorophenol
Concen: 58.119 ng
RT: 5.304 min Scan# 513
Delta R.T. -0.006 min
Lab File: BF130085.D
Acq: 01 Sep 2022 19:15

Tgt Ion:112 Resp: 774375
Ion Ratio Lower Upper
112 100
64 52.7 47.6 71.4
63 26.2 24.6 37.0

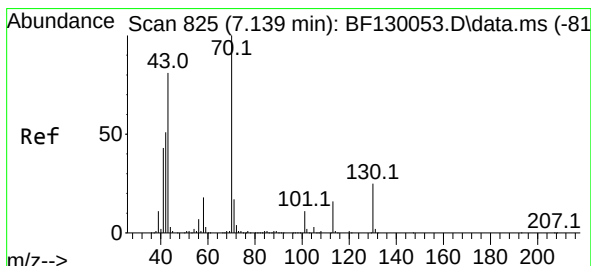
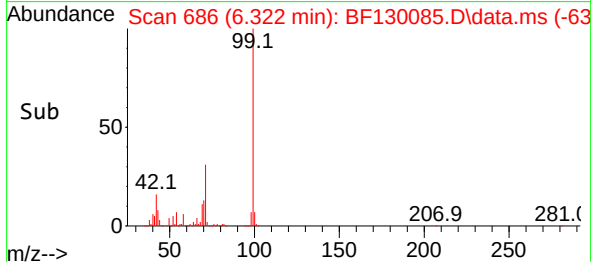
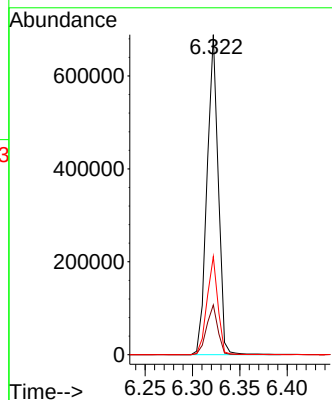
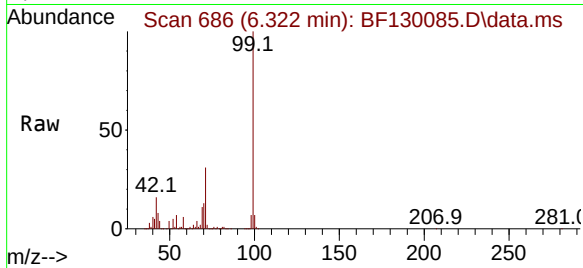




#7
Phenol-d6
Concen: 34.207 ng
RT: 6.322 min Scan# 61
Delta R.T. -0.023 min
Lab File: BF130085.D
Acq: 01 Sep 2022 19:15

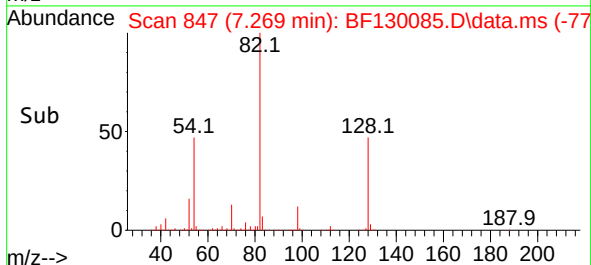
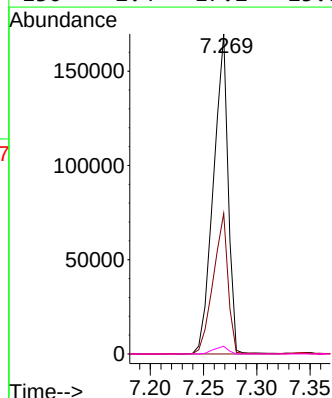
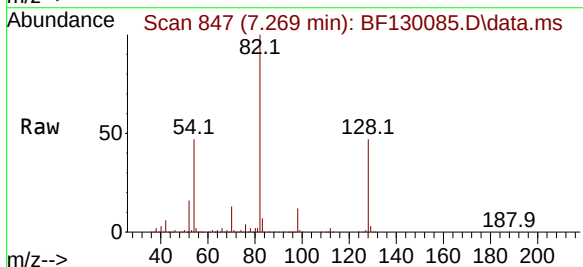
Instrument :
BNA_F
ClientSampleId :
265751-2

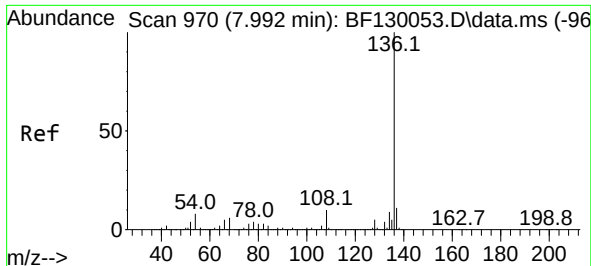
Tgt Ion: 99 Resp: 568212
Ion Ratio Lower Upper
99 100
42 15.6 15.0 22.4
71 30.6 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.352 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130085.D
Acq: 01 Sep 2022 19:15

Tgt Ion: 70 Resp: 163642
Ion Ratio Lower Upper
70 100
42 43.9 47.6 71.4#
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#

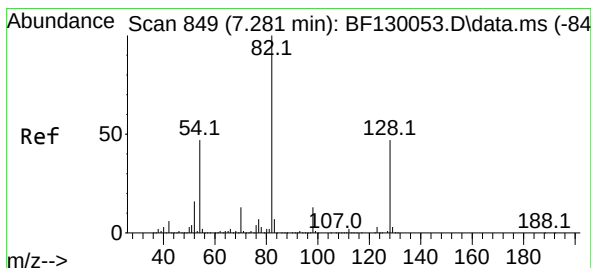
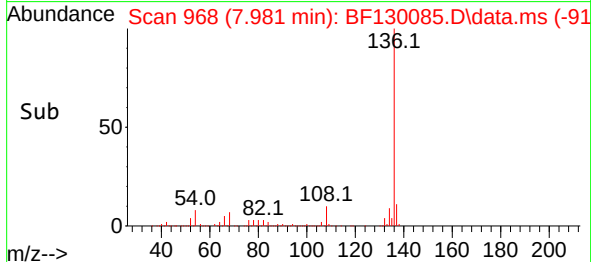
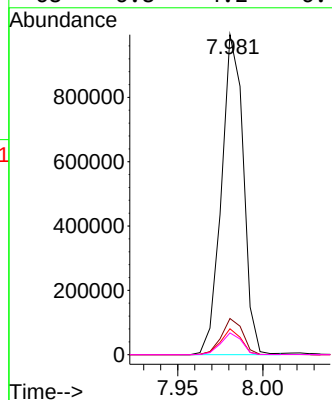
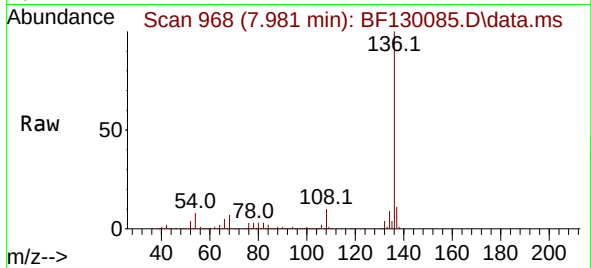




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130085.D
Acq: 01 Sep 2022 19:15

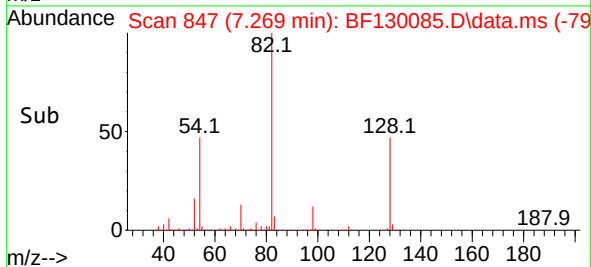
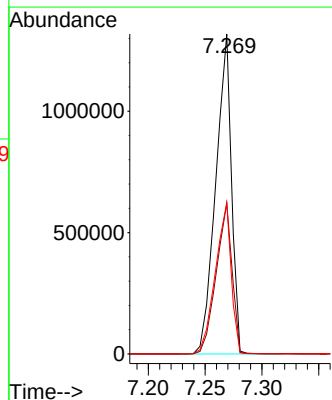
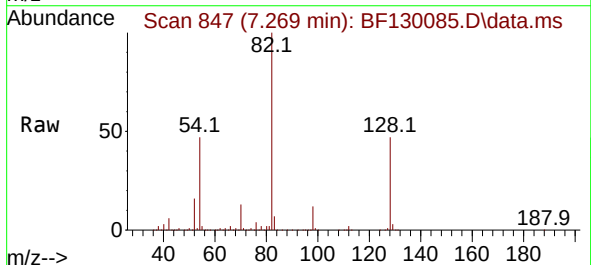
Instrument :
BNA_F
ClientSampleId :
265751-2

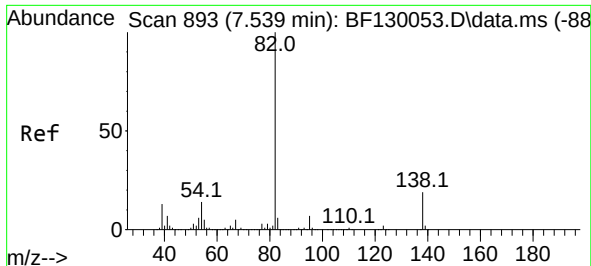
Tgt Ion:136 Resp: 888840
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 8.1 6.2 9.2
68 6.8 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 91.898 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130085.D
Acq: 01 Sep 2022 19:15

Tgt Ion: 82 Resp: 1271009
Ion Ratio Lower Upper
82 100
128 47.1 36.1 54.1
54 47.3 40.0 60.0

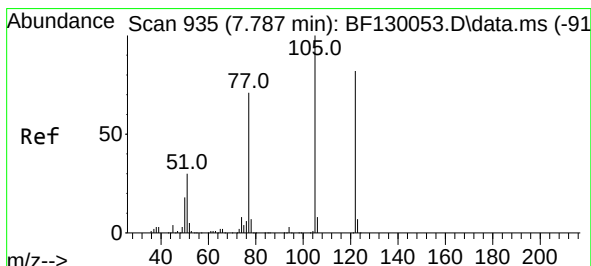
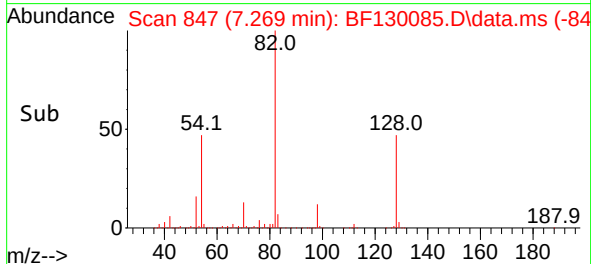
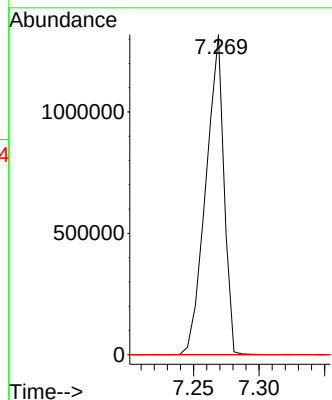
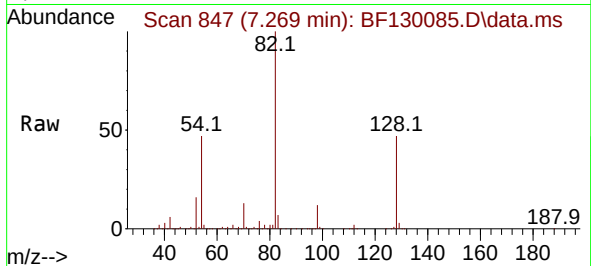




#25
Isophorone
Concen: 45.249 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.270 min
Lab File: BF130085.D
Acq: 01 Sep 2022 19:15

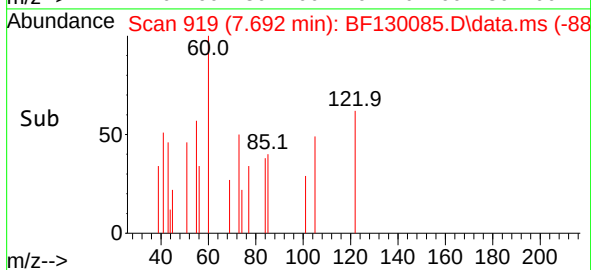
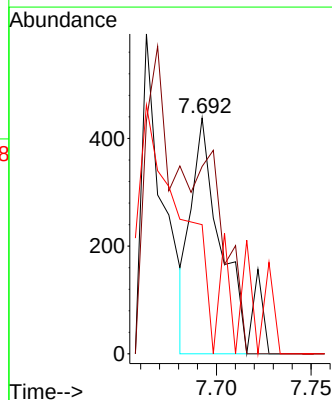
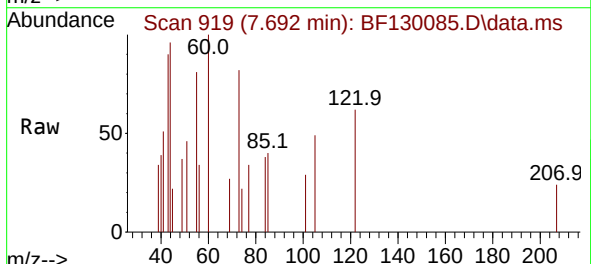
Instrument :
BNA_F
ClientSampleId :
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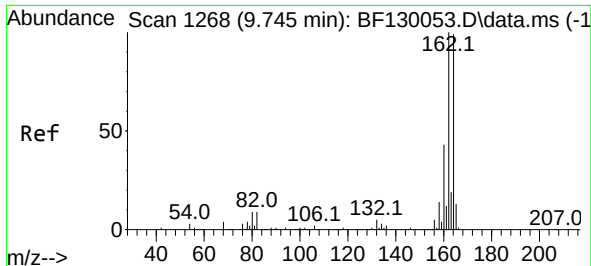
Tgt Ion: 82 Resp: 1266652
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.618 ng
RT: 7.692 min Scan# 919
Delta R.T. -0.095 min
Lab File: BF130085.D
Acq: 01 Sep 2022 19:15

Tgt Ion: 122 Resp: 513
Ion Ratio Lower Upper
122 100
105 79.5 99.9 139.9#
77 54.8 65.9 105.9#

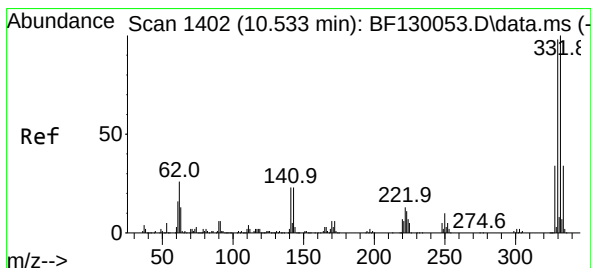
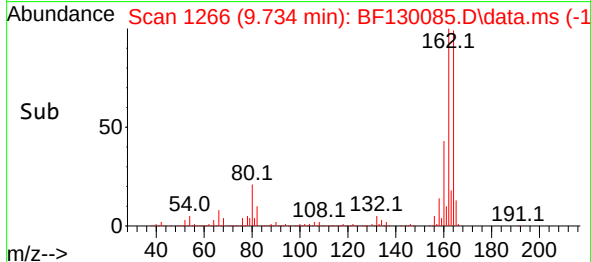
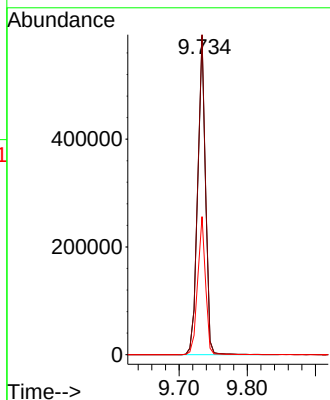
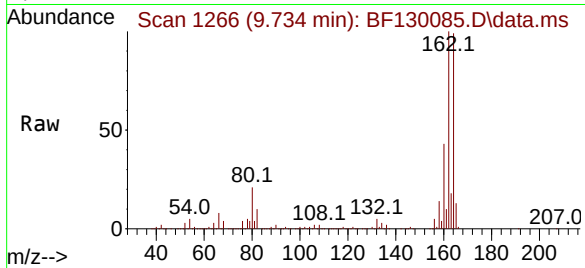




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.734 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF130085.D
Acq: 01 Sep 2022 19:15

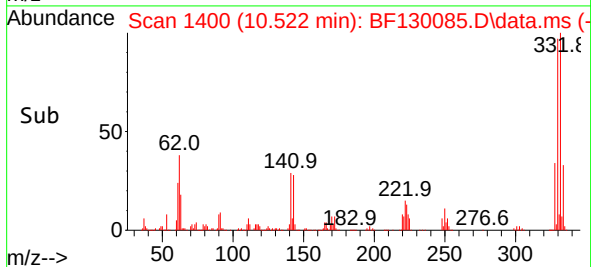
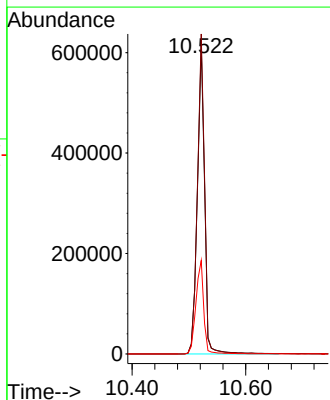
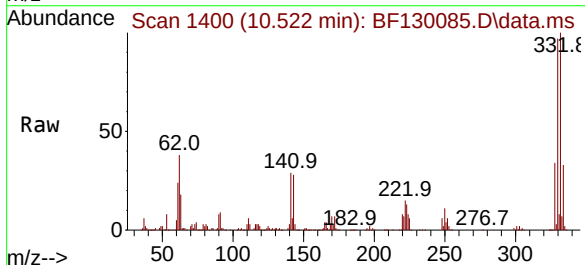
Instrument :
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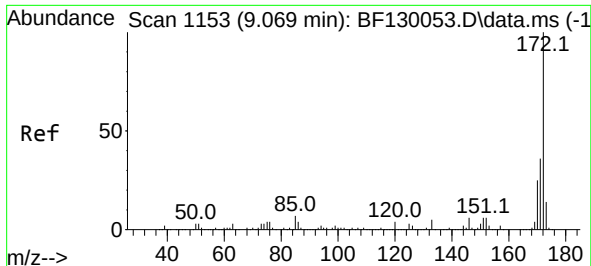
Tgt Ion:164 Resp: 470615
Ion Ratio Lower Upper
164 100
162 100.6 82.0 123.0
160 43.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 128.703 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130085.D
Acq: 01 Sep 2022 19:15

Tgt Ion:330 Resp: 551354
Ion Ratio Lower Upper
330 100
332 103.1 82.6 124.0
141 32.9 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 80.141 ng

RT: 9.063 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130085.D

Acq: 01 Sep 2022 19:15

Instrument :

BNA_F

ClientSampleId :

265751-2

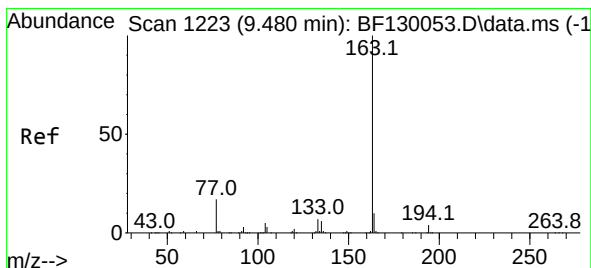
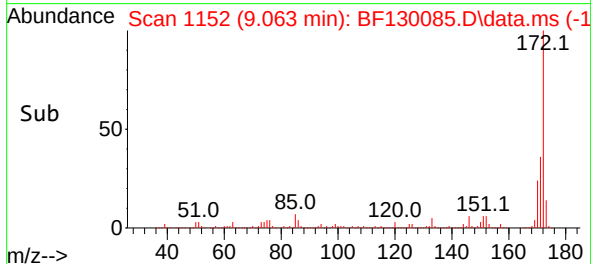
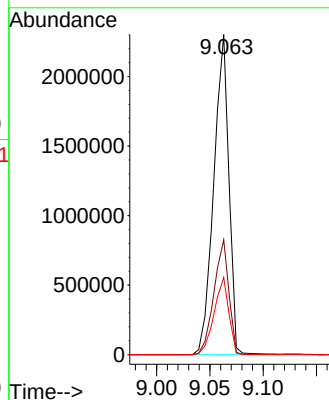
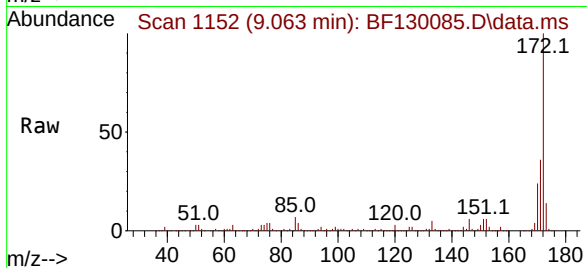
Tgt Ion:172 Resp: 2274823

Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 24.1 19.1 28.7



#50

Dimethylphthalate

Concen: 2.733 ng

RT: 9.734 min Scan# 1266

Delta R.T. 0.253 min

Lab File: BF130085.D

Acq: 01 Sep 2022 19:15

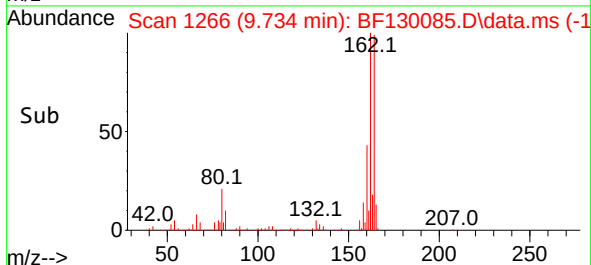
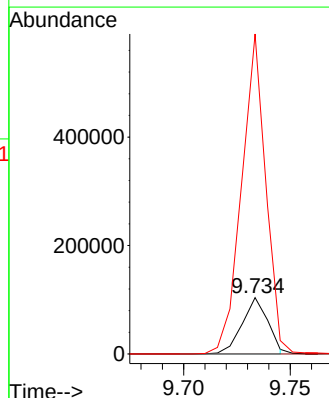
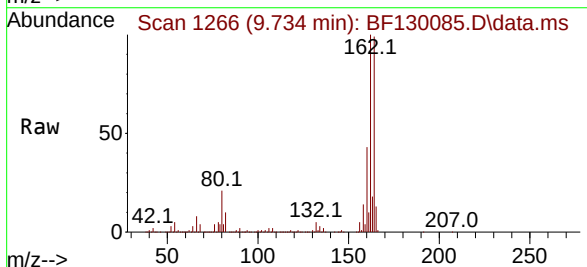
Tgt Ion:163 Resp: 87609

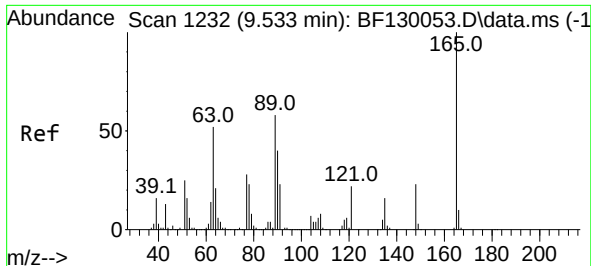
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 567.7 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.772 ng

RT: 9.734 min Scan# 1266

Delta R.T. 0.200 min

Lab File: BF130085.D

Acq: 01 Sep 2022 19:15

Instrument :

BNA_F

ClientSampleId :

265751-2

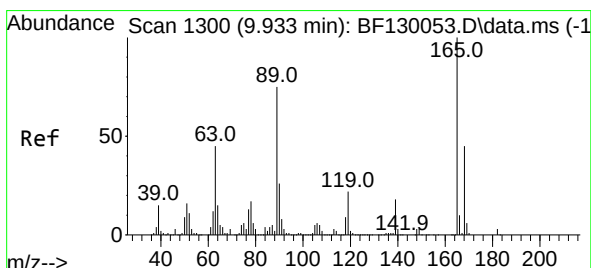
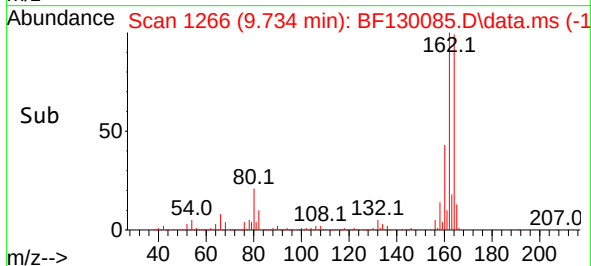
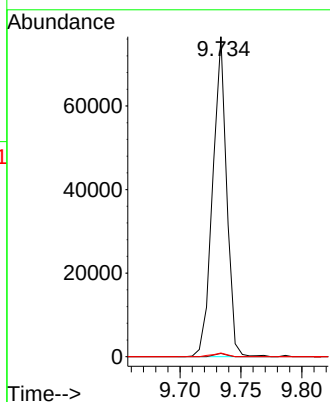
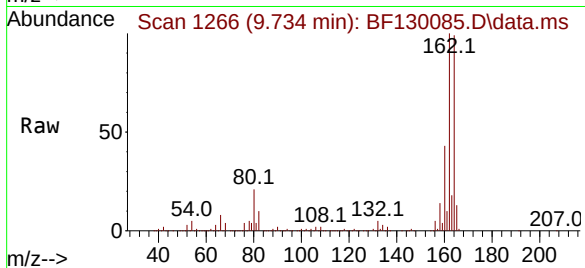
Tgt Ion:165 Resp: 61074

Ion Ratio Lower Upper

165 100

63 1.0 47.8 71.8#

89 1.1 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.488 ng

RT: 9.734 min Scan# 1266

Delta R.T. -0.200 min

Lab File: BF130085.D

Acq: 01 Sep 2022 19:15

Tgt Ion:165 Resp: 61074

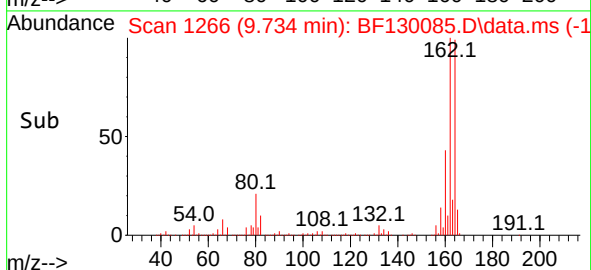
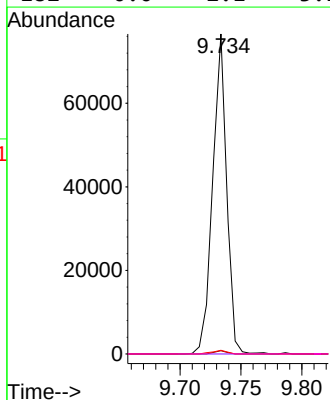
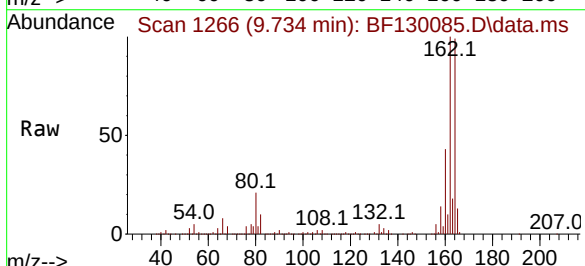
Ion Ratio Lower Upper

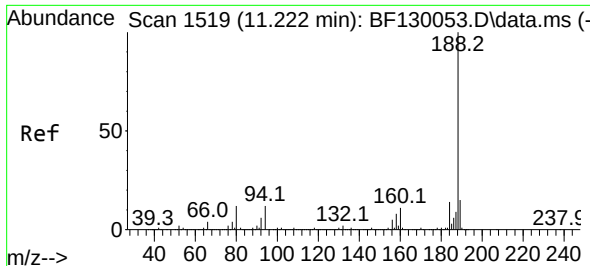
165 100

63 1.0 48.4 72.6#

89 1.1 62.3 93.5#

182 0.0 2.1 3.1#

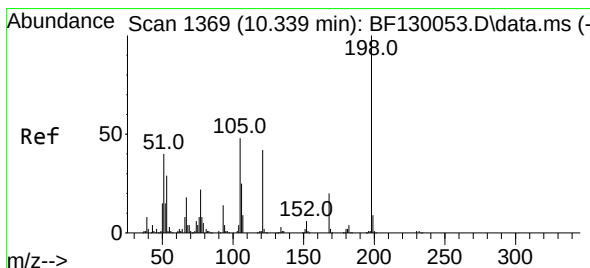
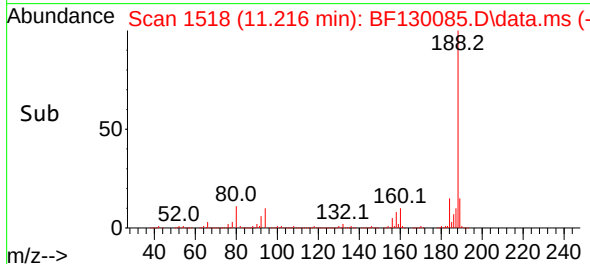
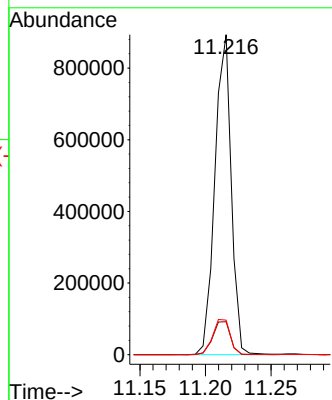
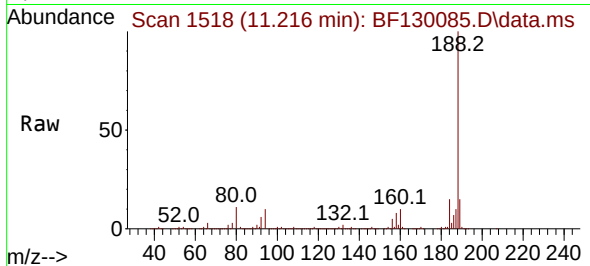




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130085.D
Acq: 01 Sep 2022 19:15

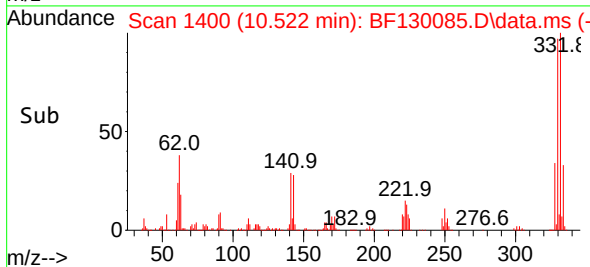
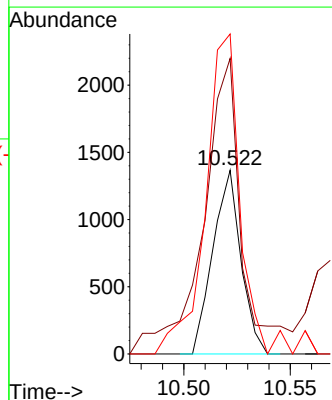
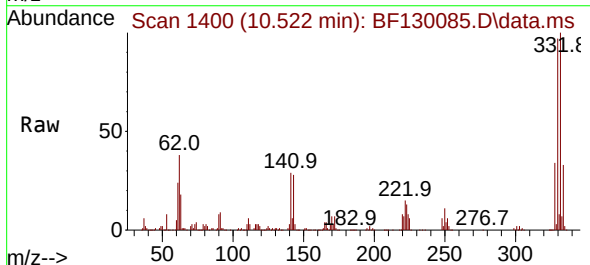
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ClientSampleId :
265751-2

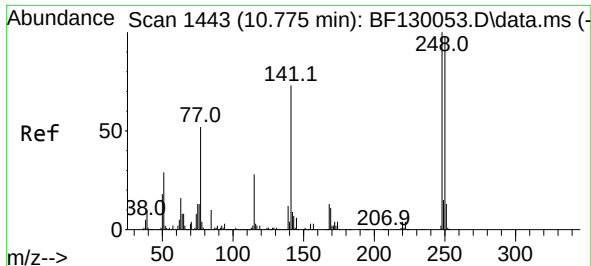
Tgt Ion:188 Resp: 772878
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.2
80 10.8 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 6.381 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.183 min
Lab File: BF130085.D
Acq: 01 Sep 2022 19:15

Tgt Ion:198 Resp: 1251
Ion Ratio Lower Upper
198 100
51 160.9 29.4 69.4#
105 174.2 29.2 69.2#

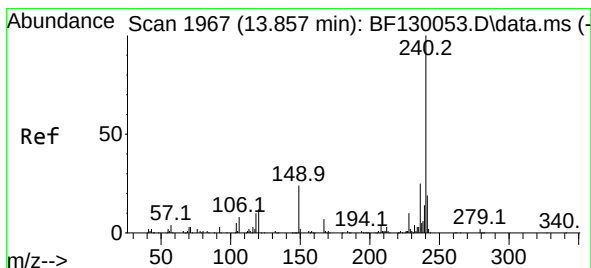
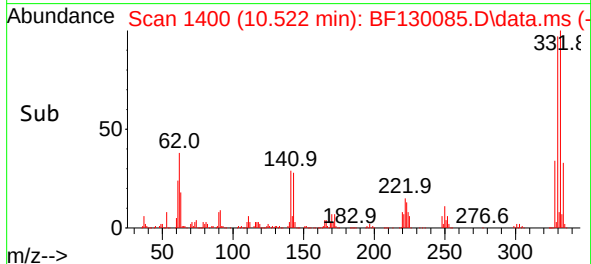
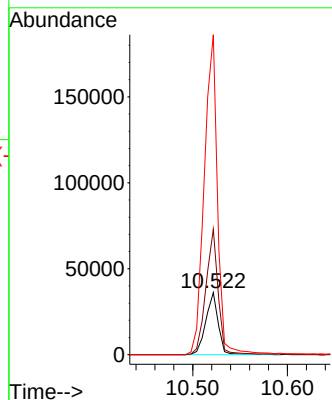
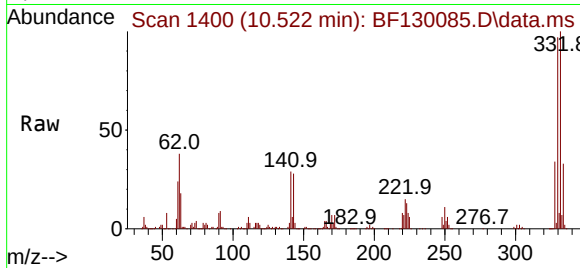




#67
4-Bromophenyl-phenylether
Concen: 3.825 ng
RT: 10.522 min Scan# 1443
Delta R.T. -0.253 min
Lab File: BF130085.D
Acq: 01 Sep 2022 19:15

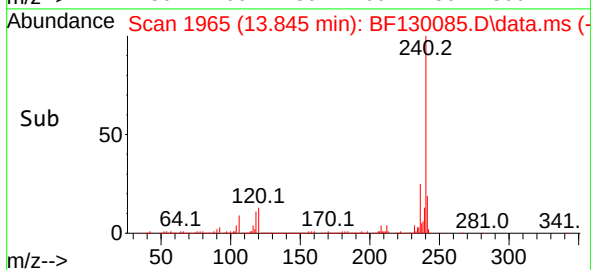
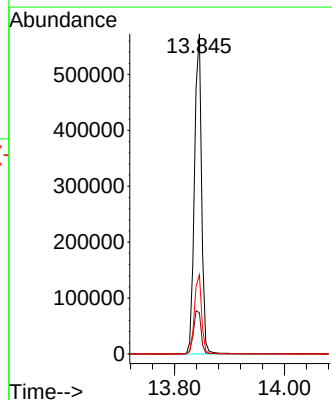
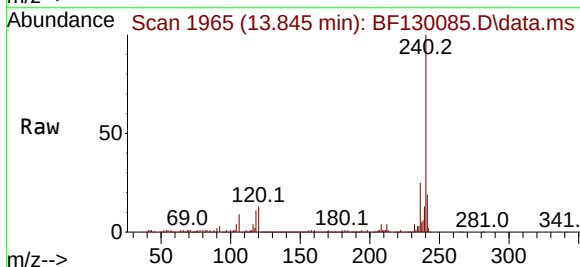
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ClientSampleId :
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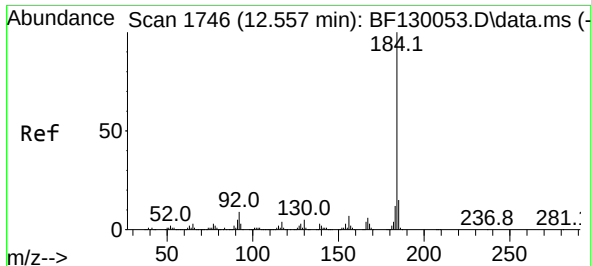
Tgt Ion:248 Resp: 32879
Ion Ratio Lower Upper
248 100
250 201.9 77.8 116.6#
141 515.1 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130085.D
Acq: 01 Sep 2022 19:15

Tgt Ion:240 Resp: 511857
Ion Ratio Lower Upper
240 100
120 12.9 9.2 13.8
236 24.7 20.7 31.1

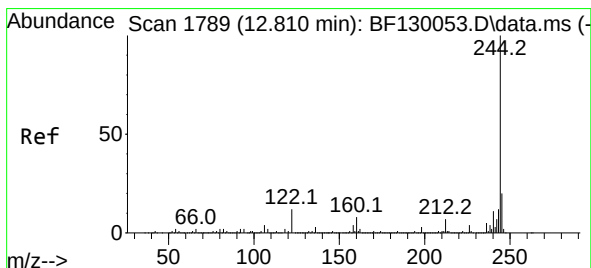
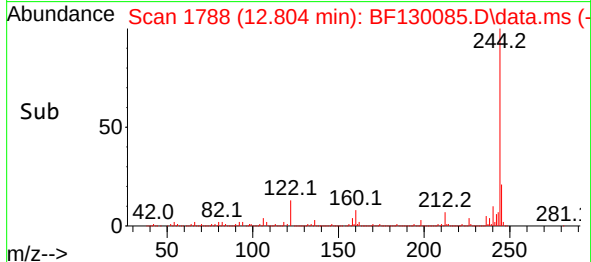
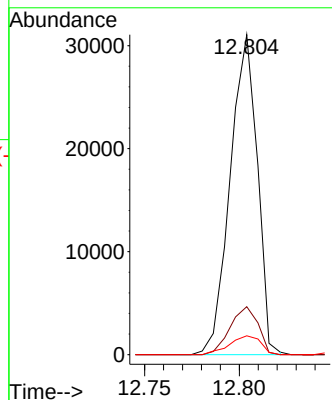
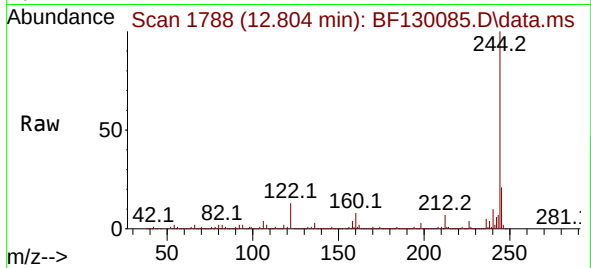




#77
Benzidine
Concen: 2.239 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.247 min
Lab File: BF130085.D
Acq: 01 Sep 2022 19:15

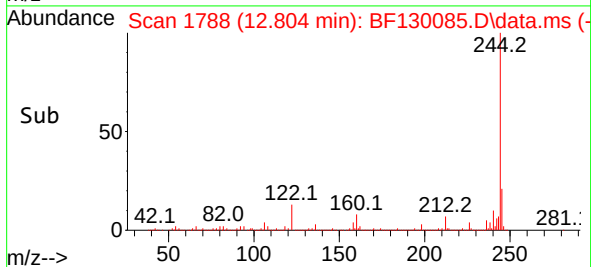
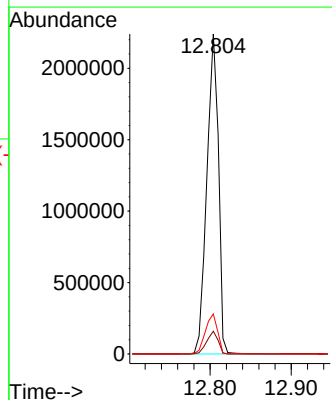
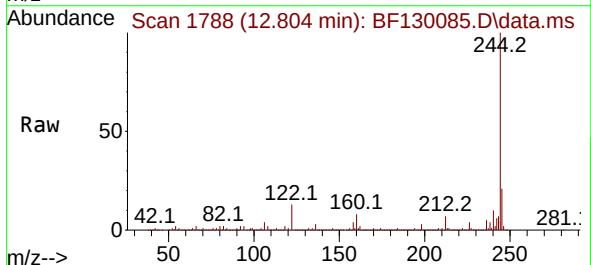
Instrument :
BNA_F
ClientSampleId :
265751-2

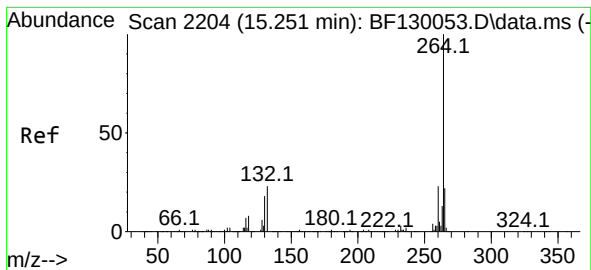
Tgt Ion:184 Resp: 30939
Ion Ratio Lower Upper
184 100
185 15.0 11.4 17.2
183 5.9 9.4 14.2#



#79
Terphenyl-d14
Concen: 75.013 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF130085.D
Acq: 01 Sep 2022 19:15

Tgt Ion:244 Resp: 2214139
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 12.5 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.245 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF130085.D

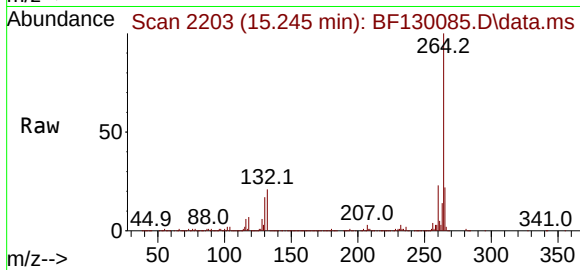
Acq: 01 Sep 2022 19:15

Instrument :

BNA_F

ClientSampleId :

265751-2



Tgt Ion:264 Resp: 427162

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.6 16.7 25.1

