

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130122.D
 Acq On : 02 Sep 2022 21:02
 Operator : CG\JU
 Sample : N4478-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-SV28486

Quant Time: Sep 03 05:51:58 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)

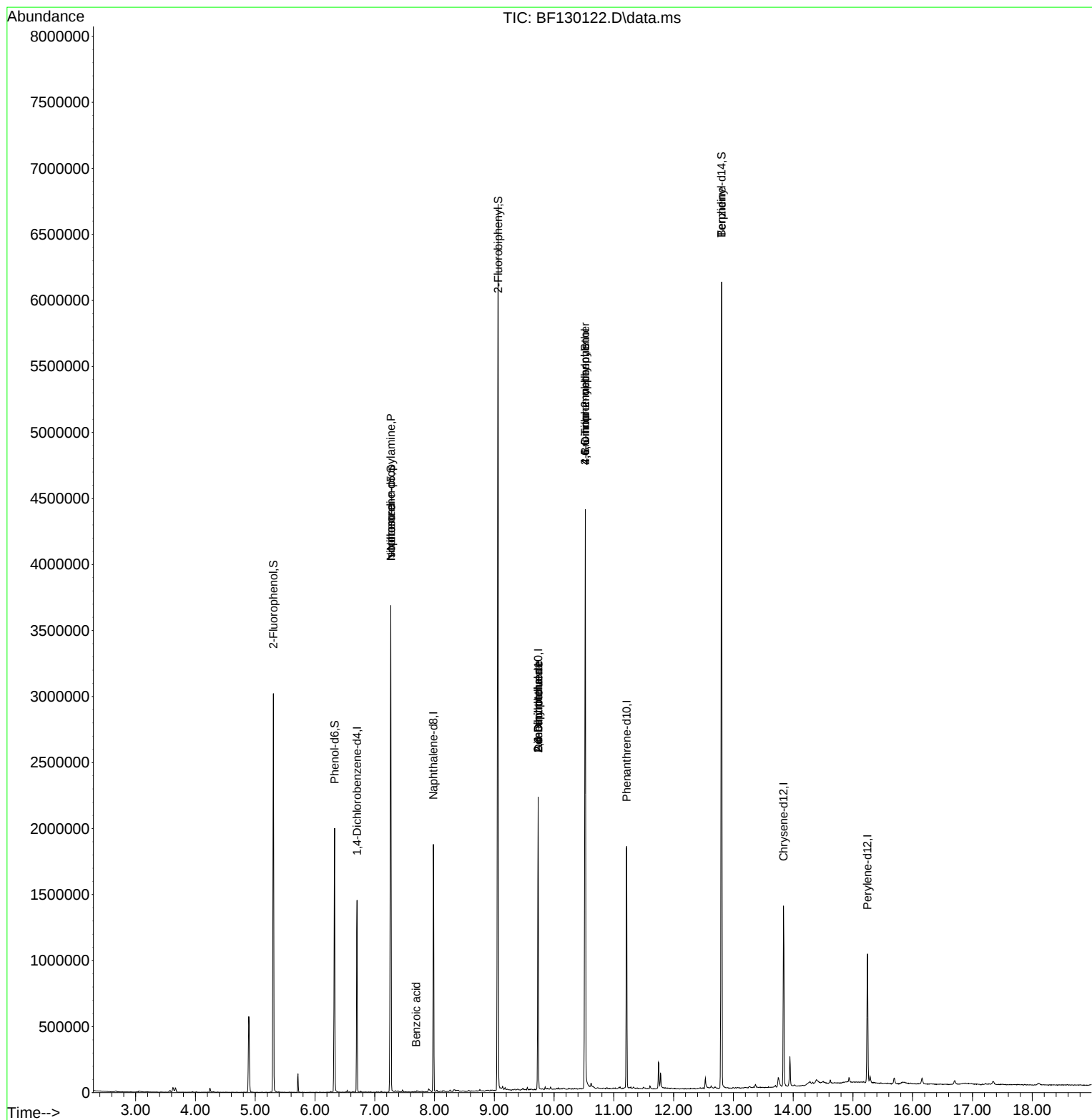
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	211461	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	837297	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	437375	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	691770	20.000	ng	0.00
76) Chrysene-d12	13.839	240	440532	20.000	ng	#-0.02
86) Perylene-d12	15.245	264	410405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	867082	69.611	ng	0.00
7) Phenol-d6	6.328	99	671141	43.218	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1301527	99.898	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	601964	151.197	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2264813	85.852	ng	0.00
79) Terphenyl-d14	12.804	244	2192524	86.307	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	167474	17.901	ng	# 74
25) Isophorone	7.269	82	1296719	49.174	ng	# 65
32) Benzoic acid	7.692	122	72	6.579	ng	# 44
50) Dimethylphthalate	9.733	163	80457	2.701	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	57060	9.824	ng	# 22
57) 2,4-Dinitrotoluene	9.733	165	57060	8.533	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.522	198	1406	6.457	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	34526	4.487	ng	# 1
77) Benzidine	12.804	184	29708	2.498	ng	# 92

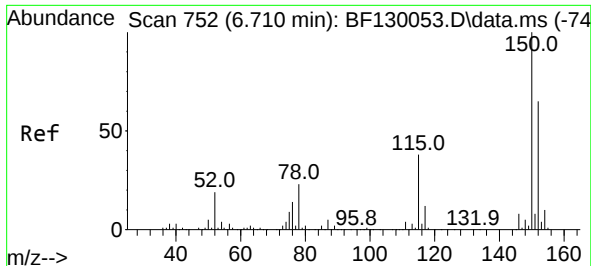
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

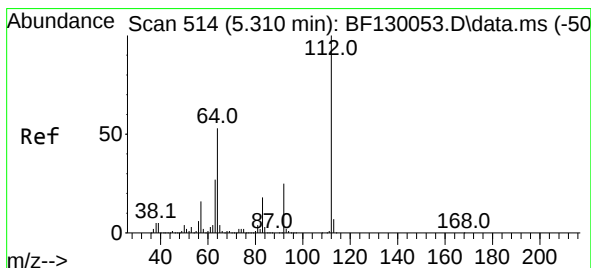
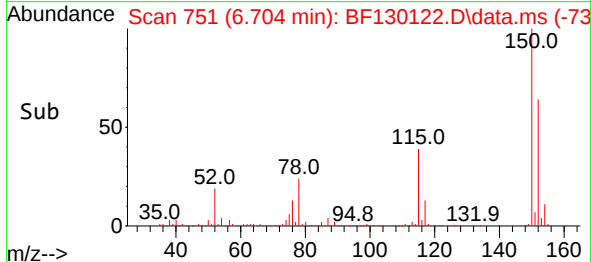
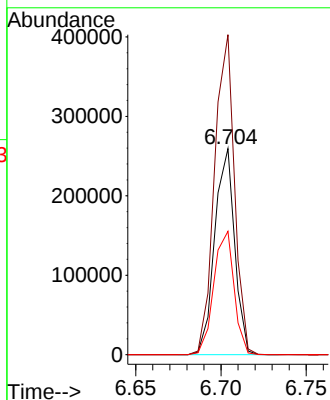
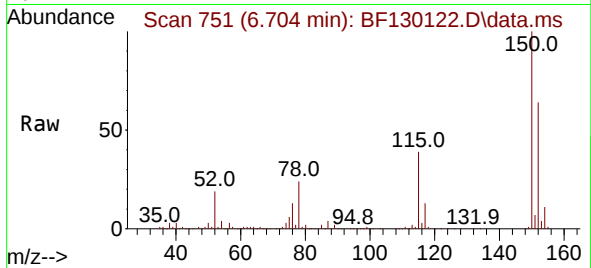




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130122.D
 Acq: 02 Sep 2022 21:02

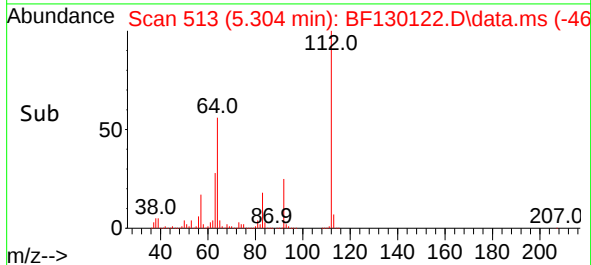
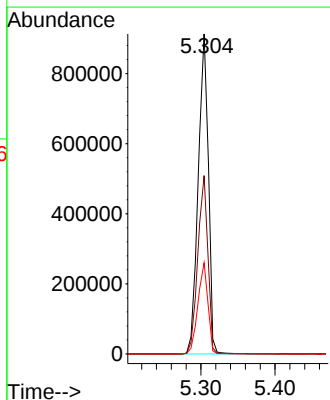
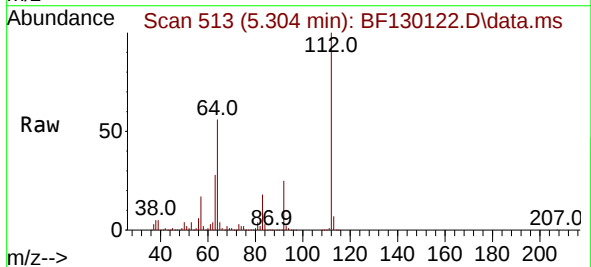
Instrument :
 BNA_F
 ClientSampleId :
 FRAC-TANK-SV28486

Tgt Ion:152 Resp: 211461
 Ion Ratio Lower Upper
 152 100
 150 155.3 126.9 190.3
 115 59.9 53.4 80.0



#5
 2-Fluorophenol
 Concen: 69.611 ng
 RT: 5.304 min Scan# 513
 Delta R.T. -0.006 min
 Lab File: BF130122.D
 Acq: 02 Sep 2022 21:02

Tgt Ion:112 Resp: 867082
 Ion Ratio Lower Upper
 112 100
 64 55.7 47.6 71.4
 63 28.5 24.6 37.0

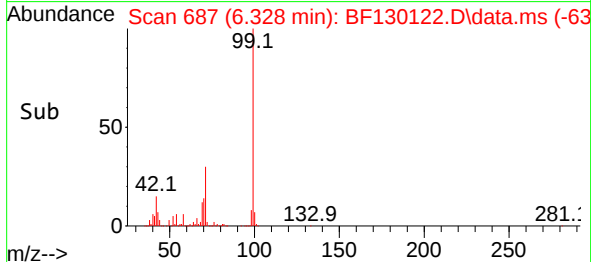
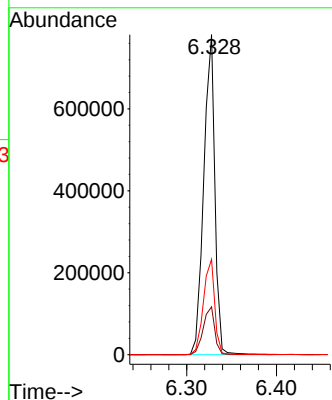
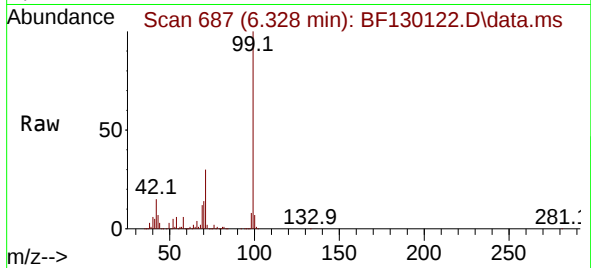




#7
Phenol-d6
Concen: 43.218 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF130122.D
Acq: 02 Sep 2022 21:02

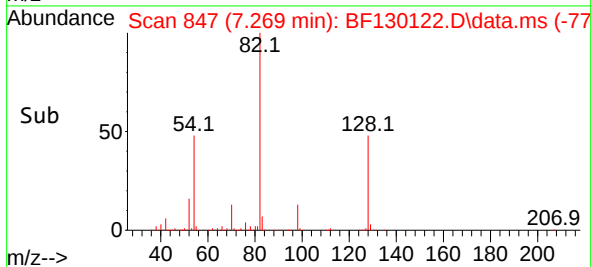
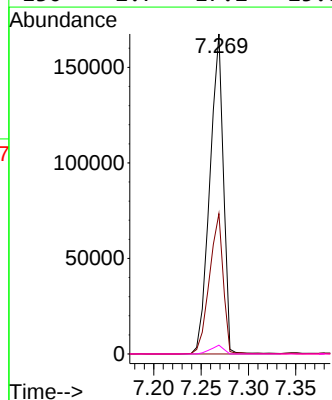
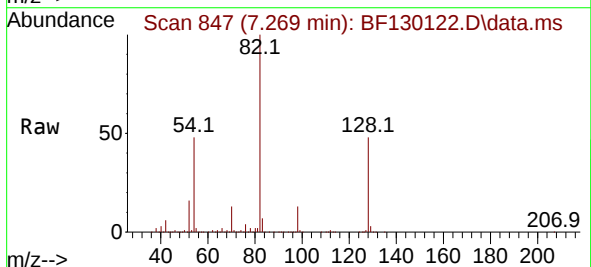
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28486

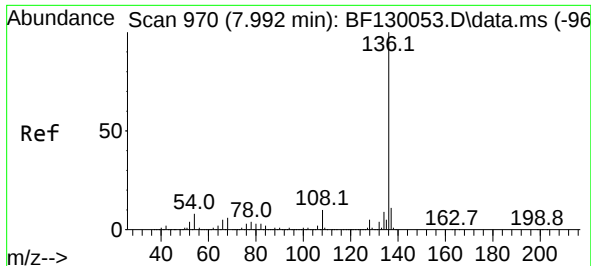
Tgt Ion: 99 Resp: 671141
Ion Ratio Lower Upper
99 100
42 14.9 15.0 22.4#
71 29.8 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.901 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130122.D
Acq: 02 Sep 2022 21:02

Tgt Ion: 70 Resp: 167474
Ion Ratio Lower Upper
70 100
42 43.8 47.6 71.4#
101 0.0 8.1 12.1#
130 2.7 17.2 25.8#

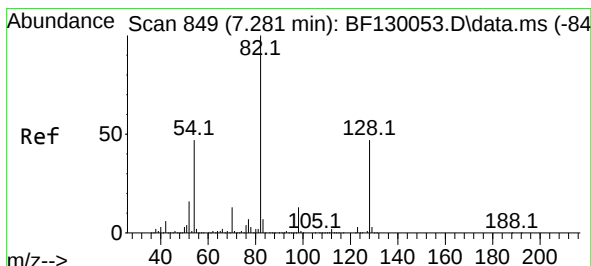
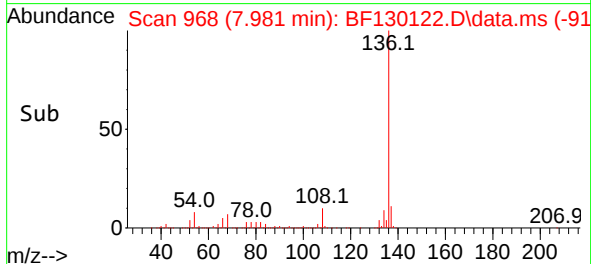
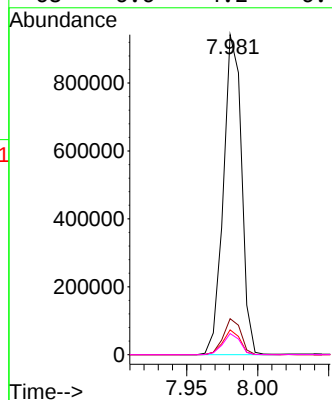
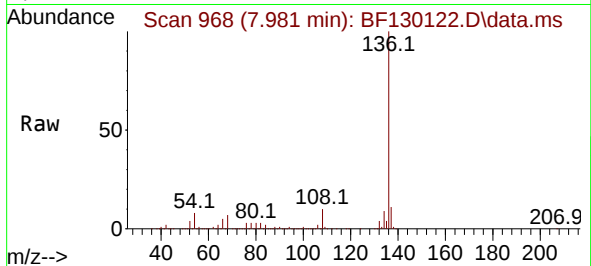




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130122.D
Acq: 02 Sep 2022 21:02

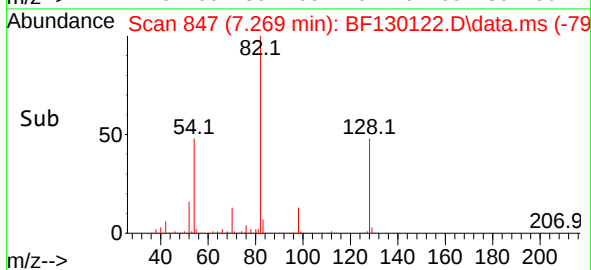
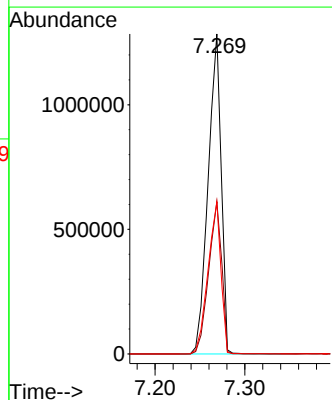
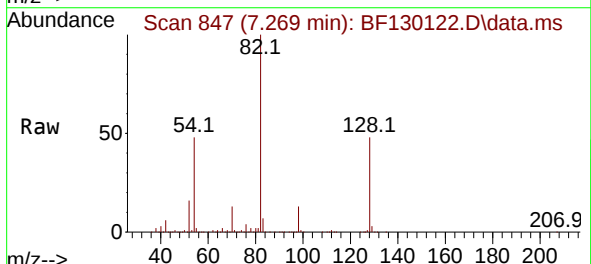
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28486

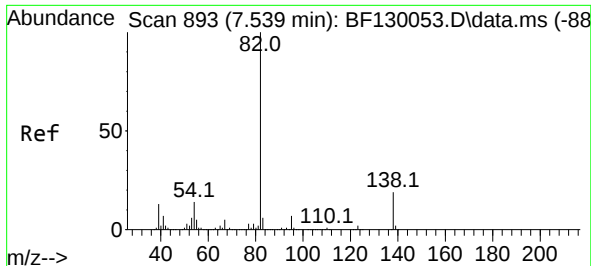
Tgt Ion:136 Resp: 837297
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.8 6.2 9.2
68 6.6 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 99.898 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130122.D
Acq: 02 Sep 2022 21:02

Tgt Ion: 82 Resp: 1301527
Ion Ratio Lower Upper
82 100
128 47.6 36.1 54.1
54 47.5 40.0 60.0

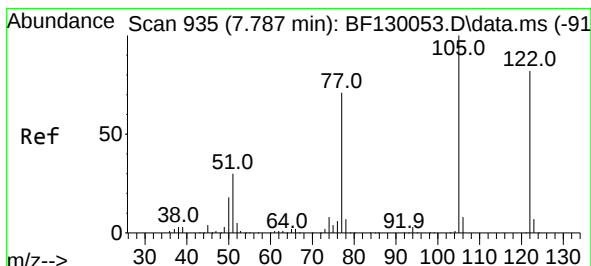
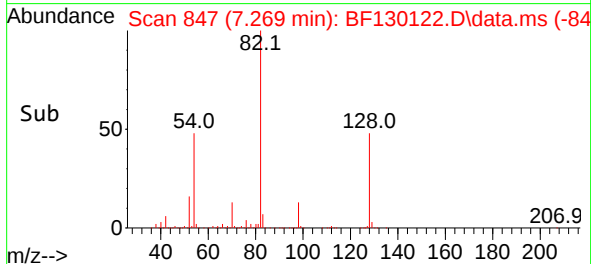
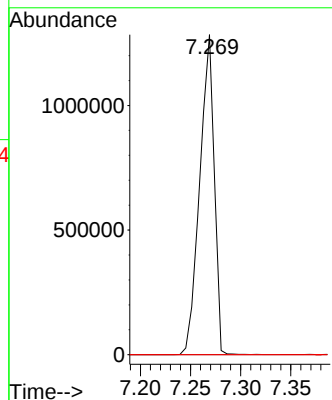
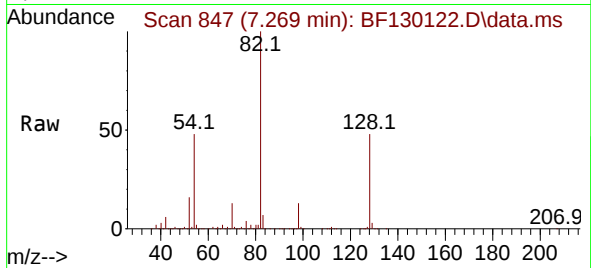




#25
Isophorone
Concen: 49.174 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130122.D
Acq: 02 Sep 2022 21:02

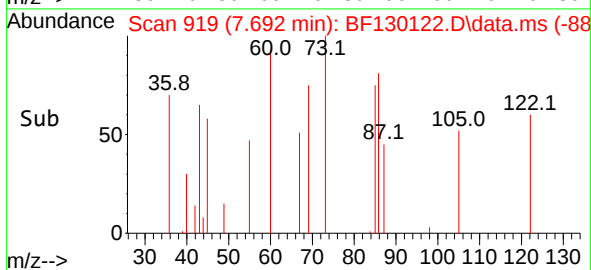
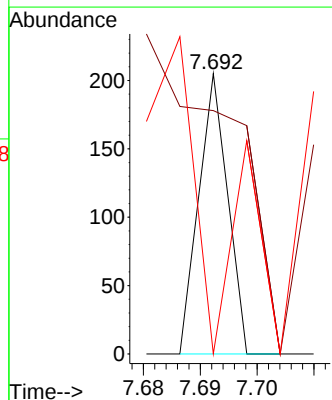
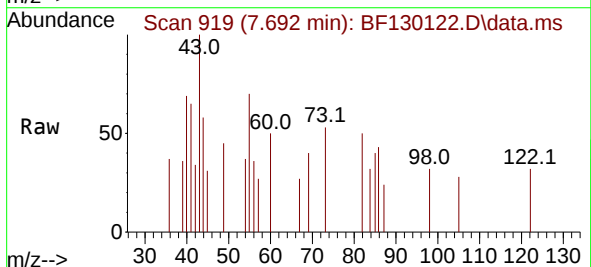
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28486

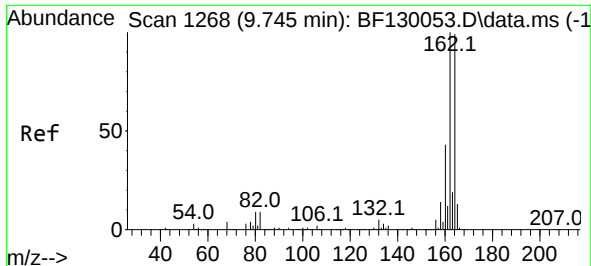
Tgt Ion: 82 Resp: 1296719
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.579 ng
RT: 7.692 min Scan# 919
Delta R.T. -0.095 min
Lab File: BF130122.D
Acq: 02 Sep 2022 21:02

Tgt Ion: 122 Resp: 72
Ion Ratio Lower Upper
122 100
105 86.8 99.9 139.9#
77 0.0 65.9 105.9#

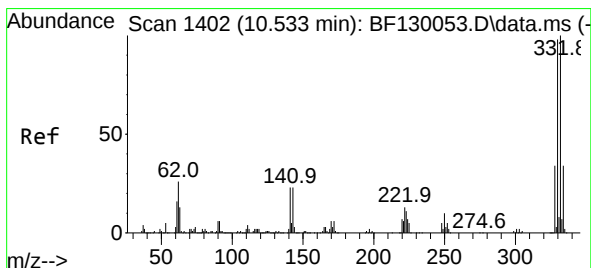
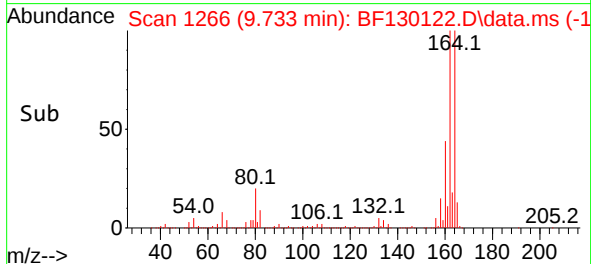
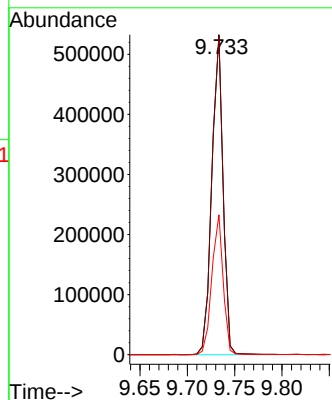
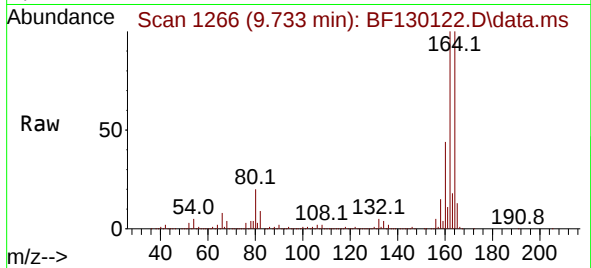




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130122.D
Acq: 02 Sep 2022 21:02

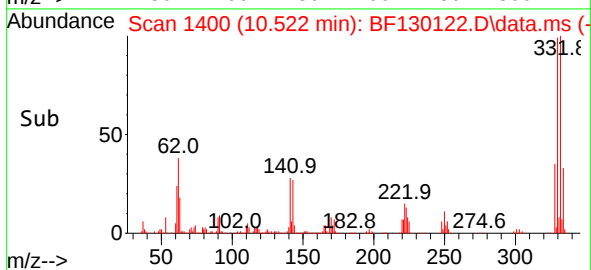
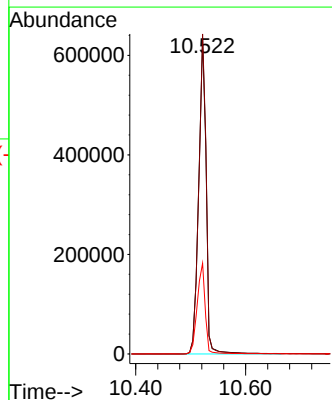
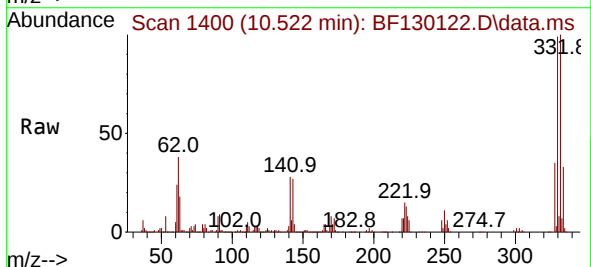
Instrument :
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FRAC-TANK-SV28486

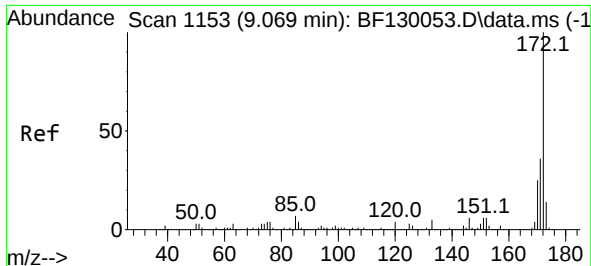
Tgt Ion:164 Resp: 437375
Ion Ratio Lower Upper
164 100
162 99.7 82.0 123.0
160 43.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 151.197 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130122.D
Acq: 02 Sep 2022 21:02

Tgt Ion:330 Resp: 601964
Ion Ratio Lower Upper
330 100
332 100.8 82.6 124.0
141 30.6 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 85.852 ng

RT: 9.063 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130122.D

Acq: 02 Sep 2022 21:02

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-SV28486

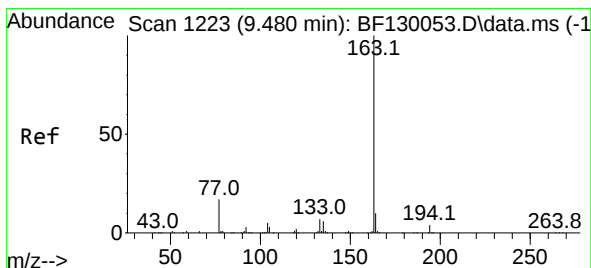
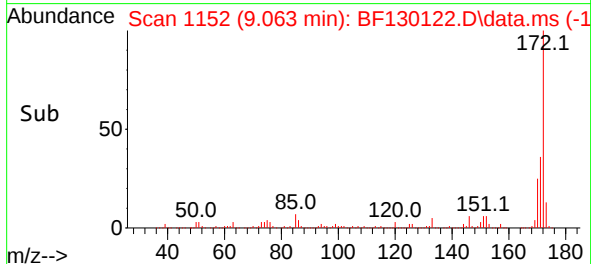
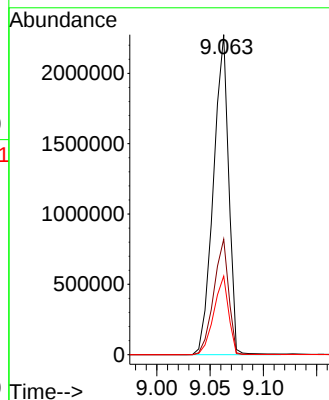
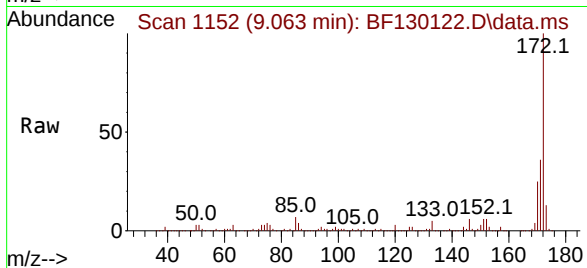
Tgt Ion:172 Resp: 2264813

Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 24.5 19.1 28.7



#50

Dimethylphthalate

Concen: 2.701 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.253 min

Lab File: BF130122.D

Acq: 02 Sep 2022 21:02

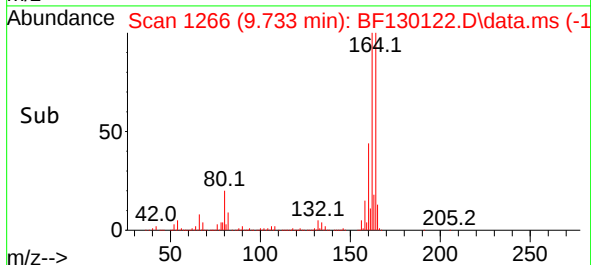
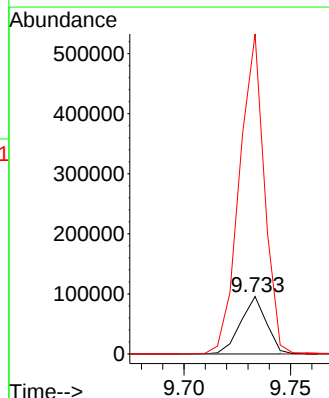
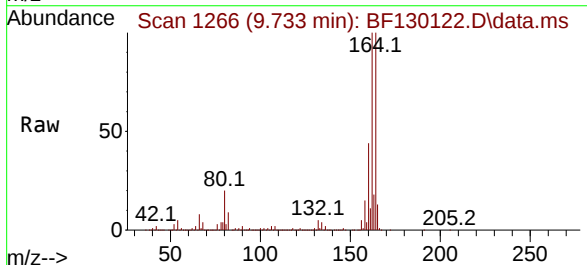
Tgt Ion:163 Resp: 80457

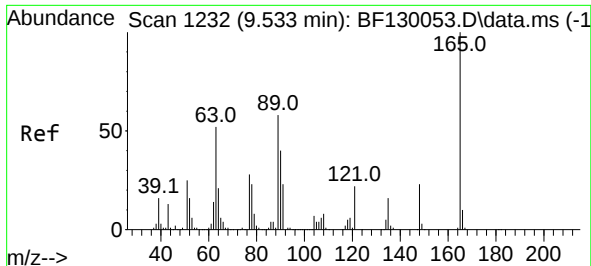
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 556.8 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.824 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.200 min

Lab File: BF130122.D

Acq: 02 Sep 2022 21:02

Instrument :

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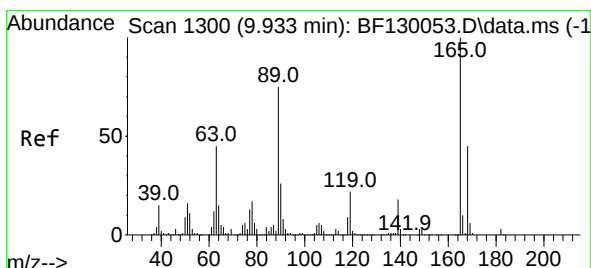
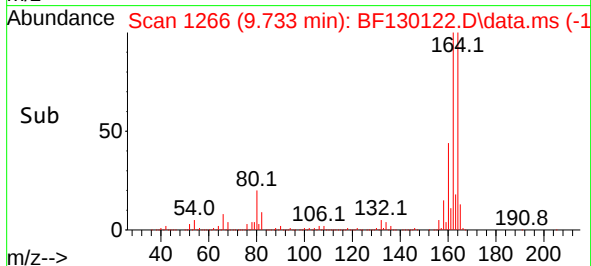
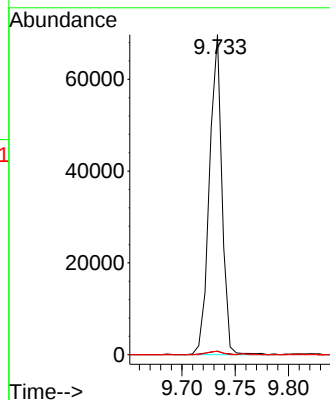
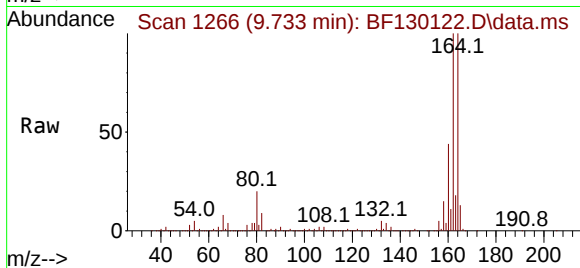
Tgt Ion:165 Resp: 57060

Ion Ratio Lower Upper

165 100

63 1.1 47.8 71.8#

89 1.0 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.533 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.200 min

Lab File: BF130122.D

Acq: 02 Sep 2022 21:02

Tgt Ion:165 Resp: 57060

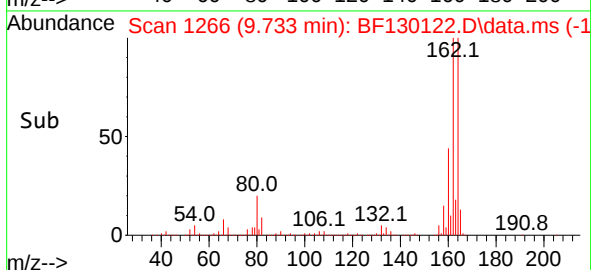
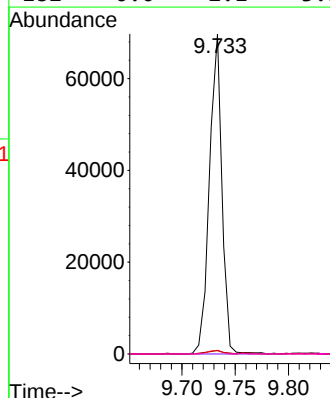
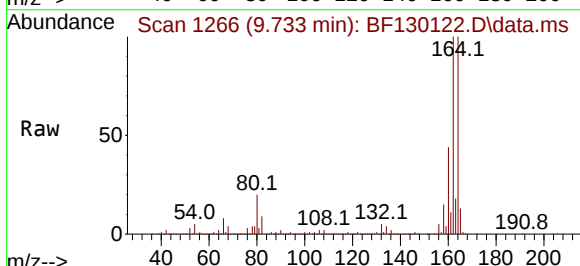
Ion Ratio Lower Upper

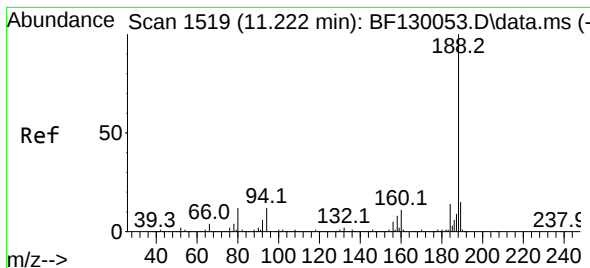
165 100

63 1.1 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: 11.216 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130122.D

Acq: 02 Sep 2022 21:02

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-SV28486

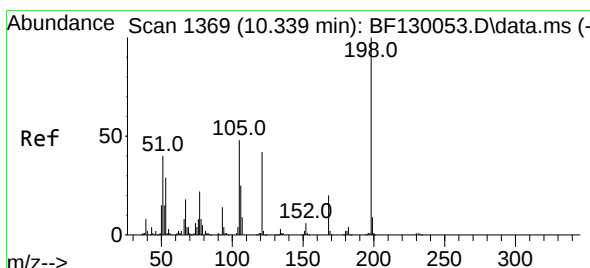
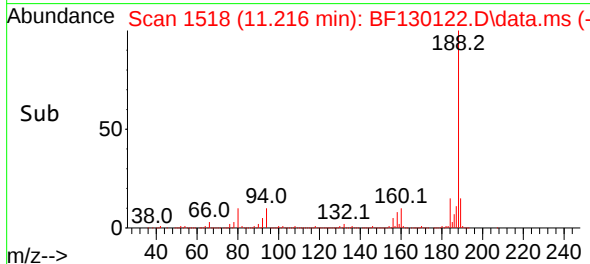
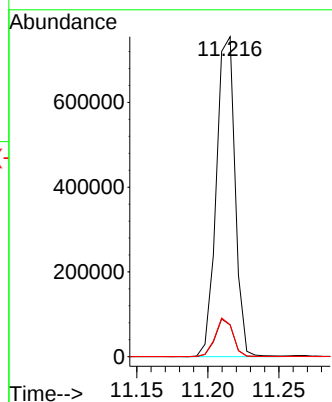
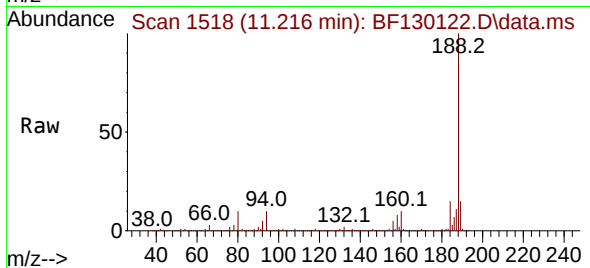
Tgt Ion:188 Resp: 691770

Ion Ratio Lower Upper

188 100

94 9.9 7.4 11.2

80 10.0 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.457 ng

RT: 10.522 min Scan# 1400

Delta R.T. 0.183 min

Lab File: BF130122.D

Acq: 02 Sep 2022 21:02

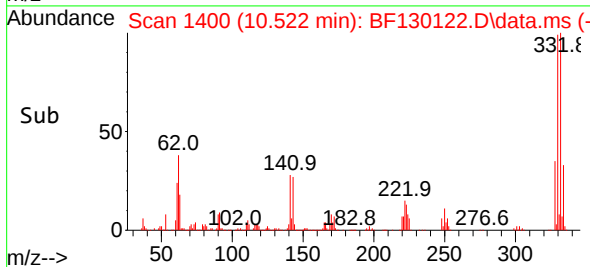
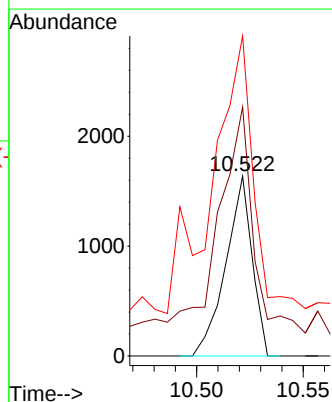
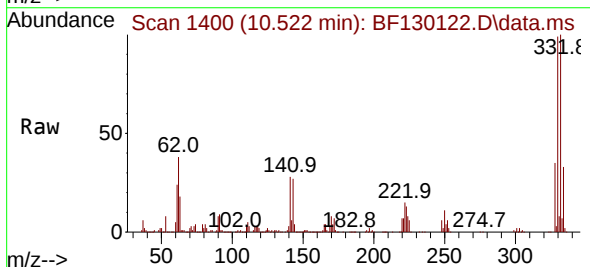
Tgt Ion:198 Resp: 1406

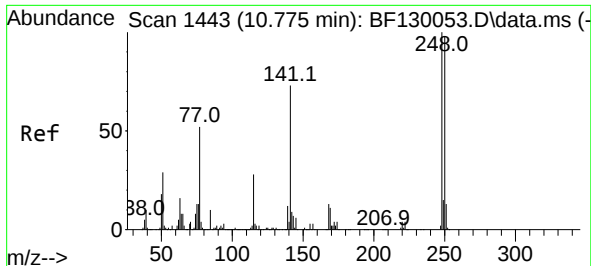
Ion Ratio Lower Upper

198 100

51 138.4 29.4 69.4#

105 177.8 29.2 69.2#

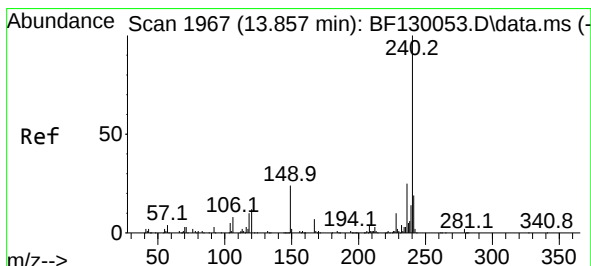
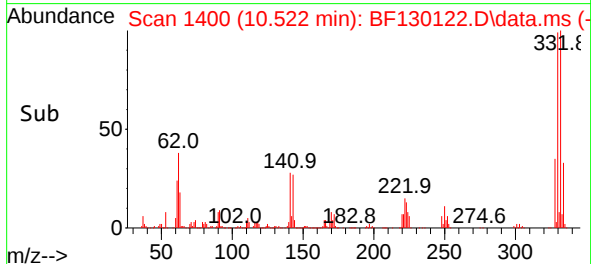
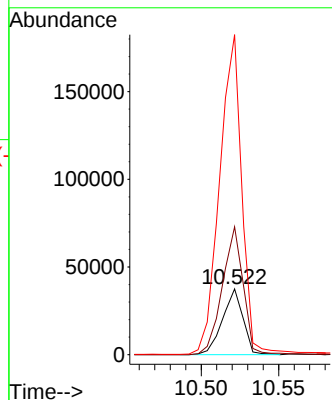
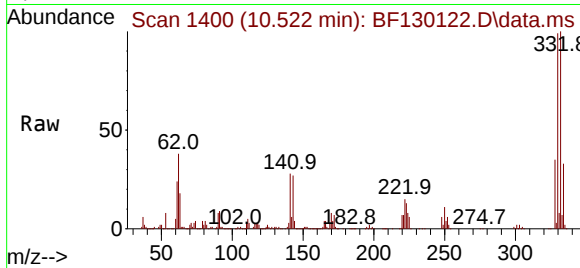




#67
4-Bromophenyl-phenylether
Concen: 4.487 ng
RT: 10.522 min Scan# 1443
Delta R.T. -0.253 min
Lab File: BF130122.D
Acq: 02 Sep 2022 21:02

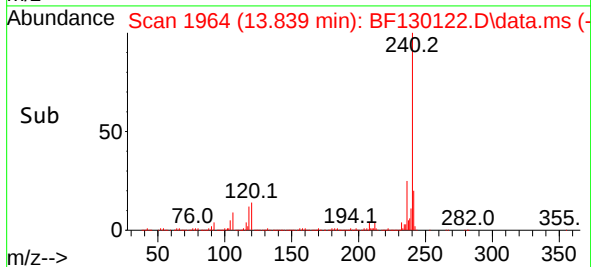
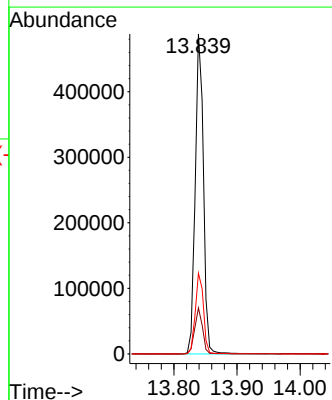
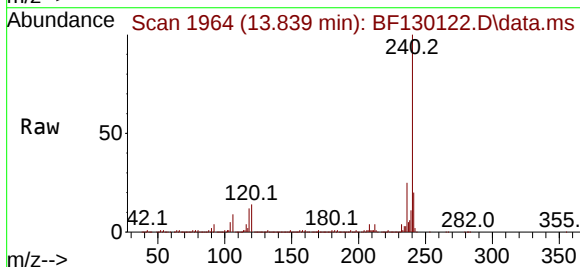
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28486

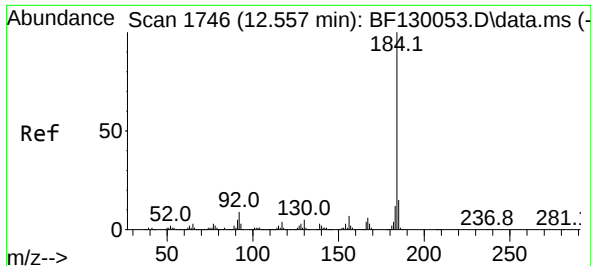
Tgt Ion:248 Resp: 34526
Ion Ratio Lower Upper
248 100
250 194.5 77.8 116.6#
141 487.0 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130122.D
Acq: 02 Sep 2022 21:02

Tgt Ion:240 Resp: 440532
Ion Ratio Lower Upper
240 100
120 14.4 9.2 13.8#
236 25.3 20.7 31.1

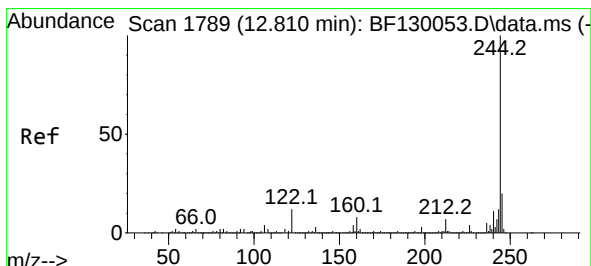
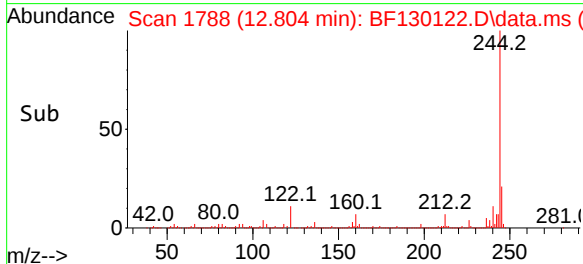
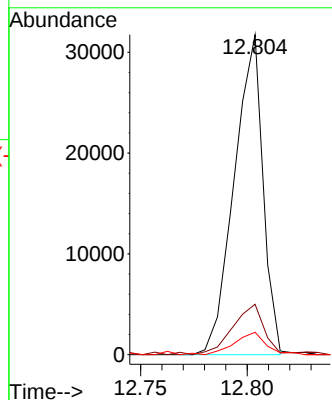
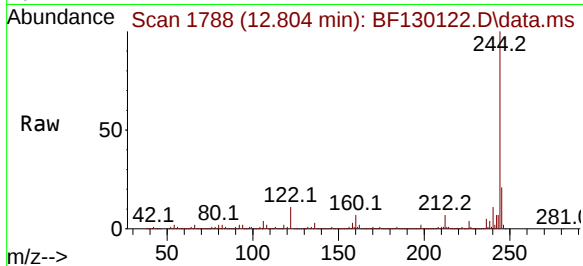




#77
Benzidine
Concen: 2.498 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.247 min
Lab File: BF130122.D
Acq: 02 Sep 2022 21:02

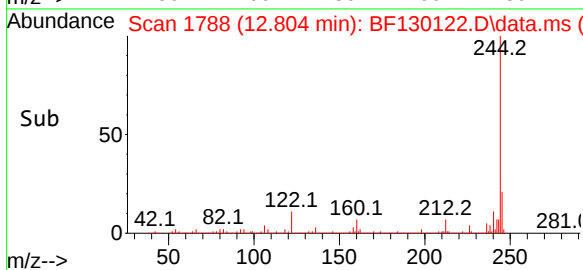
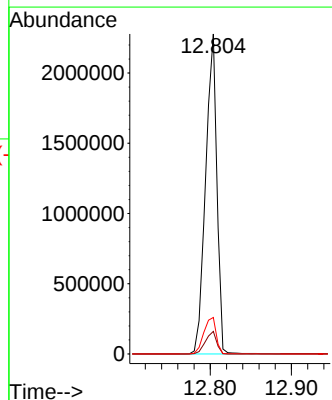
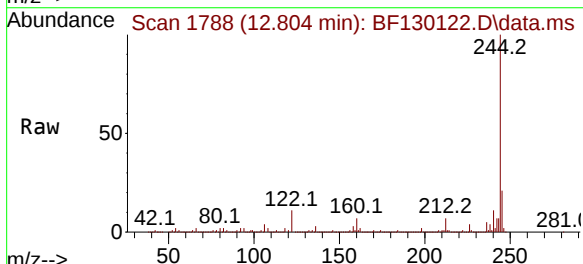
Instrument :
BNA_F
ClientSampleId :
FRAC-TANK-SV28486

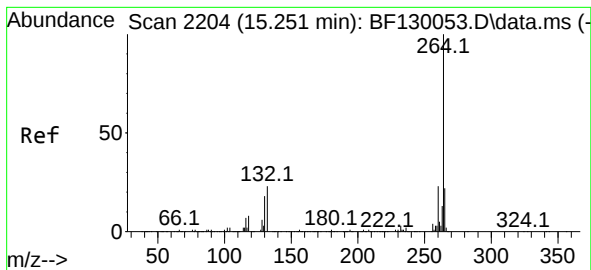
Tgt Ion:184 Resp: 29708
Ion Ratio Lower Upper
184 100
185 15.7 11.4 17.2
183 7.0 9.4 14.2#



#79
Terphenyl-d14
Concen: 86.307 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF130122.D
Acq: 02 Sep 2022 21:02

Tgt Ion:244 Resp: 2192524
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 11.4 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: BF130122.D

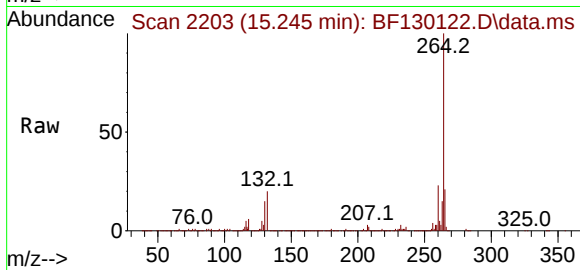
Acq: 02 Sep 2022 21:02

Instrument :

BNA_F

ClientSampleId :

FRAC-TANK-SV28486



Tgt Ion:264 Resp: 410405

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.2 16.7 25.1

