

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131842.D
 Acq On : 27 Dec 2022 17:58
 Operator : CG\JU
 Sample : N6199-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-604-COMP-1

Quant Time: Dec 28 00:37:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

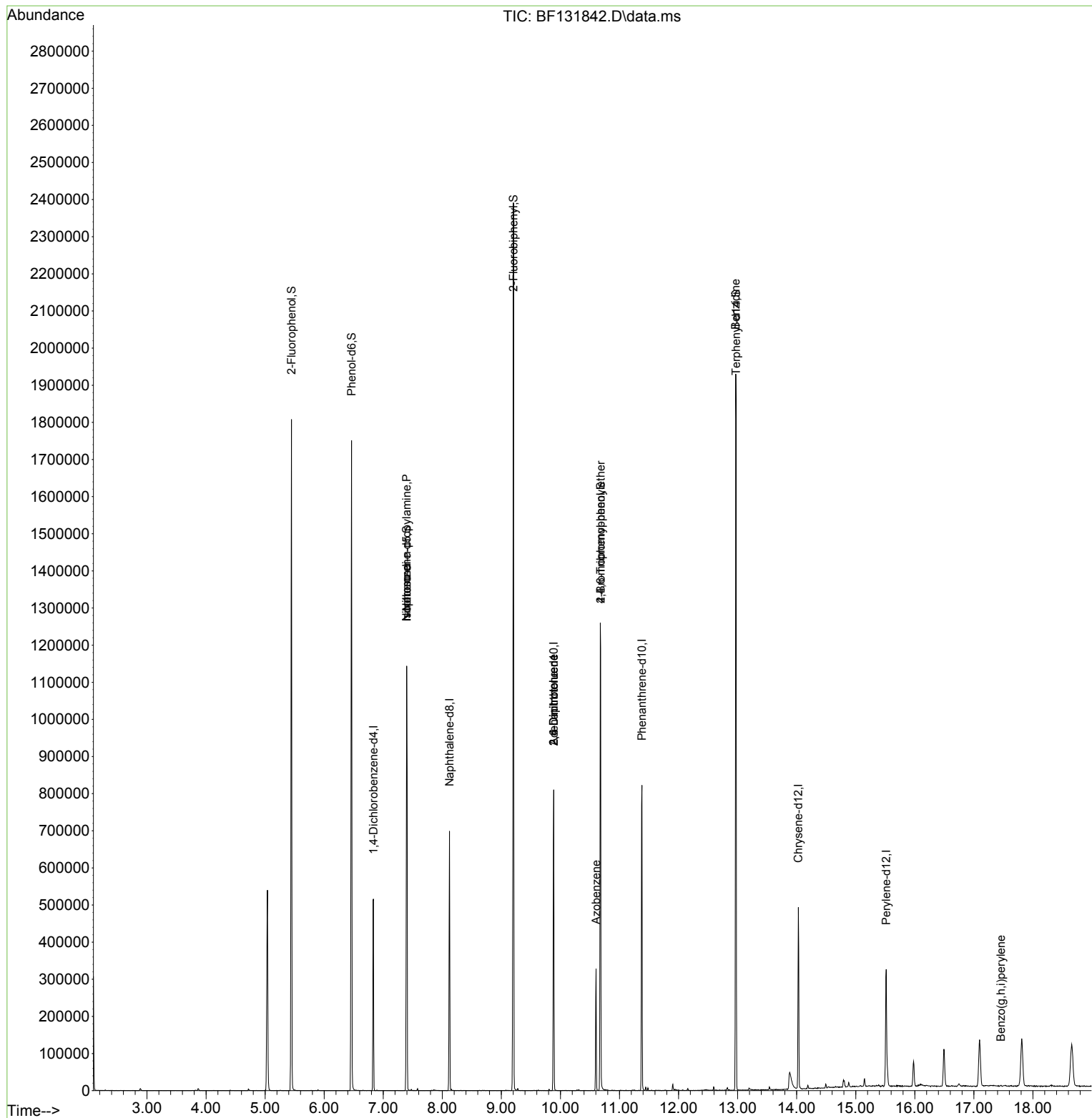
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	74534	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	274391	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	159501	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	306111	20.000	ng	0.00
76) Chrysene-d12	14.027	240	158324	20.000	ng	-0.01
86) Perylene-d12	15.515	264	148756	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	424925	94.480	ng	0.00
7) Phenol-d6	6.463	99	549884	93.060	ng	0.00
23) Nitrobenzene-d5	7.398	82	400926	58.337	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	143585	82.854	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	662290	56.875	ng	0.00
79) Terphenyl-d14	12.974	244	681584	72.820	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	55042	13.190	ng	# 79
25) Isophorone	7.398	82	399261	35.574	ng	# 69
51) 2,6-Dinitrotoluene	9.886	165	21309	8.158	ng	# 17
57) 2,4-Dinitrotoluene	9.886	165	21309	5.965	ng	# 17
63) Azobenzene	10.604	77	57260	4.442	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	10210	2.878	ng	# 1
77) Benzidine	12.968	184	10278	3.950	ng	# 93
92) Benzo(g,h,i)perylene	17.456	276	923	5.337	ng	# 56

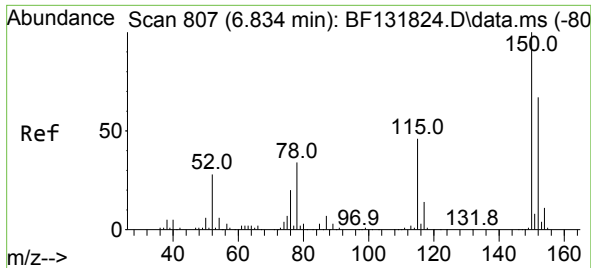
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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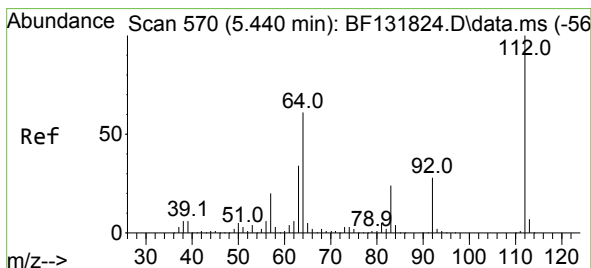
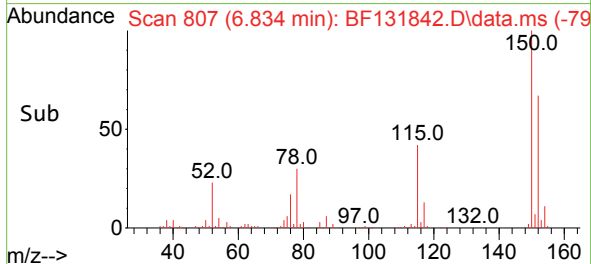
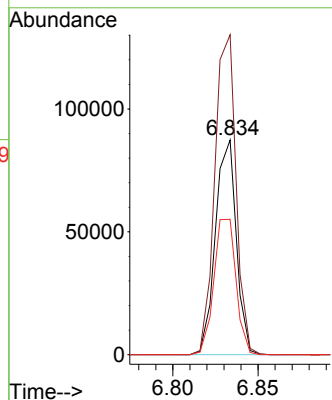
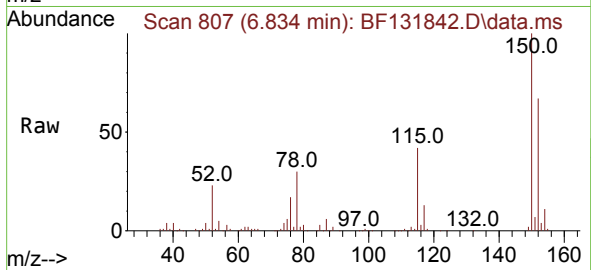




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 807
 Delta R.T. -0.000 min
 Lab File: BF131842.D
 Acq: 27 Dec 2022 17:58

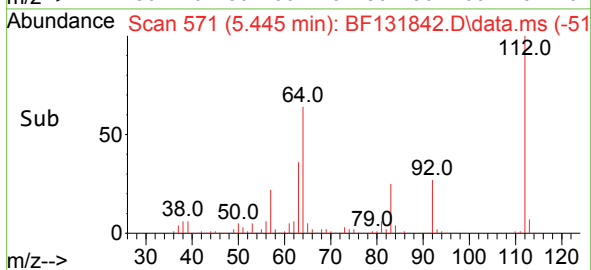
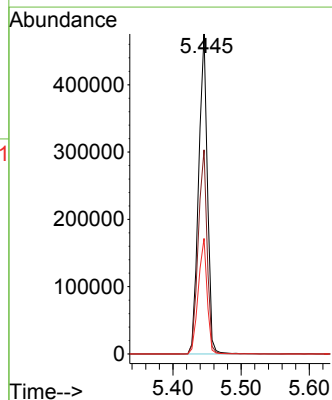
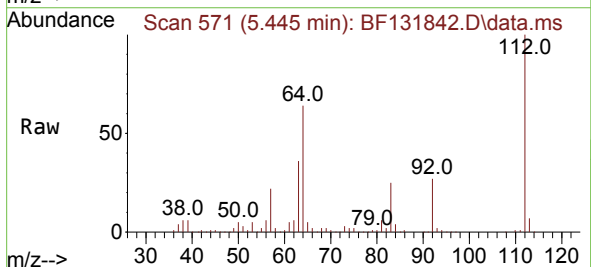
Instrument :
 BNA_F
 ClientSampleId :
 TR-604-COMP-1

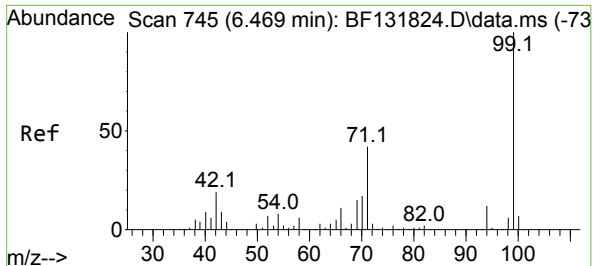
Tgt Ion:152 Resp: 74534
 Ion Ratio Lower Upper
 152 100
 150 149.0 120.0 180.0
 115 63.0 55.1 82.7



#5
 2-Fluorophenol
 Concen: 94.480 ng
 RT: 5.445 min Scan# 571
 Delta R.T. 0.006 min
 Lab File: BF131842.D
 Acq: 27 Dec 2022 17:58

Tgt Ion:112 Resp: 424925
 Ion Ratio Lower Upper
 112 100
 64 63.8 49.2 73.8
 63 36.1 27.5 41.3

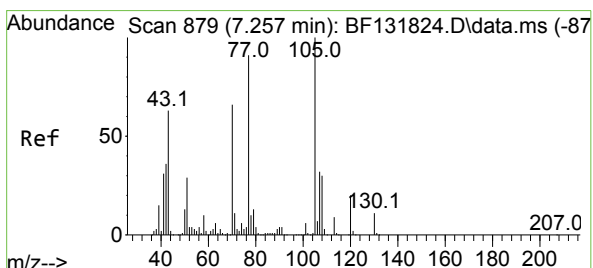
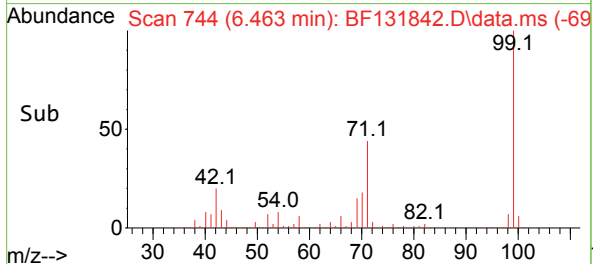
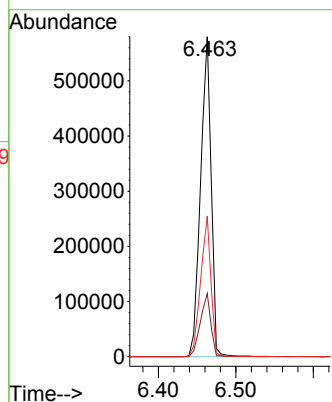
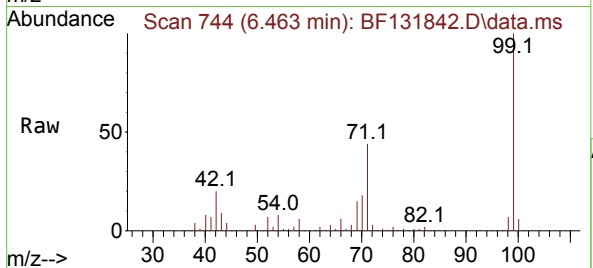




#7
Phenol-d6
Concen: 93.060 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF131842.D
Acq: 27 Dec 2022 17:58

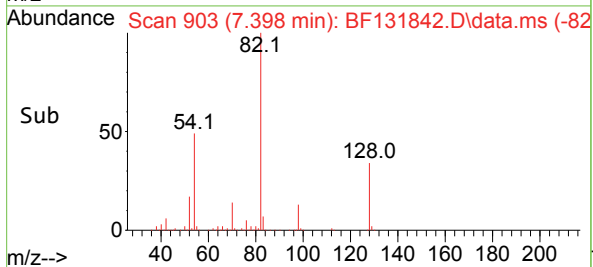
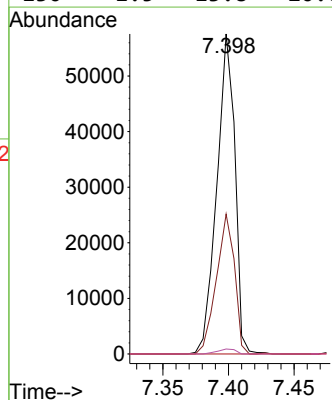
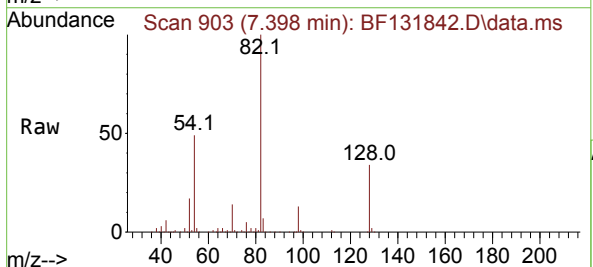
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1

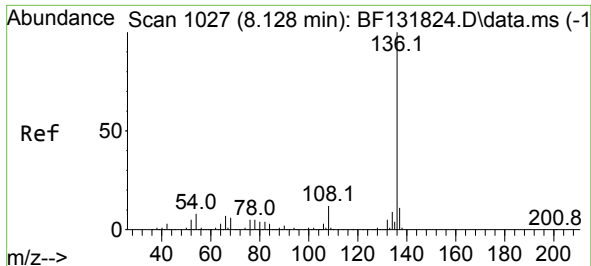
Tgt Ion: 99 Resp: 549884
Ion Ratio Lower Upper
99 100
42 19.7 15.3 22.9
71 43.9 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 13.190 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF131842.D
Acq: 27 Dec 2022 17:58

Tgt Ion: 70 Resp: 55042
Ion Ratio Lower Upper
70 100
42 43.7 43.8 65.6#
101 0.0 7.4 11.0#
130 1.5 13.8 20.6#



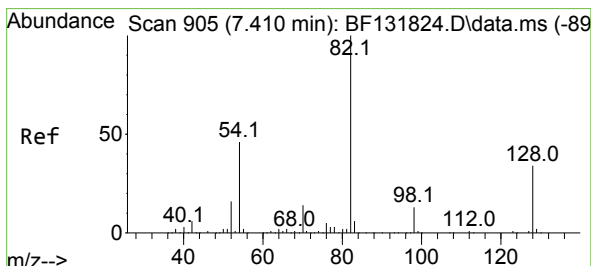
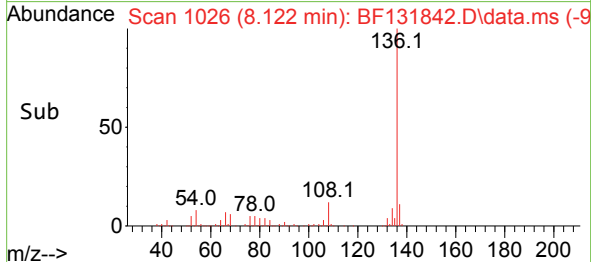
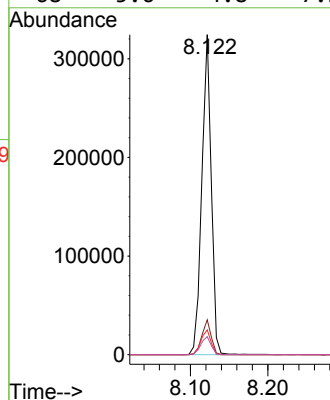
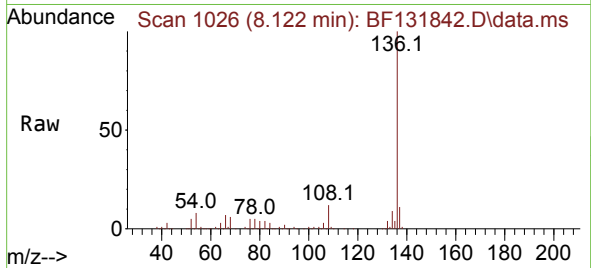


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF131842.D
Acq: 27 Dec 2022 17:58

Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1

Tgt Ion:136 Resp: 274391

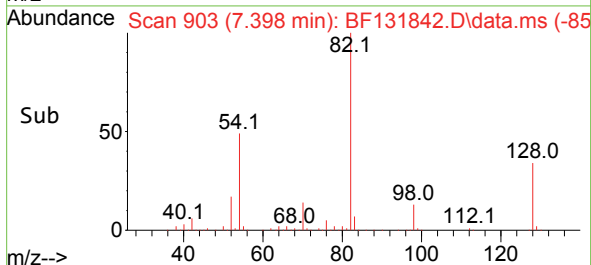
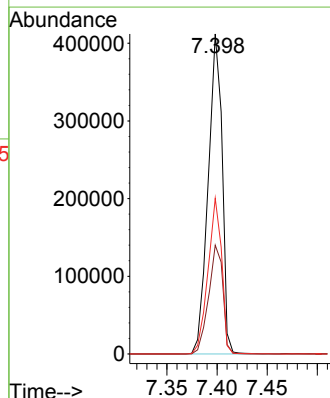
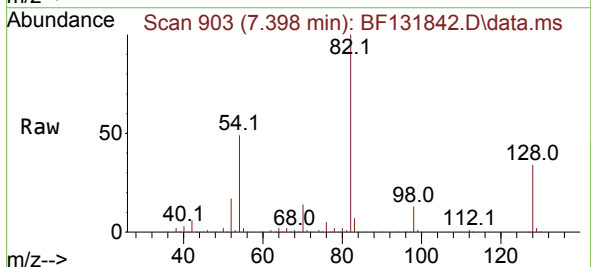
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	7.7	6.7	10.1
68	5.6	4.8	7.2

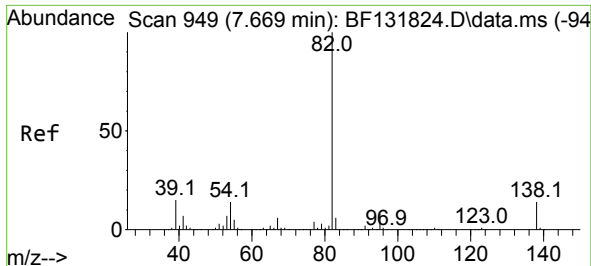


#23
Nitrobenzene-d5
Concen: 58.337 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF131842.D
Acq: 27 Dec 2022 17:58

Tgt Ion: 82 Resp: 400926

Ion	Ratio	Lower	Upper
82	100		
128	34.0	27.1	40.7
54	48.7	37.0	55.6

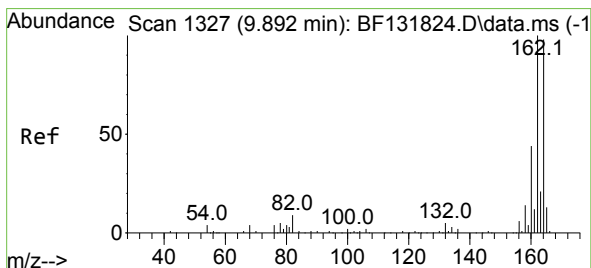
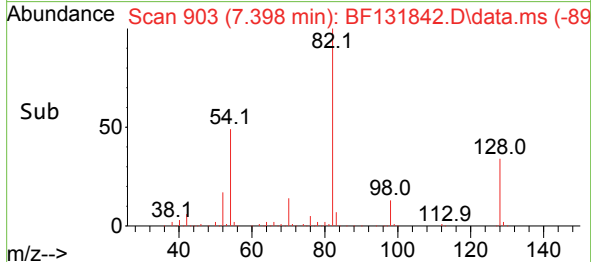
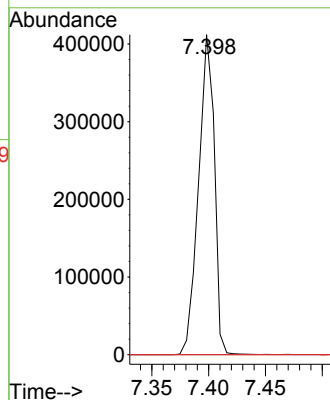
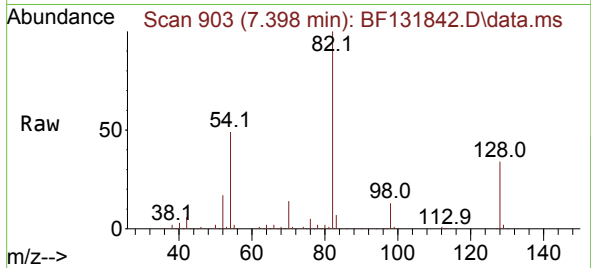




#25
Isophorone
Concen: 35.574 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF131842.D
Acq: 27 Dec 2022 17:58

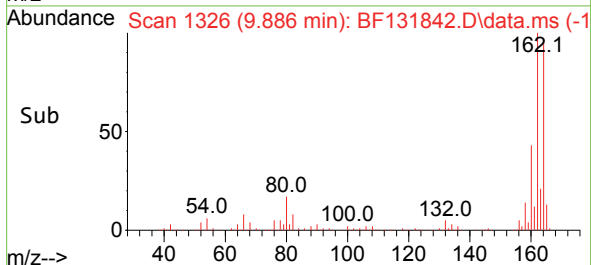
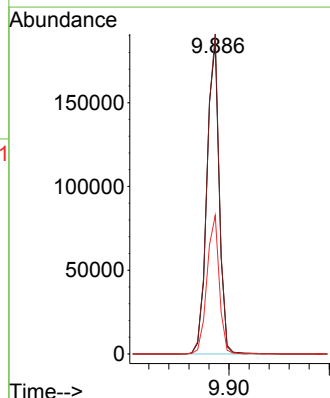
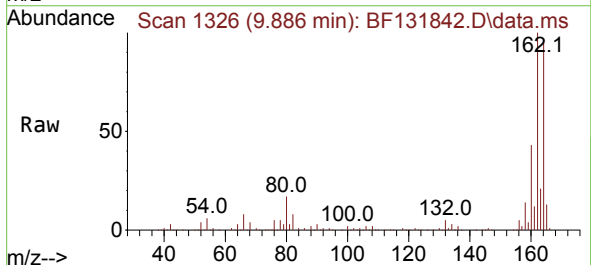
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1

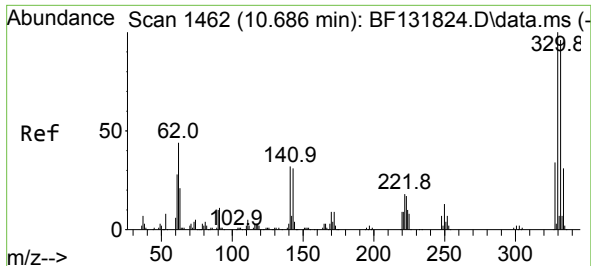
Tgt Ion: 82 Resp: 399261
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF131842.D
Acq: 27 Dec 2022 17:58

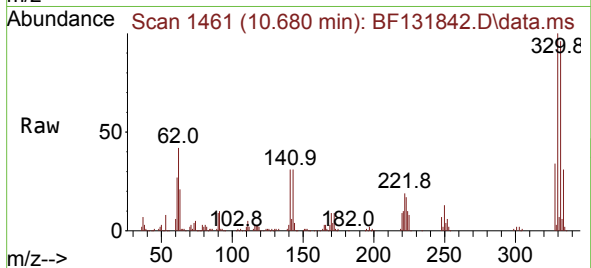
Tgt Ion:164 Resp: 159501
Ion Ratio Lower Upper
164 100
162 102.6 81.8 122.6
160 44.5 35.7 53.5



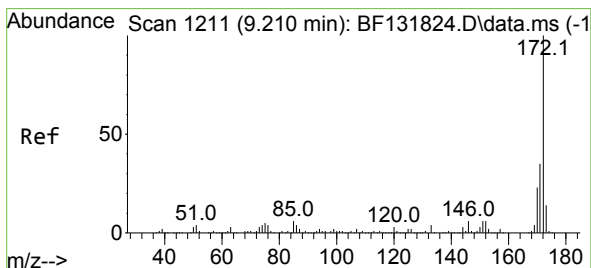
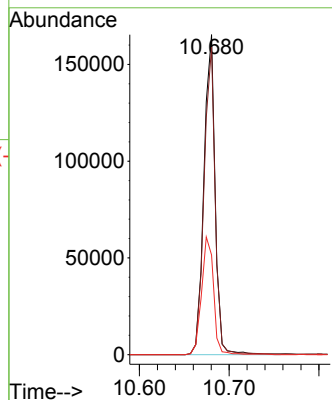
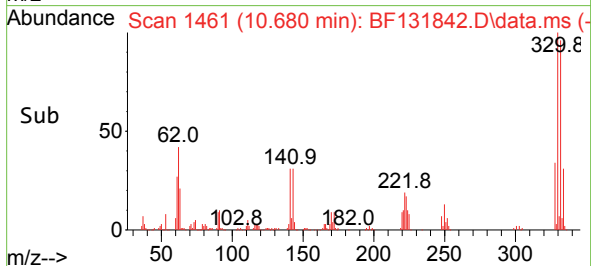


#42
2,4,6-Tribromophenol
Concen: 82.854 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF131842.D
Acq: 27 Dec 2022 17:58

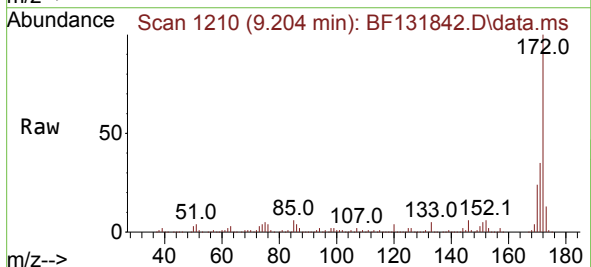
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ClientSampleId :
TR-604-COMP-1



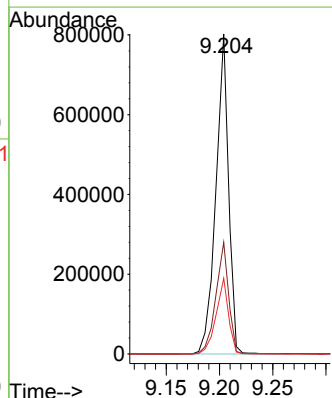
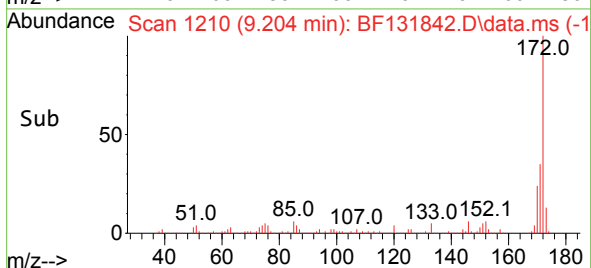
Tgt Ion:330 Resp: 143585
Ion Ratio Lower Upper
330 100
332 95.8 77.0 115.4
141 39.2 31.0 46.4

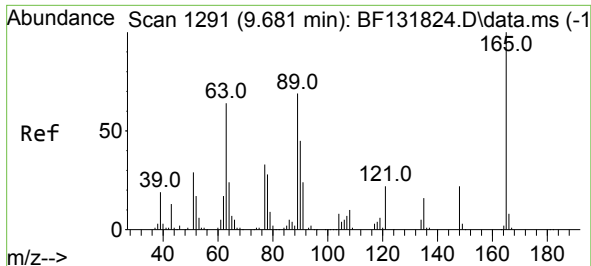


#45
2-Fluorobiphenyl
Concen: 56.875 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF131842.D
Acq: 27 Dec 2022 17:58



Tgt Ion:172 Resp: 662290
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.7 18.7 28.1

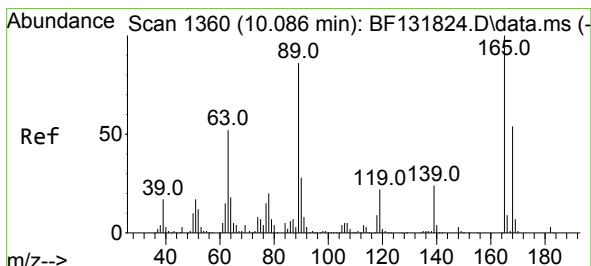
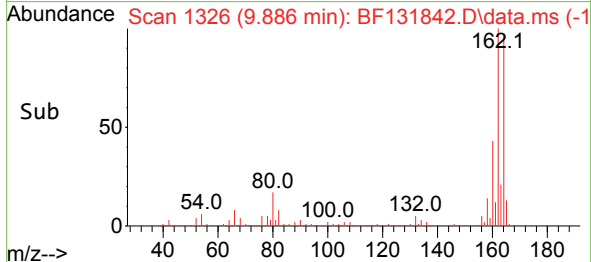
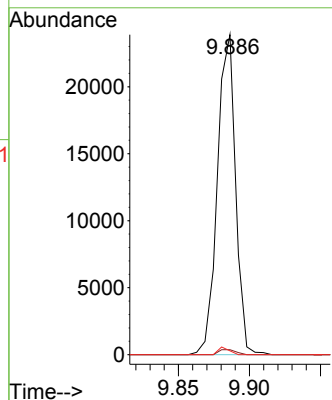
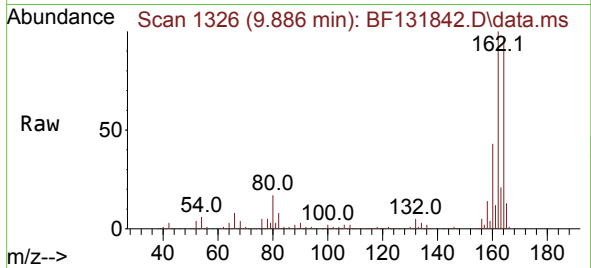




#51
2,6-Dinitrotoluene
Concen: 8.158 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131842.D
Acq: 27 Dec 2022 17:58

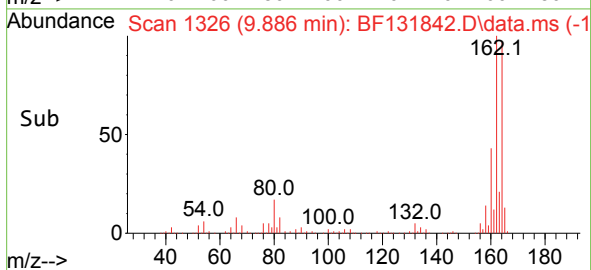
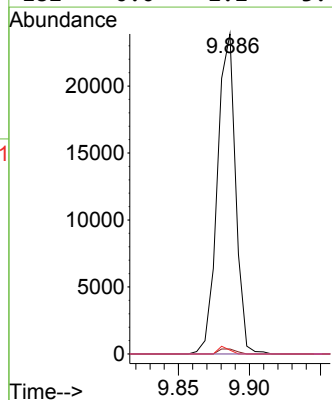
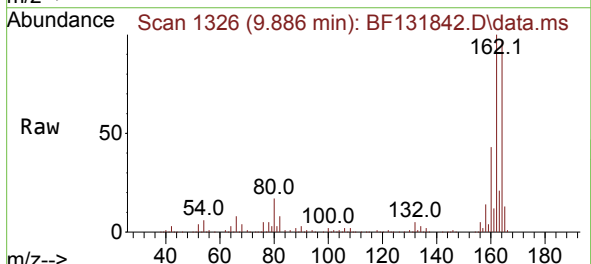
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BNA_F
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TR-604-COMP-1

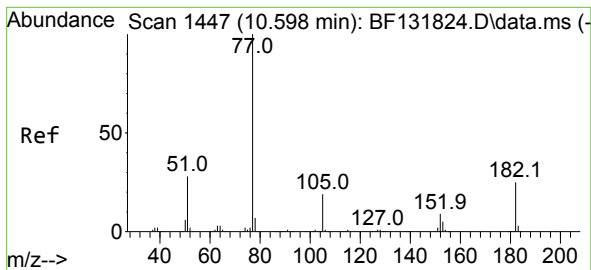
Tgt Ion:165 Resp: 21309
Ion Ratio Lower Upper
165 100
63 1.6 55.1 82.7#
89 1.2 55.0 82.4#



#57
2,4-Dinitrotoluene
Concen: 5.965 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF131842.D
Acq: 27 Dec 2022 17:58

Tgt Ion:165 Resp: 21309
Ion Ratio Lower Upper
165 100
63 1.6 42.1 63.1#
89 1.2 69.1 103.7#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 4.442 ng

RT: 10.604 min Scan# 1447

Delta R.T. 0.006 min

Lab File: BF131842.D

Acq: 27 Dec 2022 17:58

Instrument :

BNA_F

ClientSampleId :

TR-604-COMP-1

Tgt Ion: 77 Resp: 57260

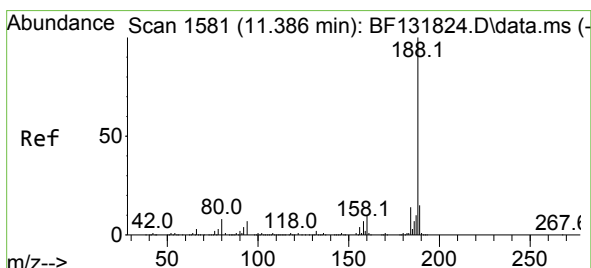
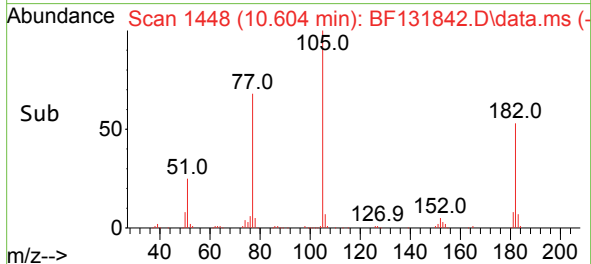
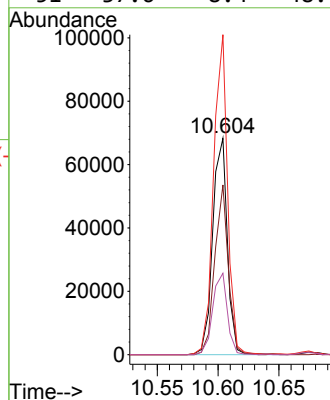
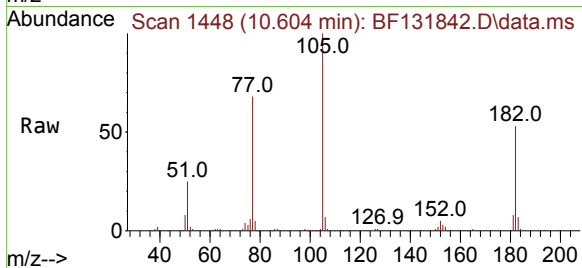
Ion Ratio Lower Upper

77 100

182 78.5 5.0 45.0#

105 147.9 0.0 39.4#

51 37.6 8.4 48.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF131842.D

Acq: 27 Dec 2022 17:58

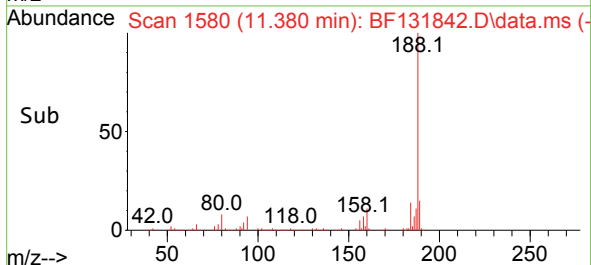
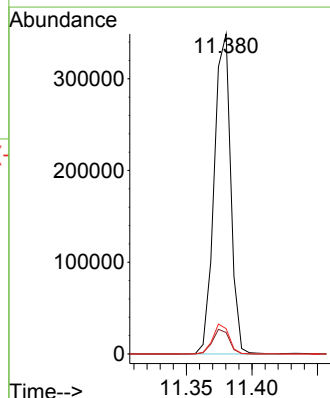
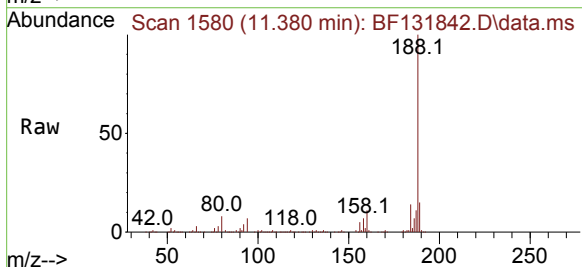
Tgt Ion: 188 Resp: 306111

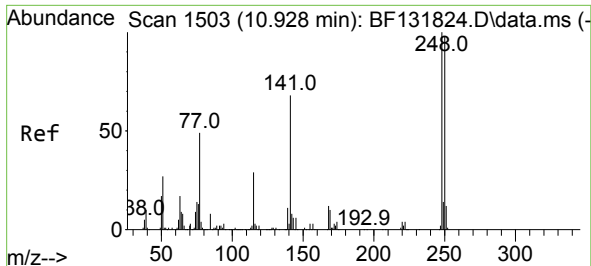
Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.6

80 7.9 6.7 10.1

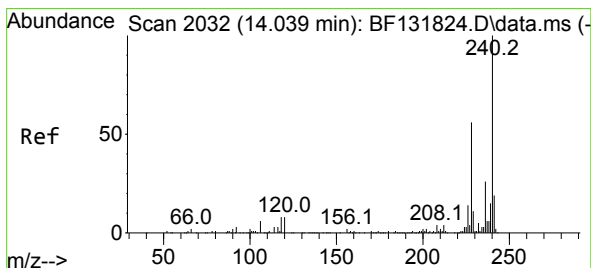
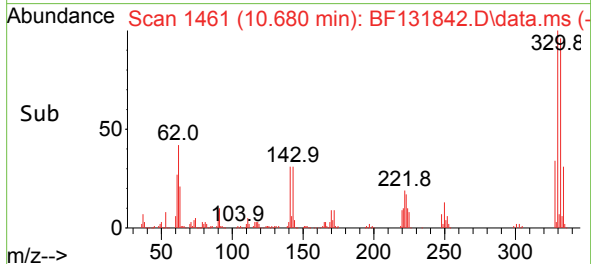
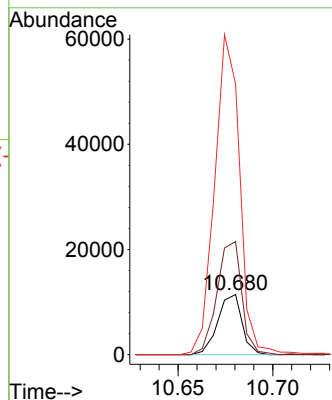
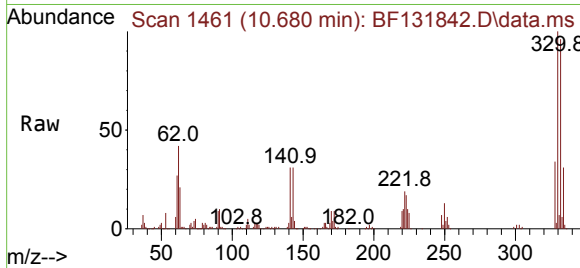




#67
4-Bromophenyl-phenylether
Concen: 2.878 ng
RT: 10.680 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131842.D
Acq: 27 Dec 2022 17:58

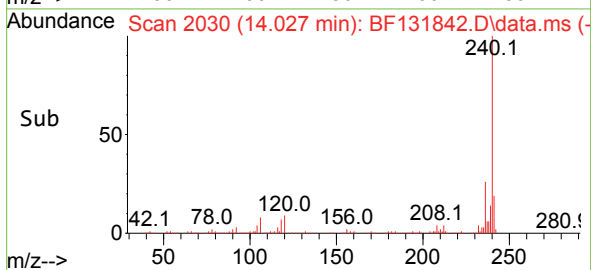
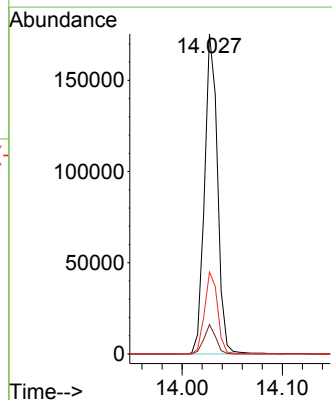
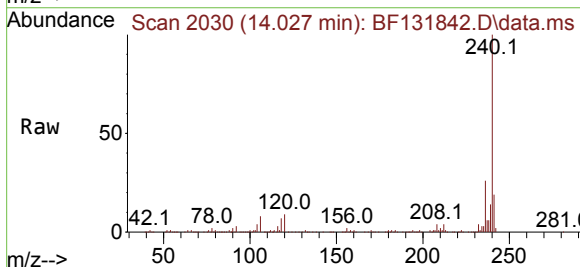
Instrument :
BNA_F
ClientSampleId :
TR-604-COMP-1

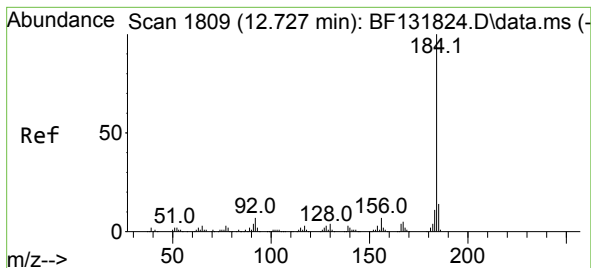
Tgt Ion:248 Resp: 10210
Ion Ratio Lower Upper
248 100
250 188.0 78.0 117.0#
141 449.9 54.8 82.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF131842.D
Acq: 27 Dec 2022 17:58

Tgt Ion:240 Resp: 158324
Ion Ratio Lower Upper
240 100
120 9.2 6.7 10.1
236 25.6 20.6 31.0





#77

Benzidine

Concen: 3.950 ng

RT: 12.968 min Scan# 1850

Delta R.T. 0.241 min

Lab File: BF131842.D

Acq: 27 Dec 2022 17:58

Instrument :

BNA_F

ClientSampleId :

TR-604-COMP-1

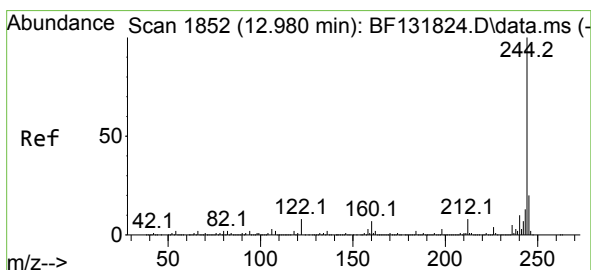
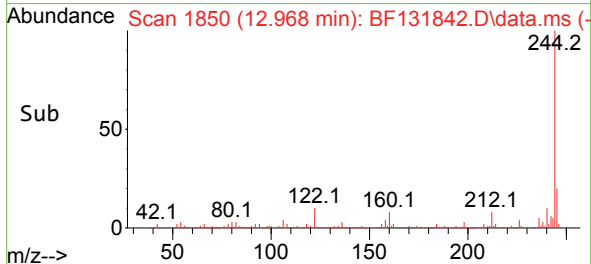
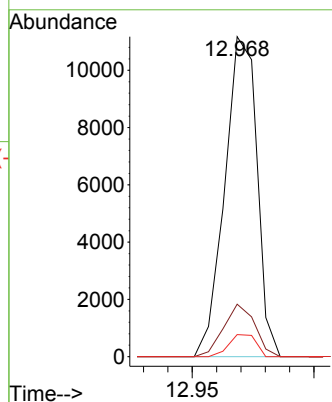
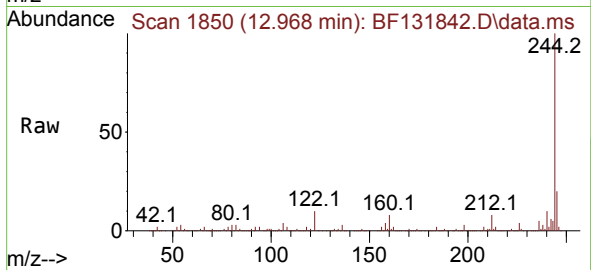
Tgt Ion:184 Resp: 10278

Ion Ratio Lower Upper

184 100

185 16.4 11.6 17.4

183 6.9 9.0 13.4#



#79

Terphenyl-d14

Concen: 72.820 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF131842.D

Acq: 27 Dec 2022 17:58

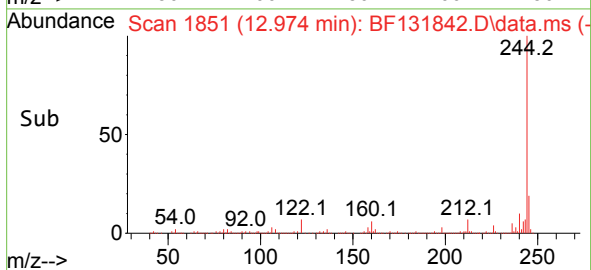
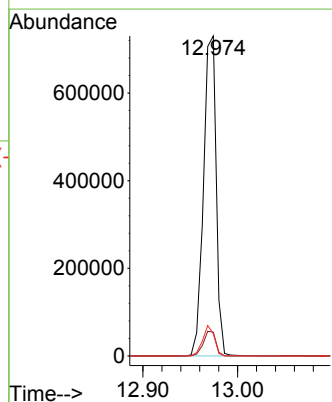
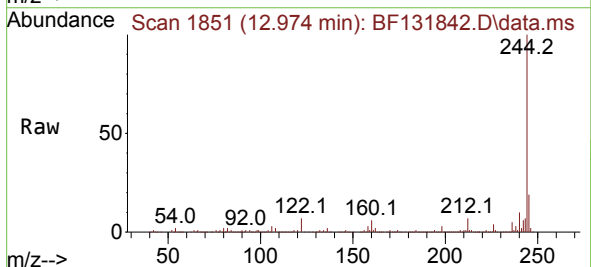
Tgt Ion:244 Resp: 681584

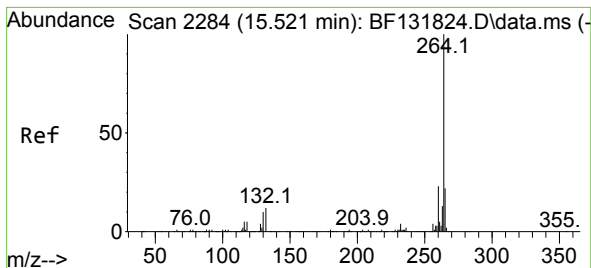
Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

122 7.0 6.4 9.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131842.D

Acq: 27 Dec 2022 17:58

Instrument :

BNA_F

ClientSampleId :

TR-604-COMP-1

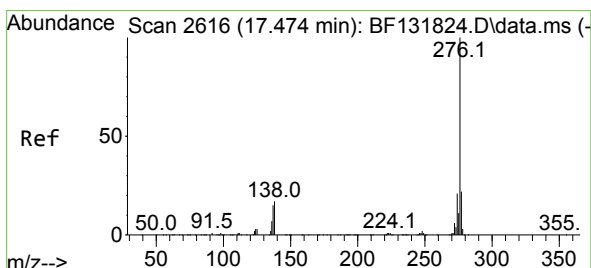
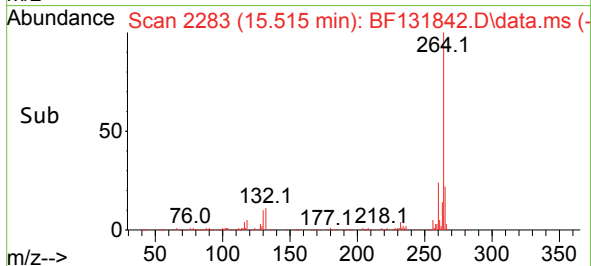
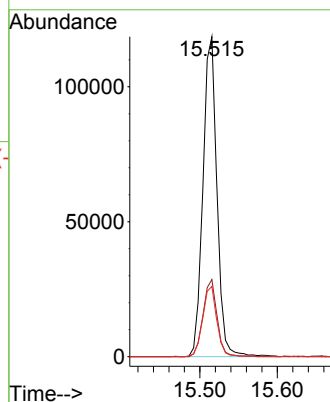
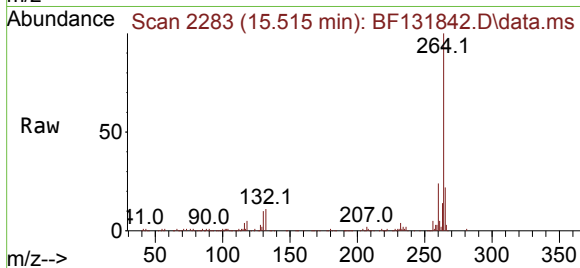
Tgt Ion:264 Resp: 148756

Ion Ratio Lower Upper

264 100

260 24.1 18.6 28.0

265 21.9 17.4 26.0



#92

Benzo(g,h,i)perylene

Concen: 5.337 ng

RT: 17.456 min Scan# 2613

Delta R.T. -0.018 min

Lab File: BF131842.D

Acq: 27 Dec 2022 17:58

Tgt Ion:276 Resp: 923

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 0.0 13.7 20.5#

