

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131844.D
 Acq On : 27 Dec 2022 19:00
 Operator : CG\JU
 Sample : N6200-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-502A-COMP-3

Quant Time: Dec 28 00:38:27 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)

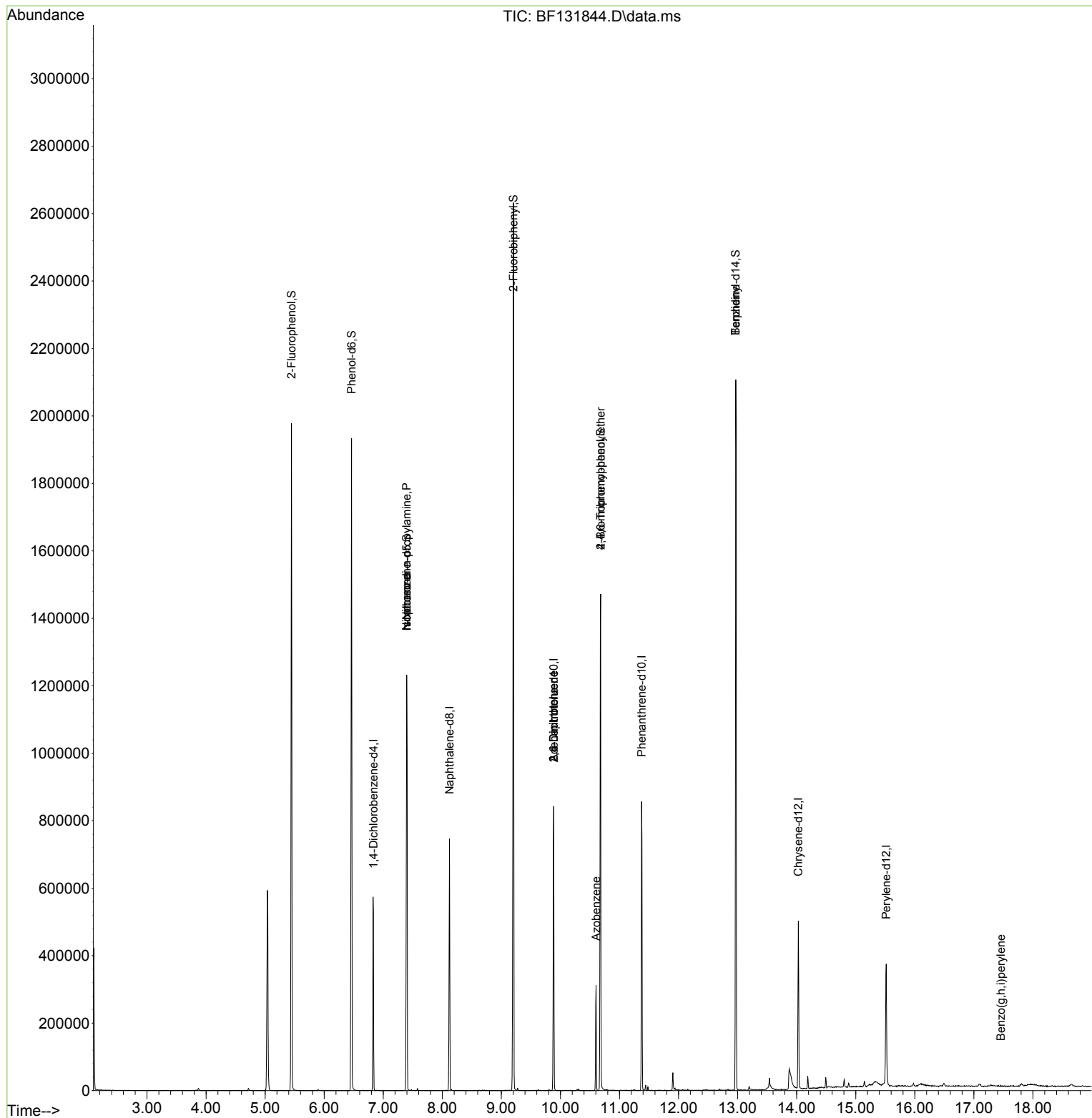
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	79624	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	291529	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	169184	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	312891	20.000	ng	#-0.01
76) Chrysene-d12	14.027	240	155158	20.000	ng	-0.01
86) Perylene-d12	15.515	264	164797	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	479223	99.741	ng	0.00
7) Phenol-d6	6.463	99	620173	98.246	ng	0.00
23) Nitrobenzene-d5	7.398	82	446315	61.124	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	164599	89.544	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	760545	61.575	ng	0.00
79) Terphenyl-d14	12.968	244	733158	79.928	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.398	70	62449	14.008	ng	# 80
25) Isophorone	7.398	82	444522	37.278	ng	# 69
51) 2,6-Dinitrotoluene	9.886	165	20804	7.508	ng	# 17
57) 2,4-Dinitrotoluene	9.886	165	20804	5.490	ng	# 17
63) Azobenzene	10.604	77	55278	4.043	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	11344	3.128	ng	# 1
77) Benzidine	12.968	184	11184	4.386	ng	# 95
92) Benzo(g,h,i)perylene	17.456	276	58	5.252	ng	# 56

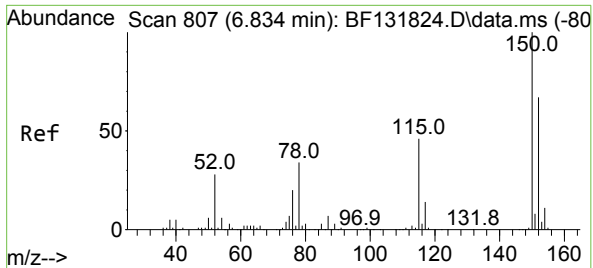
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 13 Sample Multiplier: 1

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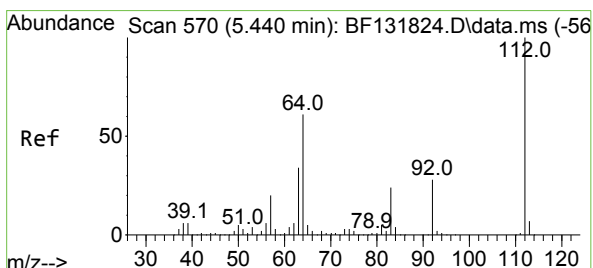
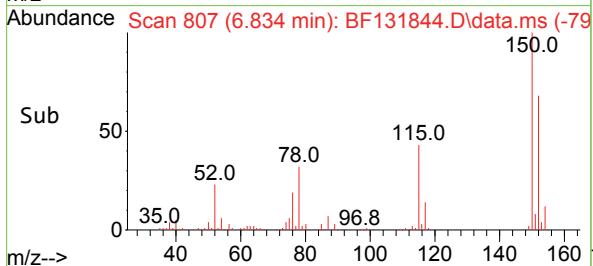
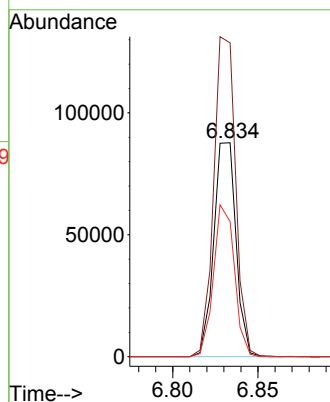
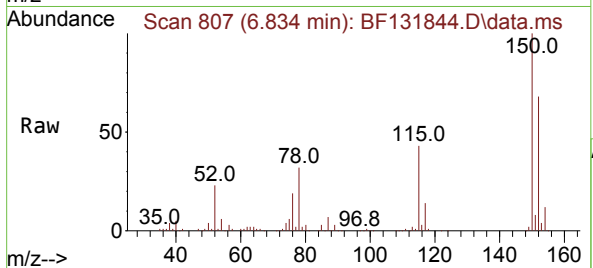




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF131844.D
Acq: 27 Dec 2022 19:00

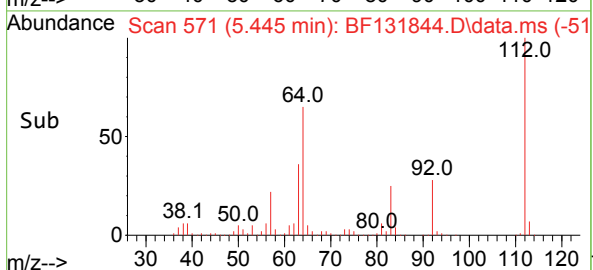
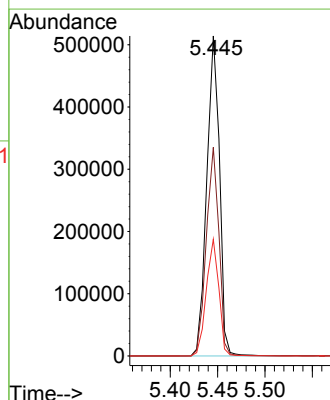
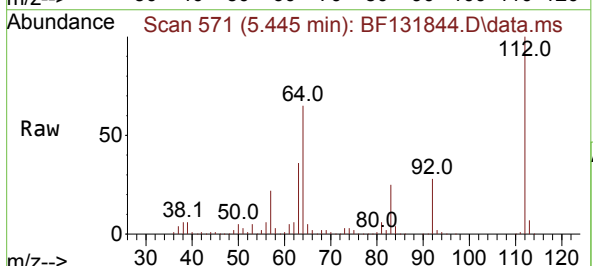
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BNA_F
ClientSampleId :
PL-502A-COMP-3

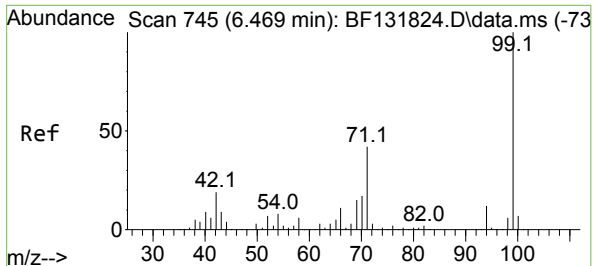
Tgt Ion:152 Resp: 79624
Ion Ratio Lower Upper
152 100
150 146.6 120.0 180.0
115 63.1 55.1 82.7



#5
2-Fluorophenol
Concen: 99.741 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF131844.D
Acq: 27 Dec 2022 19:00

Tgt Ion:112 Resp: 479223
Ion Ratio Lower Upper
112 100
64 65.2 49.2 73.8
63 36.4 27.5 41.3

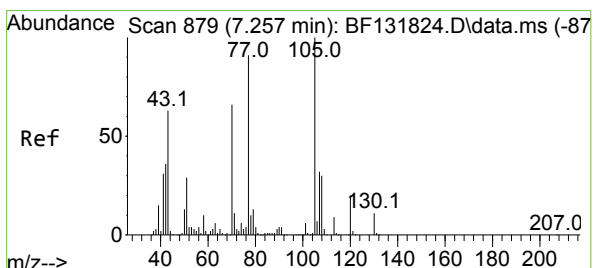
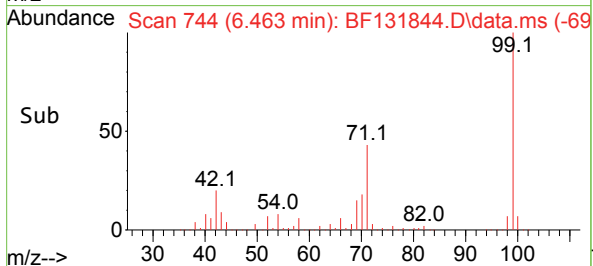
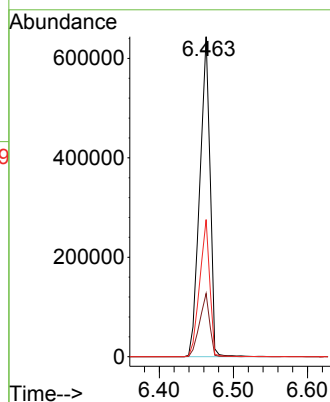
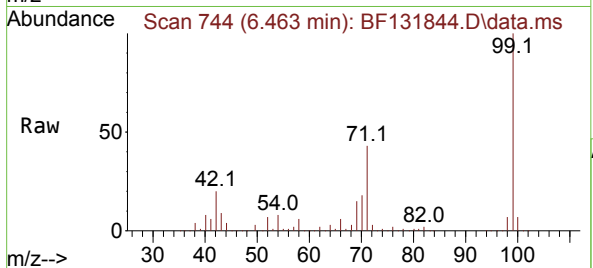




#7
Phenol-d6
Concen: 98.246 ng
RT: 6.463 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF131844.D
Acq: 27 Dec 2022 19:00

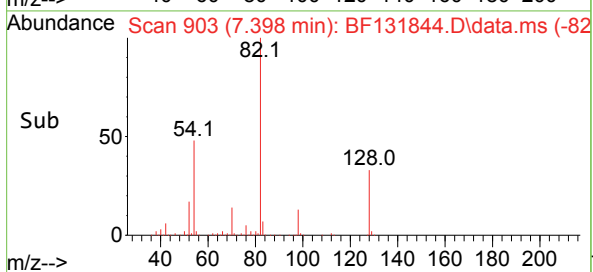
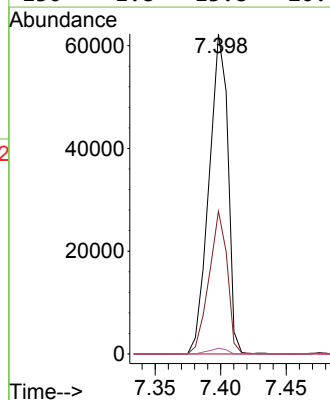
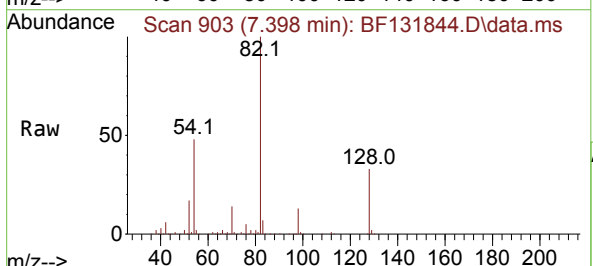
Instrument :
BNA_F
ClientSampleId :
PL-502A-COMP-3

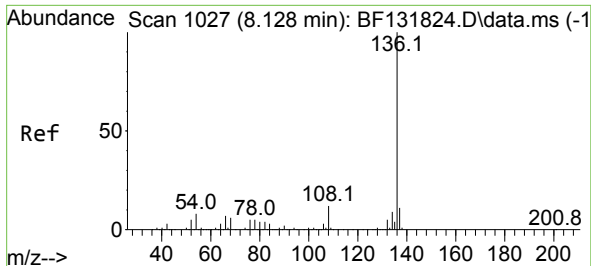
Tgt Ion: 99 Resp: 620173
Ion Ratio Lower Upper
99 100
42 19.7 15.3 22.9
71 42.9 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.008 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF131844.D
Acq: 27 Dec 2022 19:00

Tgt Ion: 70 Resp: 62449
Ion Ratio Lower Upper
70 100
42 44.6 43.8 65.6
101 0.0 7.4 11.0#
130 1.8 13.8 20.6#

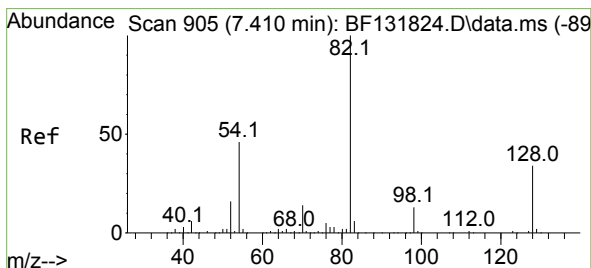
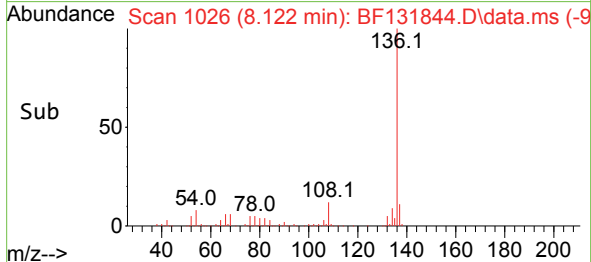
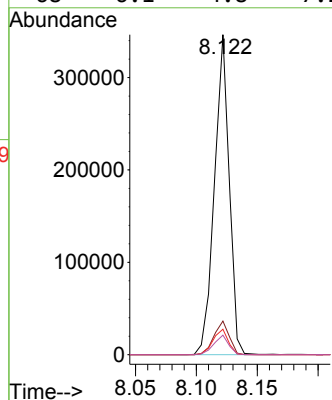
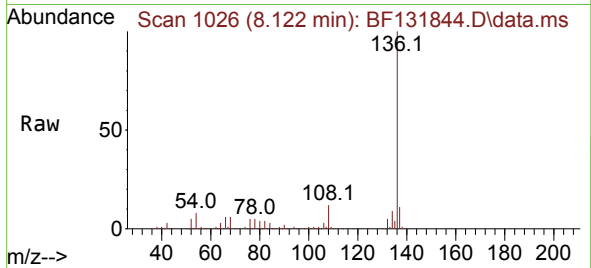




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF131844.D
Acq: 27 Dec 2022 19:00

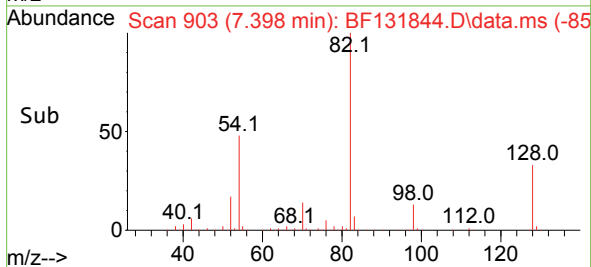
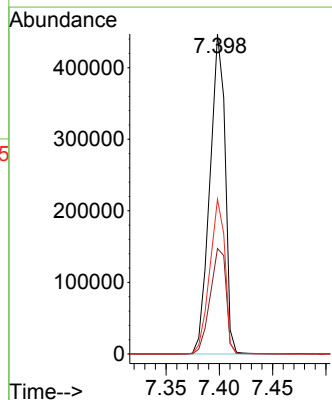
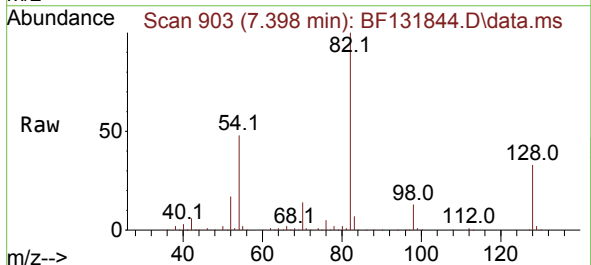
Instrument :
BNA_F
ClientSampleId :
PL-502A-COMP-3

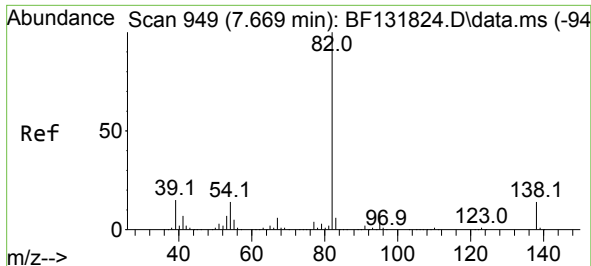
Tgt Ion:136 Resp: 291529
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.9 6.7 10.1
68 6.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 61.124 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF131844.D
Acq: 27 Dec 2022 19:00

Tgt Ion: 82 Resp: 446315
Ion Ratio Lower Upper
82 100
128 33.0 27.1 40.7
54 48.4 37.0 55.6

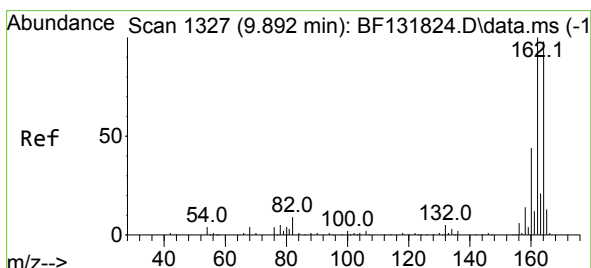
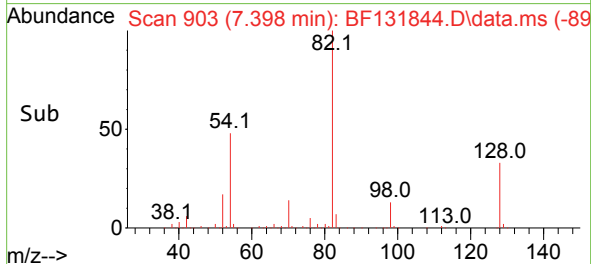
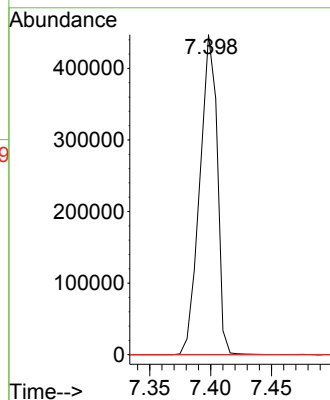
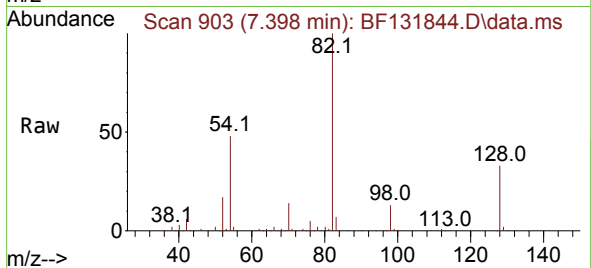




#25
Isophorone
Concen: 37.278 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF131844.D
Acq: 27 Dec 2022 19:00

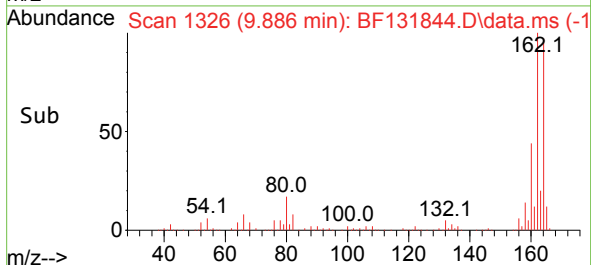
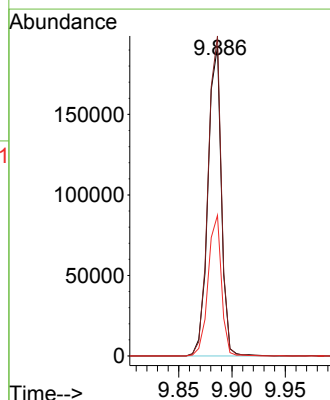
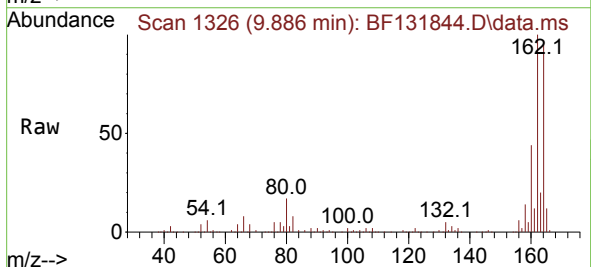
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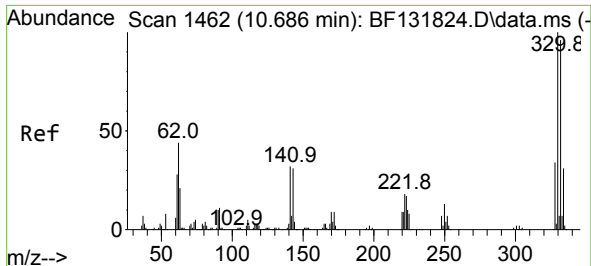
Tgt Ion: 82 Resp: 444522
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF131844.D
Acq: 27 Dec 2022 19:00

Tgt Ion:164 Resp: 169184
Ion Ratio Lower Upper
164 100
162 103.3 81.8 122.6
160 45.4 35.7 53.5

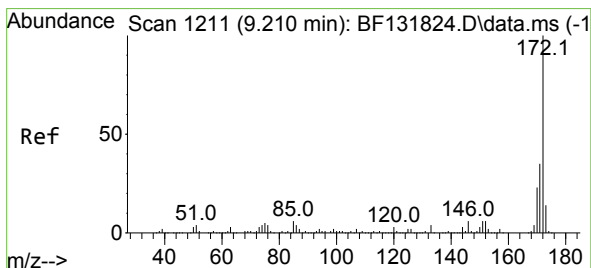
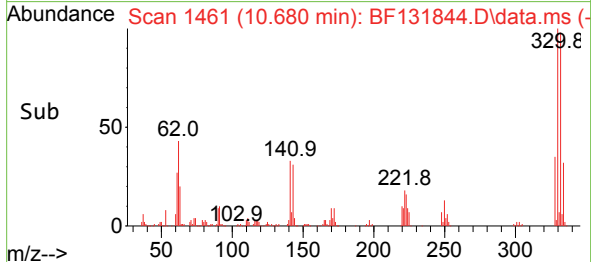
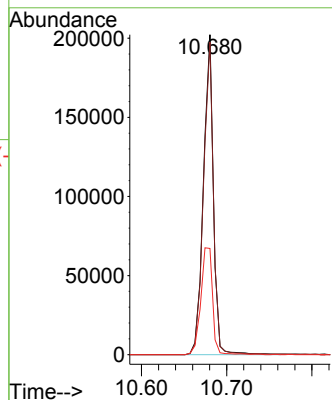
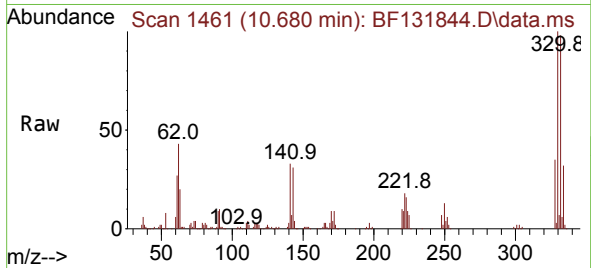




#42
 2,4,6-Tribromophenol
 Concen: 89.544 ng
 RT: 10.680 min Scan# 1461
 Delta R.T. -0.006 min
 Lab File: BF131844.D
 Acq: 27 Dec 2022 19:00

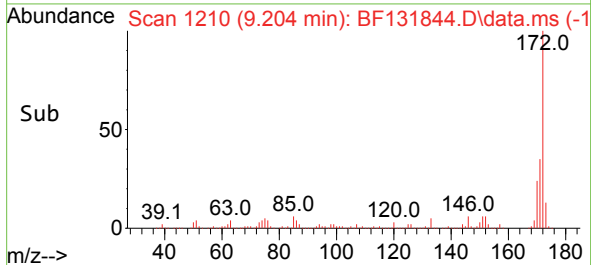
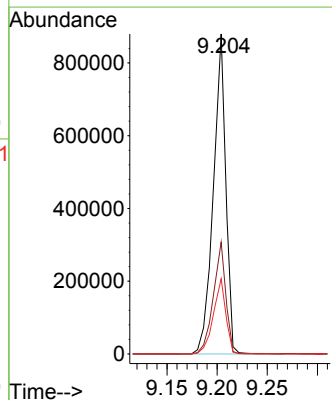
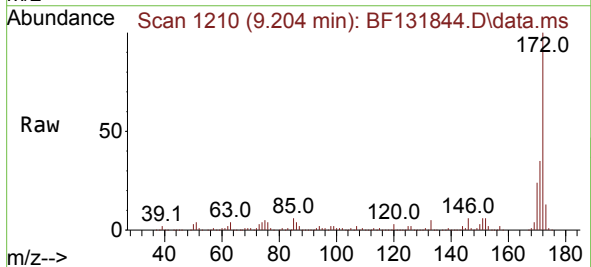
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 ClientSampleId :
 PL-502A-COMP-3

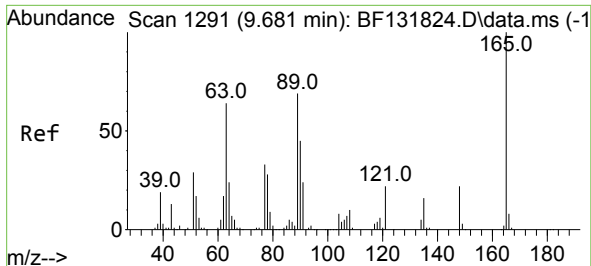
Tgt Ion:330 Resp: 164599
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.4
 141 39.4 31.0 46.4



#45
 2-Fluorobiphenyl
 Concen: 61.575 ng
 RT: 9.204 min Scan# 1210
 Delta R.T. -0.006 min
 Lab File: BF131844.D
 Acq: 27 Dec 2022 19:00

Tgt Ion:172 Resp: 760545
 Ion Ratio Lower Upper
 172 100
 171 35.0 27.9 41.9
 170 23.5 18.7 28.1

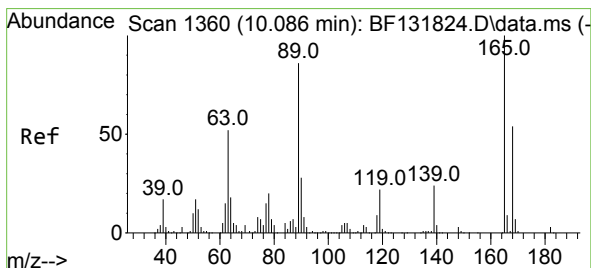
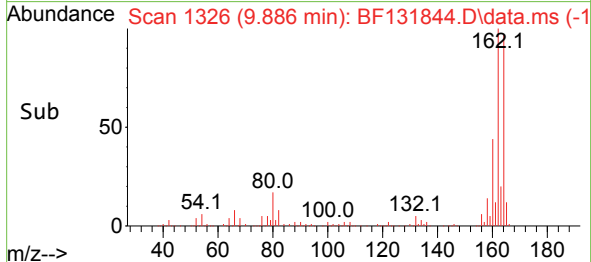
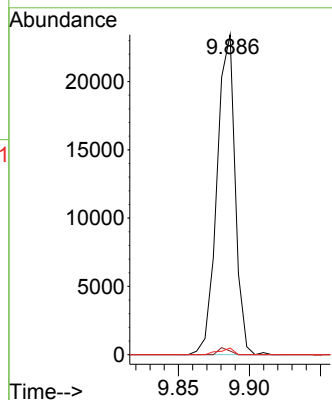
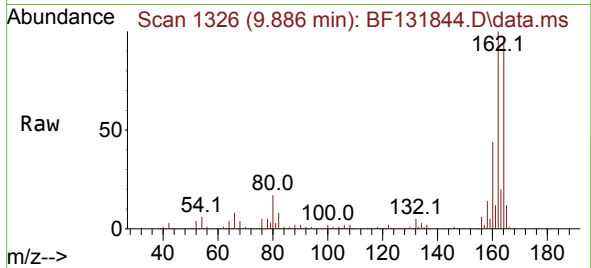




#51
2,6-Dinitrotoluene
Concen: 7.508 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131844.D
Acq: 27 Dec 2022 19:00

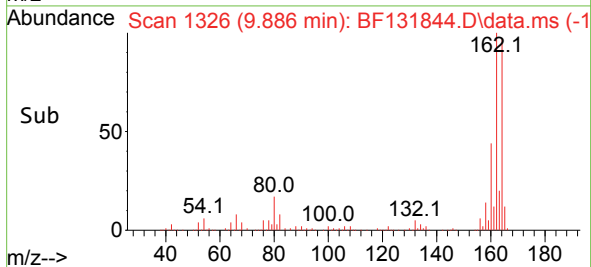
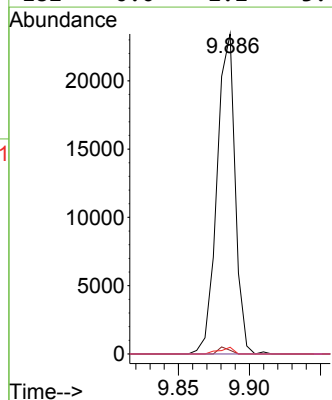
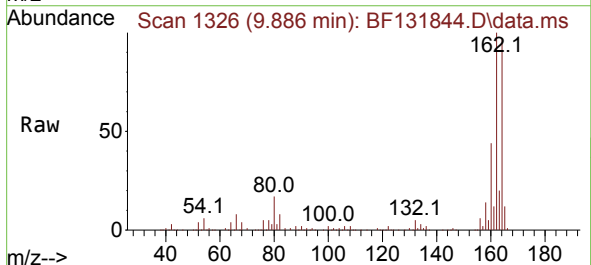
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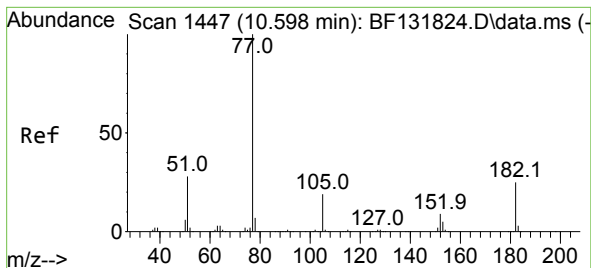
Tgt Ion:165 Resp: 20804
Ion Ratio Lower Upper
165 100
63 1.2 55.1 82.7#
89 2.1 55.0 82.4#



#57
2,4-Dinitrotoluene
Concen: 5.490 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF131844.D
Acq: 27 Dec 2022 19:00

Tgt Ion:165 Resp: 20804
Ion Ratio Lower Upper
165 100
63 1.2 42.1 63.1#
89 2.1 69.1 103.7#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 4.043 ng

RT: 10.604 min Scan# 1448

Delta R.T. 0.006 min

Lab File: BF131844.D

Acq: 27 Dec 2022 19:00

Instrument :

BNA_F

ClientSampleId :

PL-502A-COMP-3

Tgt Ion: 77 Resp: 55278

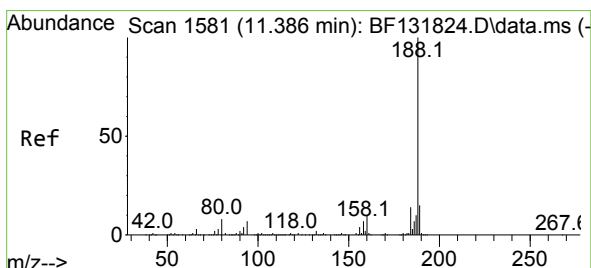
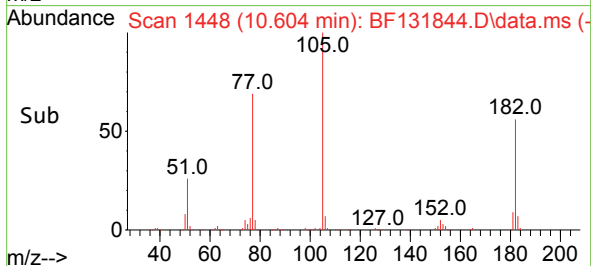
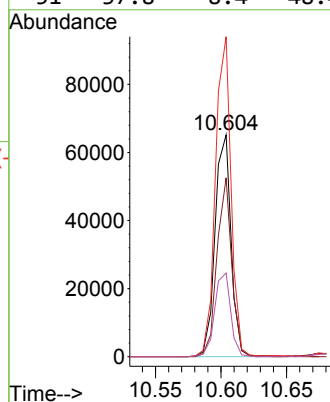
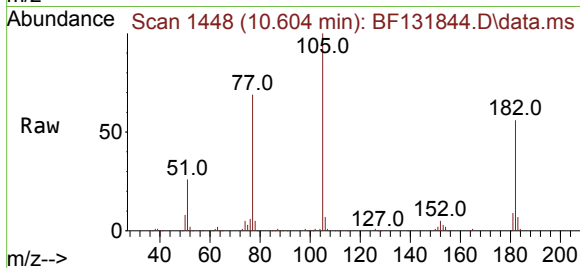
Ion Ratio Lower Upper

77 100

182 80.7 5.0 45.0#

105 144.3 0.0 39.4#

51 37.8 8.4 48.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1579

Delta R.T. -0.012 min

Lab File: BF131844.D

Acq: 27 Dec 2022 19:00

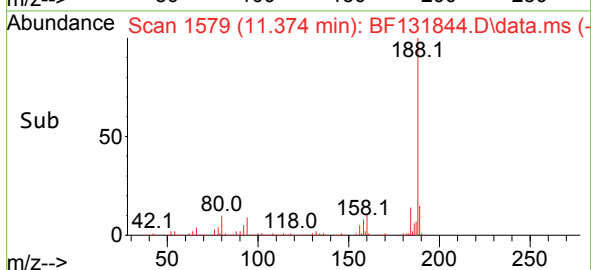
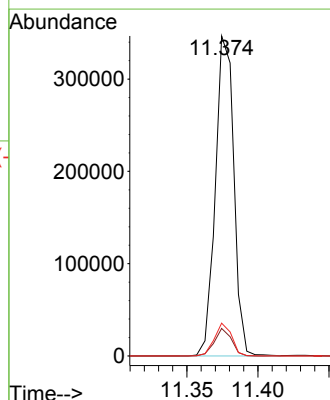
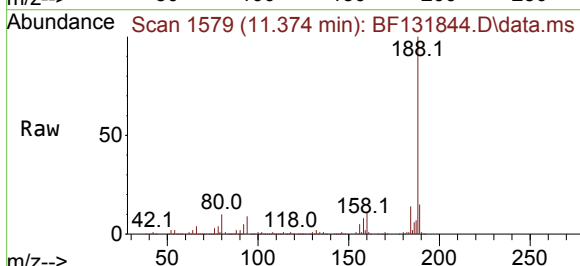
Tgt Ion: 188 Resp: 312891

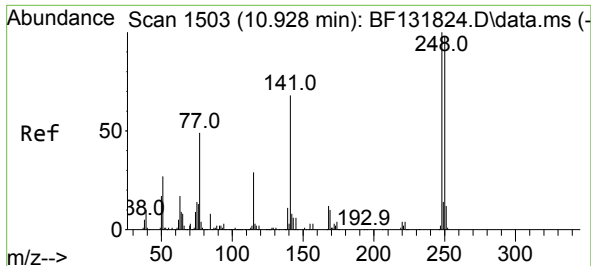
Ion Ratio Lower Upper

188 100

94 8.6 5.8 8.6

80 10.2 6.7 10.1#

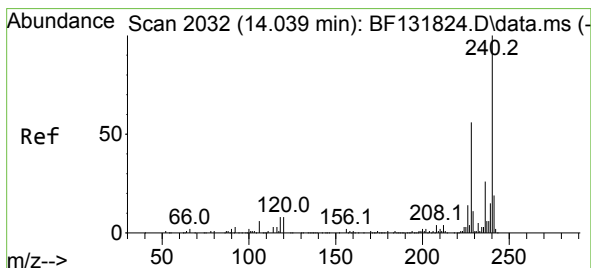
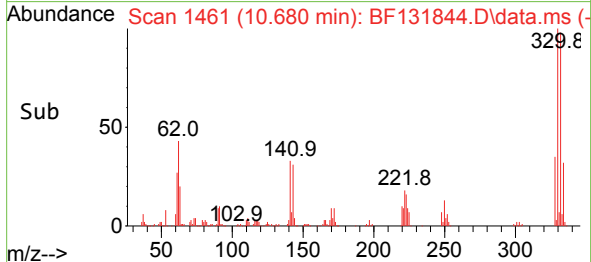
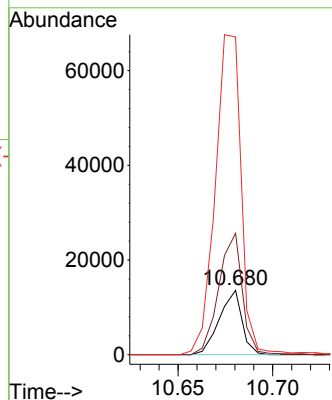
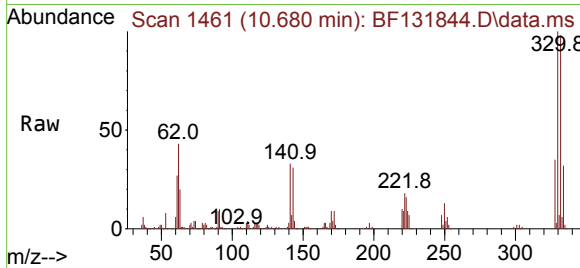




#67
4-Bromophenyl-phenylether
Concen: 3.128 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.247 min
Lab File: BF131844.D
Acq: 27 Dec 2022 19:00

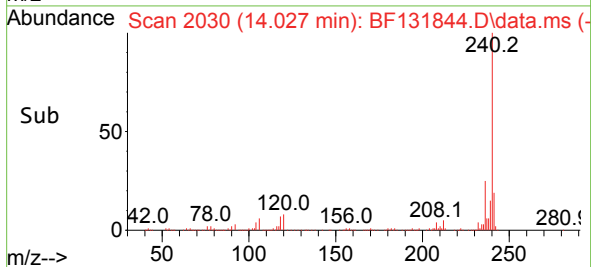
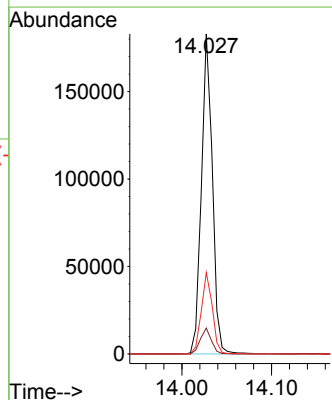
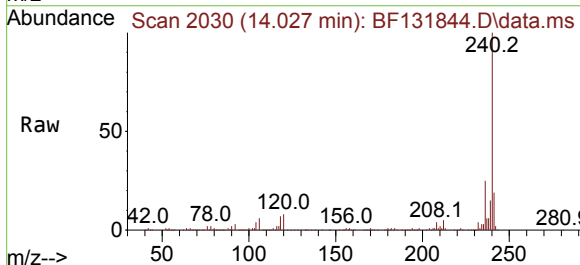
Instrument :
BNA_F
ClientSampleId :
PL-502A-COMP-3

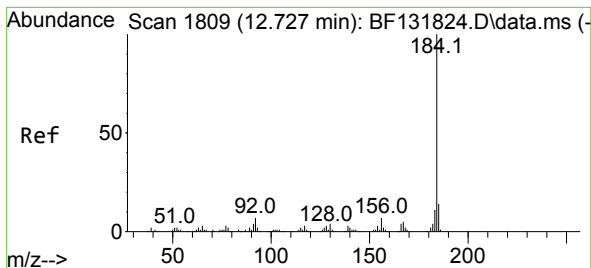
Tgt Ion:248 Resp: 11344
Ion Ratio Lower Upper
248 100
250 188.5 78.0 117.0#
141 493.5 54.8 82.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF131844.D
Acq: 27 Dec 2022 19:00

Tgt Ion:240 Resp: 155158
Ion Ratio Lower Upper
240 100
120 8.1 6.7 10.1
236 25.5 20.6 31.0





#77

Benzidine

Concen: 4.386 ng

RT: 12.968 min Scan# 1850

Delta R.T. 0.241 min

Lab File: BF131844.D

Acq: 27 Dec 2022 19:00

Instrument :

BNA_F

ClientSampleId :

PL-502A-COMP-3

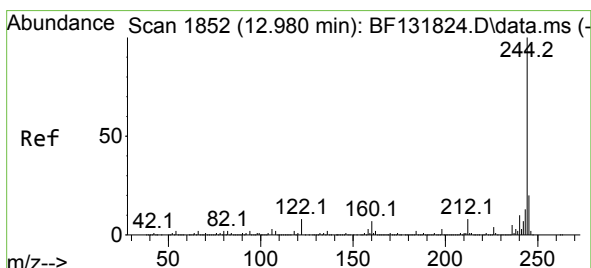
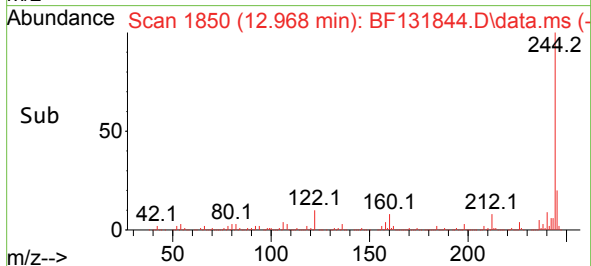
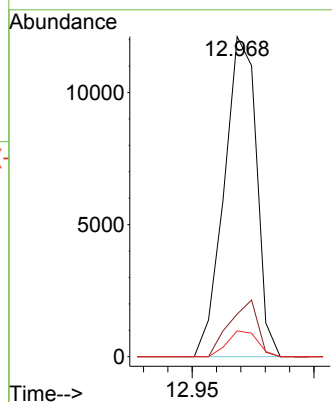
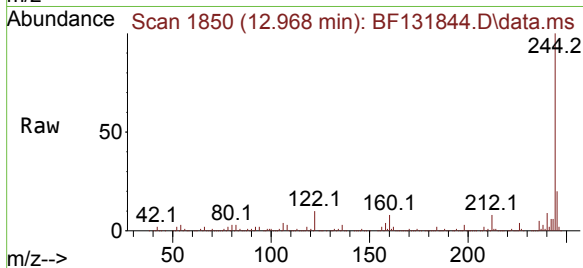
Tgt Ion:184 Resp: 11184

Ion Ratio Lower Upper

184 100

185 13.3 11.6 17.4

183 8.0 9.0 13.4#



#79

Terphenyl-d14

Concen: 79.928 ng

RT: 12.968 min Scan# 1850

Delta R.T. -0.012 min

Lab File: BF131844.D

Acq: 27 Dec 2022 19:00

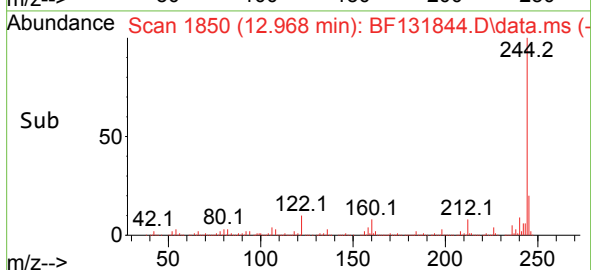
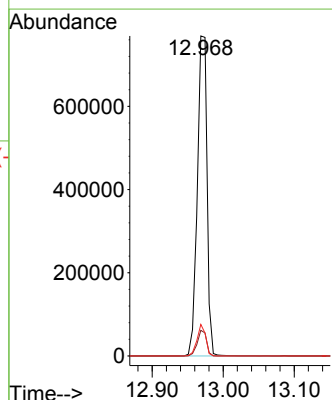
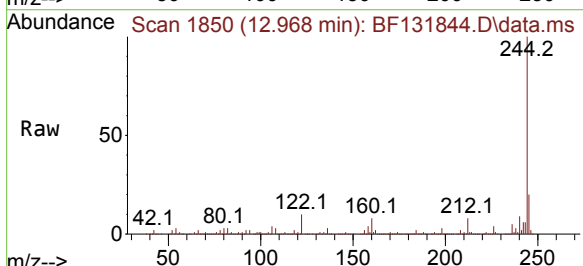
Tgt Ion:244 Resp: 733158

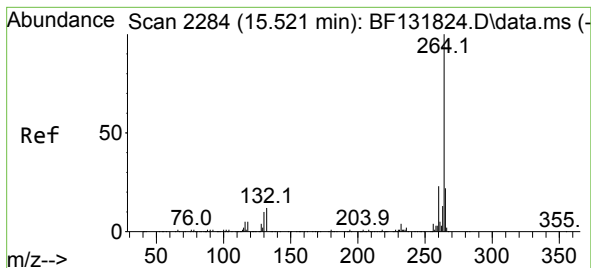
Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

122 9.8 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: BF131844.D

Acq: 27 Dec 2022 19:00

Instrument :

BNA_F

ClientSampleId :

PL-502A-COMP-3

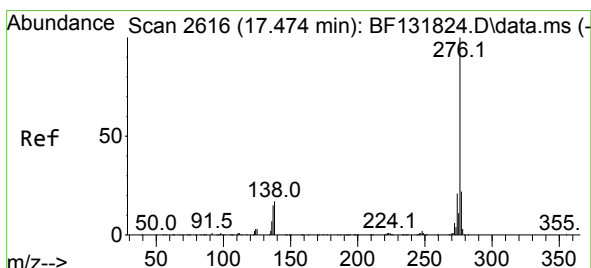
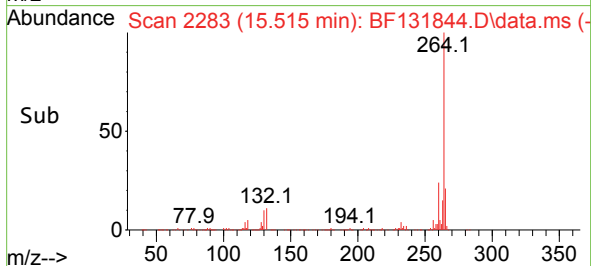
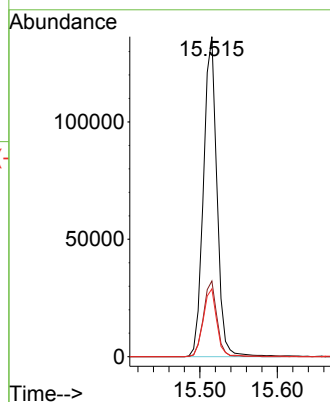
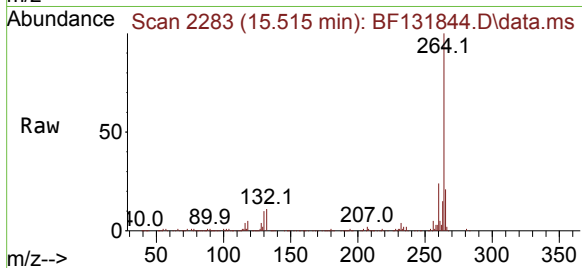
Tgt Ion:264 Resp: 164797

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.2 17.4 26.0



#92

Benzo(g,h,i)perylene

Concen: 5.252 ng

RT: 17.456 min Scan# 2613

Delta R.T. -0.018 min

Lab File: BF131844.D

Acq: 27 Dec 2022 19:00

Tgt Ion:276 Resp: 58

Ion Ratio Lower Upper

276 100

277 0.0 17.9 26.9#

138 0.0 13.7 20.5#

