

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122722\
 Data File : BF131846.D
 Acq On : 27 Dec 2022 20:03
 Operator : CG\JU
 Sample : N6208-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-122322

Quant Time: Dec 28 00:39:21 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

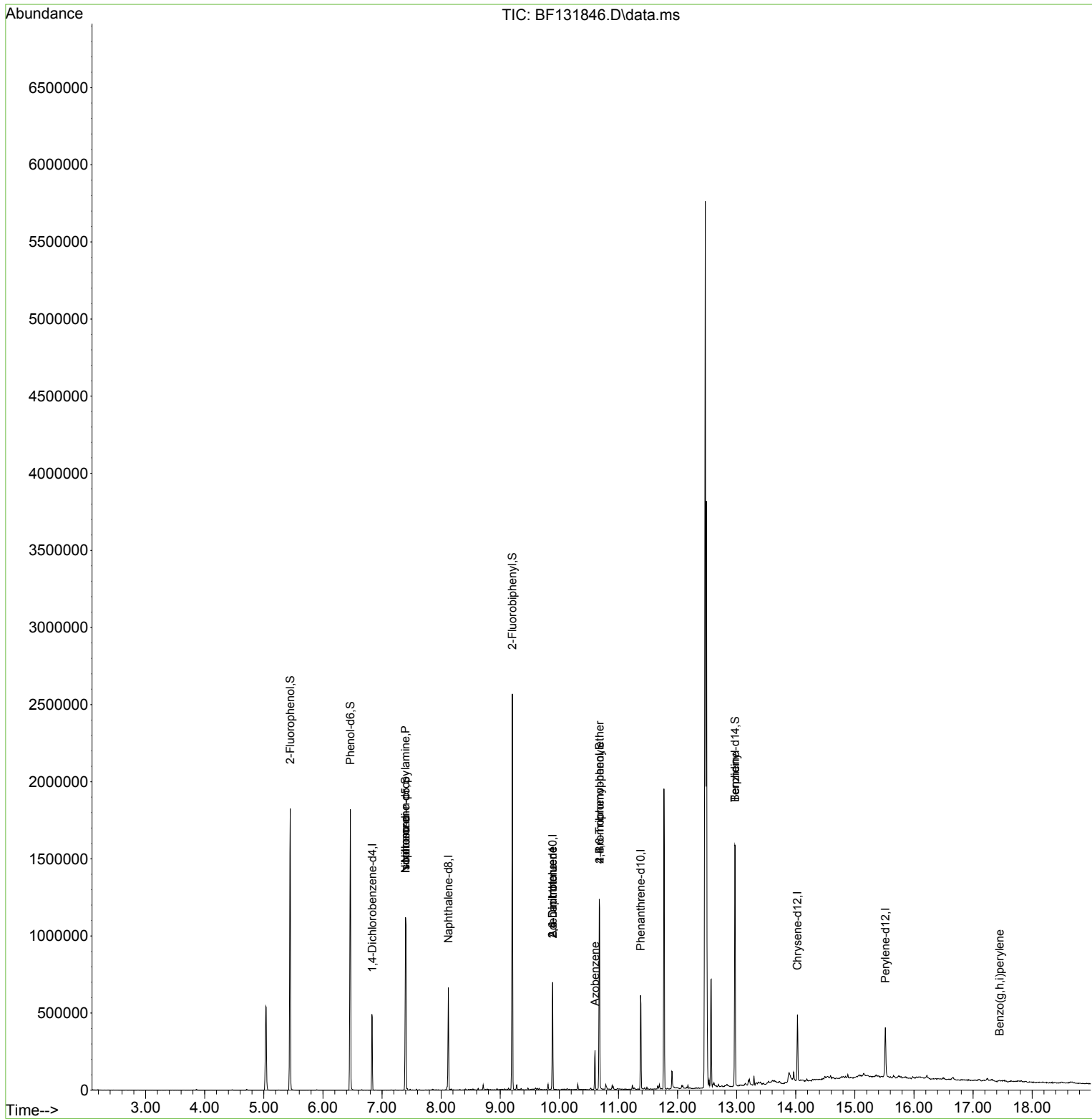
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

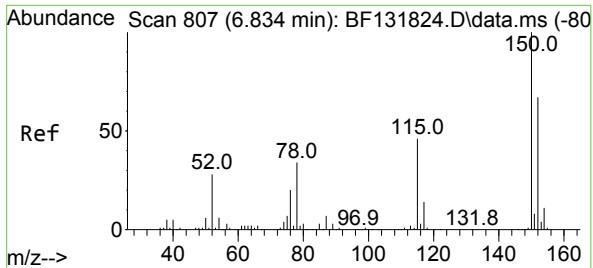
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	69657	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	245110	20.000	ng	0.00
39) Acenaphthene-d10	9.887	164	132855	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	220052	20.000	ng	#-0.01
76) Chrysene-d12	14.028	240	134751	20.000	ng	-0.01
86) Perylene-d12	15.516	264	148113	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	446596	106.250	ng	0.00
7) Phenol-d6	6.463	99	582333	105.451	ng	0.00
23) Nitrobenzene-d5	7.399	82	413454	67.347	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	138040	95.630	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	680872	70.198	ng	0.00
79) Terphenyl-d14	12.975	244	555824	69.772	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.399	70	57677	14.789	ng	# 78
25) Isophorone	7.399	82	411987	41.093	ng	# 69
51) 2,6-Dinitrotoluene	9.887	165	16428	7.550	ng	# 18
57) 2,4-Dinitrotoluene	9.887	165	16428	5.521	ng	# 18
63) Azobenzene	10.604	77	45852	4.271	ng	# 1
67) 4-Bromophenyl-phenylether	10.681	248	9709	3.807	ng	# 1
77) Benzidine	12.975	184	9426	4.257	ng	98
92) Benzo(g,h,i)perylene	17.451	276	1555	5.399	ng	# 50

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

HD-01-122322

Response via : Initial Calibration

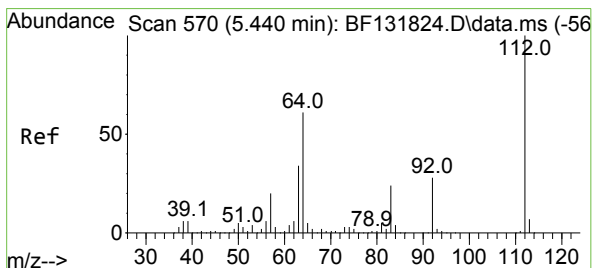
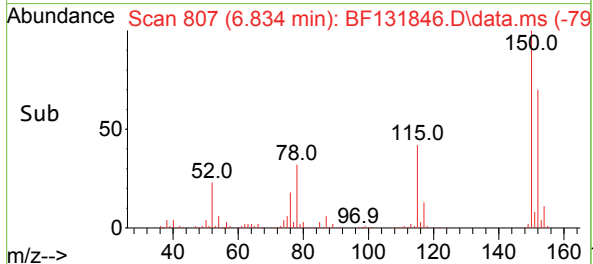
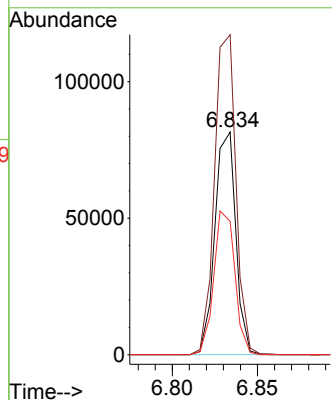
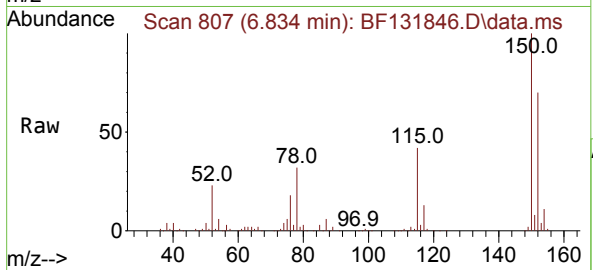




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF131846.D
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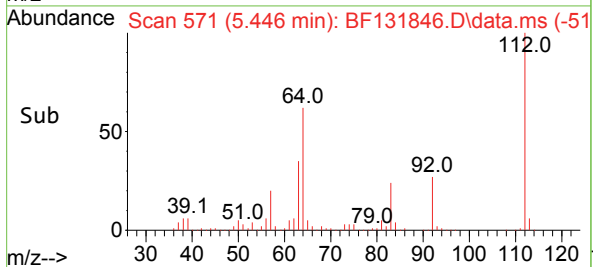
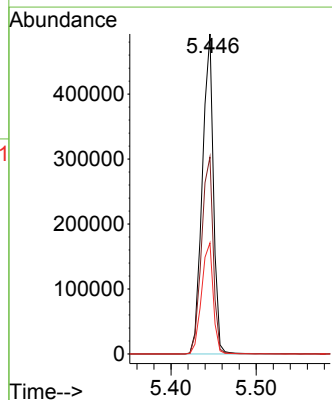
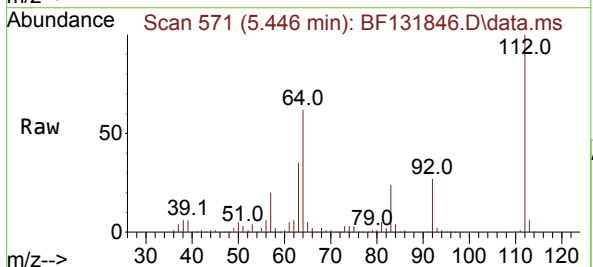
Instrument :
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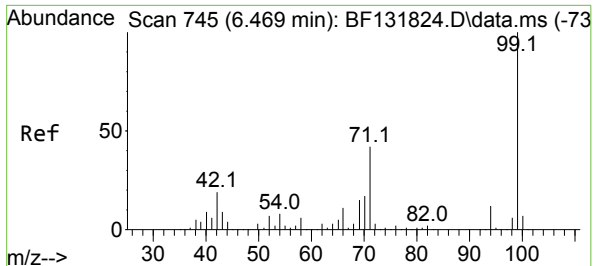
Tgt Ion:152 Resp: 69657
Ion Ratio Lower Upper
152 100
150 143.8 120.0 180.0
115 60.0 55.1 82.7



#5
2-Fluorophenol
Concen: 106.250 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.006 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

Tgt Ion:112 Resp: 446596
Ion Ratio Lower Upper
112 100
64 61.5 49.2 73.8
63 34.7 27.5 41.3

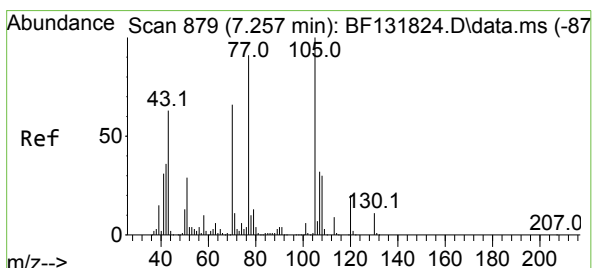
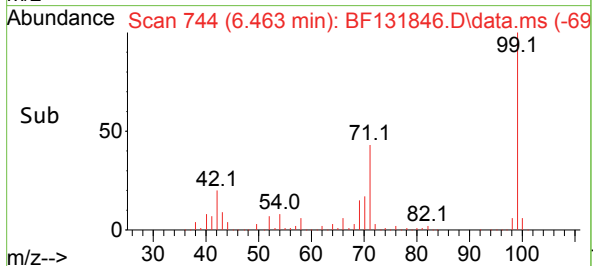
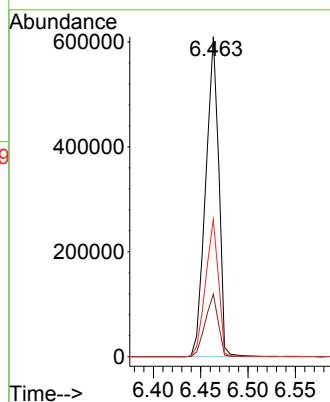
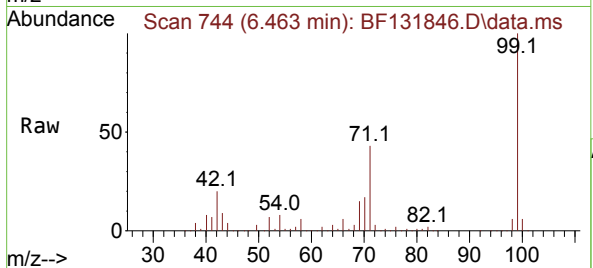




#7
Phenol-d6
Concen: 105.451 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

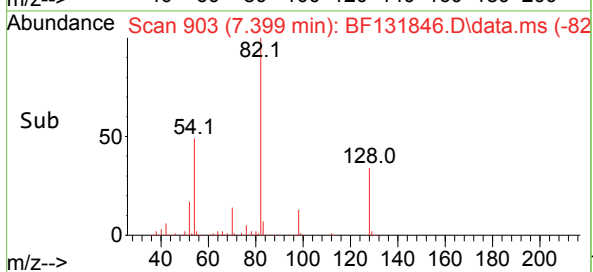
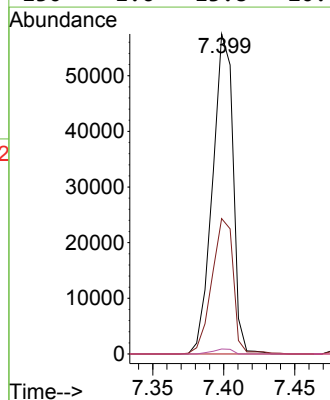
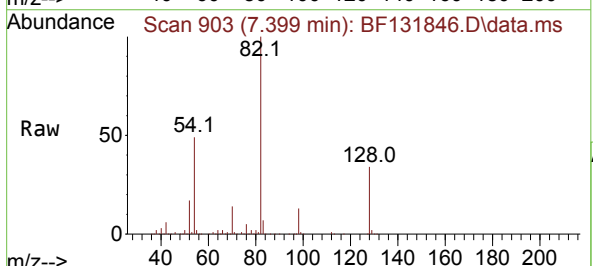
Instrument :
BNA_F
ClientSampleId :
HD-01-122322

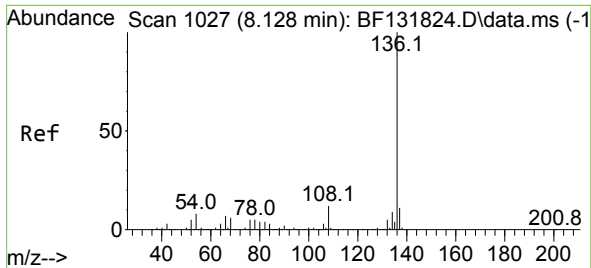
Tgt Ion: 99 Resp: 582333
Ion Ratio Lower Upper
99 100
42 19.6 15.3 22.9
71 42.8 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 14.789 ng
RT: 7.399 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

Tgt Ion: 70 Resp: 57677
Ion Ratio Lower Upper
70 100
42 42.3 43.8 65.6#
101 0.0 7.4 11.0#
130 1.6 13.8 20.6#

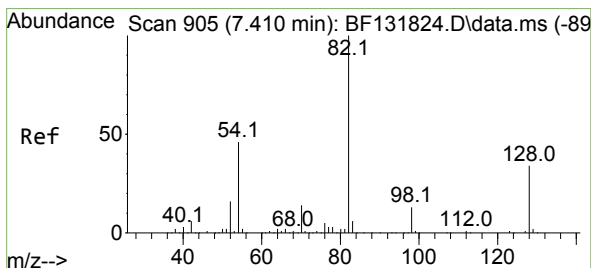
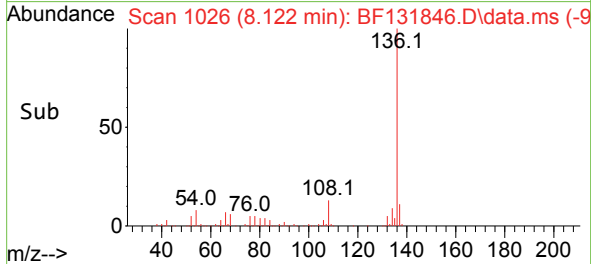
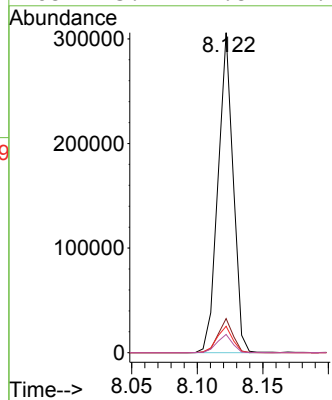
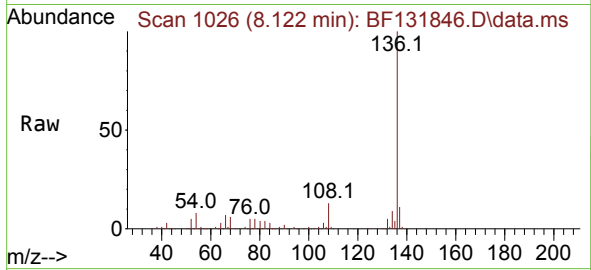




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

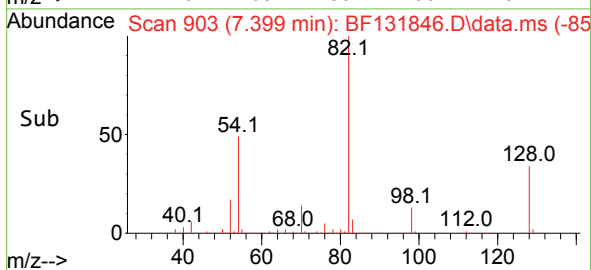
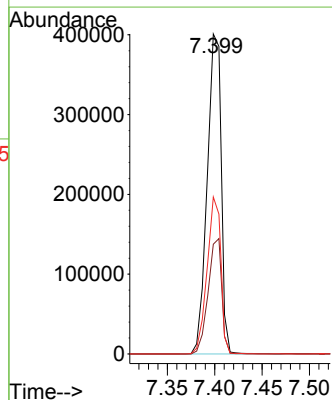
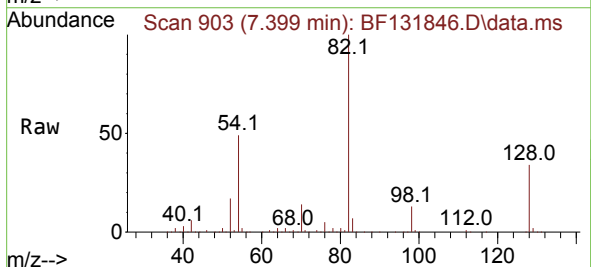
Instrument :
BNA_F
ClientSampleId :
HD-01-122322

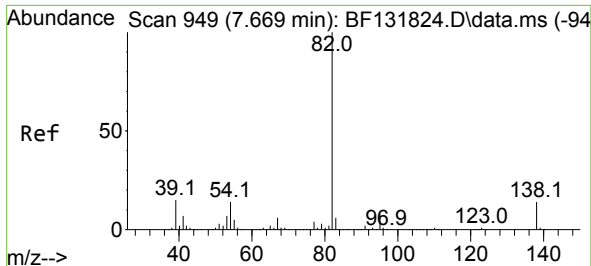
Tgt Ion:136 Resp: 245110
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.3 6.7 10.1
68 5.7 4.8 7.2



#23
Nitrobenzene-d5
Concen: 67.347 ng
RT: 7.399 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

Tgt Ion: 82 Resp: 413454
Ion Ratio Lower Upper
82 100
128 34.3 27.1 40.7
54 49.0 37.0 55.6

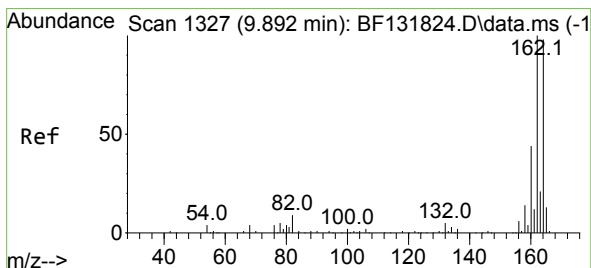
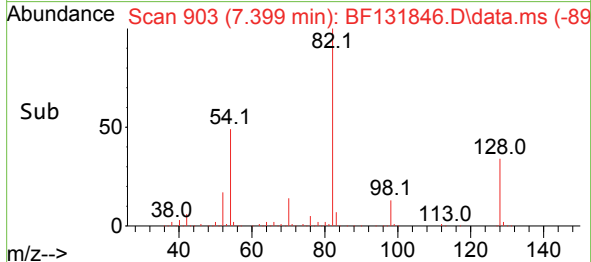
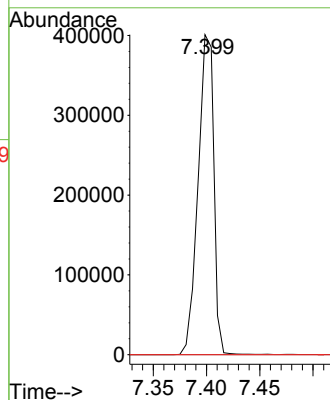
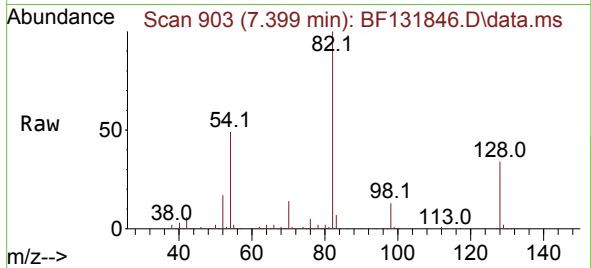




#25
Isophorone
Concen: 41.093 ng
RT: 7.399 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

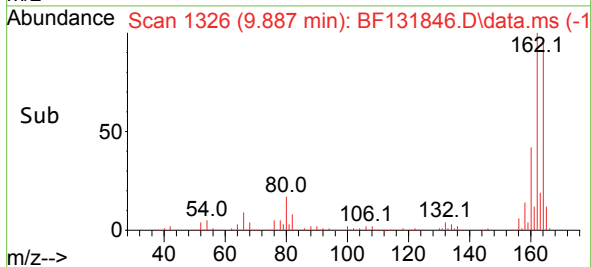
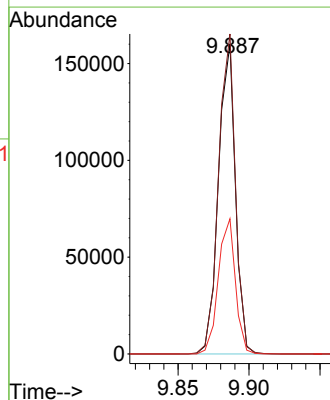
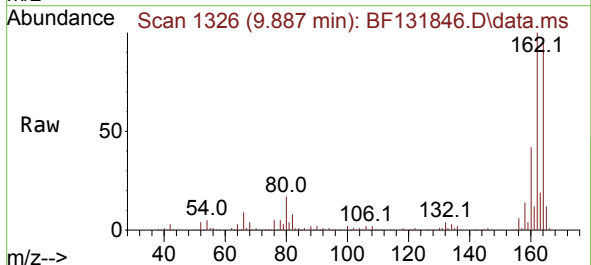
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BNA_F
ClientSampleId :
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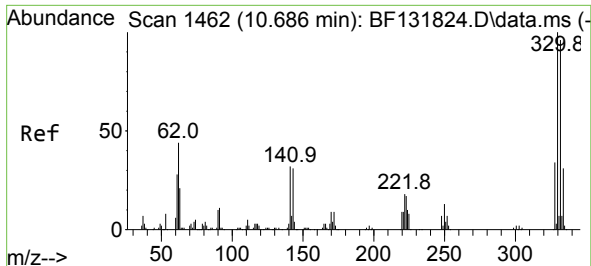
Tgt Ion: 82 Resp: 411987
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.887 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

Tgt Ion:164 Resp: 132855
Ion Ratio Lower Upper
164 100
162 103.2 81.8 122.6
160 43.6 35.7 53.5

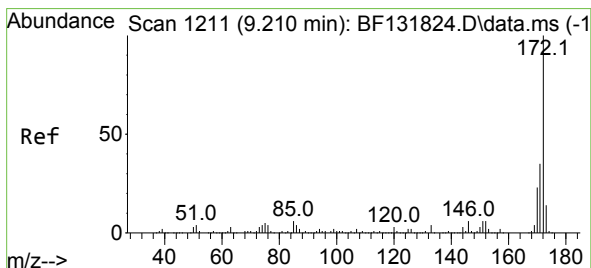
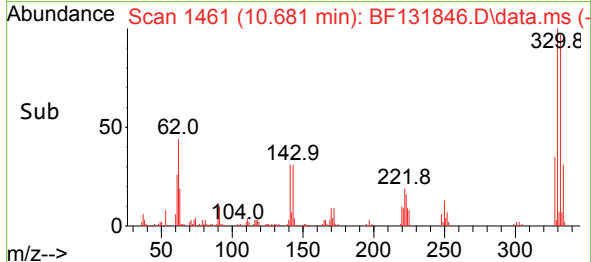
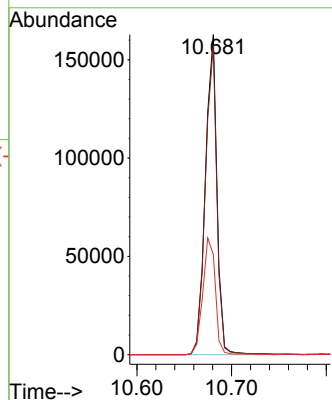
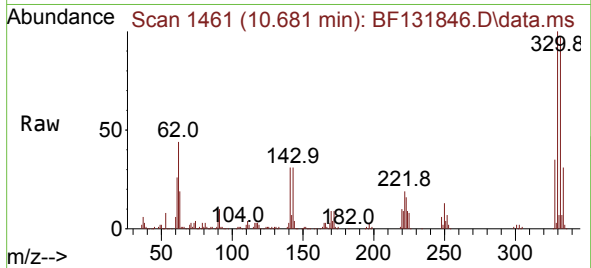




#42
2,4,6-Tribromophenol
Concen: 95.630 ng
RT: 10.681 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

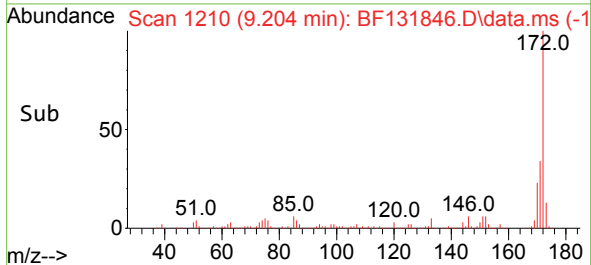
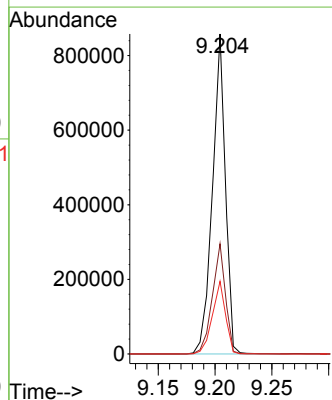
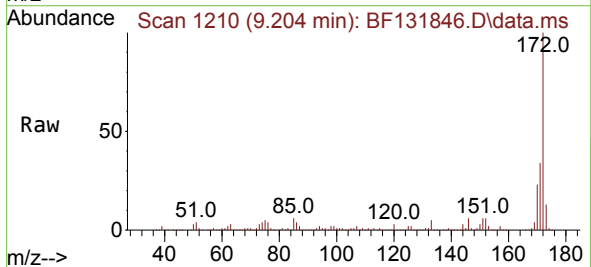
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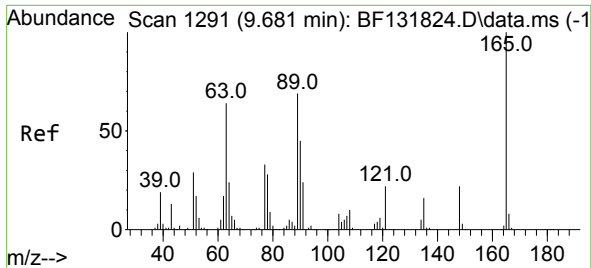
Tgt Ion:330 Resp: 138040
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 39.6 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 70.198 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

Tgt Ion:172 Resp: 680872
Ion Ratio Lower Upper
172 100
171 34.4 27.9 41.9
170 22.7 18.7 28.1

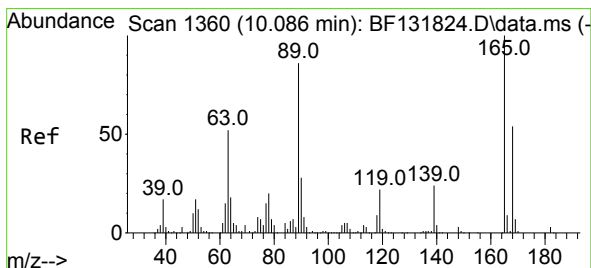
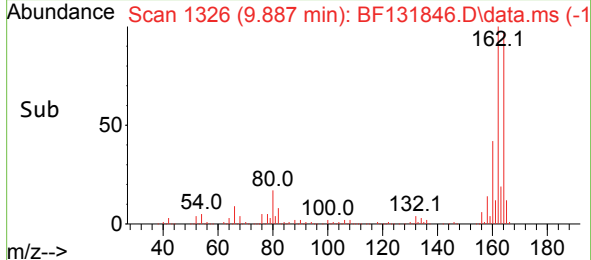
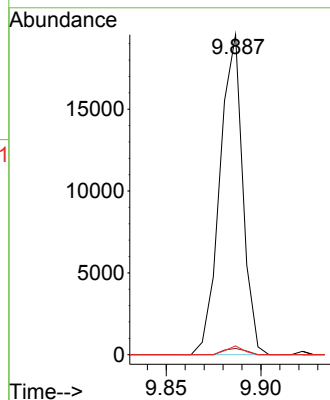
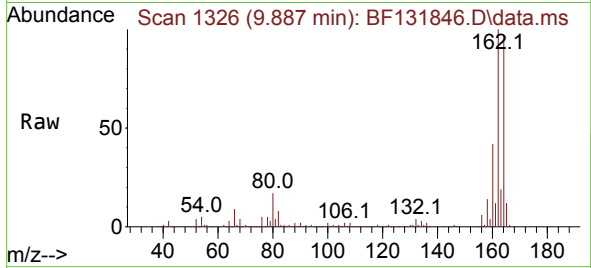




#51
2,6-Dinitrotoluene
Concen: 7.550 ng
RT: 9.887 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

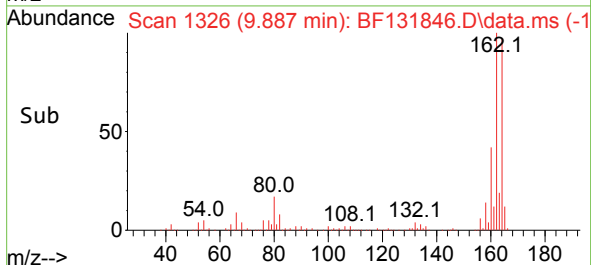
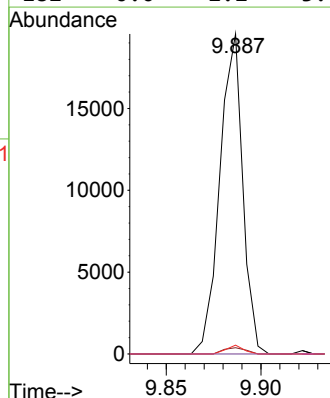
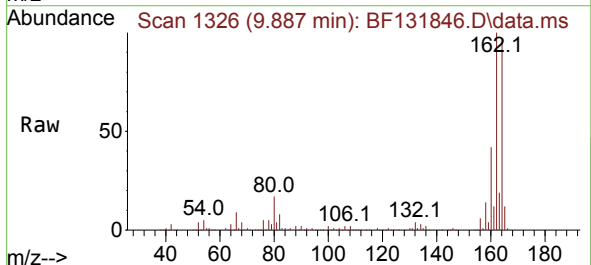
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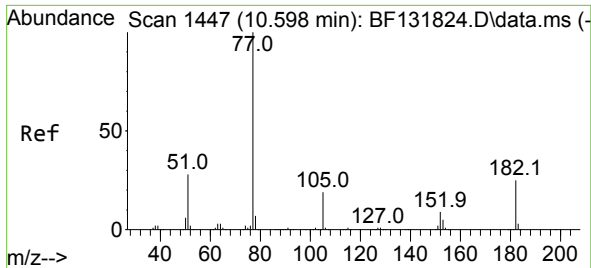
Tgt Ion:165 Resp: 16428
Ion Ratio Lower Upper
165 100
63 1.9 55.1 82.7#
89 2.7 55.0 82.4#



#57
2,4-Dinitrotoluene
Concen: 5.521 ng
RT: 9.887 min Scan# 1326
Delta R.T. -0.200 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

Tgt Ion:165 Resp: 16428
Ion Ratio Lower Upper
165 100
63 1.9 42.1 63.1#
89 2.7 69.1 103.7#
182 0.0 2.2 3.4#

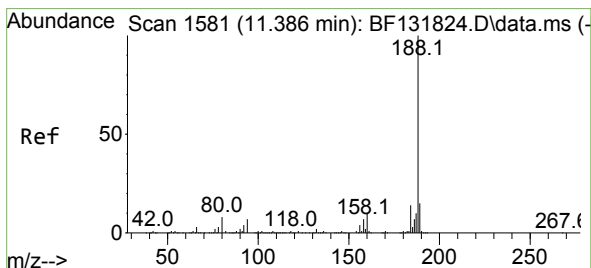
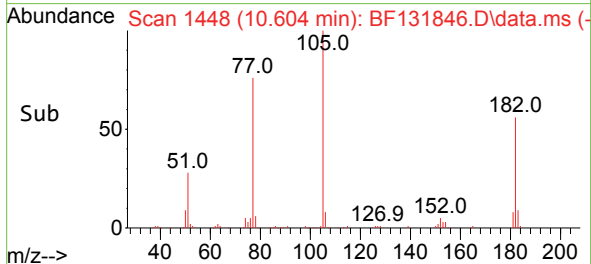
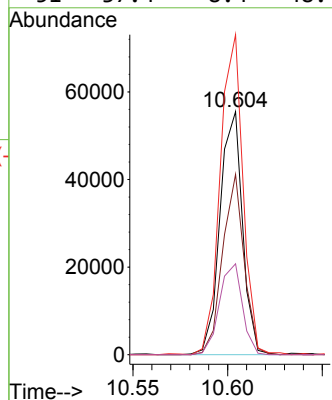
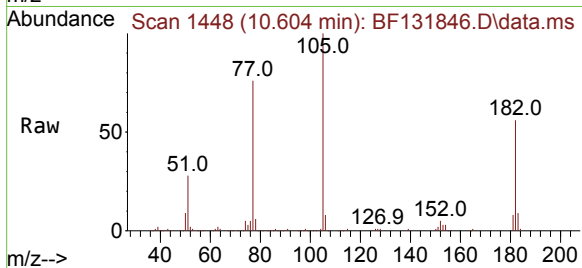




#63
Azobenzene
Concen: 4.271 ng
RT: 10.604 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

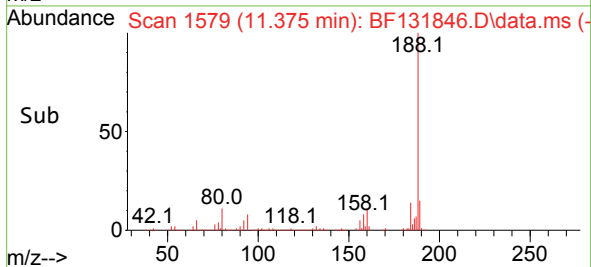
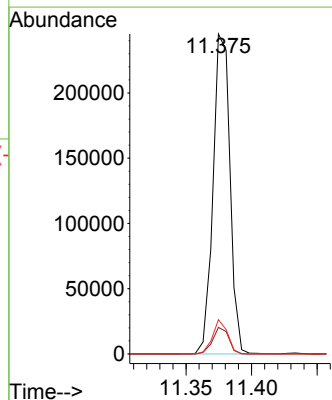
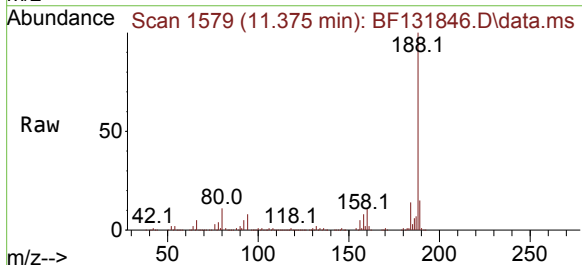
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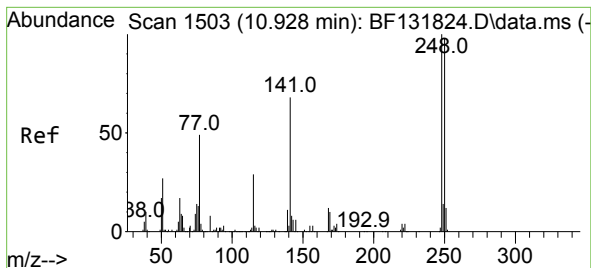
Tgt Ion: 77 Resp: 45852
Ion Ratio Lower Upper
77 100
182 74.2 5.0 45.0#
105 131.7 0.0 39.4#
51 37.4 8.4 48.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.012 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

Tgt Ion: 188 Resp: 220052
Ion Ratio Lower Upper
188 100
94 8.3 5.8 8.6
80 10.7 6.7 10.1#

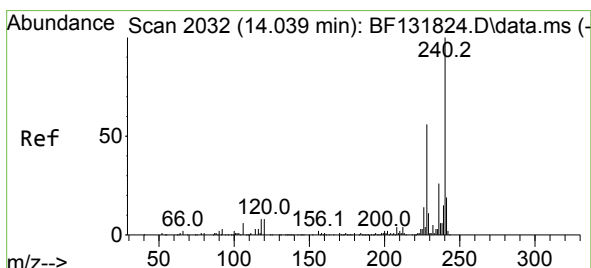
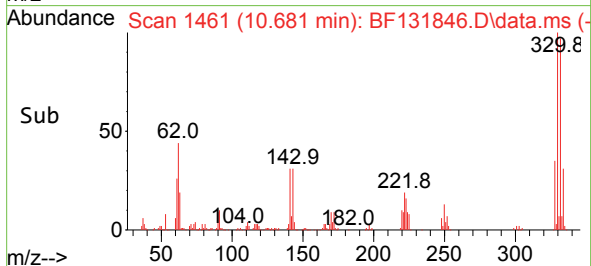
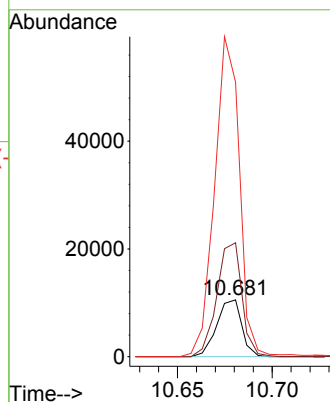
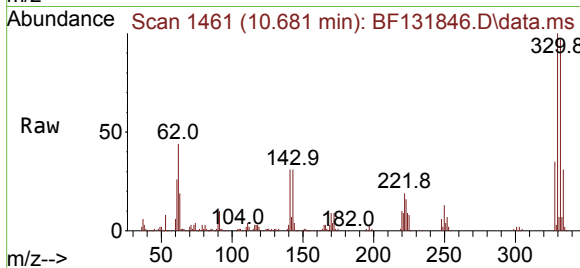




#67
4-Bromophenyl-phenylether
Concen: 3.807 ng
RT: 10.681 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

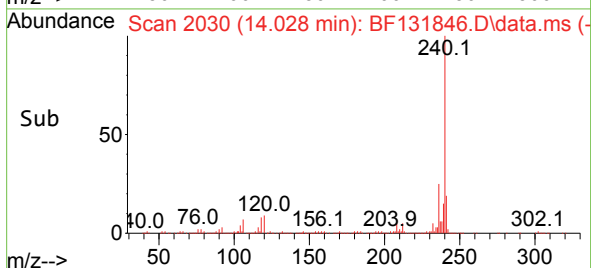
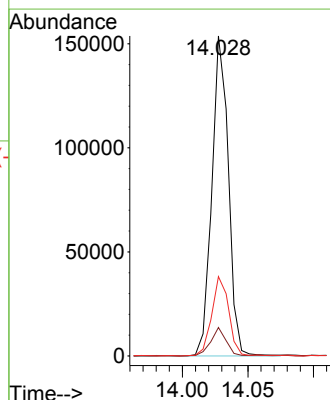
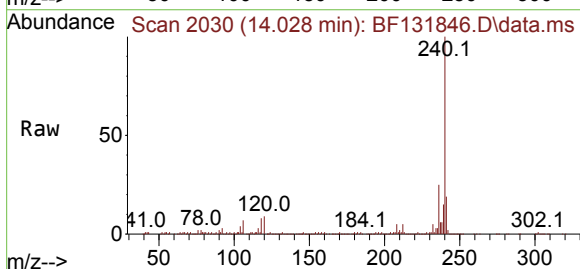
Instrument :
BNA_F
ClientSampleId :
HD-01-122322

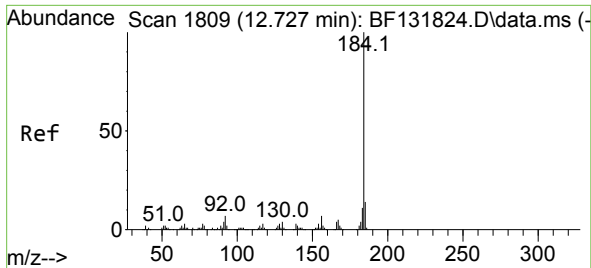
Tgt Ion:248 Resp: 9709
Ion Ratio Lower Upper
248 100
250 200.6 78.0 117.0#
141 483.6 54.8 82.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.028 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

Tgt Ion:240 Resp: 134751
Ion Ratio Lower Upper
240 100
120 8.9 6.7 10.1
236 24.8 20.6 31.0

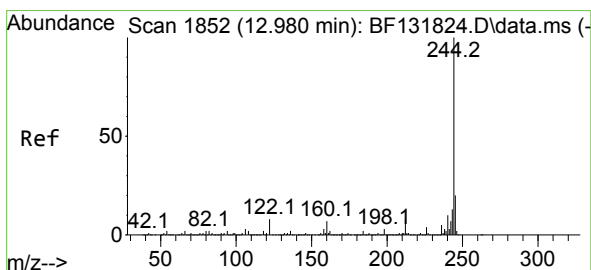
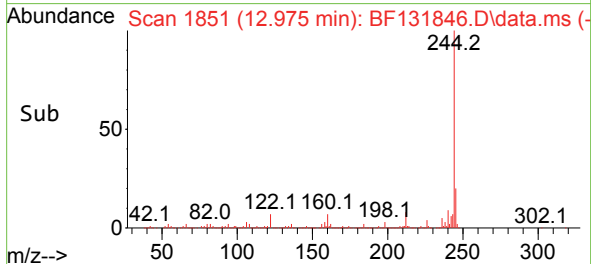
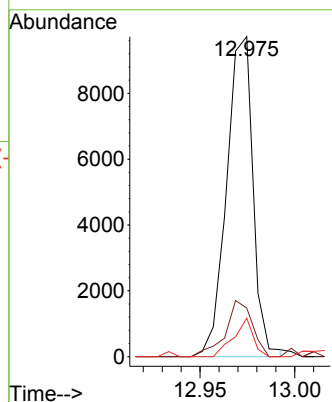
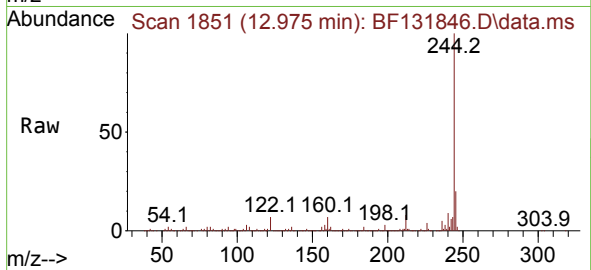




#77
Benzidine
Concen: 4.257 ng
RT: 12.975 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

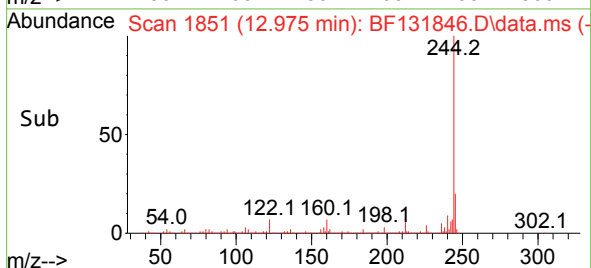
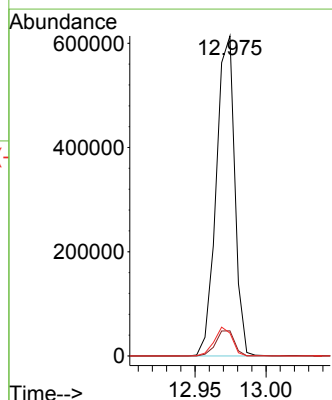
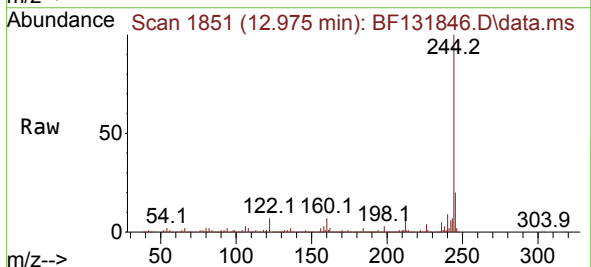
Instrument :
BNA_F
ClientSampleId :
HD-01-122322

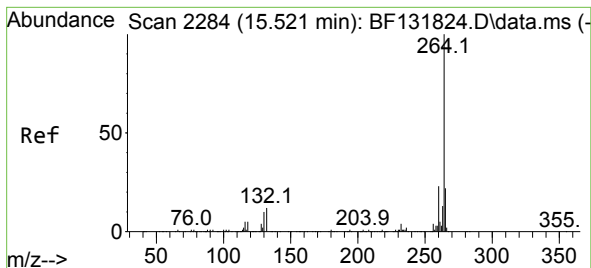
Tgt Ion:184 Resp: 9426
Ion Ratio Lower Upper
184 100
185 15.2 11.6 17.4
183 12.0 9.0 13.4



#79
Terphenyl-d14
Concen: 69.772 ng
RT: 12.975 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF131846.D
Acq: 27 Dec 2022 20:03

Tgt Ion:244 Resp: 555824
Ion Ratio Lower Upper
244 100
212 7.8 6.3 9.5
122 7.1 6.4 9.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.516 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF131846.D

Acq: 27 Dec 2022 20:03

Instrument :

BNA_F

ClientSampleId :

HD-01-122322

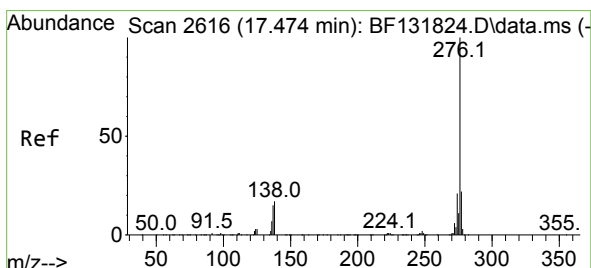
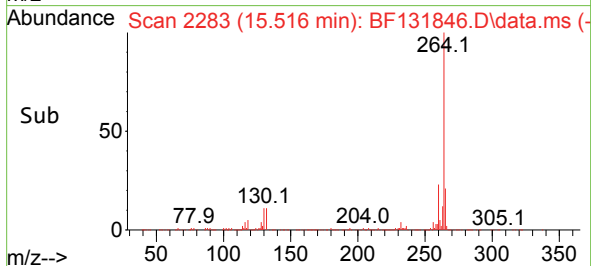
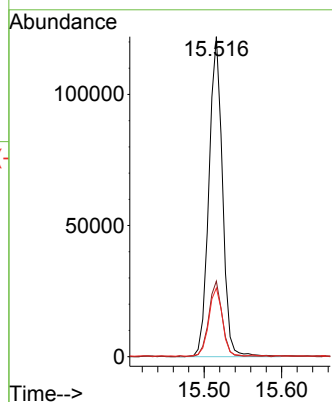
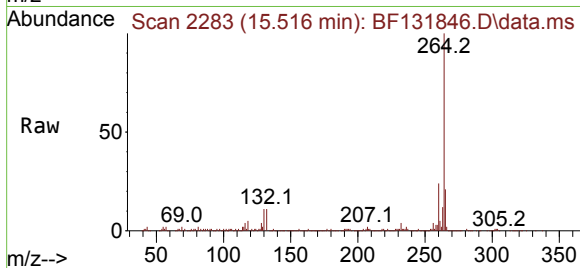
Tgt Ion:264 Resp: 148113

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.4 17.4 26.0



#92

Benzo(g,h,i)perylene

Concen: 5.399 ng

RT: 17.451 min Scan# 2612

Delta R.T. -0.023 min

Lab File: BF131846.D

Acq: 27 Dec 2022 20:03

Tgt Ion:276 Resp: 1555

Ion Ratio Lower Upper

276 100

277 49.0 17.9 26.9#

138 36.2 13.7 20.5#

