

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122922\
 Data File : BF131884.D
 Acq On : 29 Dec 2022 18:23
 Operator : CG\JU
 Sample : N6228-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Dec 30 02:11:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

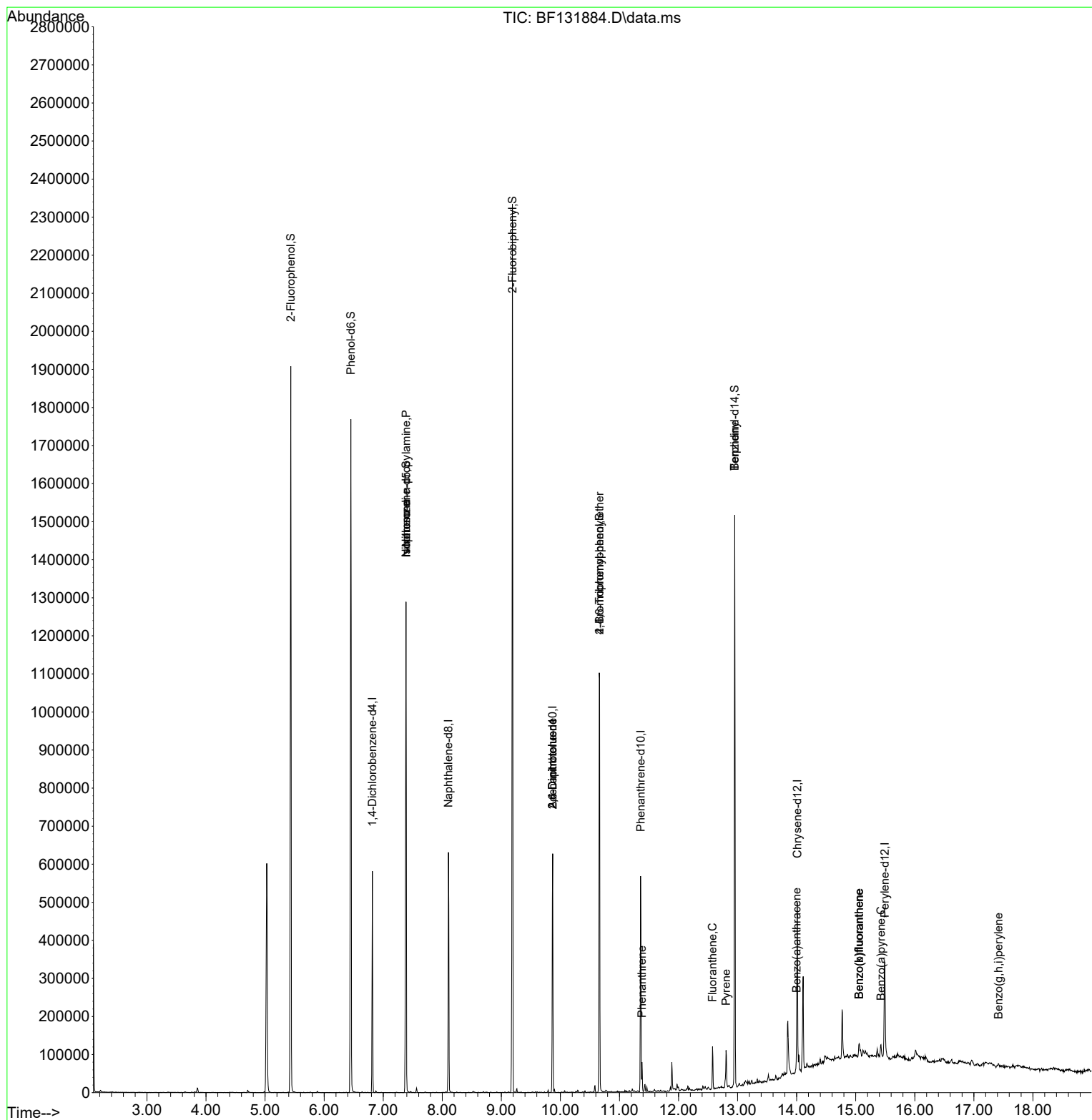
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	70314	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	246354	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	119500	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	192225	20.000	ng	0.00
76) Chrysene-d12	14.010	240	131997	20.000	ng	0.00
86) Perylene-d12	15.492	264	116865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	461735	108.826	ng	0.01
7) Phenol-d6	6.451	99	601020	107.818	ng	0.00
23) Nitrobenzene-d5	7.387	82	442285	71.679	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	123776	95.332	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	651308	74.654	ng	0.00
79) Terphenyl-d14	12.951	244	476809	61.102	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	62057	15.763	ng	# 81
25) Isophorone	7.387	82	441170	43.781	ng	# 69
51) 2,6-Dinitrotoluene	9.869	165	15238	7.786	ng	# 17
57) 2,4-Dinitrotoluene	9.869	165	15238	5.693	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	8565	3.844	ng	# 1
71) Phenanthrene	11.380	178	24918	2.357	ng	98
75) Fluoranthene	12.574	202	41756	3.391	ng	99
77) Benzidine	12.951	184	7210	3.324	ng	# 90
78) Pyrene	12.804	202	40043	3.619	ng	99
81) Benzo(a)anthracene	13.998	228	19919	2.084	ng	95
88) Benzo(b)fluoranthene	15.057	252	24860	2.901	ng	# 98
89) Benzo(k)fluoranthene	15.057	252	24860	3.003	ng	# 97
90) Benzo(a)pyrene	15.427	252	13531	2.040	ng	# 94
92) Benzo(g,h,i)perylene	17.415	276	8063	6.246	ng	# 90

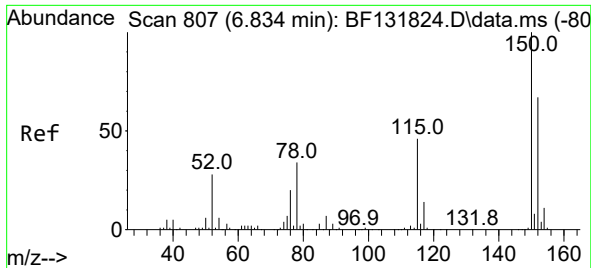
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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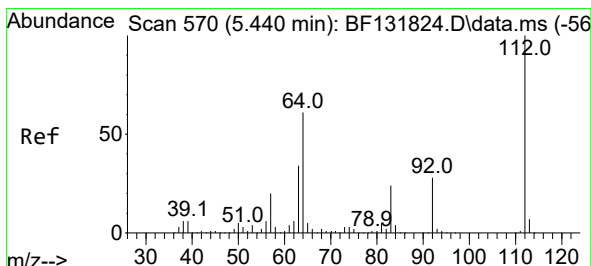
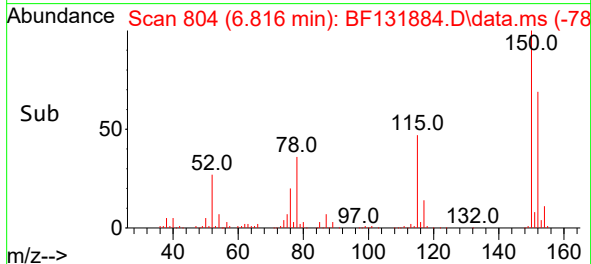
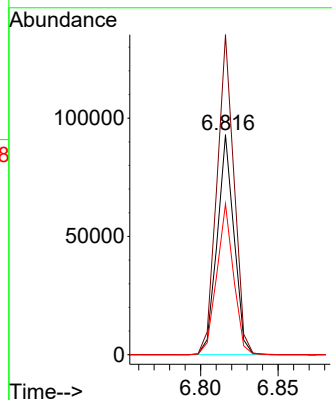
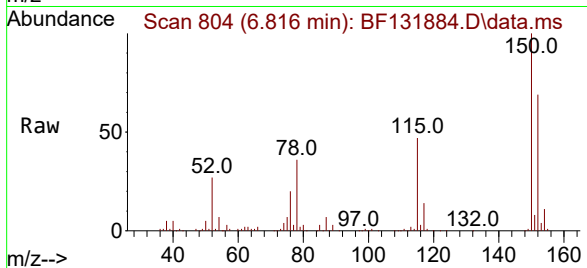




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 807
 Delta R.T. 0.000 min
 Lab File: BF131884.D
 Acq: 29 Dec 2022 18:23

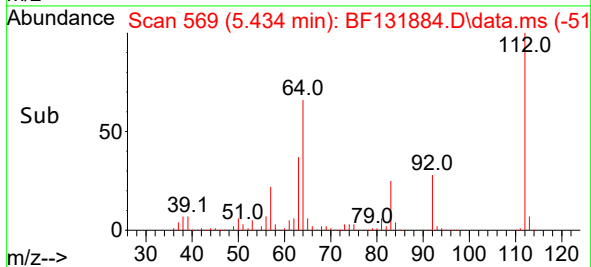
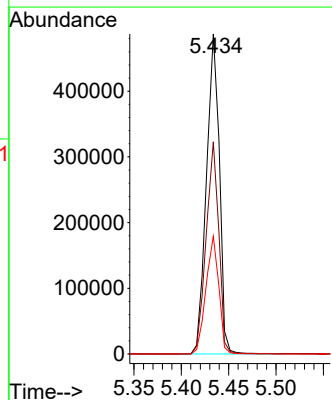
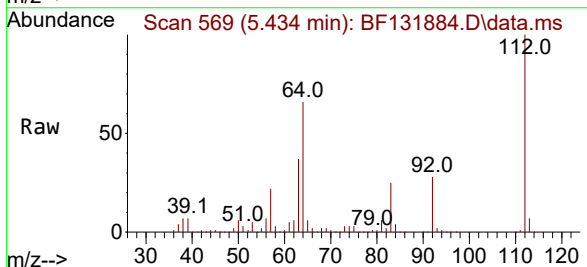
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

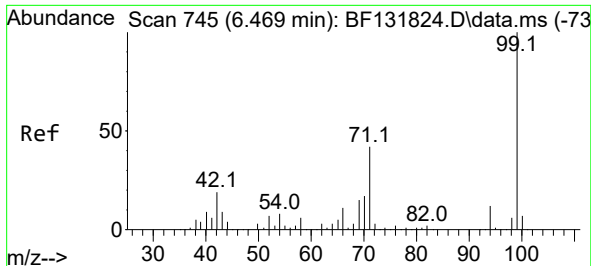
Tgt Ion:152 Resp: 70314
 Ion Ratio Lower Upper
 152 100
 150 145.4 120.0 180.0
 115 68.5 55.1 82.7



#5
 2-Fluorophenol
 Concen: 108.826 ng
 RT: 5.434 min Scan# 569
 Delta R.T. 0.012 min
 Lab File: BF131884.D
 Acq: 29 Dec 2022 18:23

Tgt Ion:112 Resp: 461735
 Ion Ratio Lower Upper
 112 100
 64 66.3 49.2 73.8
 63 36.7 27.5 41.3

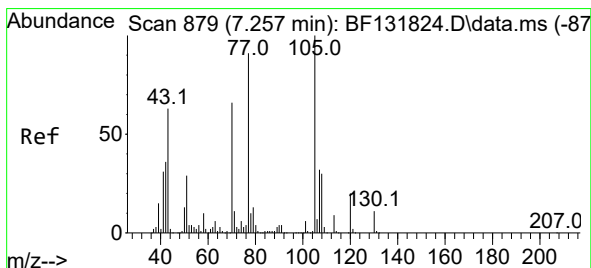
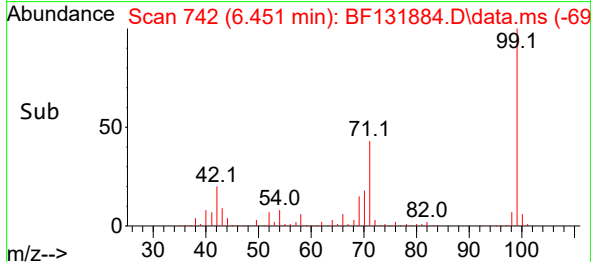
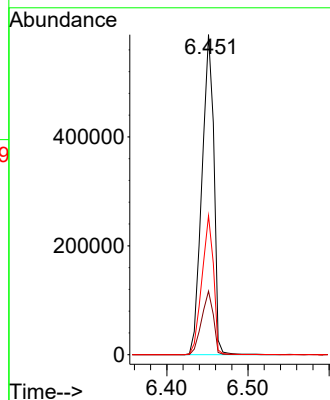
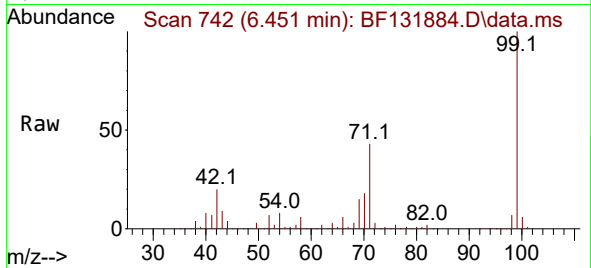




#7
Phenol-d6
Concen: 107.818 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

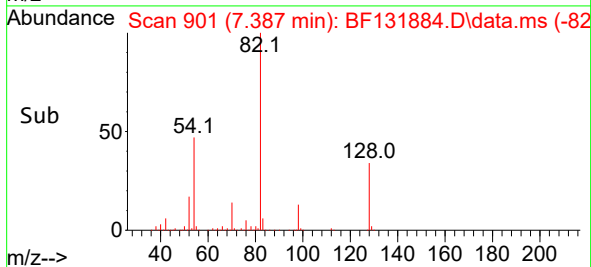
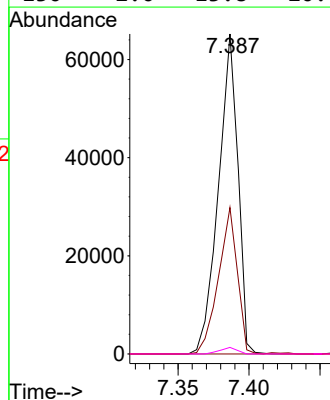
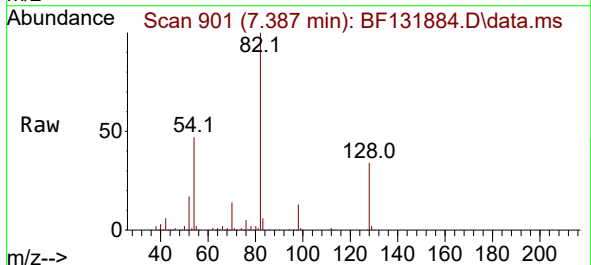
Instrument :
BNA_F
ClientSampleId :
TP-3

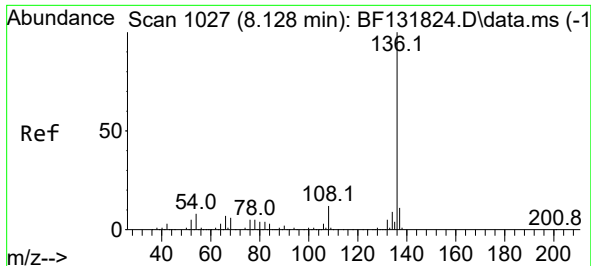
Tgt Ion: 99 Resp: 601020
Ion Ratio Lower Upper
99 100
42 19.8 15.3 22.9
71 43.4 33.5 50.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.763 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

Tgt Ion: 70 Resp: 62057
Ion Ratio Lower Upper
70 100
42 45.8 43.8 65.6
101 0.0 7.4 11.0#
130 2.0 13.8 20.6#



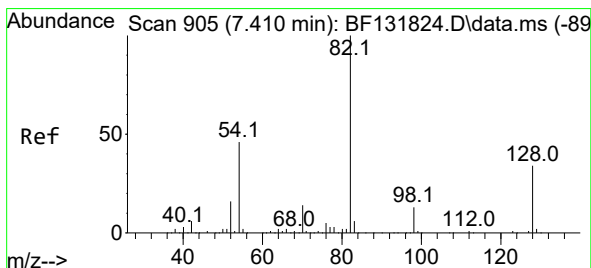
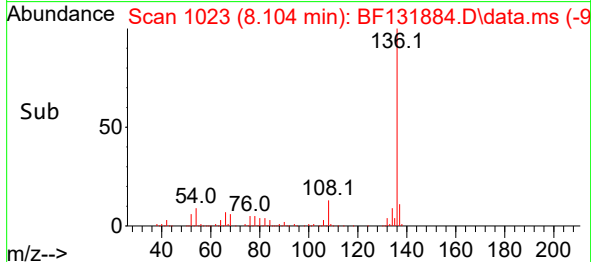
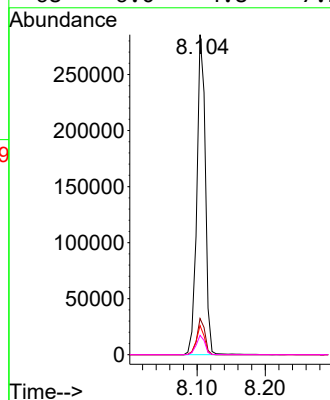
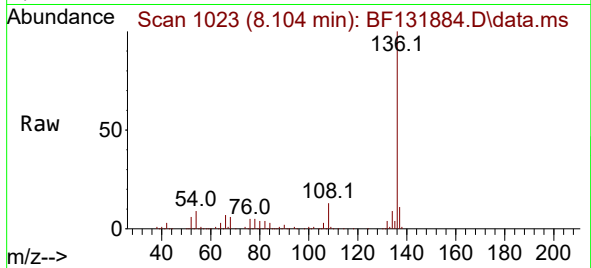


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:136 Resp: 246354

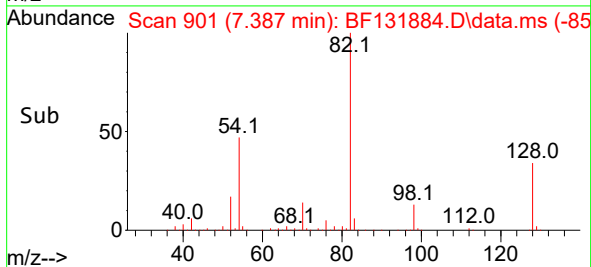
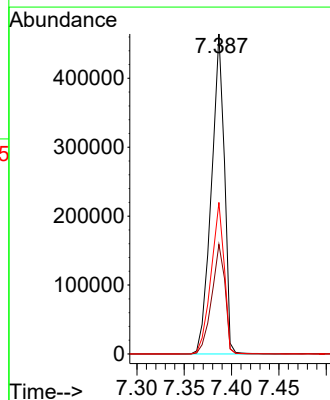
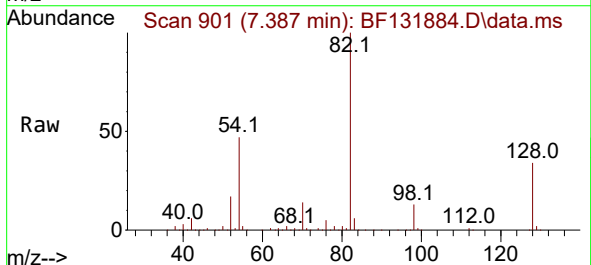
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	9.1	6.7	10.1
68	6.0	4.8	7.2

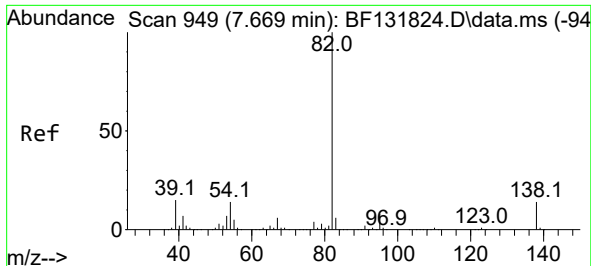


#23
Nitrobenzene-d5
Concen: 71.679 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

Tgt Ion: 82 Resp: 442285

Ion	Ratio	Lower	Upper
82	100		
128	34.3	27.1	40.7
54	47.3	37.0	55.6

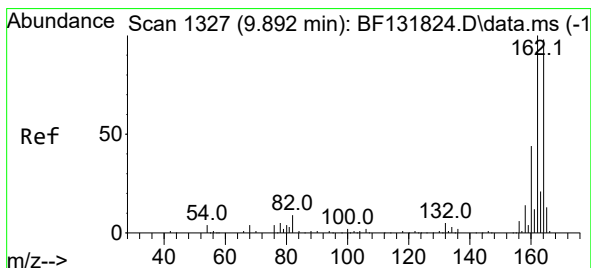
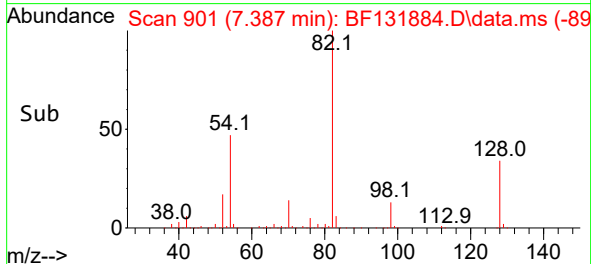
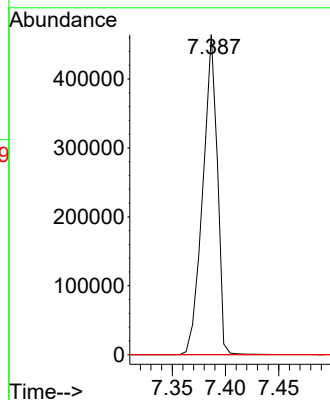
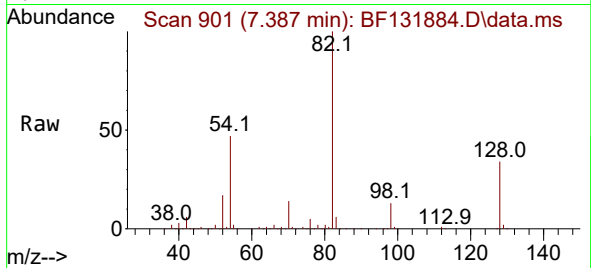




#25
Isophorone
Concen: 43.781 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.265 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

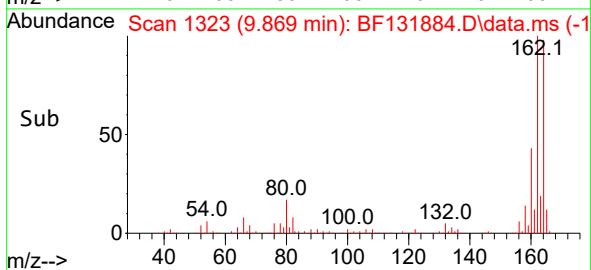
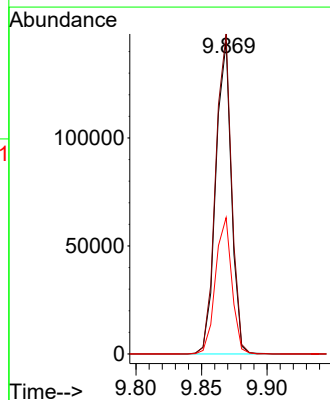
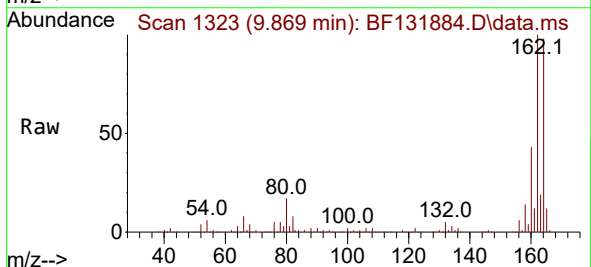
Instrument :
BNA_F
ClientSampleId :
TP-3

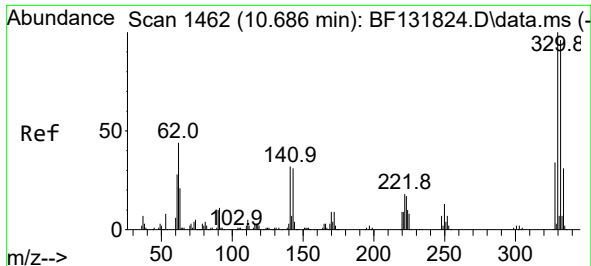
Tgt Ion: 82 Resp: 441170
Ion Ratio Lower Upper
82 100
95 0.0 6.2 9.4#
138 0.0 11.5 17.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

Tgt Ion: 164 Resp: 119500
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.6
160 43.7 35.7 53.5

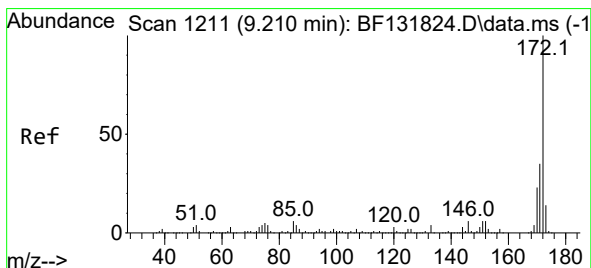
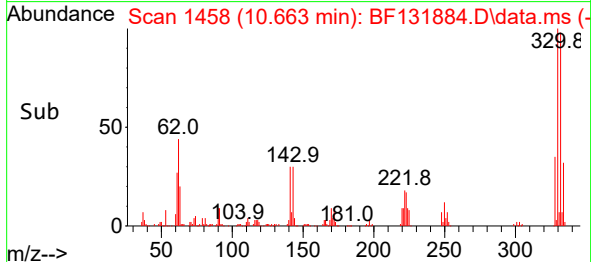
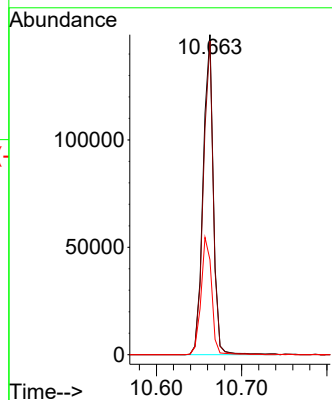
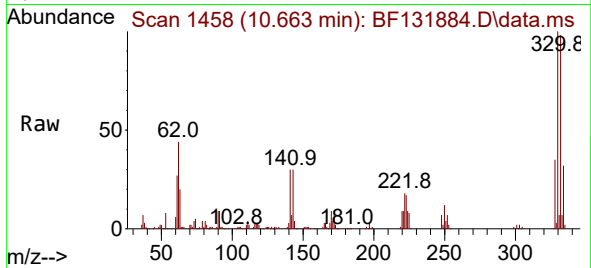




#42
2,4,6-Tribromophenol
Concen: 95.332 ng
RT: 10.663 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

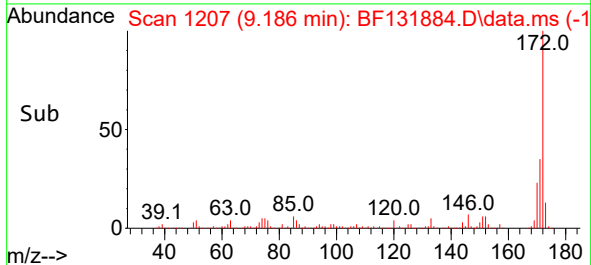
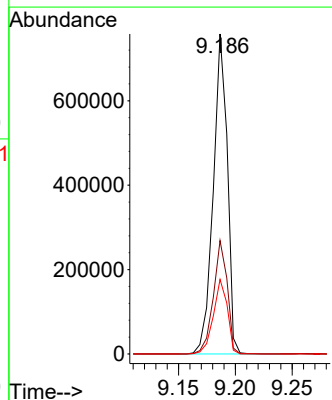
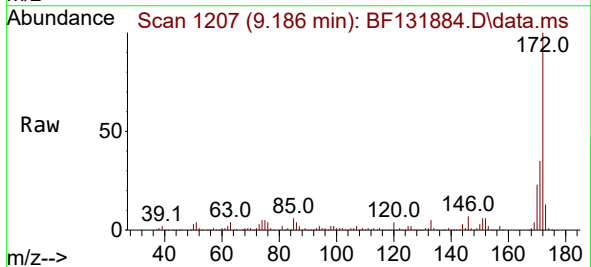
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ClientSampleId :
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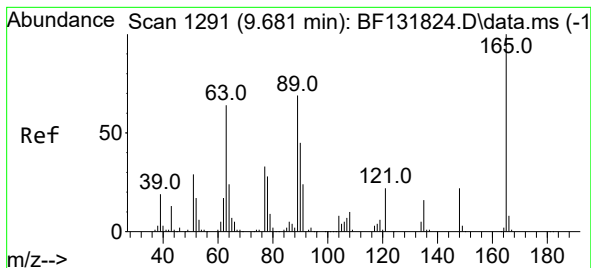
Tgt Ion:330 Resp: 123776
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.4
141 38.3 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 74.654 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

Tgt Ion:172 Resp: 651308
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.3 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 7.786 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF131884.D

Acq: 29 Dec 2022 18:23

Instrument :

BNA_F

ClientSampleId :

TP-3

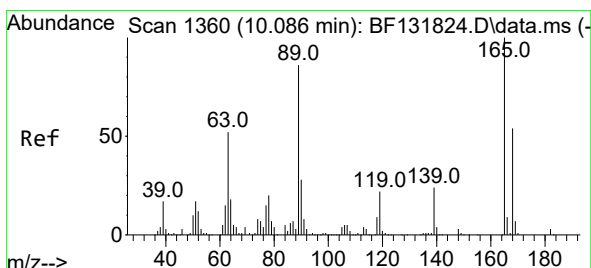
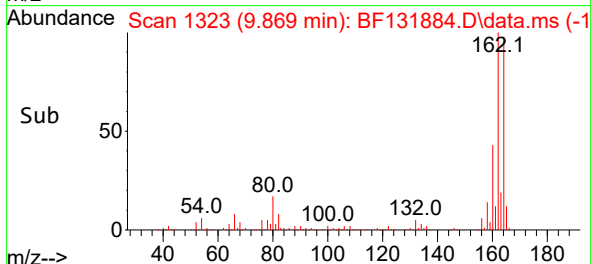
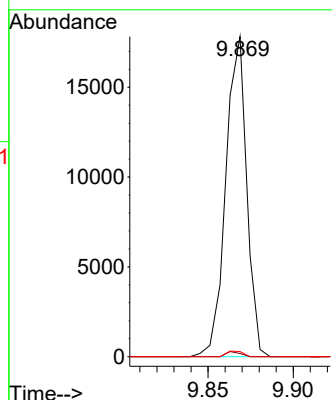
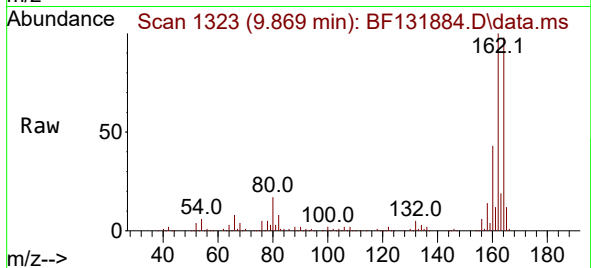
Tgt Ion:165 Resp: 15238

Ion Ratio Lower Upper

165 100

63 1.0 55.1 82.7#

89 1.6 55.0 82.4#



#57

2,4-Dinitrotoluene

Concen: 5.693 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.200 min

Lab File: BF131884.D

Acq: 29 Dec 2022 18:23

Tgt Ion:165 Resp: 15238

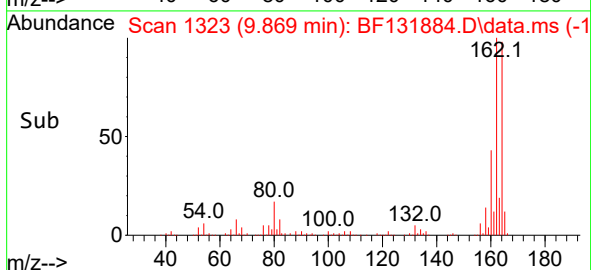
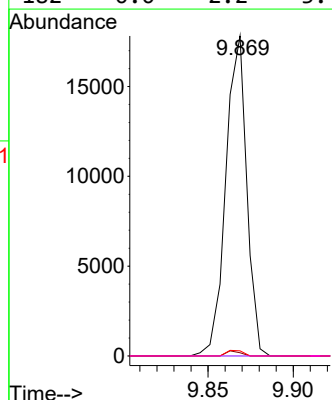
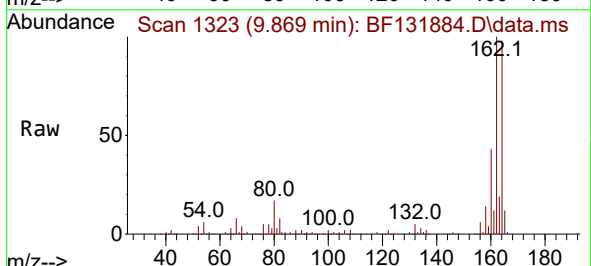
Ion Ratio Lower Upper

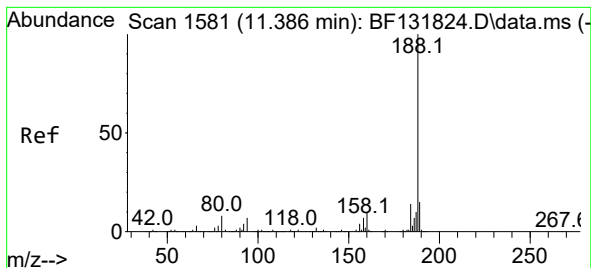
165 100

63 1.0 42.1 63.1#

89 1.6 69.1 103.7#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131884.D

Acq: 29 Dec 2022 18:23

Instrument :

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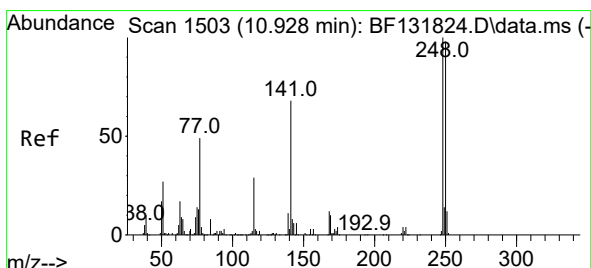
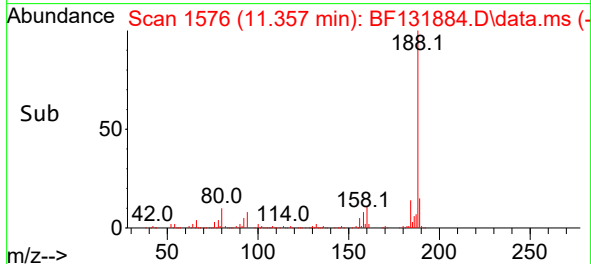
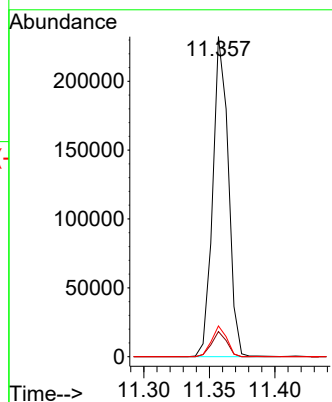
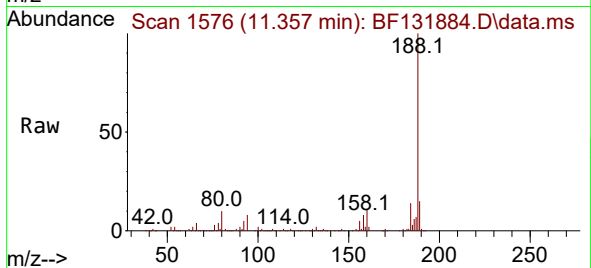
Tgt Ion:188 Resp: 192225

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.6

80 9.6 6.7 10.1



#67

4-Bromophenyl-phenylether

Concen: 3.844 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF131884.D

Acq: 29 Dec 2022 18:23

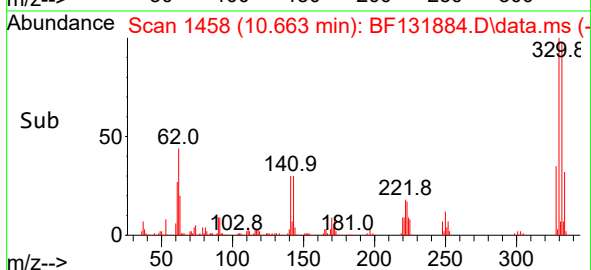
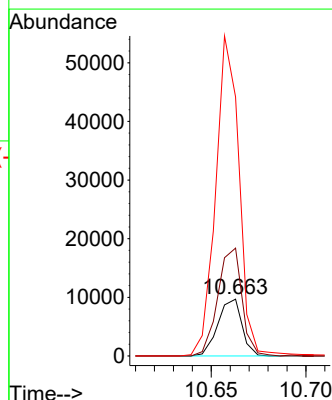
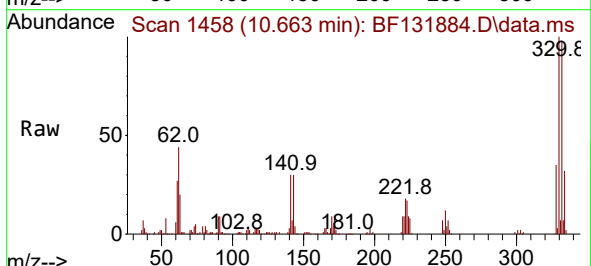
Tgt Ion:248 Resp: 8565

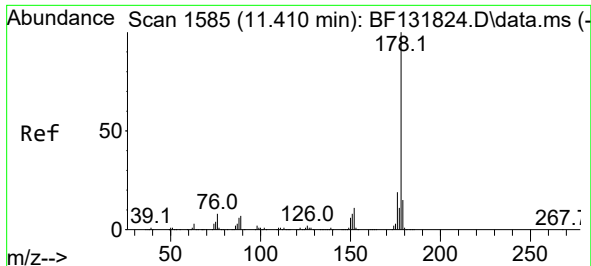
Ion Ratio Lower Upper

248 100

250 189.8 78.0 117.0#

141 456.2 54.8 82.2#

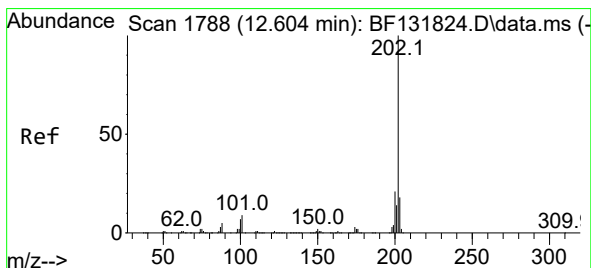
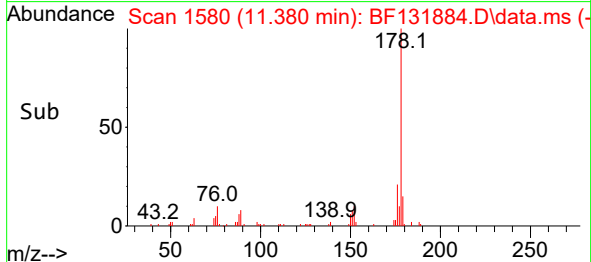
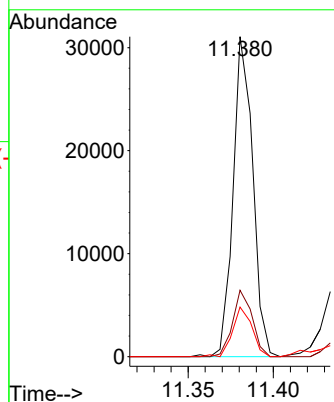
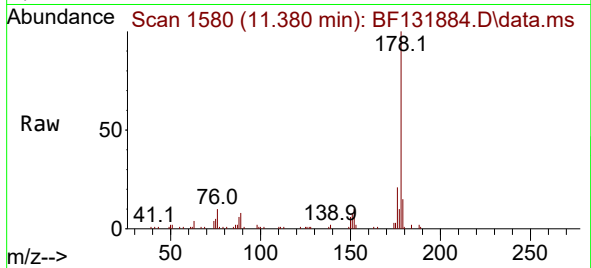




#71
Phenanthrene
Concen: 2.357 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

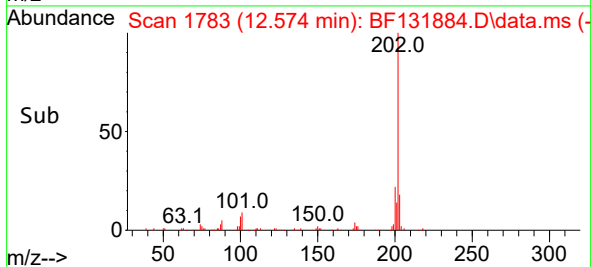
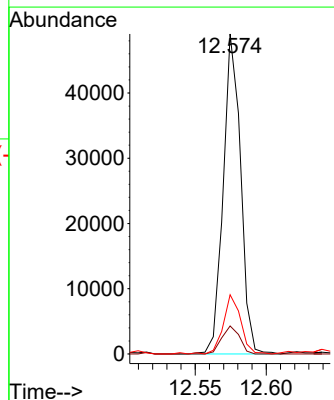
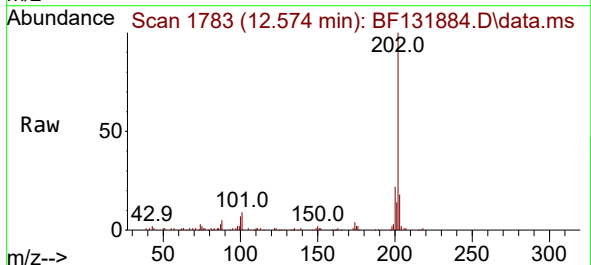
Instrument :
BNA_F
ClientSampleId :
TP-3

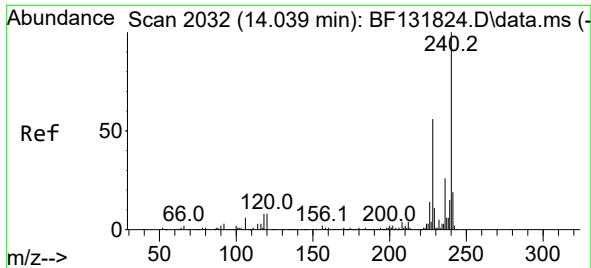
Tgt Ion:178 Resp: 24918
Ion Ratio Lower Upper
178 100
176 20.7 15.5 23.3
179 15.5 12.2 18.4



#75
Fluoranthene
Concen: 3.391 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

Tgt Ion:202 Resp: 41756
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.6
203 18.5 0.0 37.8

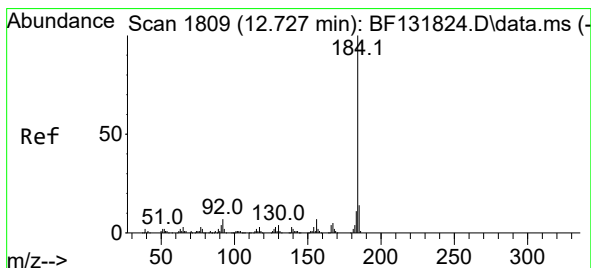
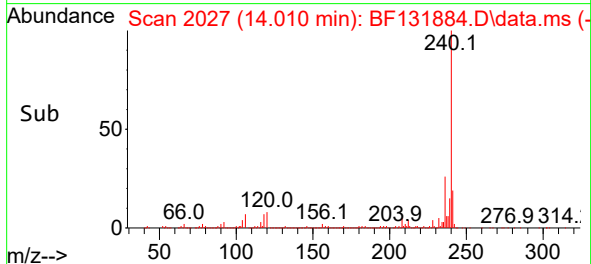
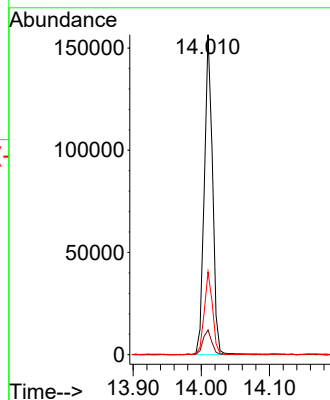
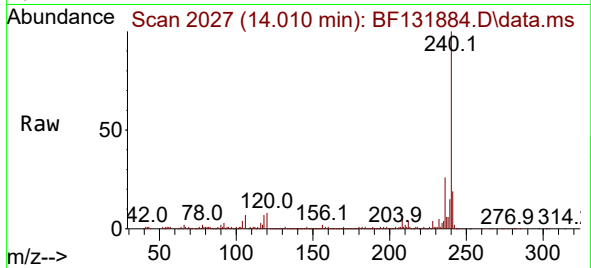




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

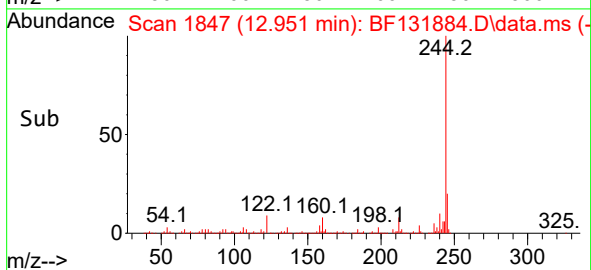
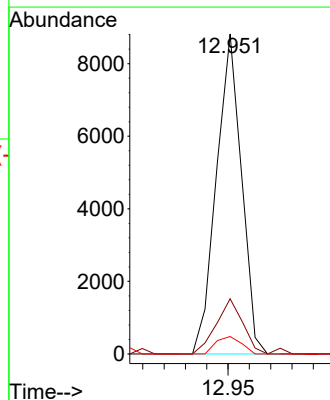
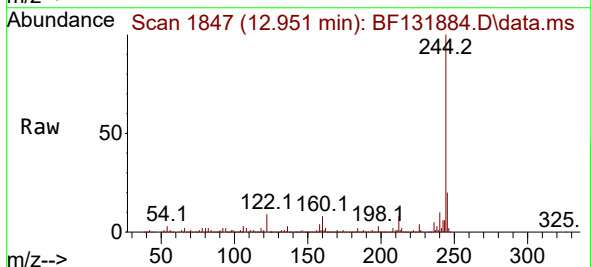
Instrument :
BNA_F
ClientSampleId :
TP-3

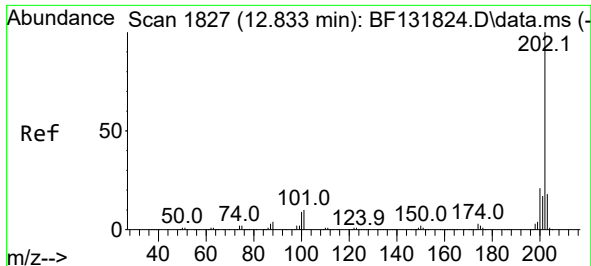
Tgt Ion:240 Resp: 131997
Ion Ratio Lower Upper
240 100
120 7.7 6.7 10.1
236 25.9 20.6 31.0



#77
Benzidine
Concen: 3.324 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.241 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

Tgt Ion:184 Resp: 7210
Ion Ratio Lower Upper
184 100
185 17.2 11.6 17.4
183 5.4 9.0 13.4

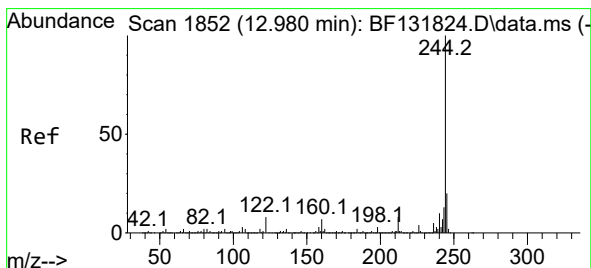
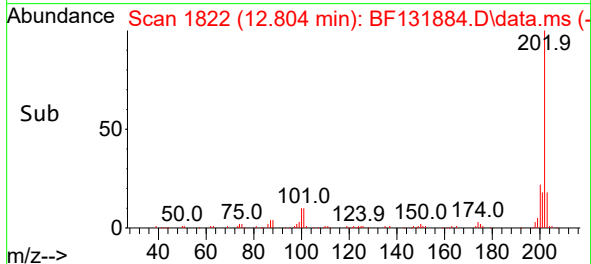
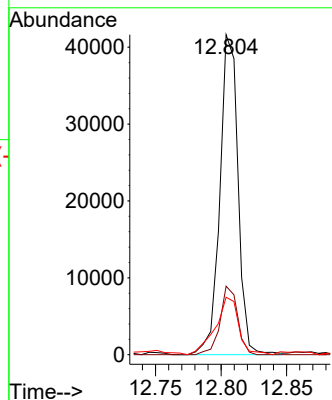
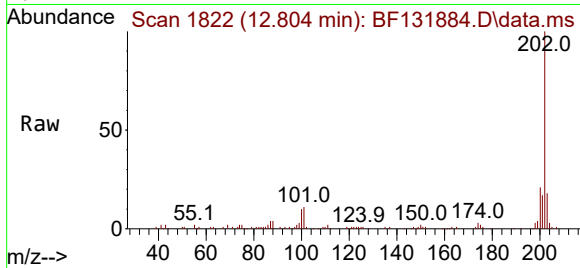




#78
 Pyrene
 Concen: 3.619 ng
 RT: 12.804 min Scan# 1822
 Delta R.T. -0.012 min
 Lab File: BF131884.D
 Acq: 29 Dec 2022 18:23

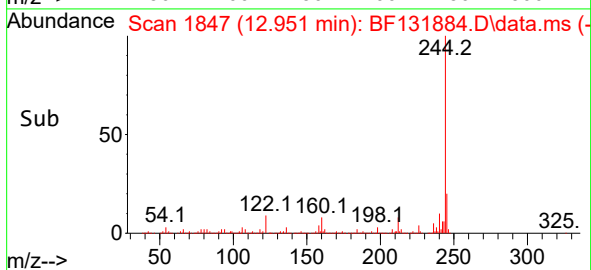
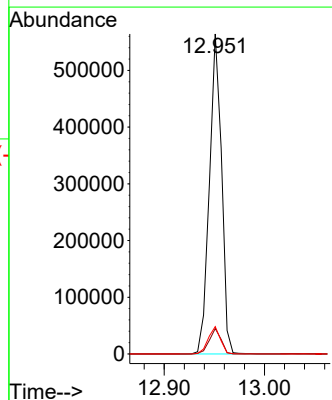
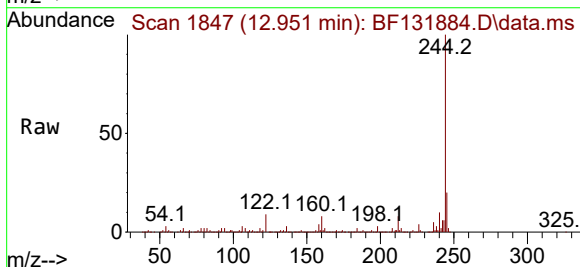
Instrument :
 BNA_F
 ClientSampleId :
 TP-3

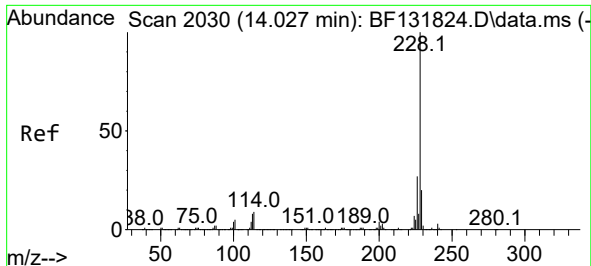
Tgt Ion:202 Resp: 40043
 Ion Ratio Lower Upper
 202 100
 200 21.4 16.7 25.1
 203 18.0 14.4 21.6



#79
 Terphenyl-d14
 Concen: 61.102 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF131884.D
 Acq: 29 Dec 2022 18:23

Tgt Ion:244 Resp: 476809
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 8.6 6.4 9.6

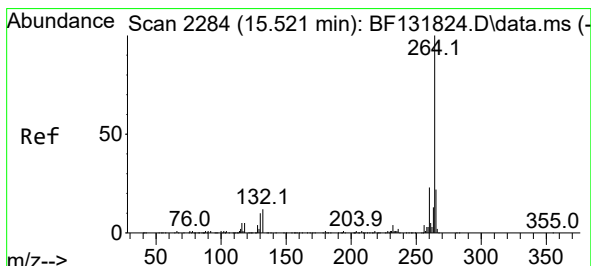
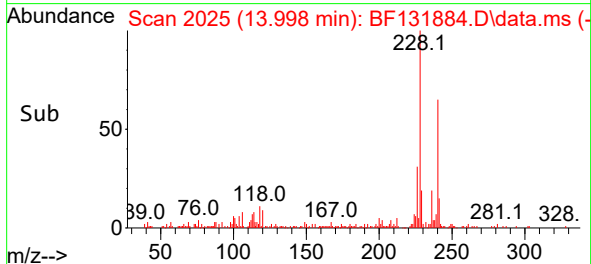
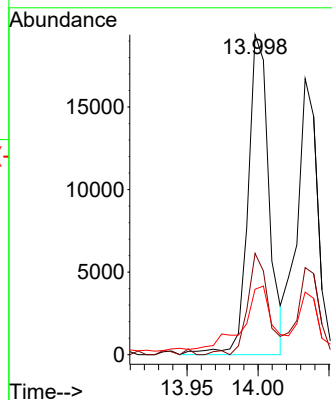
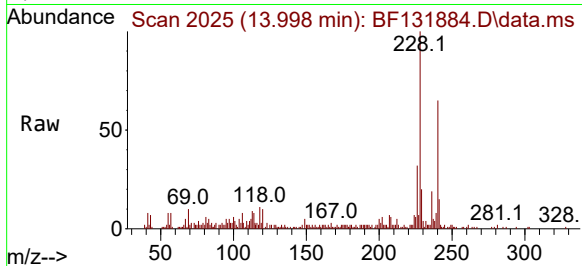




#81
Benzo(a)anthracene
Concen: 2.084 ng
RT: 13.998 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

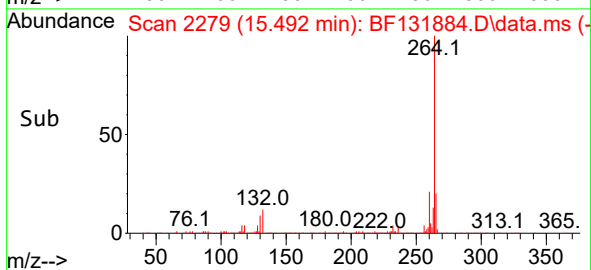
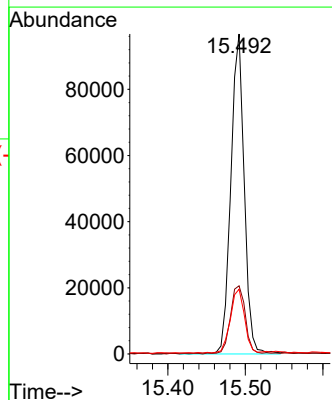
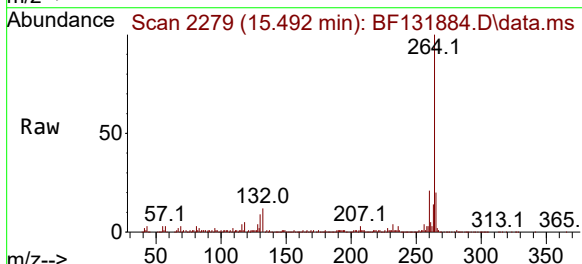
Instrument :
BNA_F
ClientSampleId :
TP-3

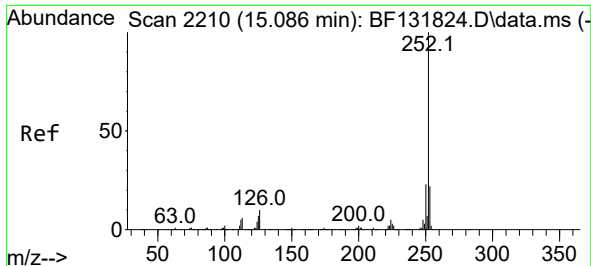
Tgt Ion:228 Resp: 19919
Ion Ratio Lower Upper
228 100
226 31.6 22.0 33.0
229 20.4 16.0 24.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

Tgt Ion:264 Resp: 116865
Ion Ratio Lower Upper
264 100
260 21.3 18.6 28.0
265 20.3 17.4 26.0

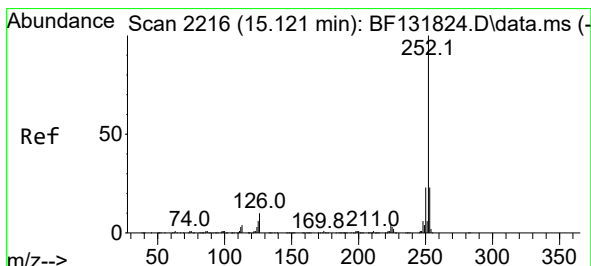
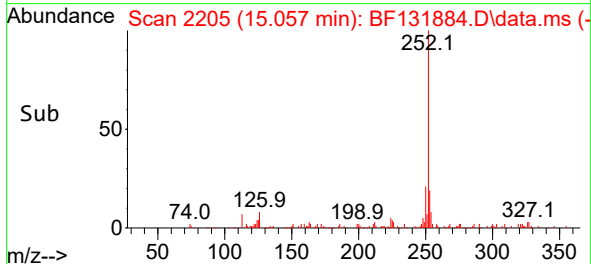
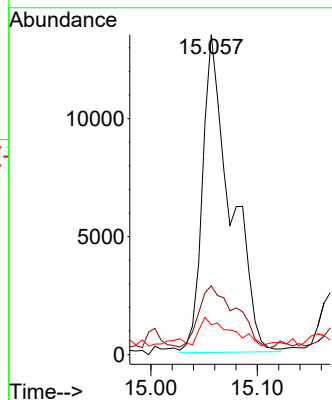
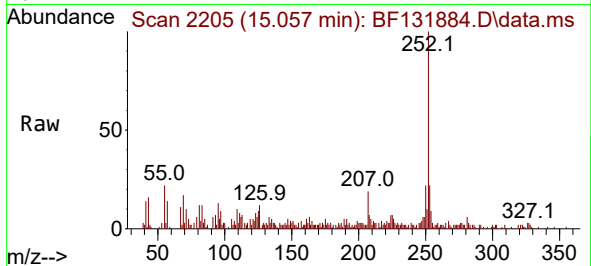




#88
Benzo(b)fluoranthene
Concen: 2.901 ng
RT: 15.057 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

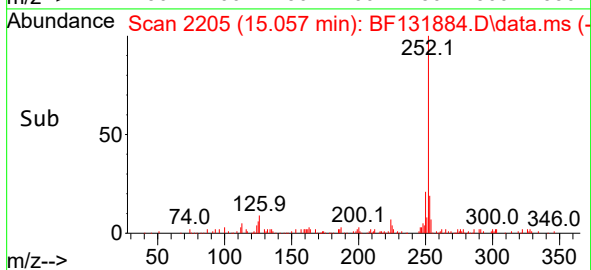
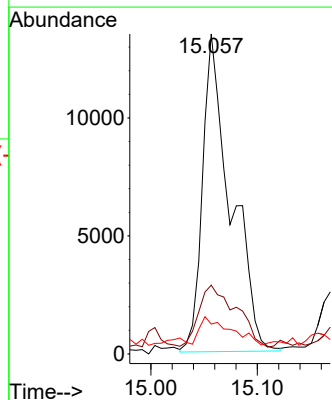
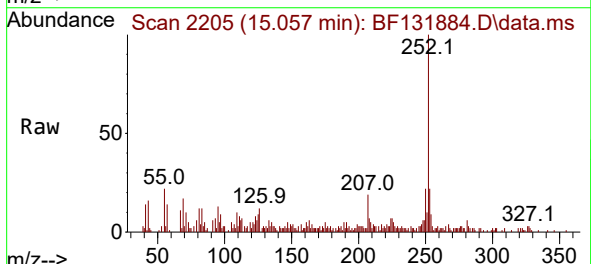
Instrument :
BNA_F
ClientSampleId :
TP-3

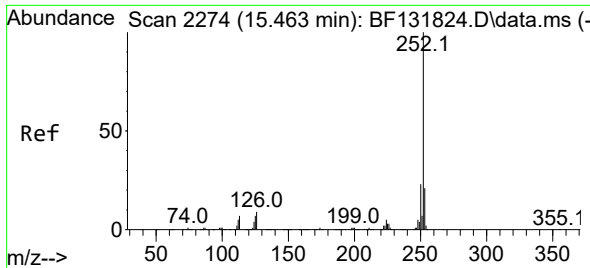
Tgt Ion:252 Resp: 24860
Ion Ratio Lower Upper
252 100
253 21.5 17.6 26.4
125 9.4 5.8 8.8#



#89
Benzo(k)fluoranthene
Concen: 3.003 ng
RT: 15.057 min Scan# 2205
Delta R.T. -0.035 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

Tgt Ion:252 Resp: 24860
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 9.4 5.4 8.0#

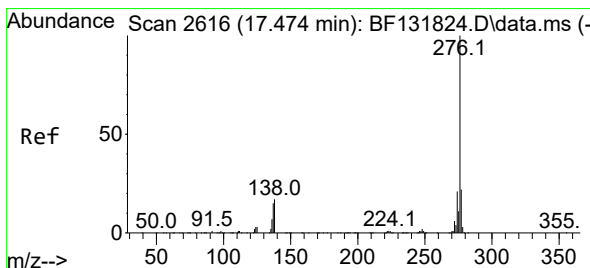
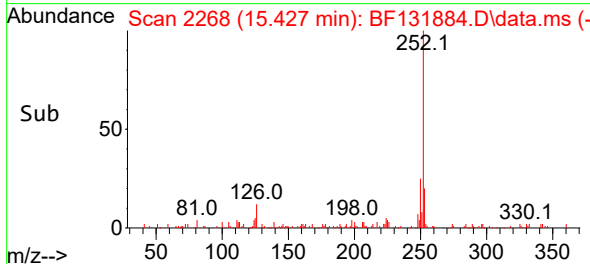
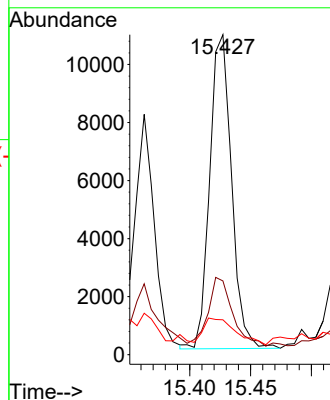
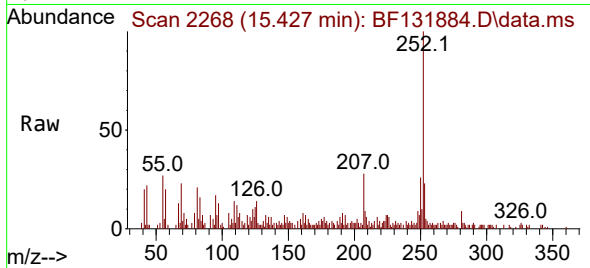




#90
Benzo(a)pyrene
Concen: 2.040 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:252 Resp: 13531
Ion Ratio Lower Upper
252 100
253 23.1 16.6 24.8
125 10.9 5.8 8.8#



#92
Benzo(g,h,i)perylene
Concen: 6.246 ng
RT: 17.415 min Scan# 2606
Delta R.T. -0.012 min
Lab File: BF131884.D
Acq: 29 Dec 2022 18:23

Tgt Ion:276 Resp: 8063
Ion Ratio Lower Upper
276 100
277 30.3 17.9 26.9#
138 17.0 13.7 20.5

