

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070524\
 Data File : BF138473.D
 Acq On : 05 Jul 2024 17:34
 Operator : CG\JU
 Sample : P3166-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-070324

Quant Time: Jul 05 18:02:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 02:44:30 2024
 Response via : Initial Calibration

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

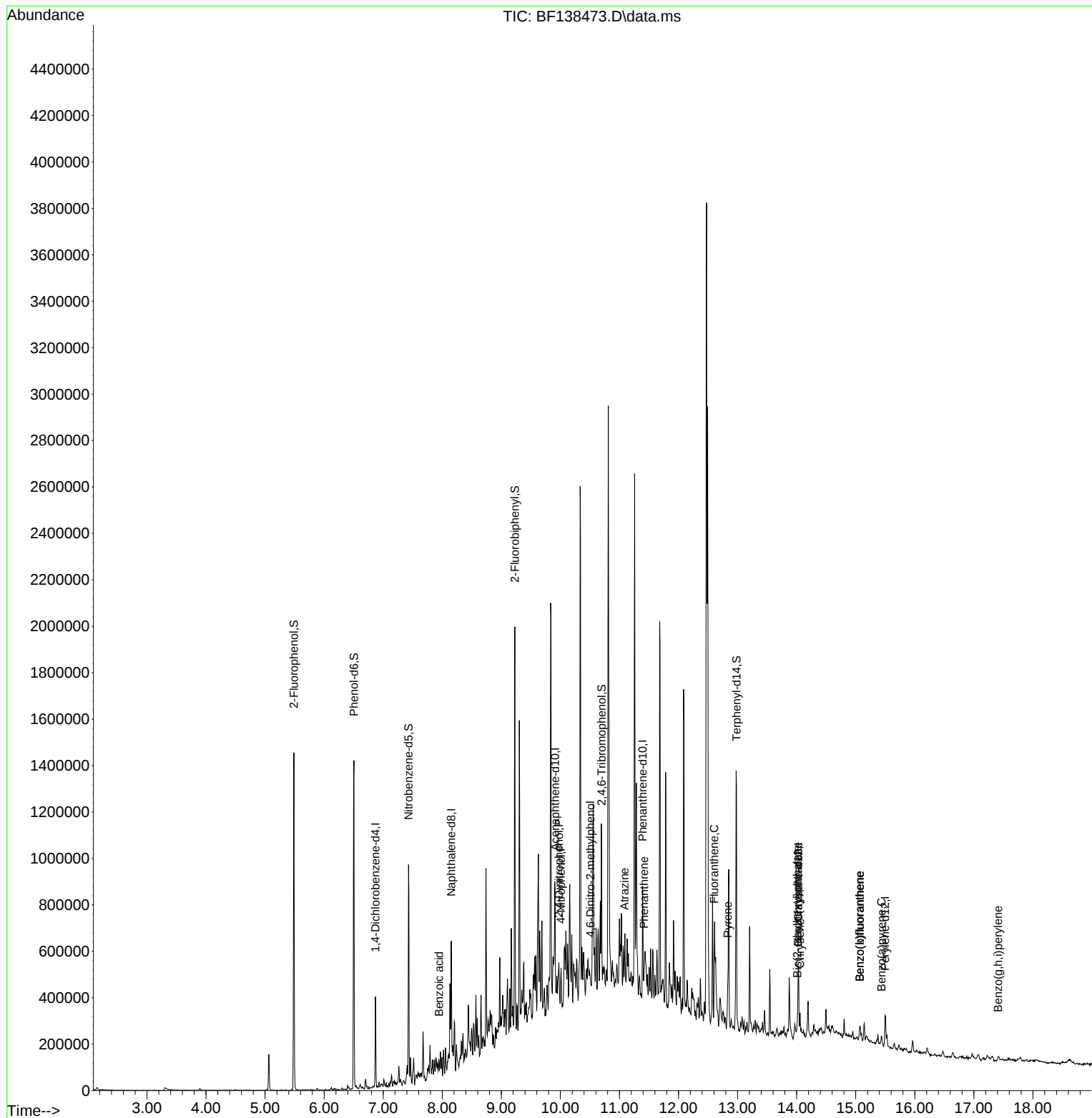
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	44449	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	176262	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	91051	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	128676	20.000	ng	0.00
76) Chrysene-d12	14.027	240	88660	20.000	ng	0.00
86) Perylene-d12	15.498	264	66138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	317082	118.272	ng	-0.01
7) Phenol-d6	6.504	99	415969	115.179	ng	-0.01
23) Nitrobenzene-d5	7.428	82	259450	76.465	ng	-0.02
42) 2,4,6-Tribromophenol	10.698	330	75477	101.462	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	442238	77.298	ng	0.00
79) Terphenyl-d14	12.980	244	370660	57.293	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.945	122	356	4.286	ng	# 1
54) 2,4-Dinitrophenol	9.975	184	119	9.121	ng	# 1
56) 4-Nitrophenol	10.010	139	2300	2.741	ng	# 3
65) 4,6-Dinitro-2-methylph...	10.510	198	126	5.961	ng	# 1
69) Atrazine	11.086	200	2516	2.246	ng	# 69
71) Phenanthrene	11.416	178	21766	3.465	ng	# 90
75) Fluoranthene	12.604	202	66021	11.722	ng	98
78) Pyrene	12.833	202	69502	7.335	ng	98
81) Benzo(a)anthracene	14.022	228	29801	5.222	ng	# 90
83) Chrysene	14.057	228	32444	5.843	ng	# 92
84) Bis(2-ethylhexyl)phtha...	14.010	149	8047	2.225	ng	# 82
88) Benzo(b)fluoranthene	15.068	252	39686	10.937	ng	# 91
89) Benzo(k)fluoranthene	15.068	252	39686	11.874	ng	# 92
90) Benzo(a)pyrene	15.433	252	19482	6.125	ng	# 92
92) Benzo(g,h,i)perylene	17.410	276	14599	5.563	ng	# 85

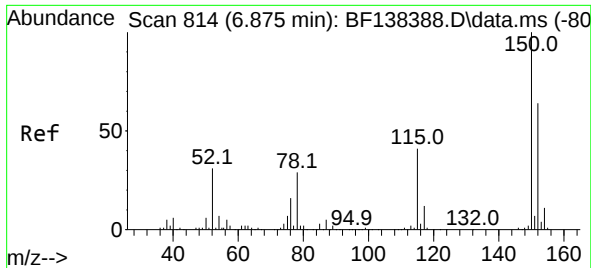
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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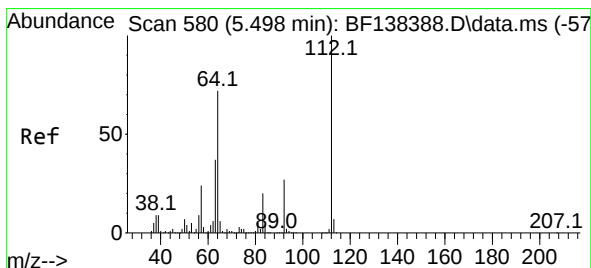
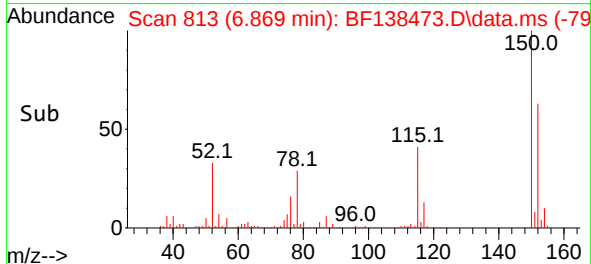
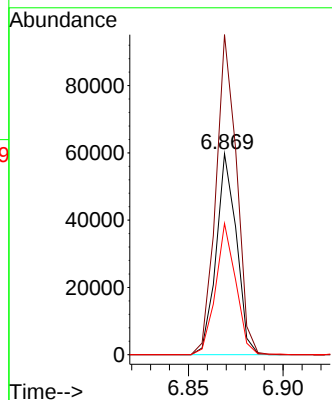
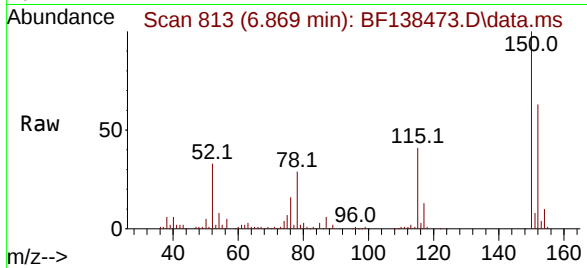




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF138473.D
Acq: 05 Jul 2024 17:34

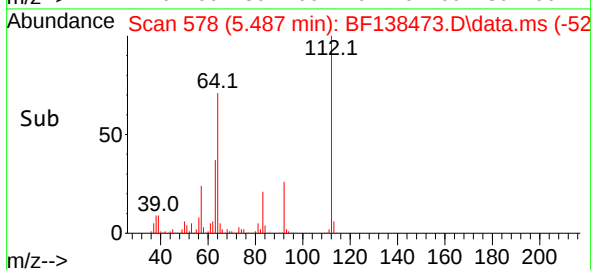
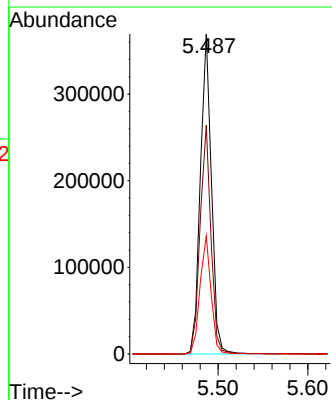
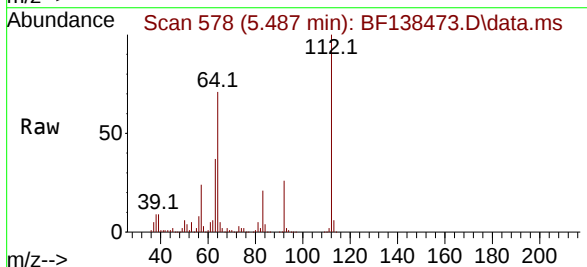
Instrument :
BNA_F
ClientSampleId :
NB-08-070324

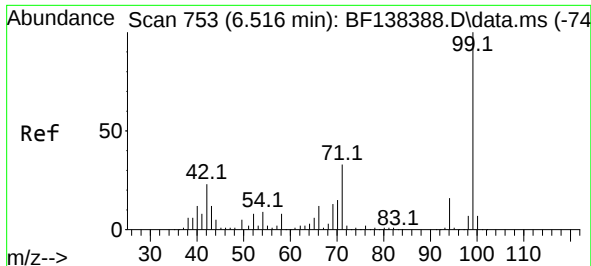
Tgt Ion:152 Resp: 44449
Ion Ratio Lower Upper
152 100
150 159.2 124.9 187.3
115 65.3 50.8 76.2



#5
2-Fluorophenol
Concen: 118.272 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.012 min
Lab File: BF138473.D
Acq: 05 Jul 2024 17:34

Tgt Ion:112 Resp: 317082
Ion Ratio Lower Upper
112 100
64 71.4 57.2 85.8
63 36.9 29.4 44.0

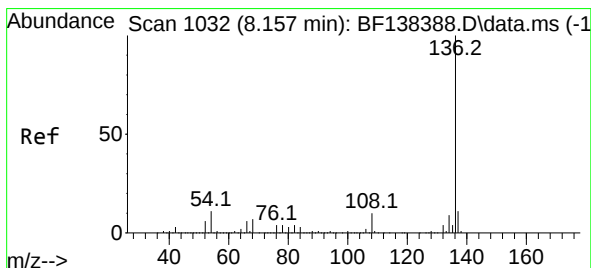
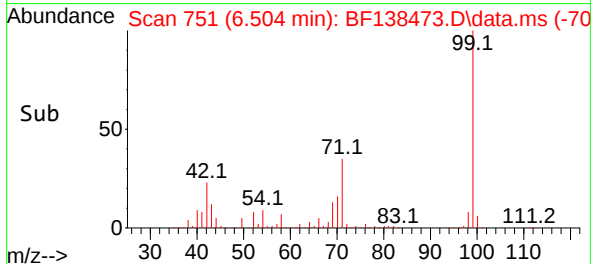
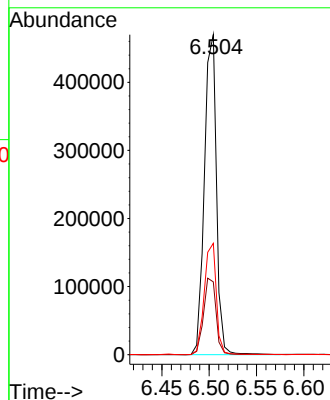
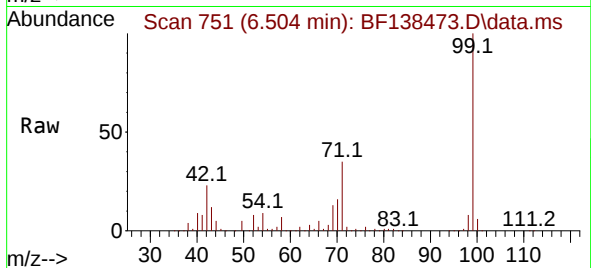




#7
Phenol-d6
Concen: 115.179 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138473.D
Acq: 05 Jul 2024 17:34

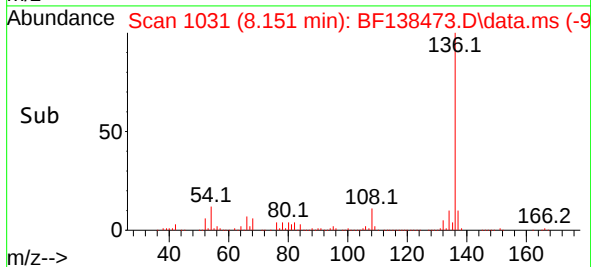
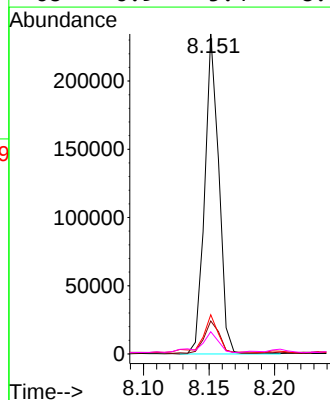
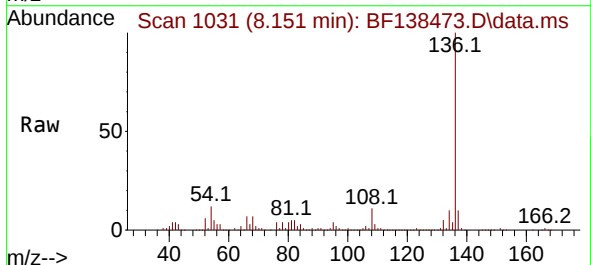
Instrument :
BNA_F
ClientSampleId :
NB-08-070324

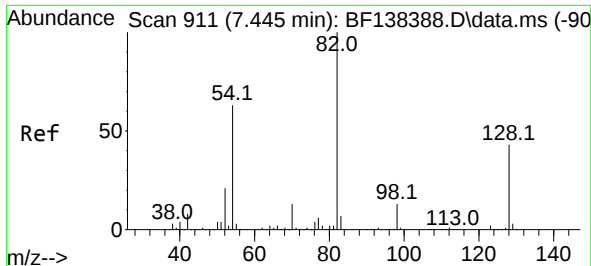
Tgt Ion: 99 Resp: 415969
Ion Ratio Lower Upper
99 100
42 22.8 18.5 27.7
71 34.8 26.1 39.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138473.D
Acq: 05 Jul 2024 17:34

Tgt Ion:136 Resp: 176262
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 12.2 9.0 13.4
68 6.9 5.4 8.0





#23

Nitrobenzene-d5

Concen: 76.465 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.018 min

Lab File: BF138473.D

Acq: 05 Jul 2024 17:34

Instrument :

BNA_F

ClientSampleId :

NB-08-070324

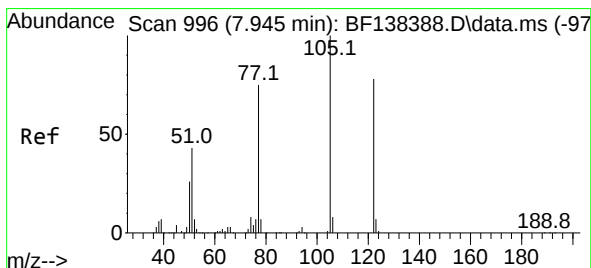
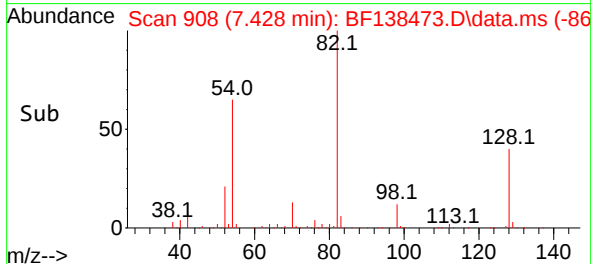
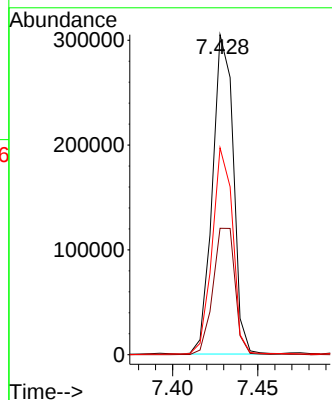
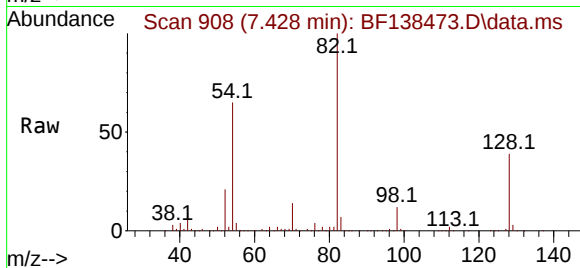
Tgt Ion: 82 Resp: 259450

Ion Ratio Lower Upper

82 100

128 39.5 34.6 52.0

54 64.7 50.5 75.7



#32

Benzoic acid

Concen: 4.286 ng

RT: 7.945 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF138473.D

Acq: 05 Jul 2024 17:34

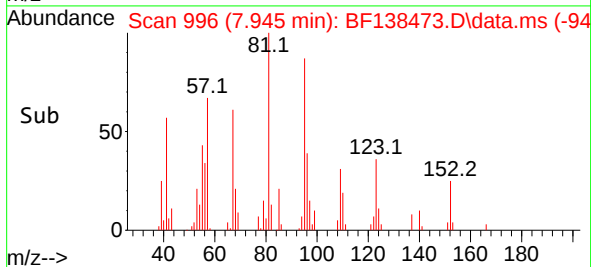
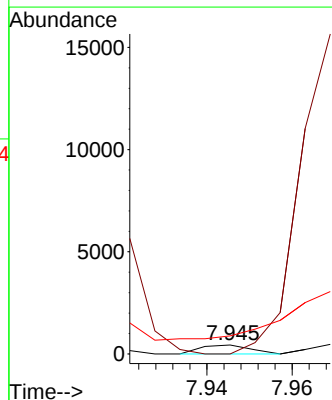
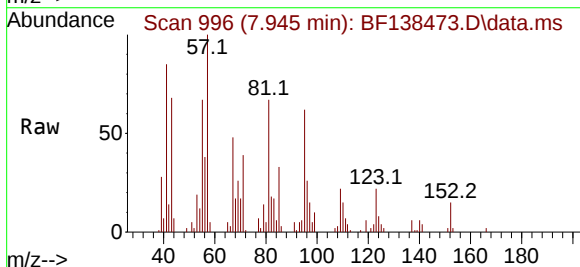
Tgt Ion:122 Resp: 356

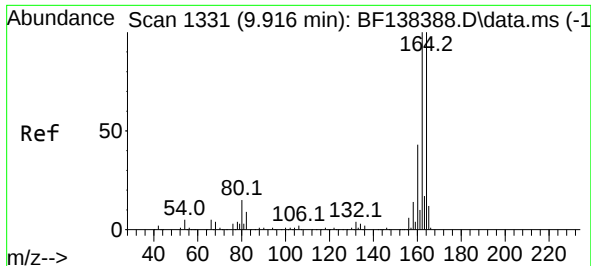
Ion Ratio Lower Upper

122 100

105 0.0 103.8 143.8#

77 203.2 74.3 114.3#

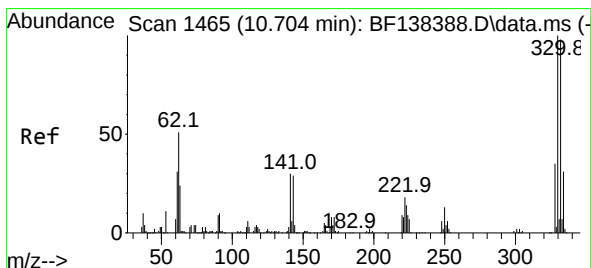
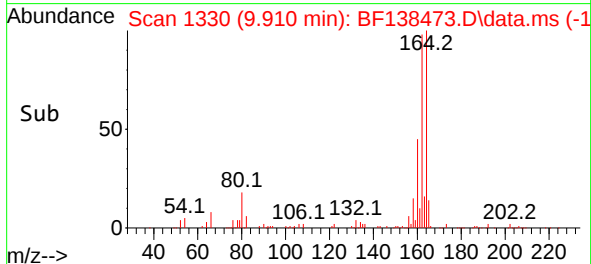
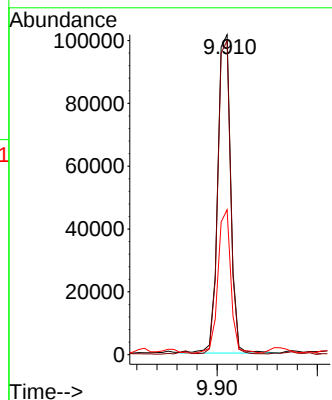
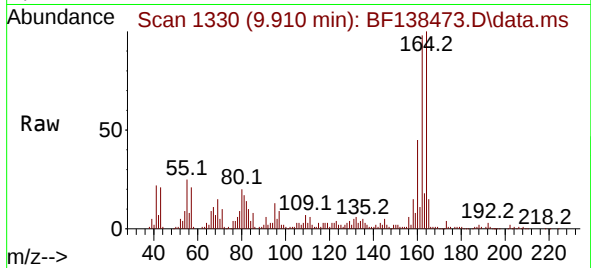




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138473.D
Acq: 05 Jul 2024 17:34

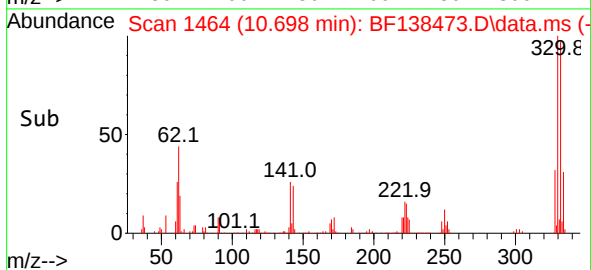
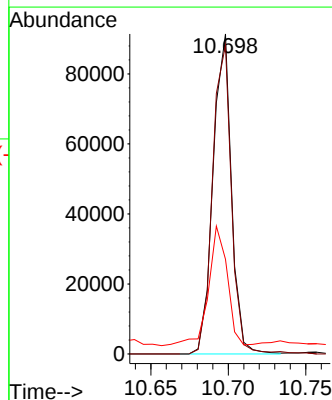
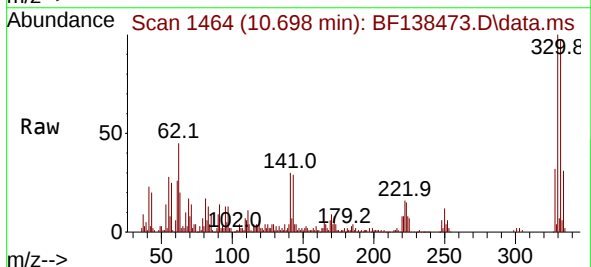
Instrument :
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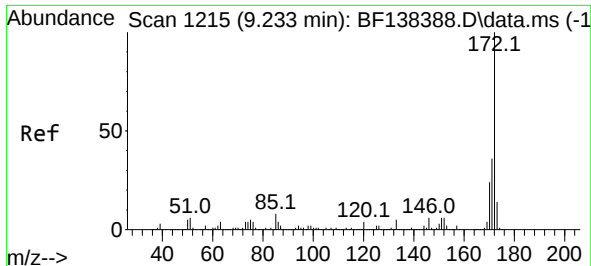
Tgt Ion:164 Resp: 91051
Ion Ratio Lower Upper
164 100
162 98.1 80.1 120.1
160 45.3 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 101.462 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF138473.D
Acq: 05 Jul 2024 17:34

Tgt Ion:330 Resp: 75477
Ion Ratio Lower Upper
330 100
332 99.2 77.0 115.6
141 38.1 28.1 42.1

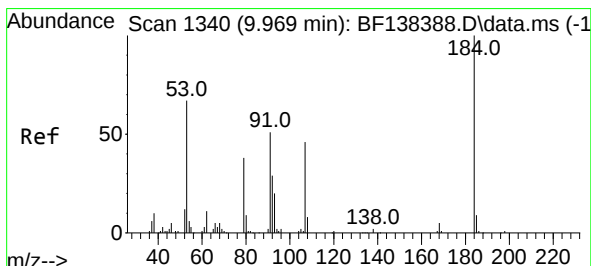
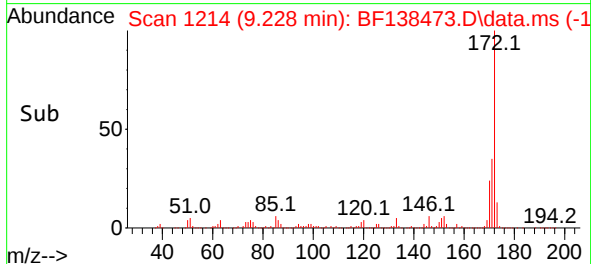
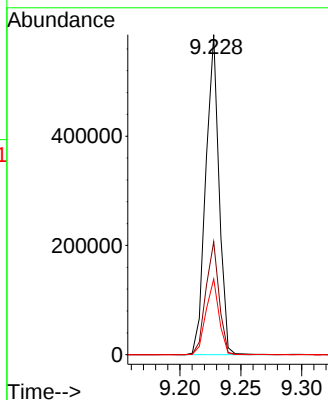
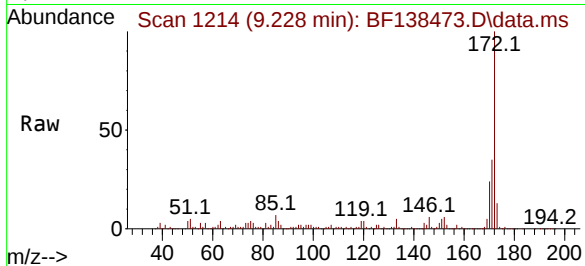




#45
2-Fluorobiphenyl
Concen: 77.298 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF138473.D
Acq: 05 Jul 2024 17:34

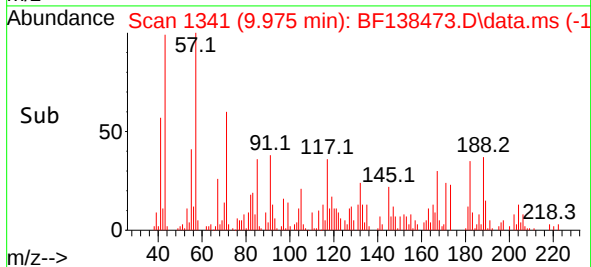
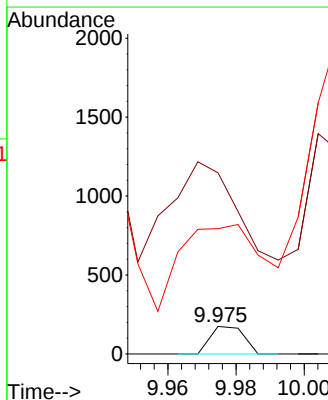
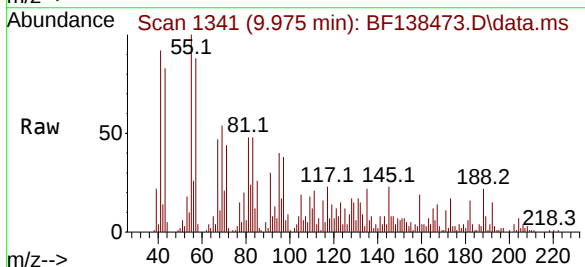
Instrument :
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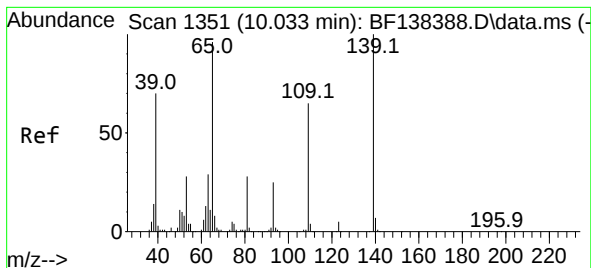
Tgt Ion:172 Resp: 442238
Ion Ratio Lower Upper
172 100
171 35.3 29.0 43.4
170 23.7 19.0 28.6



#54
2,4-Dinitrophenol
Concen: 9.121 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF138473.D
Acq: 05 Jul 2024 17:34

Tgt Ion:184 Resp: 119
Ion Ratio Lower Upper
184 100
63 659.2 67.3 100.9#
154 455.7 51.0 76.4#

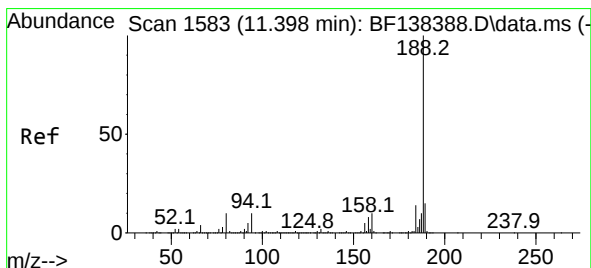
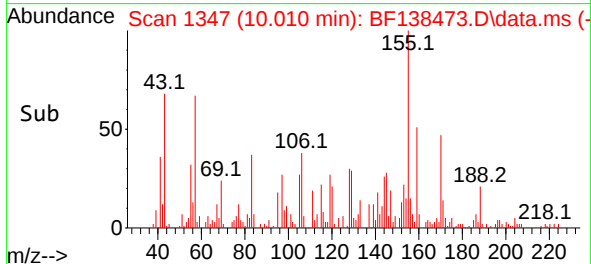
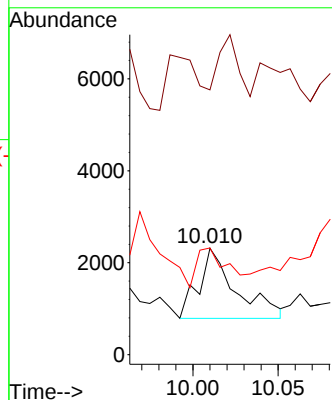
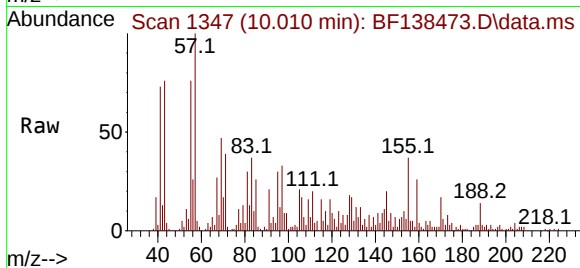




#56
4-Nitrophenol
Concen: 2.741 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF138473.D
Acq: 05 Jul 2024 17:34

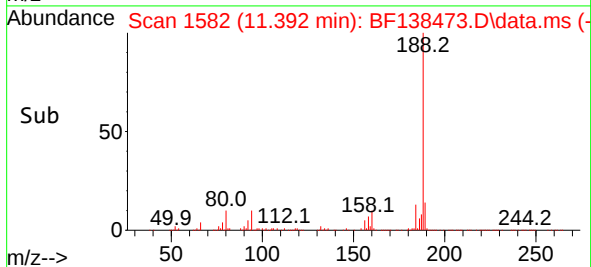
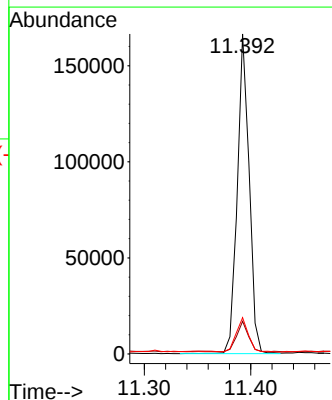
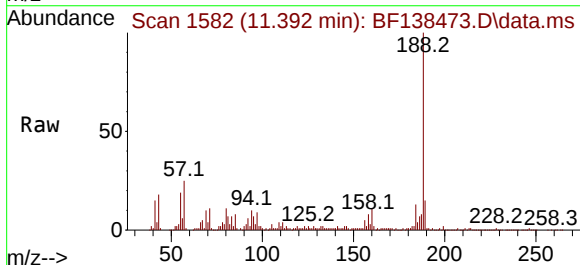
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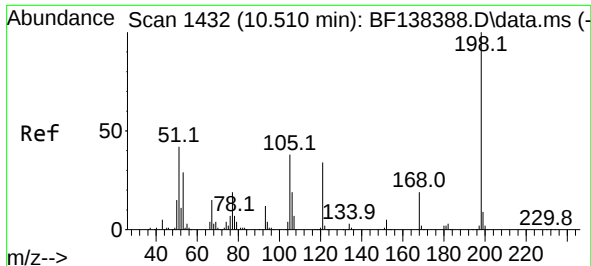
Tgt Ion:139 Resp: 2300
Ion Ratio Lower Upper
139 100
109 249.0 44.6 84.6#
65 100.3 75.9 115.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF138473.D
Acq: 05 Jul 2024 17:34

Tgt Ion:188 Resp: 128676
Ion Ratio Lower Upper
188 100
94 10.2 8.0 12.0
80 11.3 8.2 12.4





#65

4,6-Dinitro-2-methylphenol

Concen: 5.961 ng

RT: 10.510 min Scan# 1432

Delta R.T. -0.000 min

Lab File: BF138473.D

Acq: 05 Jul 2024 17:34

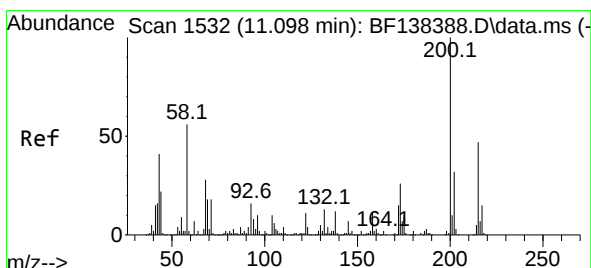
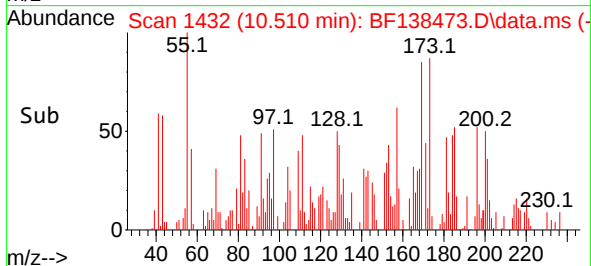
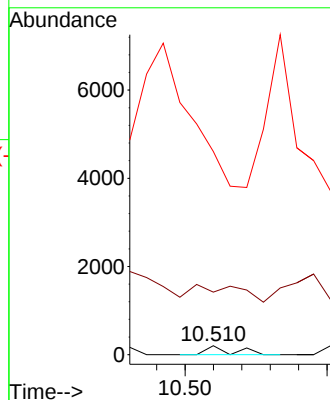
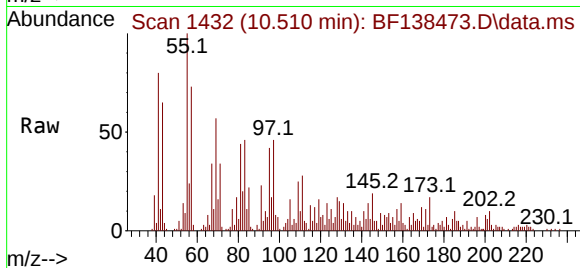
Instrument :

BNA_F

ClientSampleId :

NB-08-070324

Tgt Ion:198	Resp:	126
Ion Ratio	Lower	Upper
198	100	
51	696.1	27.9 67.9#
105	2258.8	18.2 58.2#



#69

Atrazine

Concen: 2.246 ng

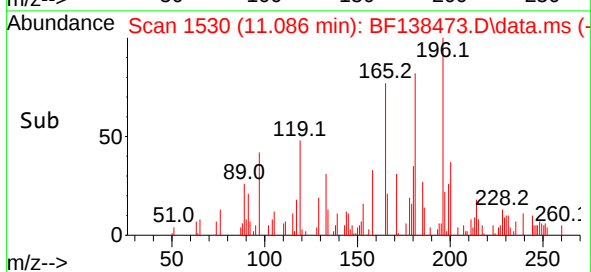
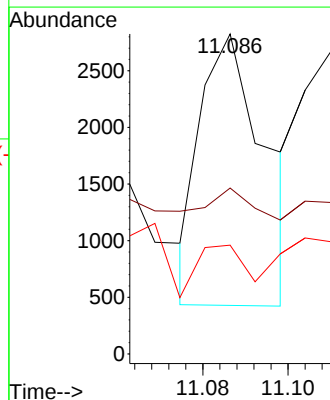
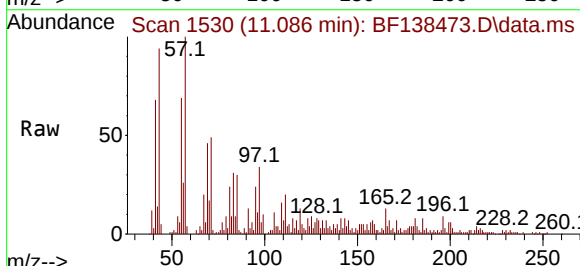
RT: 11.086 min Scan# 1530

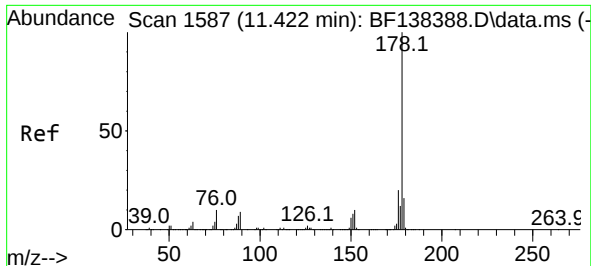
Delta R.T. -0.012 min

Lab File: BF138473.D

Acq: 05 Jul 2024 17:34

Tgt Ion:200	Resp:	2516
Ion Ratio	Lower	Upper
200	100	
173	51.8	6.2 46.2#
215	34.0	27.4 67.4

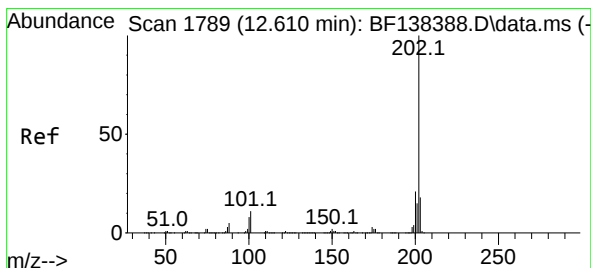
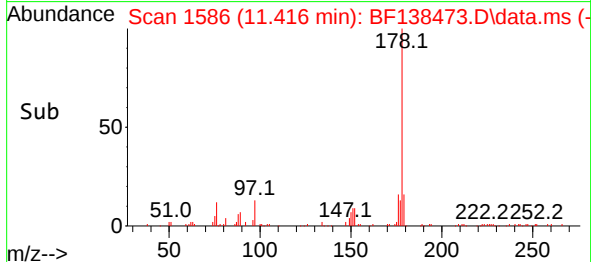
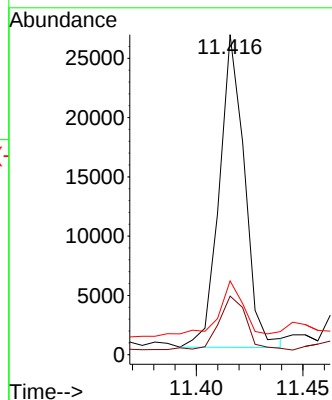
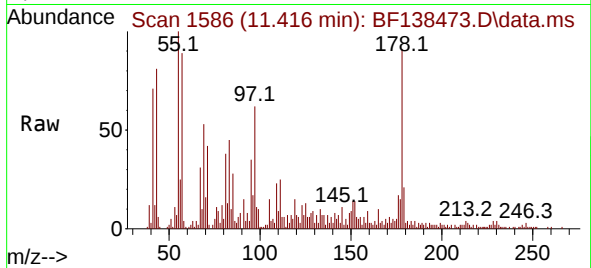




#71
Phenanthrene
Concen: 3.465 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138473.D
Acq: 05 Jul 2024 17:34

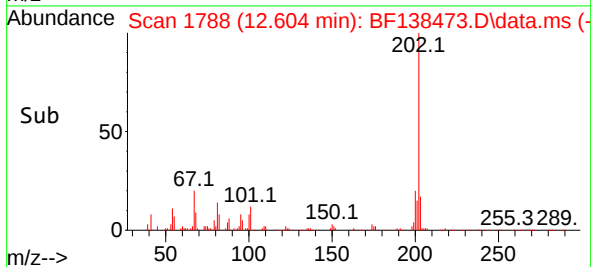
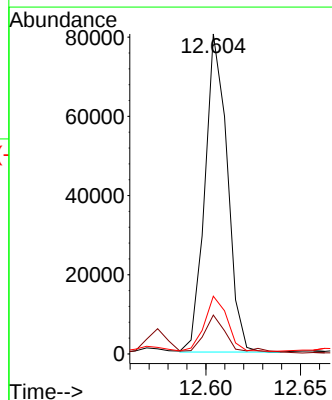
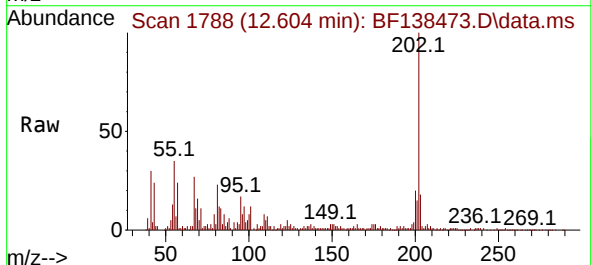
Instrument :
BNA_F
ClientSampleId :
NB-08-070324

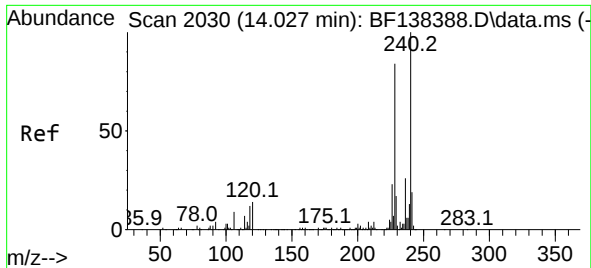
Tgt Ion:178 Resp: 21766
Ion Ratio Lower Upper
178 100
176 18.3 16.1 24.1
179 23.0 12.6 18.8#



#75
Fluoranthene
Concen: 11.722 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF138473.D
Acq: 05 Jul 2024 17:34

Tgt Ion:202 Resp: 66021
Ion Ratio Lower Upper
202 100
101 12.1 0.0 30.5
203 18.0 0.0 37.6

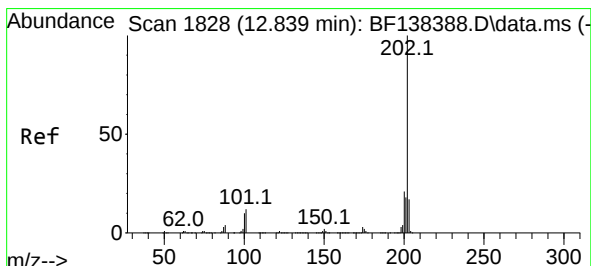
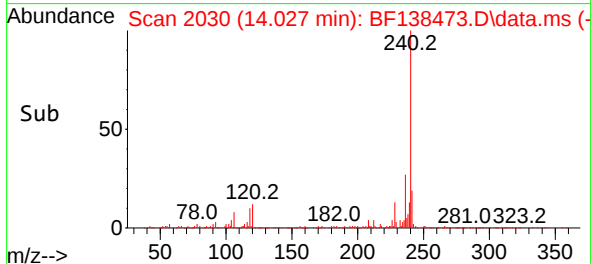
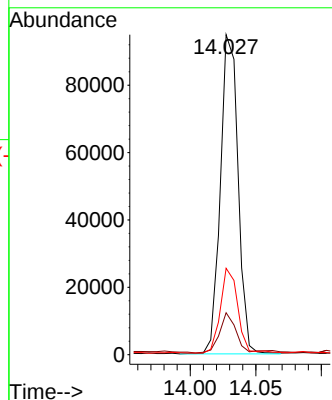
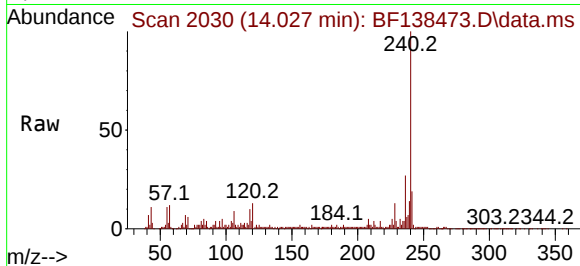




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF138473.D
Acq: 05 Jul 2024 17:34

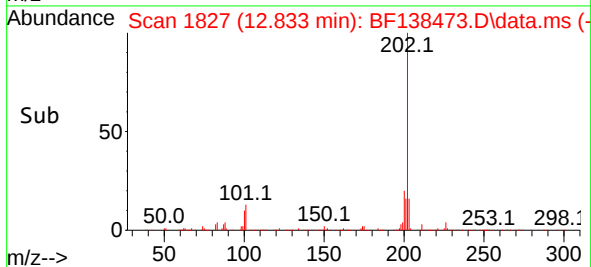
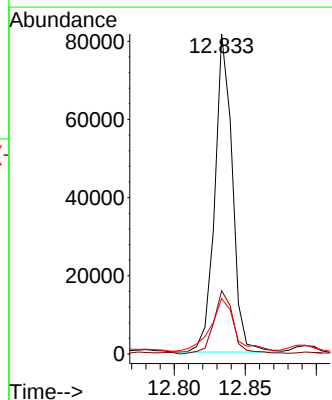
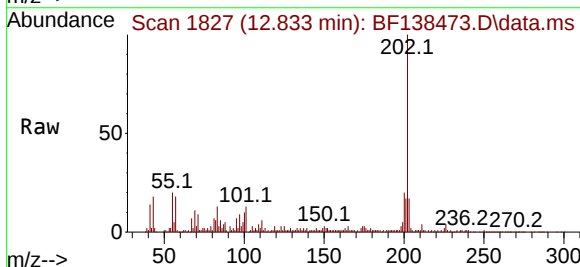
Instrument :
BNA_F
ClientSampleId :
NB-08-070324

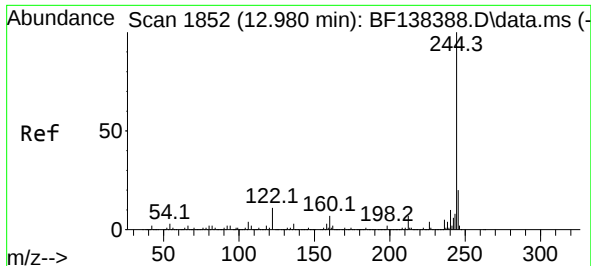
Tgt Ion:240 Resp: 88660
Ion Ratio Lower Upper
240 100
120 13.1 10.9 16.3
236 27.0 20.6 30.8



#78
Pyrene
Concen: 7.335 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF138473.D
Acq: 05 Jul 2024 17:34

Tgt Ion:202 Resp: 69502
Ion Ratio Lower Upper
202 100
200 19.8 16.9 25.3
203 17.3 13.8 20.8

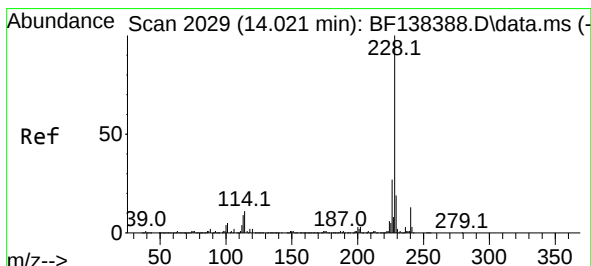
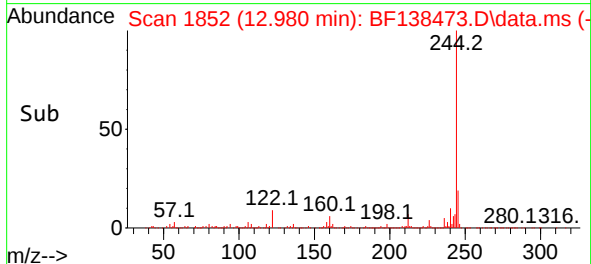
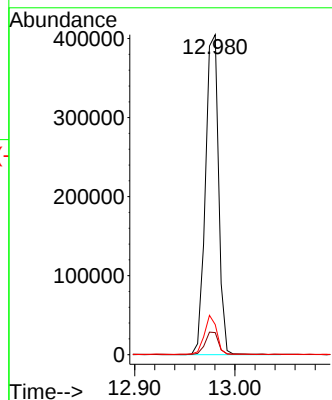
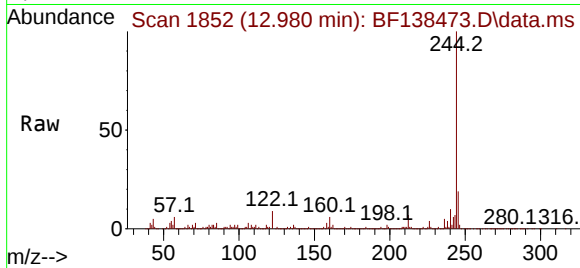




#79
 Terphenyl-d14
 Concen: 57.293 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF138473.D
 Acq: 05 Jul 2024 17:34

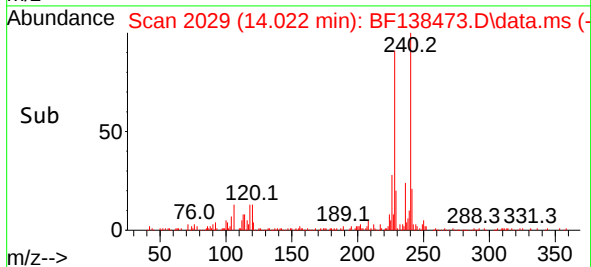
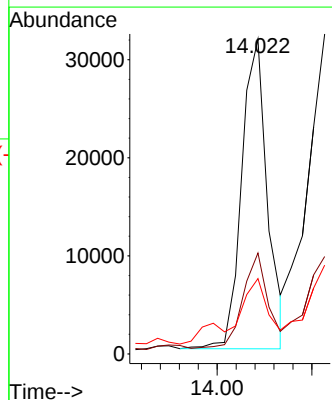
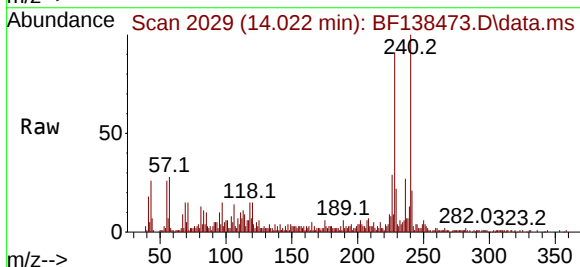
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-070324

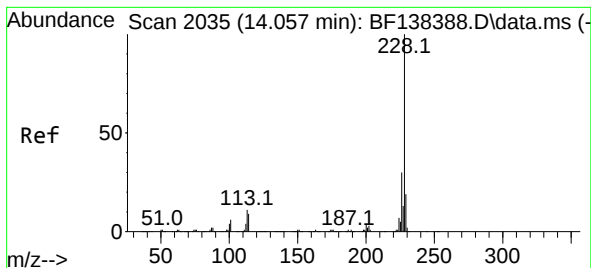
Tgt Ion:244 Resp: 370660
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 9.4 9.0 13.4



#81
 Benzo(a)anthracene
 Concen: 5.222 ng
 RT: 14.022 min Scan# 2029
 Delta R.T. 0.000 min
 Lab File: BF138473.D
 Acq: 05 Jul 2024 17:34

Tgt Ion:228 Resp: 29801
 Ion Ratio Lower Upper
 228 100
 226 32.0 21.7 32.5
 229 23.9 15.5 23.3#





#83

Chrysene

Concen: 5.843 ng

RT: 14.057 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF138473.D

Acq: 05 Jul 2024 17:34

Instrument :

BNA_F

ClientSampleId :

NB-08-070324

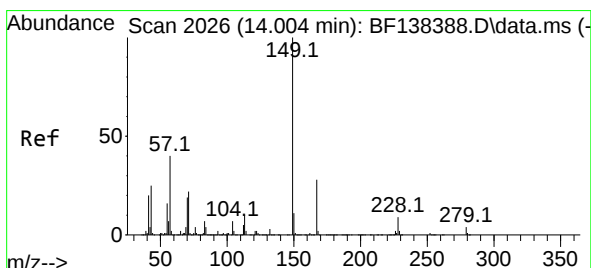
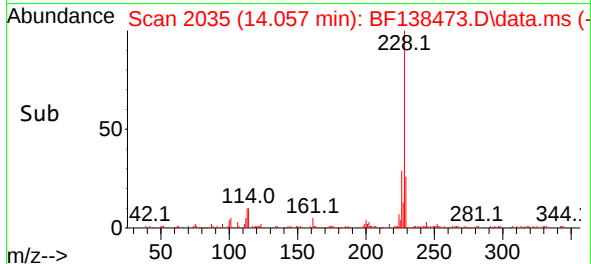
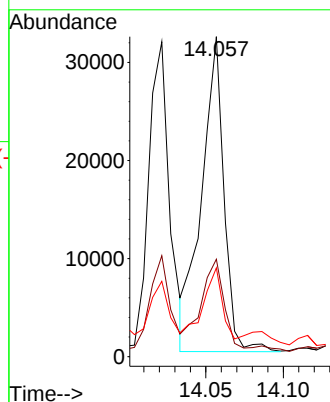
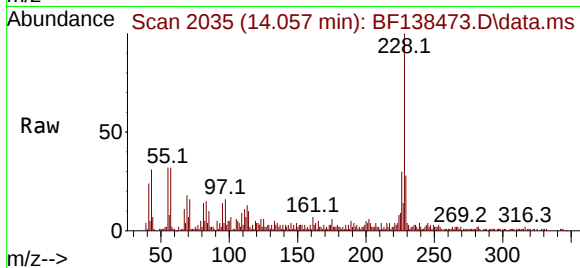
Tgt Ion:228 Resp: 32444

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

229 27.7 15.2 22.8#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.225 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF138473.D

Acq: 05 Jul 2024 17:34

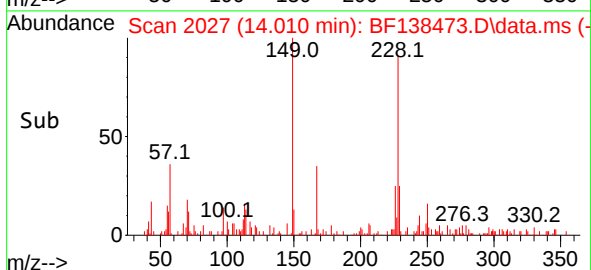
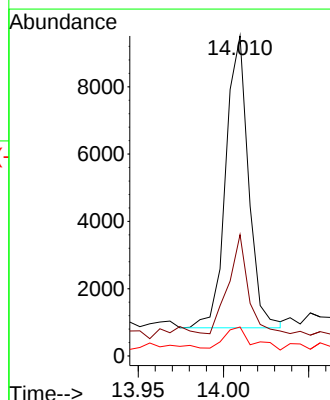
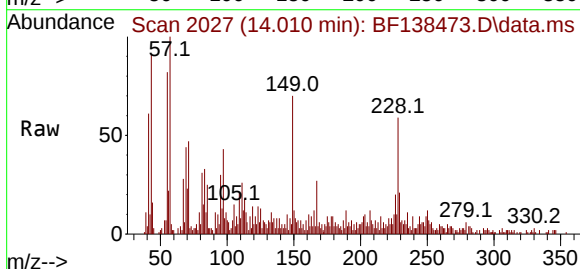
Tgt Ion:149 Resp: 8047

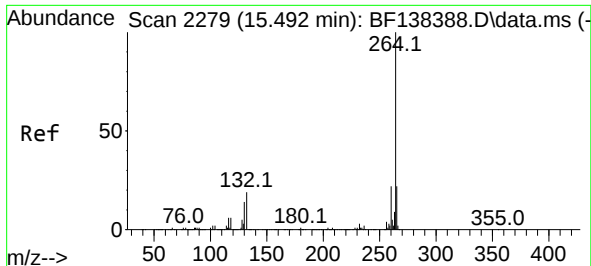
Ion Ratio Lower Upper

149 100

167 37.9 22.6 33.8#

279 9.0 3.2 4.8#

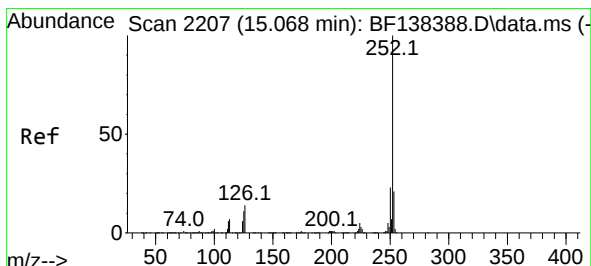
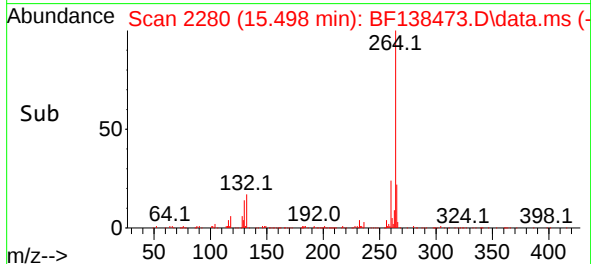
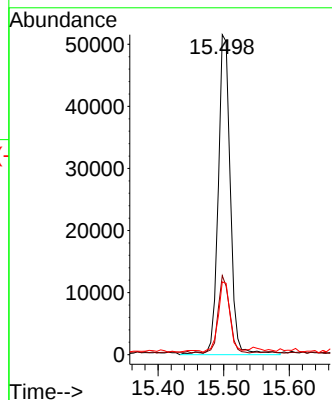
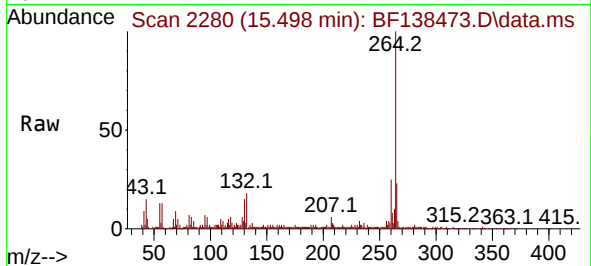




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138473.D
Acq: 05 Jul 2024 17:34

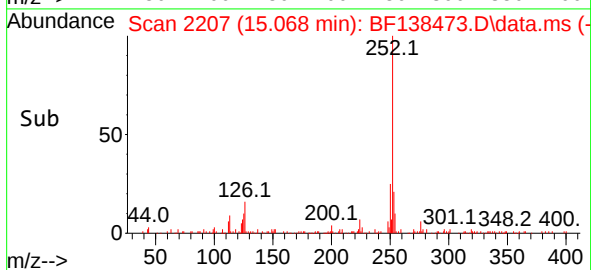
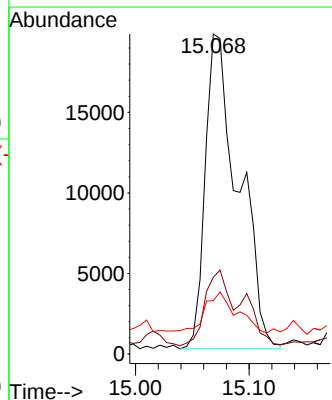
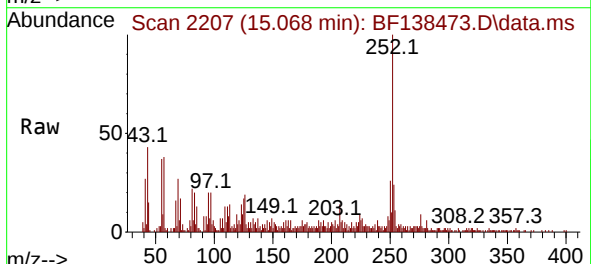
Instrument :
BNA_F
ClientSampleId :
NB-08-070324

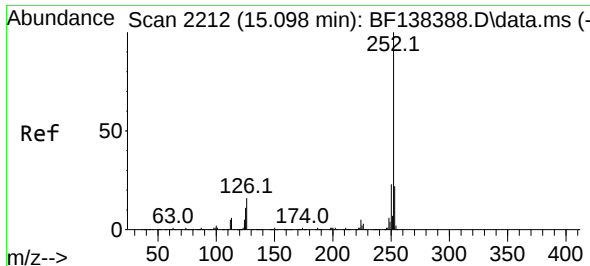
Tgt Ion:264 Resp: 66138
Ion Ratio Lower Upper
264 100
260 24.7 17.8 26.6
265 22.7 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 10.937 ng
RT: 15.068 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BF138473.D
Acq: 05 Jul 2024 17:34

Tgt Ion:252 Resp: 39686
Ion Ratio Lower Upper
252 100
253 24.0 17.0 25.4
125 16.7 8.6 12.8#

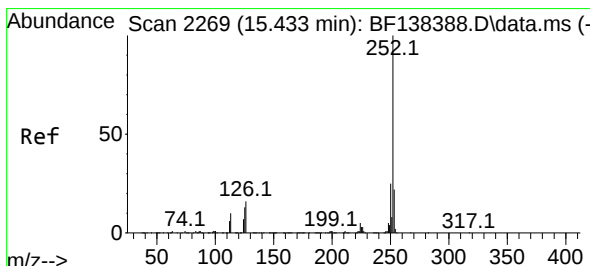
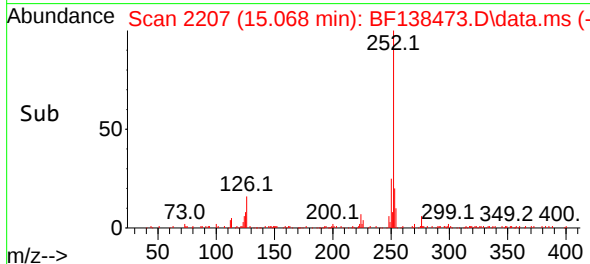
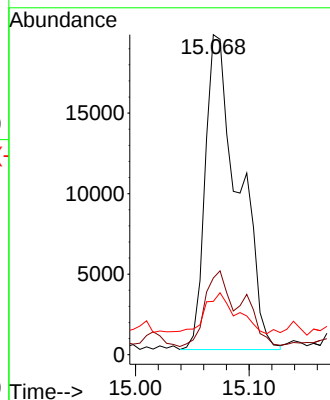
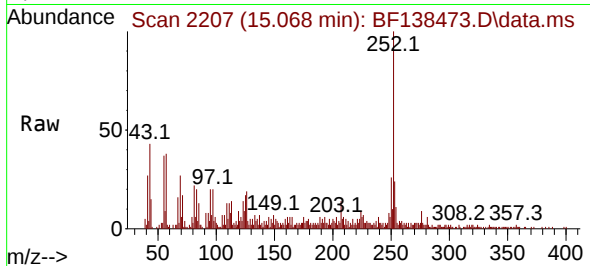




#89
Benzo(k)fluoranthene
Concen: 11.874 ng
RT: 15.068 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF138473.D
Acq: 05 Jul 2024 17:34

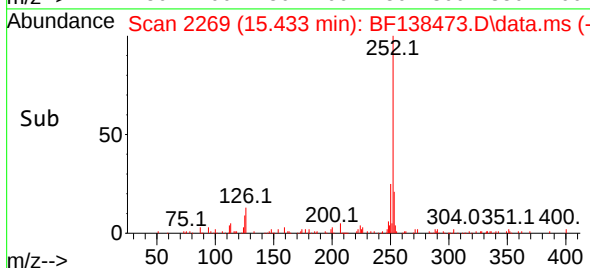
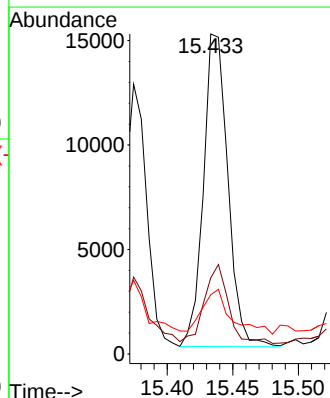
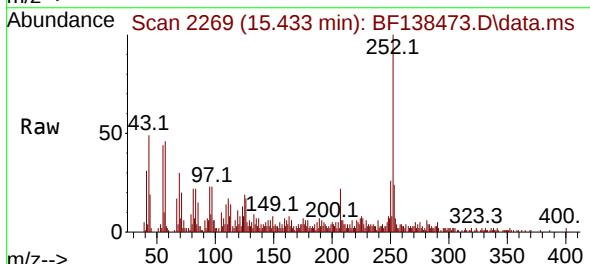
Instrument :
BNA_F
ClientSampleId :
NB-08-070324

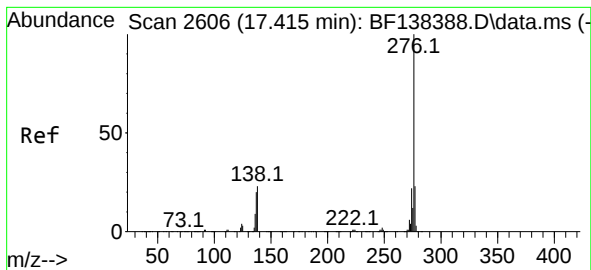
Tgt Ion:252 Resp: 39686
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 16.7 8.7 13.1#



#90
Benzo(a)pyrene
Concen: 6.125 ng
RT: 15.433 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BF138473.D
Acq: 05 Jul 2024 17:34

Tgt Ion:252 Resp: 19482
Ion Ratio Lower Upper
252 100
253 23.8 17.6 26.4
125 18.5 10.2 15.2#





#92

Benzo(g,h,i)perylene

Concen: 5.563 ng

RT: 17.410 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138473.D

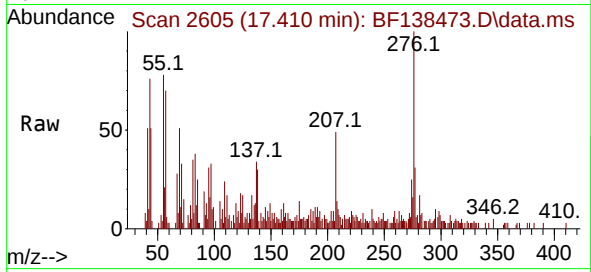
Acq: 05 Jul 2024 17:34

Instrument :

BNA_F

ClientSampleId :

NB-08-070324



Tgt Ion: 276 Resp: 14599

Ion Ratio Lower Upper

276 100

277 31.0 18.3 27.5#

138 29.6 18.3 27.5#

