

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071524\
 Data File : BF138574.D
 Acq On : 15 Jul 2024 18:14
 Operator : CG\JU
 Sample : P3228-01 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-DIS-01-07112024

Quant Time: Jul 15 19:00:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

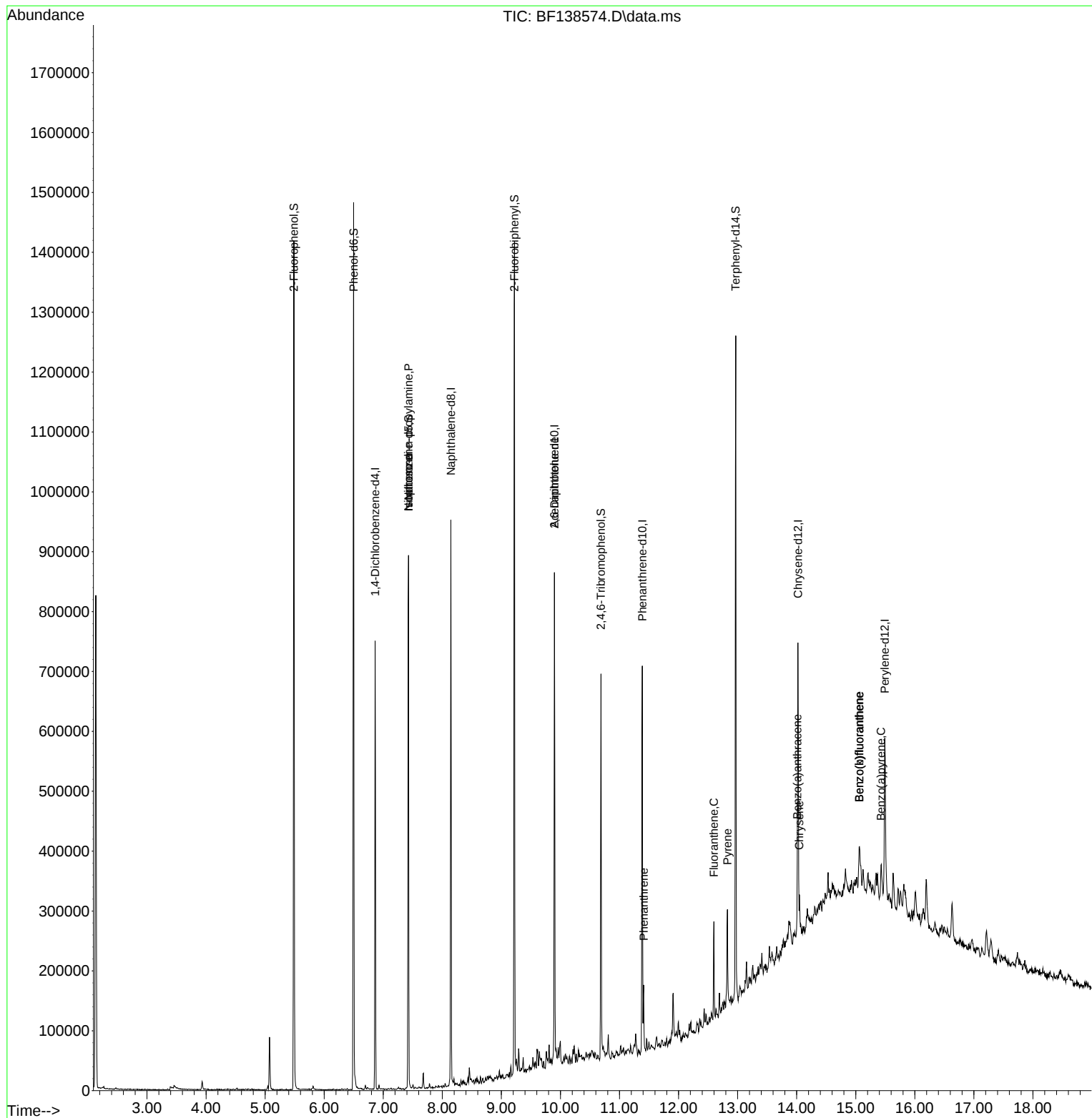
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	93624	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	339896	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	150968	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	227792	20.000	ng	0.00
76) Chrysene-d12	14.021	240	146633	20.000	ng	0.00
86) Perylene-d12	15.492	264	120086	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	312143	52.803	ng	0.00
7) Phenol-d6	6.498	99	401847	51.099	ng	0.00
23) Nitrobenzene-d5	7.428	82	257413	37.183	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	64649	45.820	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	415449	43.010	ng	0.00
79) Terphenyl-d14	12.968	244	355451	39.491	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.428	70	35498	7.305	ng	# 72
25) Isophorone	7.428	82	257410	21.652	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	19417	8.639	ng	# 25
71) Phenanthrene	11.410	178	35478	3.083	ng	98
75) Fluoranthene	12.598	202	62135	5.291	ng	98
78) Pyrene	12.827	202	62168	4.176	ng	96
81) Benzo(a)anthracene	14.009	228	28052	2.851	ng	# 85
83) Chrysene	14.045	228	27539	2.959	ng	# 92
88) Benzo(b)fluoranthene	15.062	252	35490	5.248	ng	# 83
89) Benzo(k)fluoranthene	15.062	252	35490	5.381	ng	# 84
90) Benzo(a)pyrene	15.427	252	18443	3.104	ng	# 85

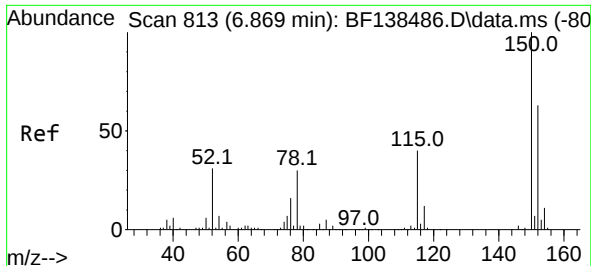
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071524\
Data File : BF138574.D
Acq On : 15 Jul 2024 18:14
Operator : CG\JU
Sample : P3228-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024

Quant Time: Jul 15 19:00:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

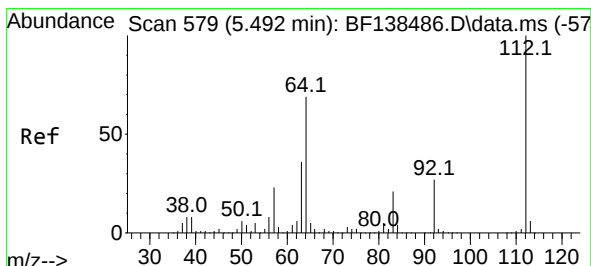
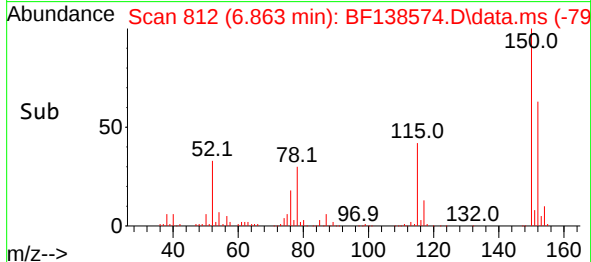
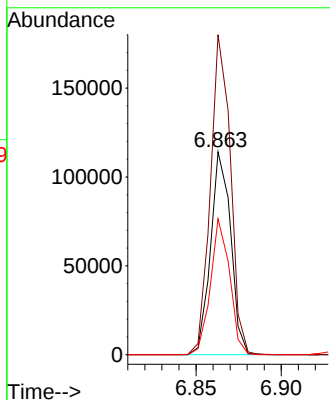
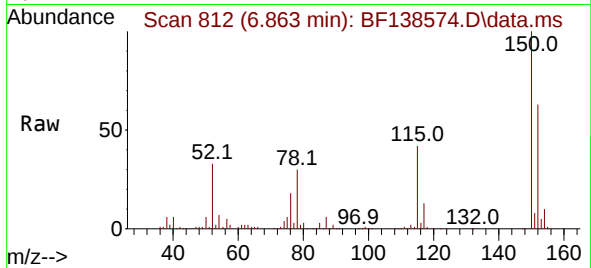




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138574.D
Acq: 15 Jul 2024 18:14

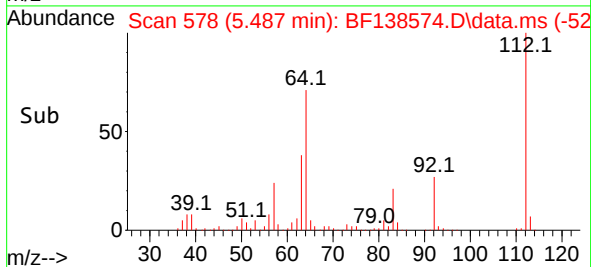
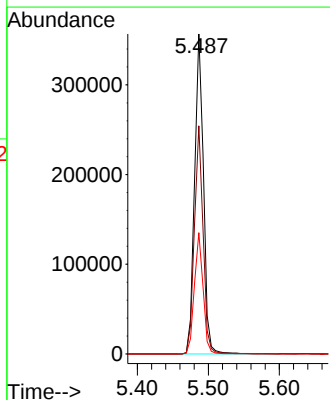
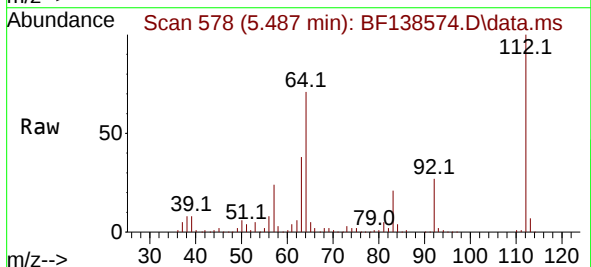
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024

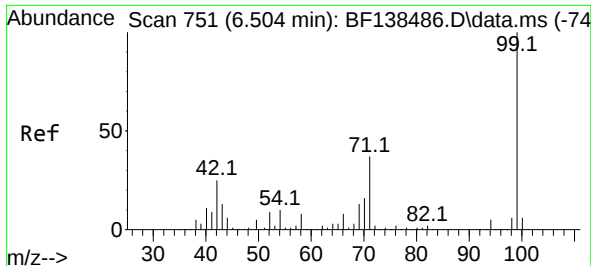
Tgt Ion:152 Resp: 93624
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.4
115 66.9 50.3 75.5



#5
2-Fluorophenol
Concen: 52.803 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF138574.D
Acq: 15 Jul 2024 18:14

Tgt Ion:112 Resp: 312143
Ion Ratio Lower Upper
112 100
64 71.3 55.1 82.7
63 37.9 29.0 43.6

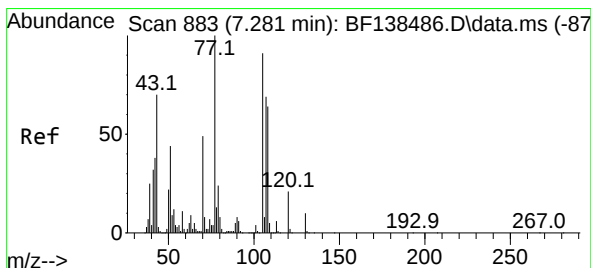
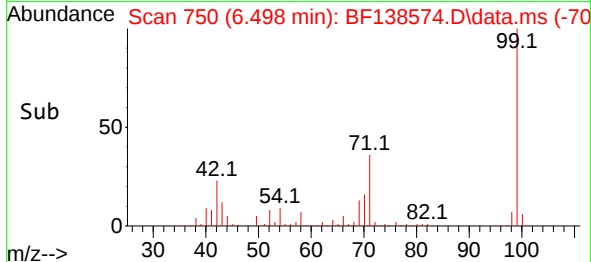
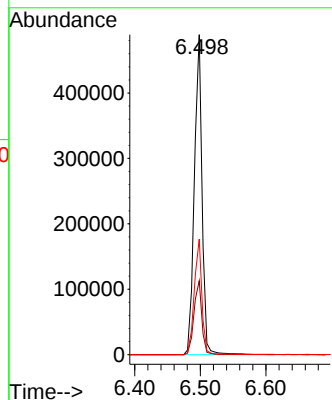
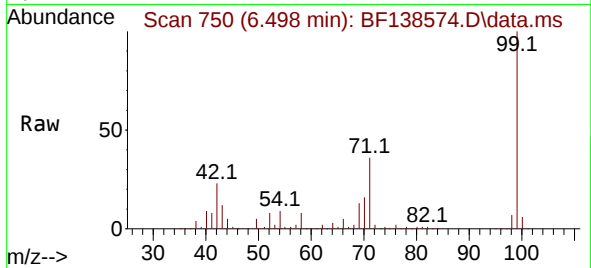




#7
Phenol-d6
Concen: 51.099 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138574.D
Acq: 15 Jul 2024 18:14

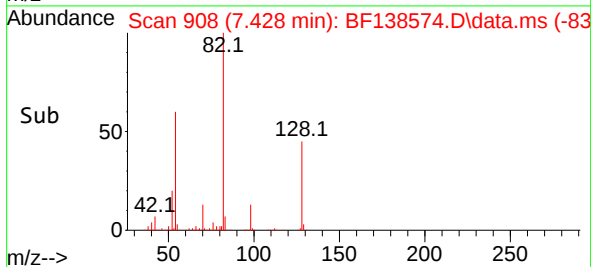
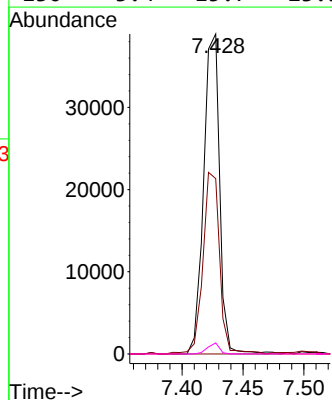
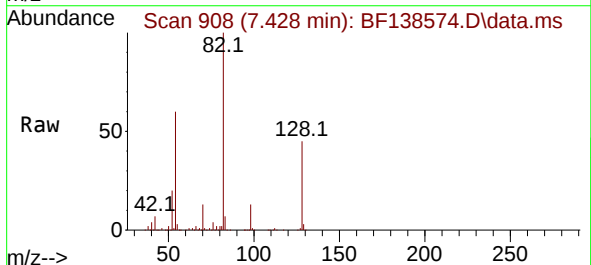
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024

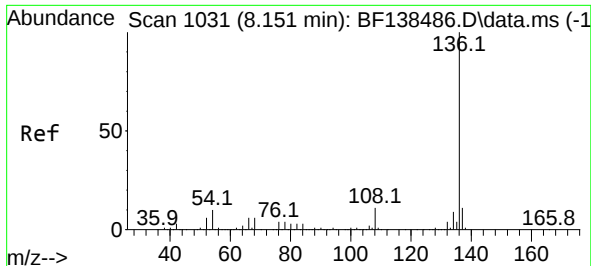
Tgt Ion: 99 Resp: 401847
Ion Ratio Lower Upper
99 100
42 23.1 19.7 29.5
71 36.1 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 7.305 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138574.D
Acq: 15 Jul 2024 18:14

Tgt Ion: 70 Resp: 35498
Ion Ratio Lower Upper
70 100
42 54.8 62.4 93.6#
101 0.0 7.2 10.8#
130 3.4 15.7 23.5#

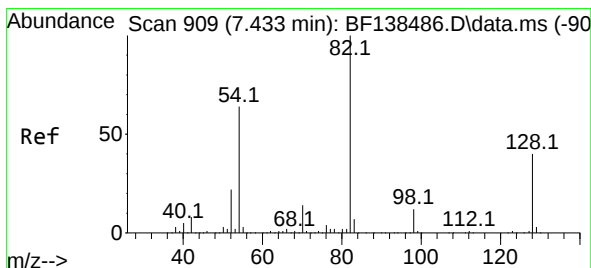
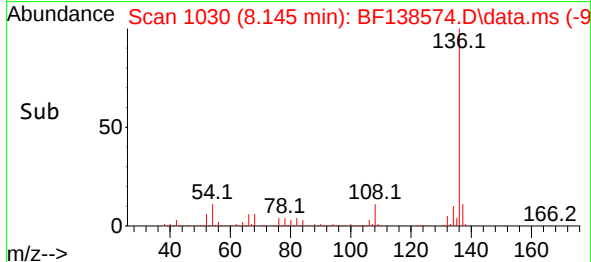
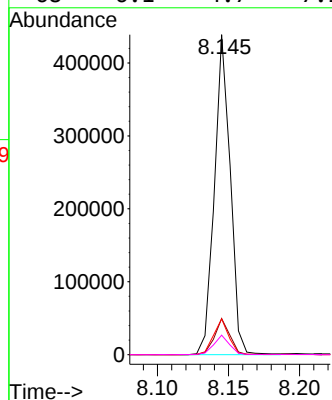
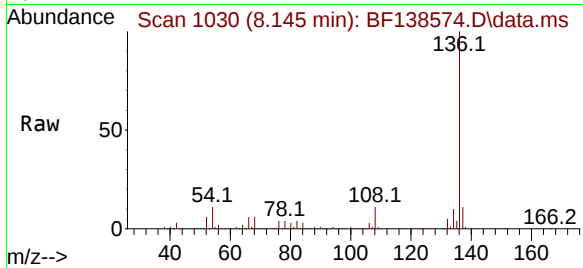




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138574.D
Acq: 15 Jul 2024 18:14

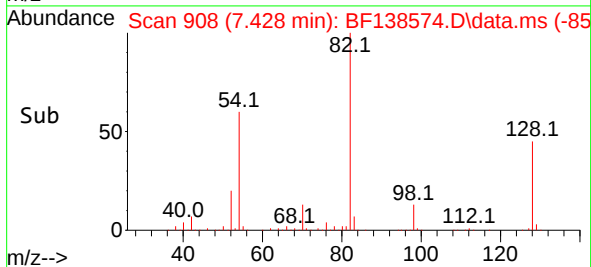
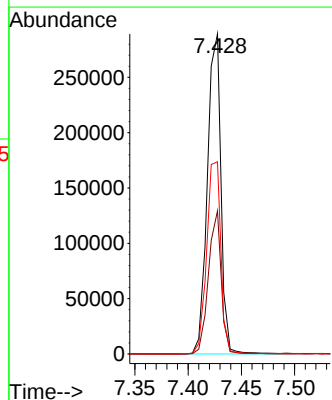
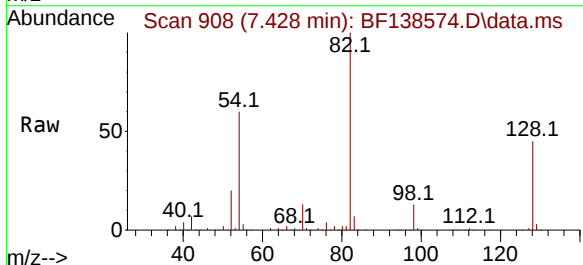
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024

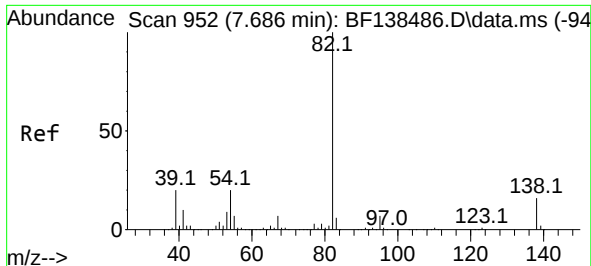
Tgt Ion:	136	Resp:	339896
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	11.2	8.1	12.1
68	6.1	4.7	7.1



#23
Nitrobenzene-d5
Concen: 37.183 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138574.D
Acq: 15 Jul 2024 18:14

Tgt Ion:	82	Resp:	257413
Ion	Ratio	Lower	Upper
82	100		
128	44.7	32.3	48.5
54	60.0	51.4	77.0

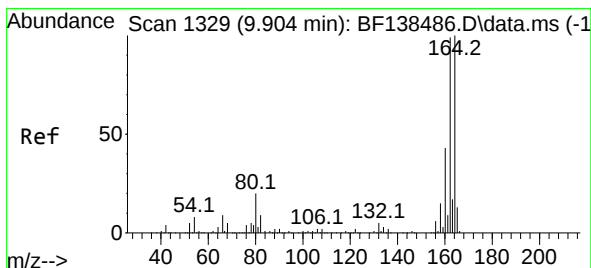
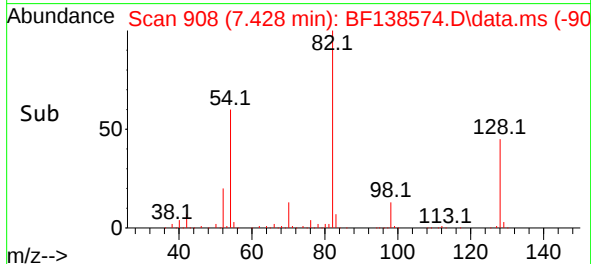
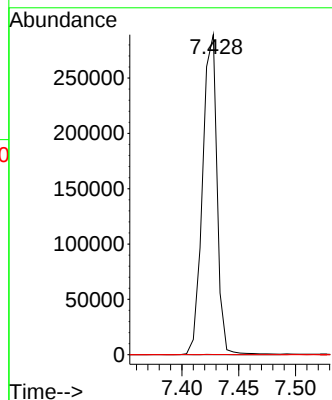
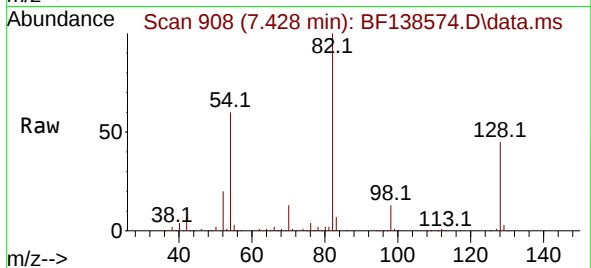




#25
Isophorone
Concen: 21.652 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138574.D
Acq: 15 Jul 2024 18:14

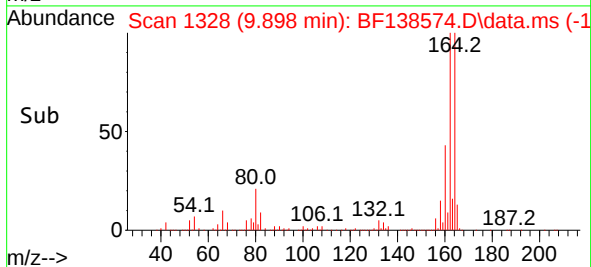
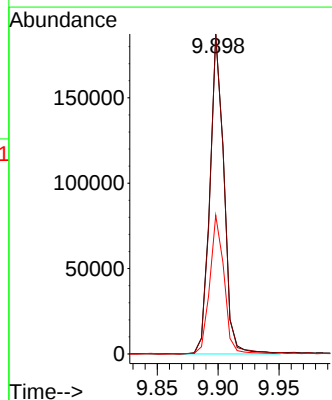
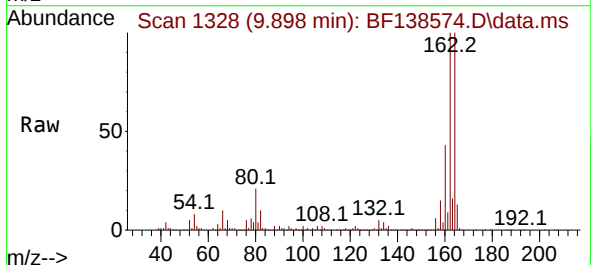
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024

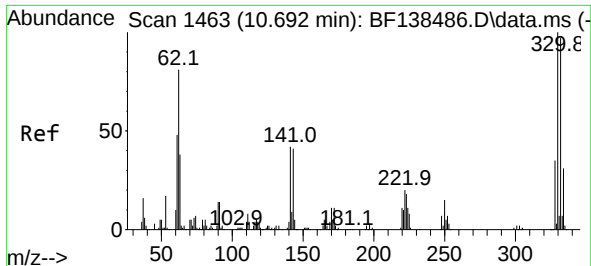
Tgt Ion: 82 Resp: 257410
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138574.D
Acq: 15 Jul 2024 18:14

Tgt Ion: 164 Resp: 150968
Ion Ratio Lower Upper
164 100
162 100.1 79.0 118.6
160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 45.820 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF138574.D

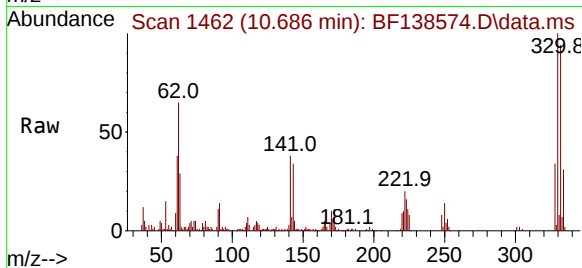
Acq: 15 Jul 2024 18:14

Instrument :

BNA_F

ClientSampleId :

PAT-DIS-01-07112024



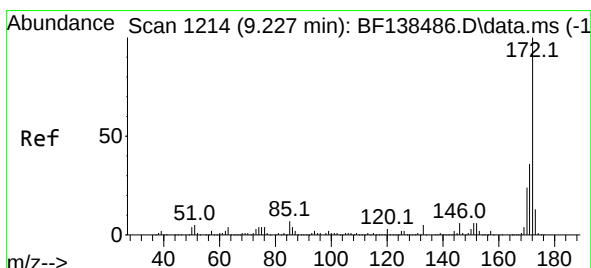
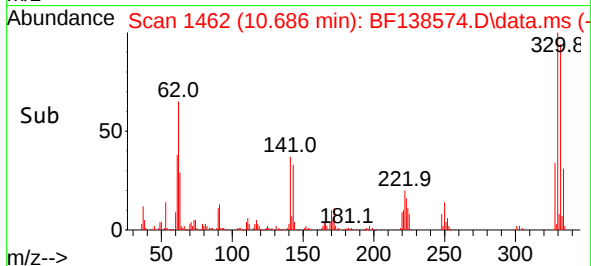
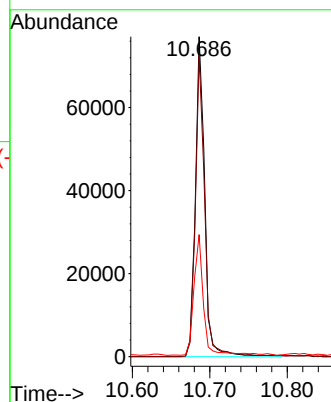
Tgt Ion:330 Resp: 64649

Ion Ratio Lower Upper

330 100

332 93.3 76.8 115.2

141 39.3 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 43.010 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF138574.D

Acq: 15 Jul 2024 18:14

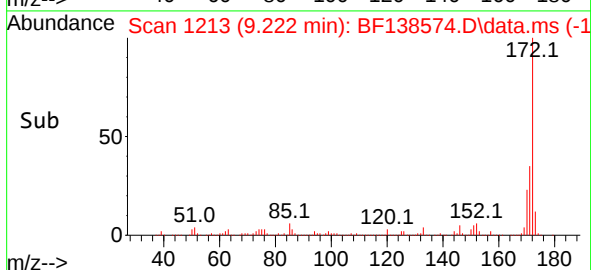
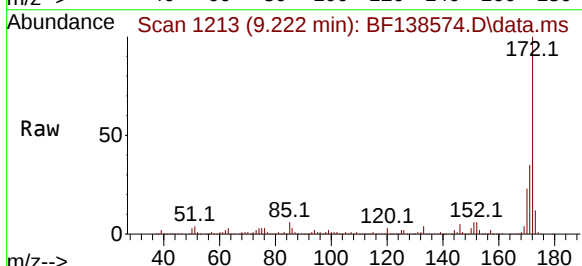
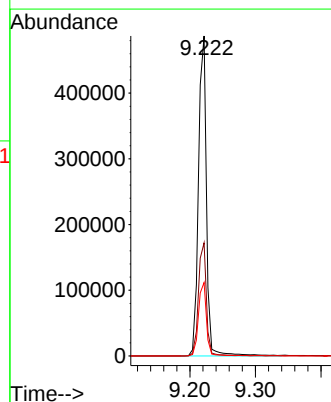
Tgt Ion:172 Resp: 415449

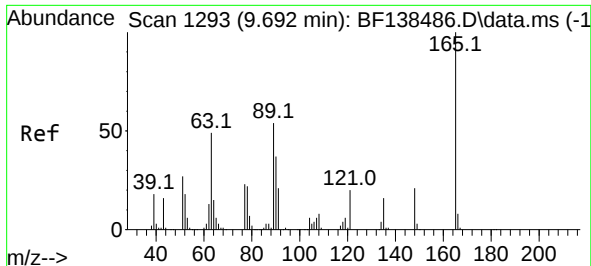
Ion Ratio Lower Upper

172 100

171 35.4 28.9 43.3

170 22.9 18.9 28.3

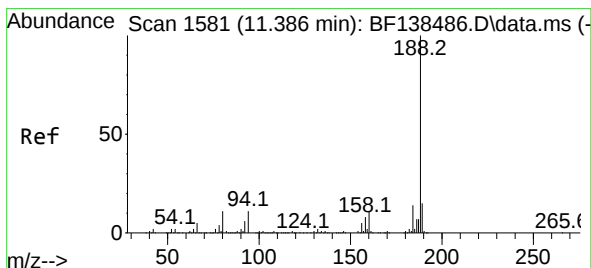
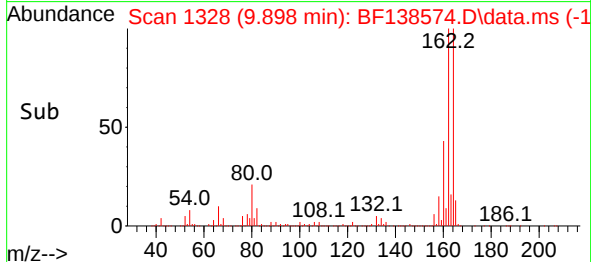
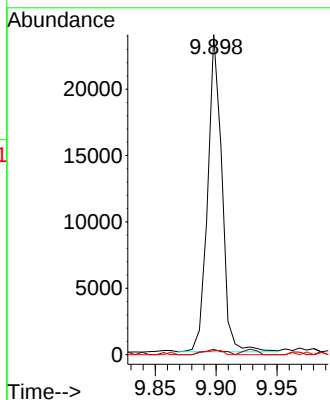
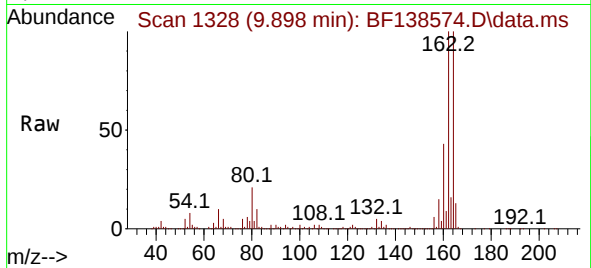




#51
2,6-Dinitrotoluene
Concen: 8.639 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138574.D
Acq: 15 Jul 2024 18:14

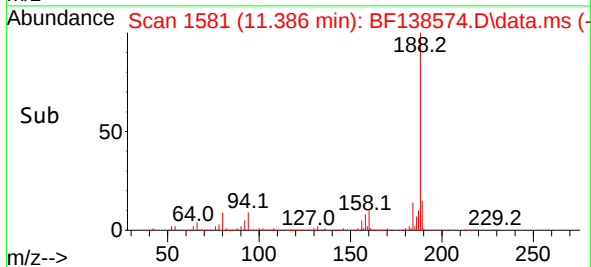
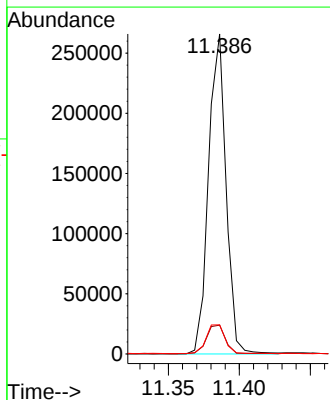
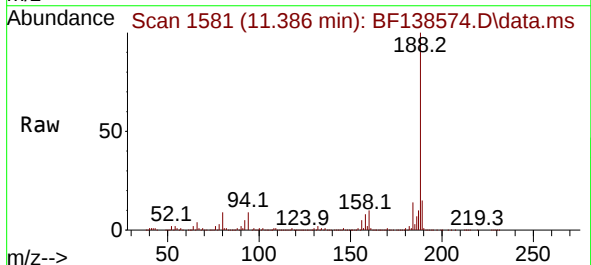
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024

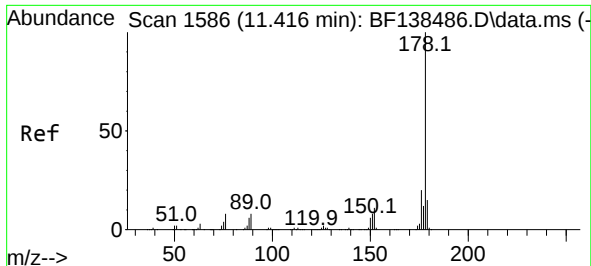
Tgt Ion:165 Resp: 19417
Ion Ratio Lower Upper
165 100
63 1.7 48.1 72.1#
89 1.2 43.0 64.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF138574.D
Acq: 15 Jul 2024 18:14

Tgt Ion:188 Resp: 227792
Ion Ratio Lower Upper
188 100
94 9.0 8.7 13.1
80 9.1 9.0 13.4

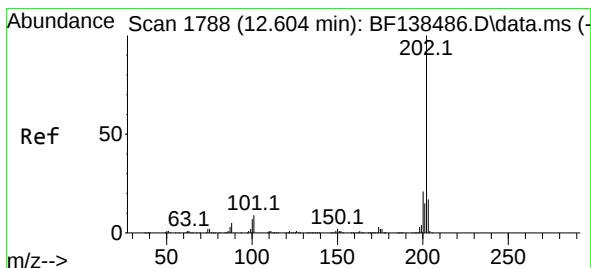
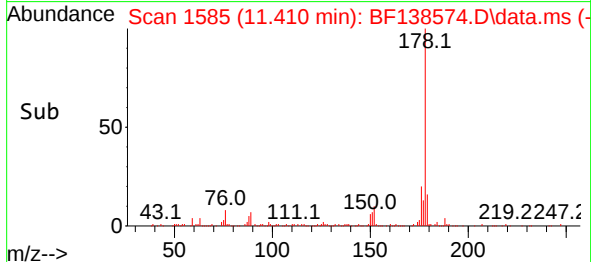
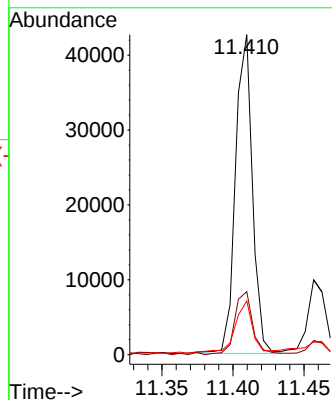
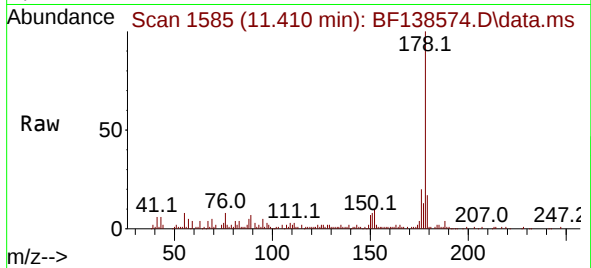




#71
Phenanthrene
Concen: 3.083 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138574.D
Acq: 15 Jul 2024 18:14

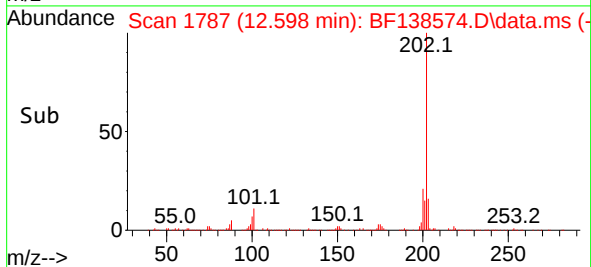
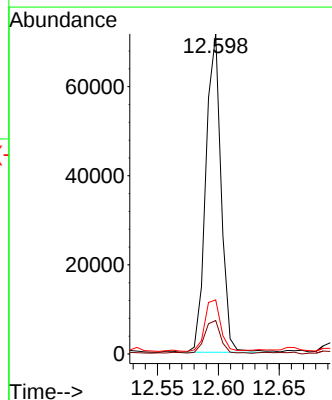
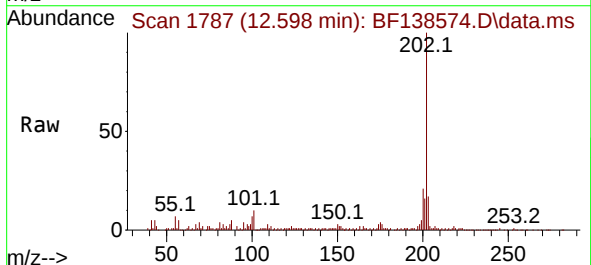
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024

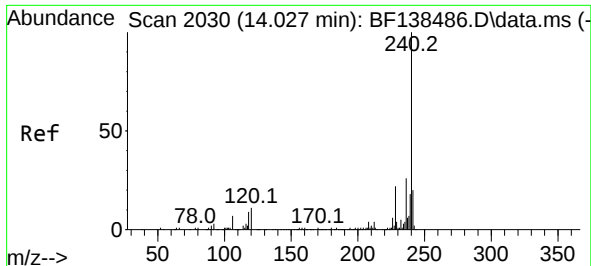
Tgt Ion:178 Resp: 35478
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 16.8 12.2 18.2



#75
Fluoranthene
Concen: 5.291 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.006 min
Lab File: BF138574.D
Acq: 15 Jul 2024 18:14

Tgt Ion:202 Resp: 62135
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.2
203 16.9 0.0 37.3

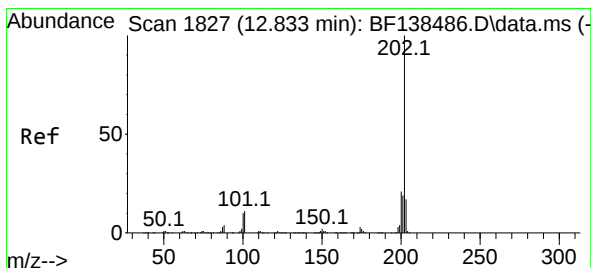
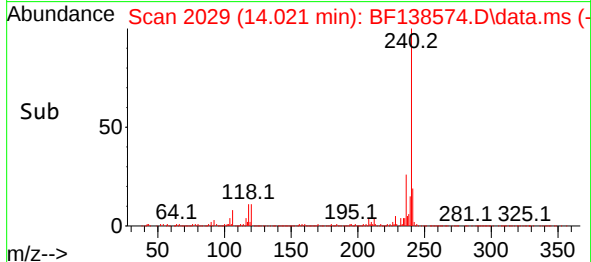
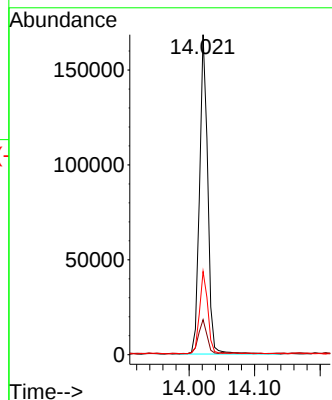
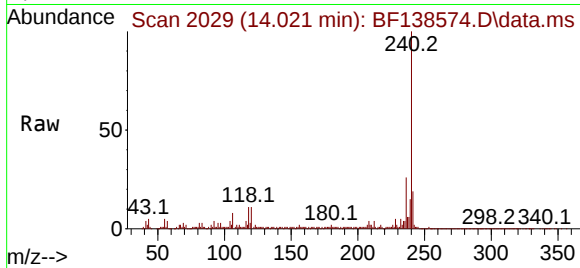




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF138574.D
Acq: 15 Jul 2024 18:14

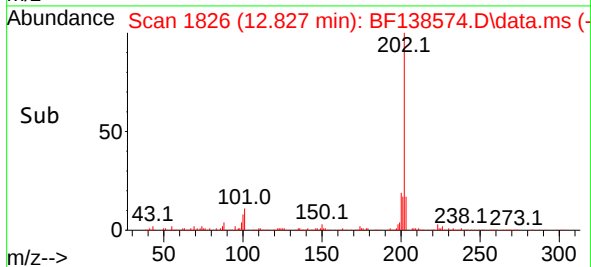
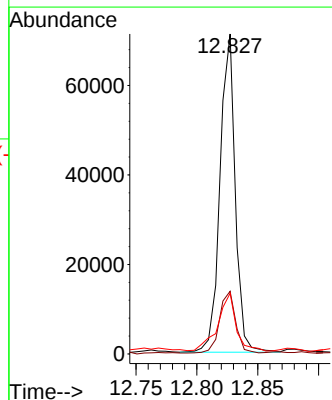
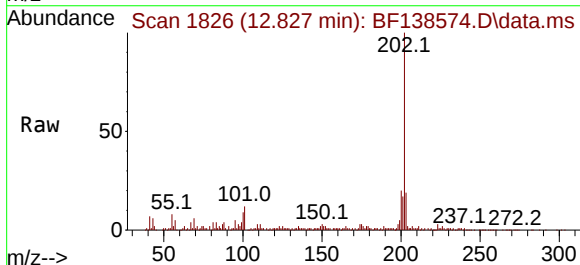
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024

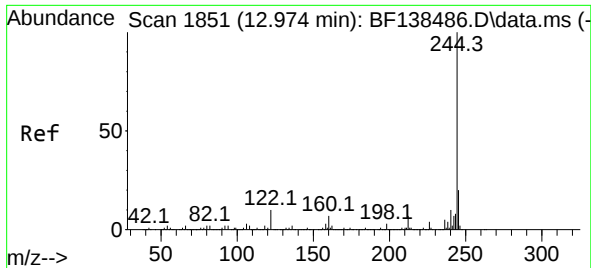
Tgt Ion:240 Resp: 146633
Ion Ratio Lower Upper
240 100
120 11.0 8.6 12.8
236 26.0 21.0 31.6



#78
Pyrene
Concen: 4.176 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF138574.D
Acq: 15 Jul 2024 18:14

Tgt Ion:202 Resp: 62168
Ion Ratio Lower Upper
202 100
200 19.6 17.0 25.6
203 18.9 13.7 20.5

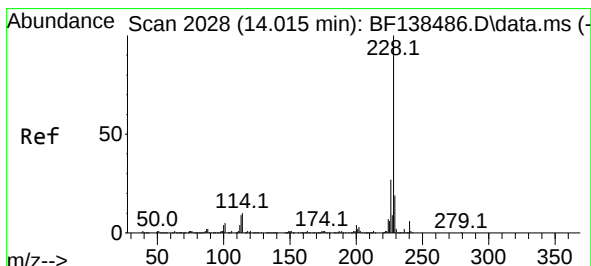
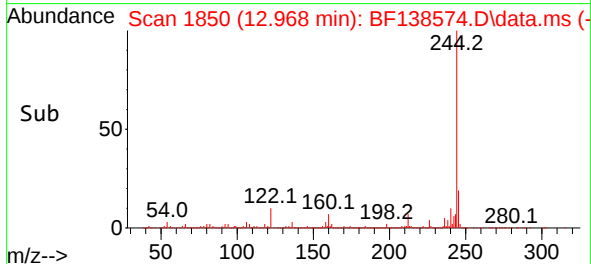
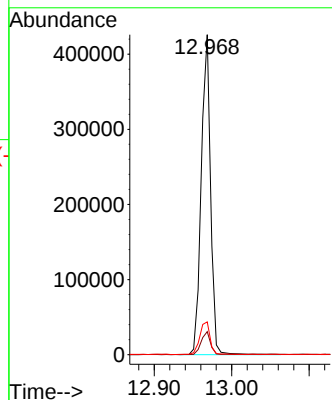
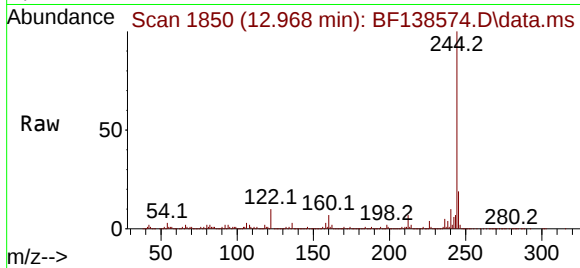




#79
 Terphenyl-d14
 Concen: 39.491 ng
 RT: 12.968 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138574.D
 Acq: 15 Jul 2024 18:14

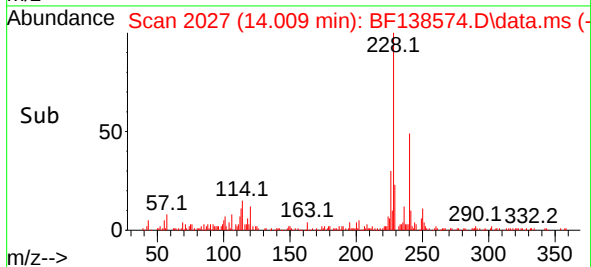
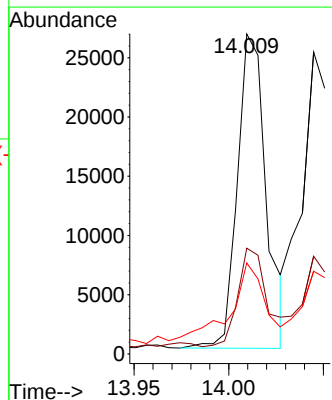
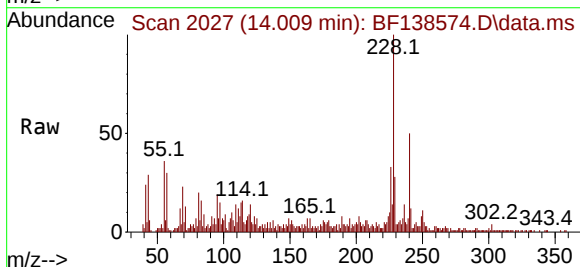
Instrument :
 BNA_F
 ClientSampleId :
 PAT-DIS-01-07112024

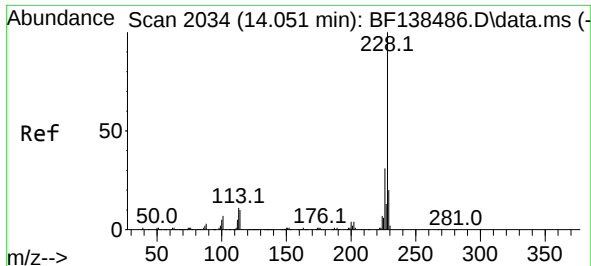
Tgt Ion:244 Resp: 355451
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 10.3 7.8 11.8



#81
 Benzo(a)anthracene
 Concen: 2.851 ng
 RT: 14.009 min Scan# 2027
 Delta R.T. -0.006 min
 Lab File: BF138574.D
 Acq: 15 Jul 2024 18:14

Tgt Ion:228 Resp: 28052
 Ion Ratio Lower Upper
 228 100
 226 33.1 21.9 32.9#
 229 28.5 15.5 23.3#

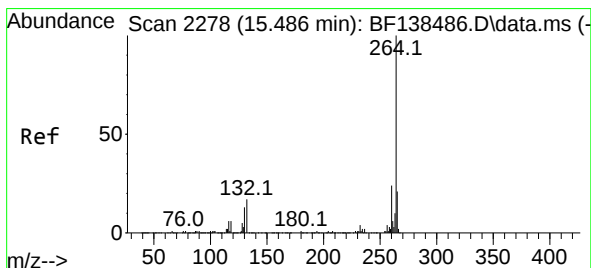
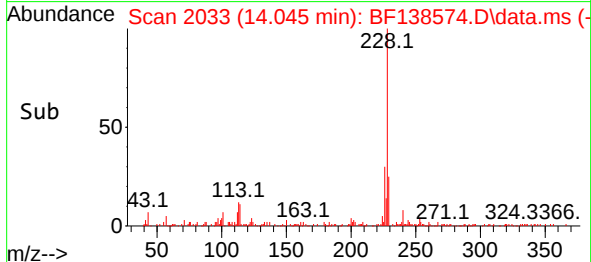
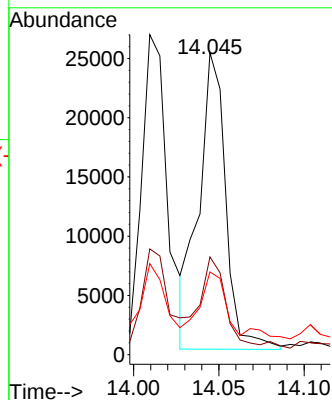
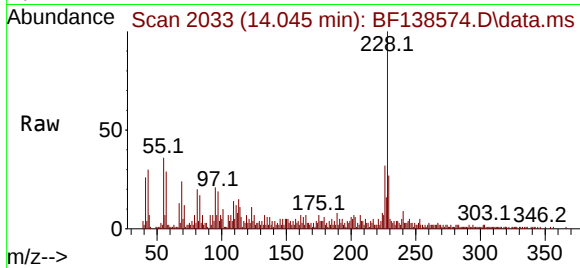




#83
Chrysene
Concen: 2.959 ng
RT: 14.045 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF138574.D
Acq: 15 Jul 2024 18:14

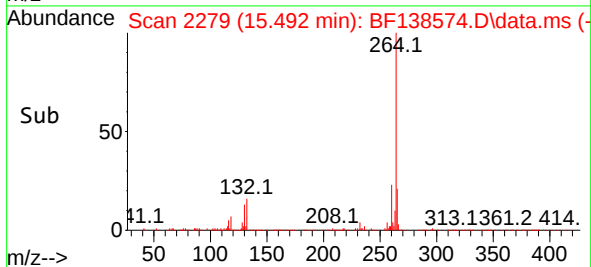
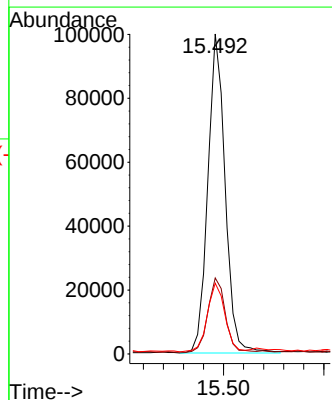
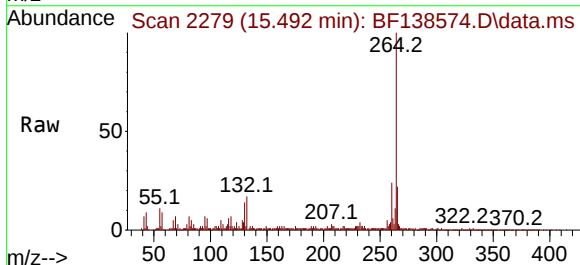
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024

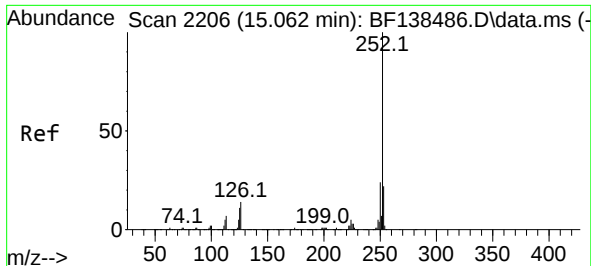
Tgt Ion:228 Resp: 27539
Ion Ratio Lower Upper
228 100
226 32.4 24.4 36.6
229 27.4 16.0 24.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.492 min Scan# 2279
Delta R.T. 0.006 min
Lab File: BF138574.D
Acq: 15 Jul 2024 18:14

Tgt Ion:264 Resp: 120086
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 22.1 17.0 25.4

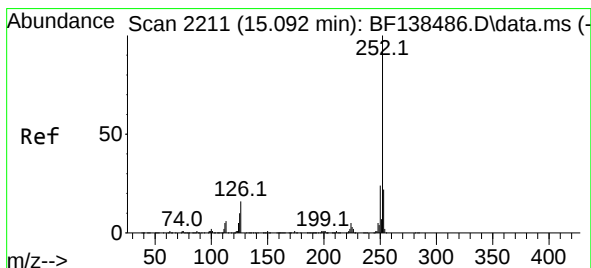
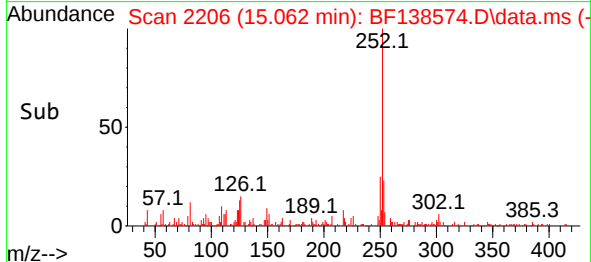
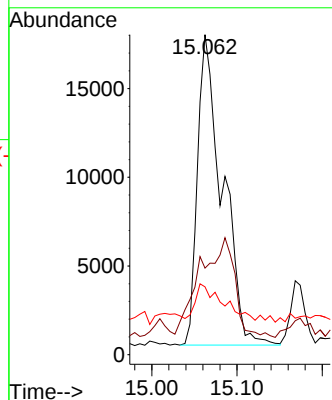
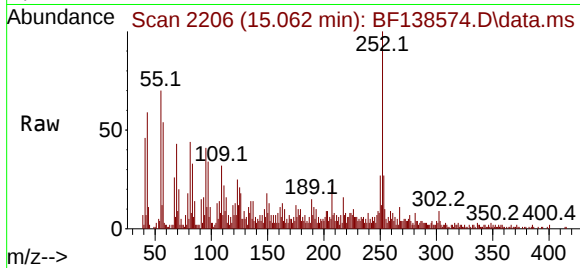




#88
Benzo(b)fluoranthene
Concen: 5.248 ng
RT: 15.062 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138574.D
Acq: 15 Jul 2024 18:14

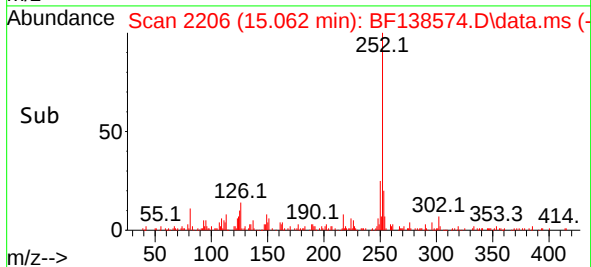
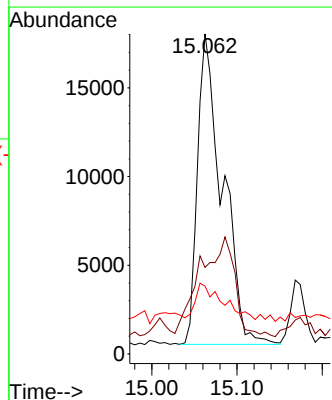
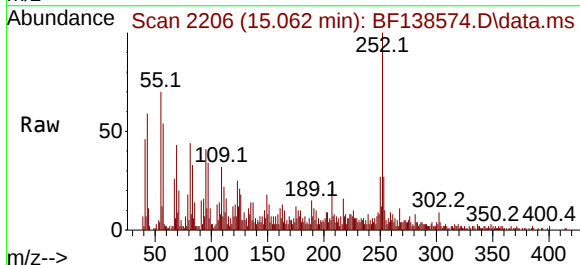
Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024

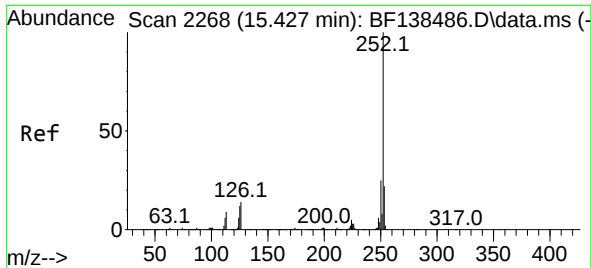
Tgt Ion:252 Resp: 35490
Ion Ratio Lower Upper
252 100
253 27.0 17.3 25.9#
125 21.2 8.6 13.0#



#89
Benzo(k)fluoranthene
Concen: 5.381 ng
RT: 15.062 min Scan# 2206
Delta R.T. -0.029 min
Lab File: BF138574.D
Acq: 15 Jul 2024 18:14

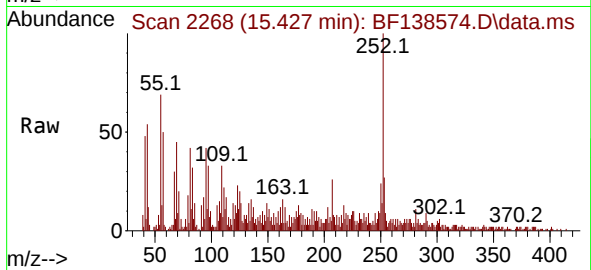
Tgt Ion:252 Resp: 35490
Ion Ratio Lower Upper
252 100
253 27.0 17.7 26.5#
125 21.2 8.1 12.1#





#90
Benzo(a)pyrene
Concen: 3.104 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138574.D
Acq: 15 Jul 2024 18:14

Instrument :
BNA_F
ClientSampleId :
PAT-DIS-01-07112024



Tgt Ion:252 Resp: 18443
Ion Ratio Lower Upper
252 100
253 26.9 17.4 26.0#
125 20.0 9.4 14.2#

