

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
 Data File : BF138551.D
 Acq On : 12 Jul 2024 17:35
 Operator : CG\JU
 Sample : P3207-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24849

Quant Time: Jul 12 18:32:08 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)

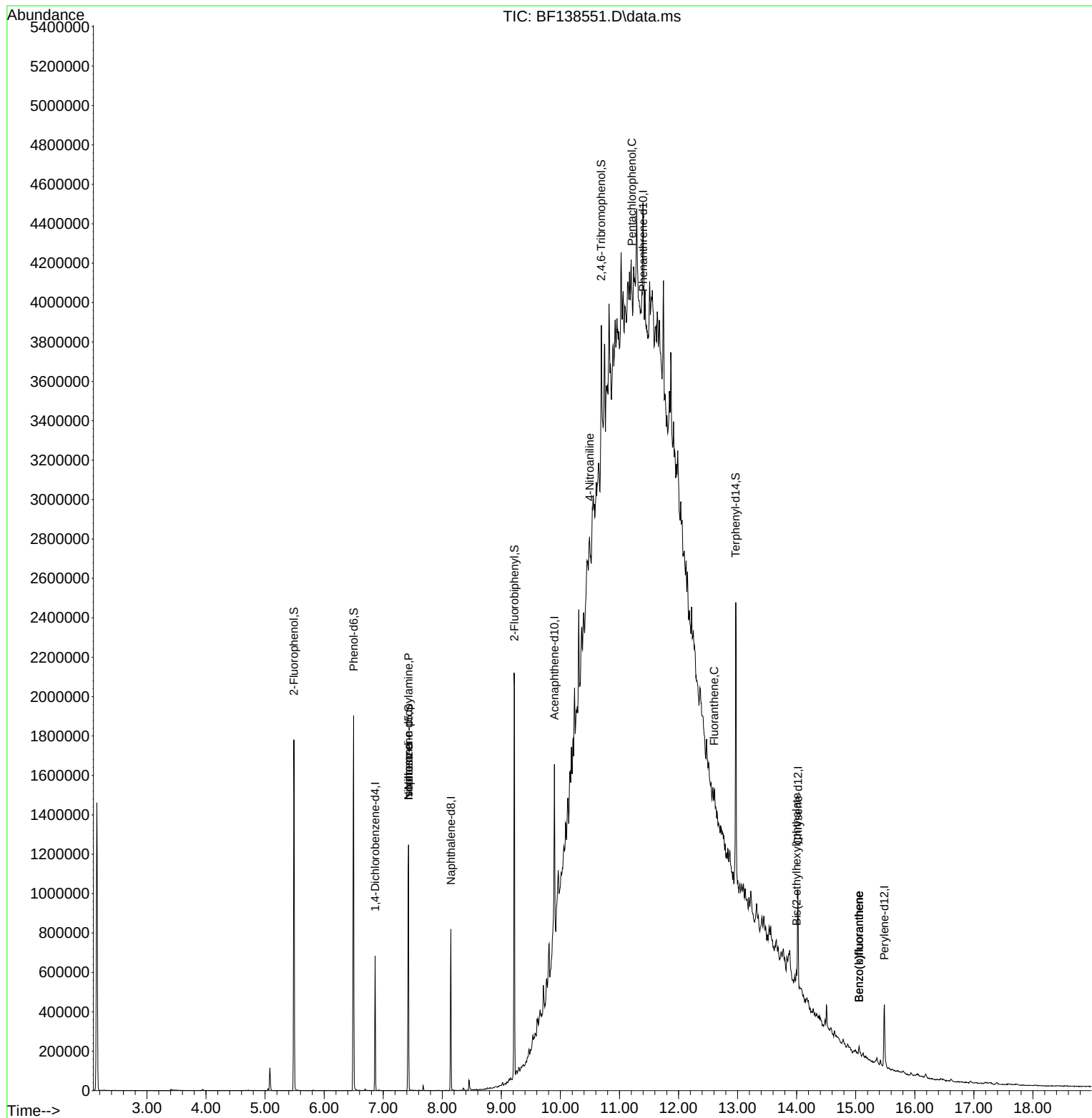
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	80296	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	307518	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	137870	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	158714	20.000	ng	# 0.01
76) Chrysene-d12	14.022	240	158536	20.000	ng	0.00
86) Perylene-d12	15.486	264	146432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	415386	81.931	ng	0.00
7) Phenol-d6	6.498	99	550602	81.636	ng	0.00
23) Nitrobenzene-d5	7.428	82	368782	58.879	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	86352	67.016	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	620369	70.326	ng	0.00
79) Terphenyl-d14	12.969	244	469917	48.289	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	48311	11.592	ng	# 74
25) Isophorone	7.428	82	368779	34.285	ng	# 67
62) 4-Nitroaniline	10.498	138	6856	3.252	ng	# 76
70) Pentachlorophenol	11.210	266	2459	2.293	ng	# 1
75) Fluoranthene	12.604	202	16439	2.009	ng	# 80
84) Bis(2-ethylhexyl)phtha...	13.998	149	18915	3.663	ng	# 97
88) Benzo(b)fluoranthene	15.057	252	26623	3.228	ng	# 83
89) Benzo(k)fluoranthene	15.057	252	26623	3.310	ng	# 84

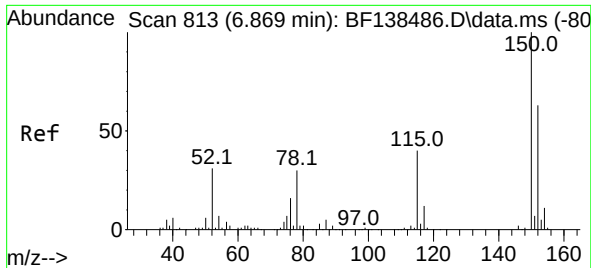
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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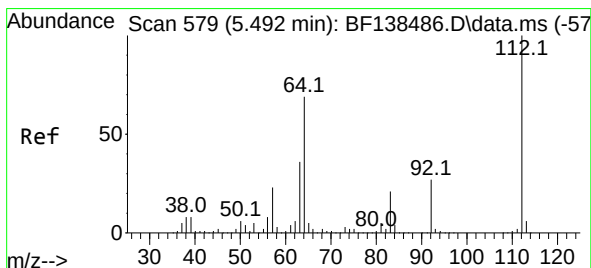
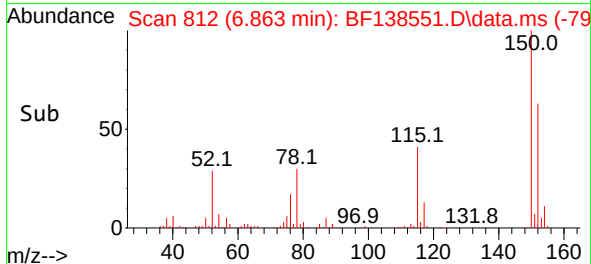
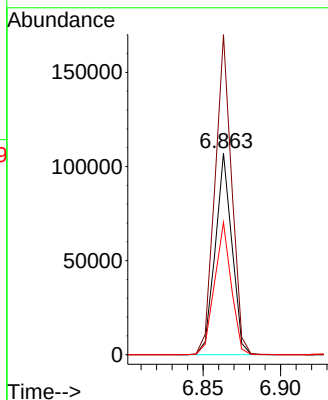
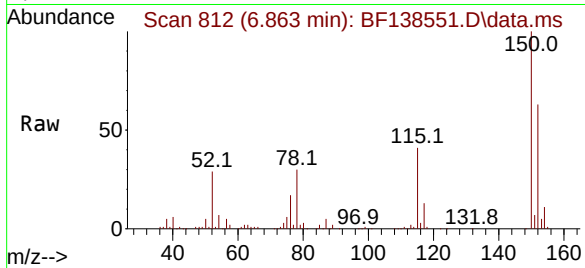




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

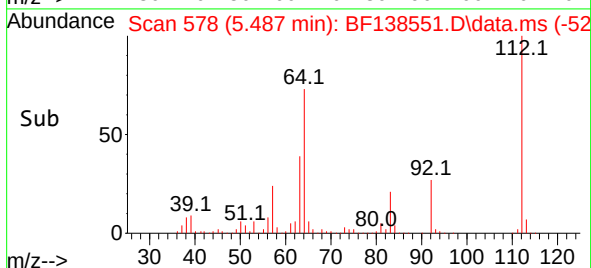
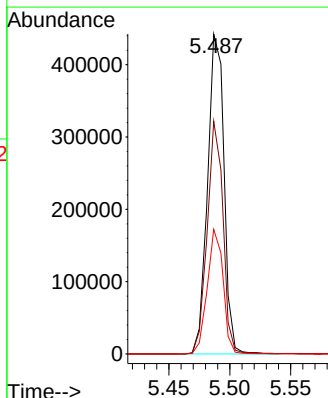
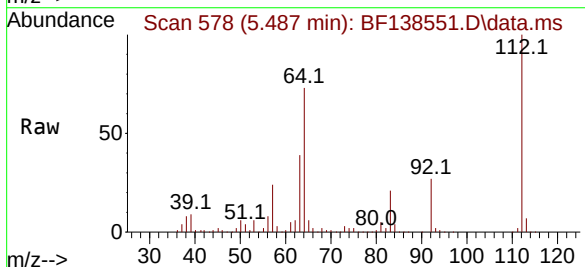
Instrument :
BNA_F
ClientSampleId :
CHRT-24849

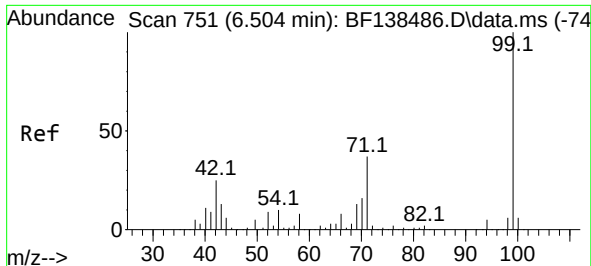
Tgt Ion:152 Resp: 80296
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.4
115 65.6 50.3 75.5



#5
2-Fluorophenol
Concen: 81.931 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

Tgt Ion:112 Resp: 415386
Ion Ratio Lower Upper
112 100
64 72.7 55.1 82.7
63 39.0 29.0 43.6

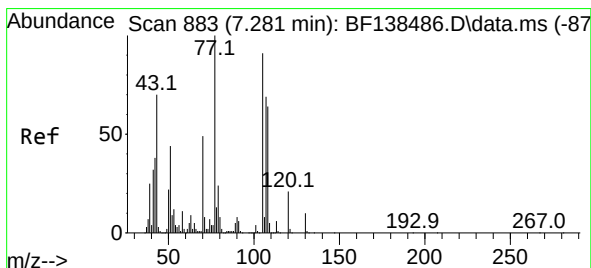
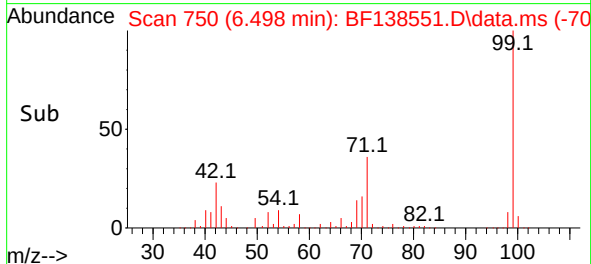
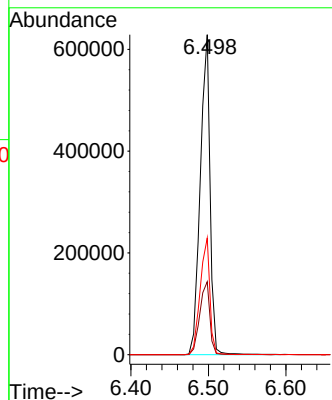
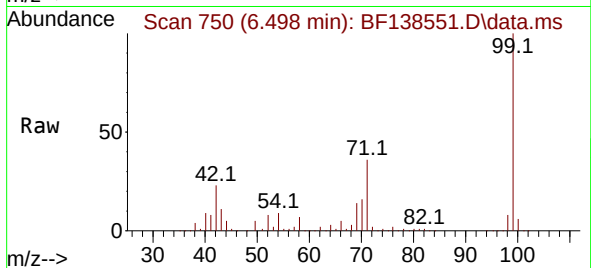




#7
Phenol-d6
Concen: 81.636 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

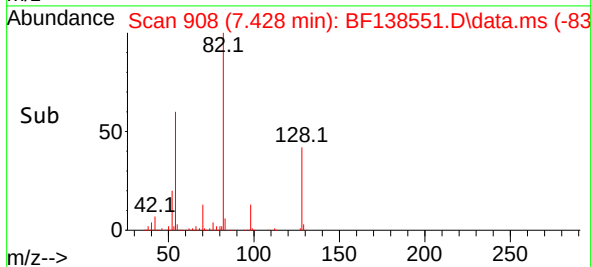
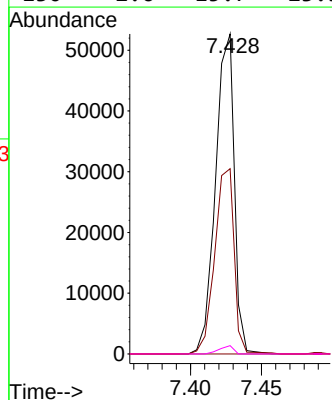
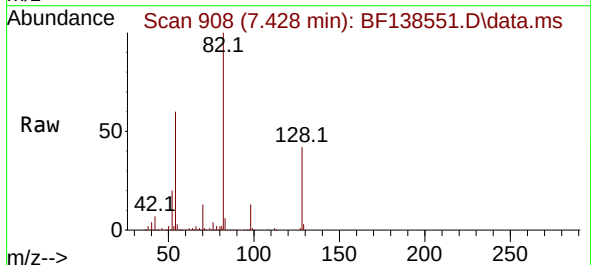
Instrument :
BNA_F
ClientSampleId :
CHRT-24849

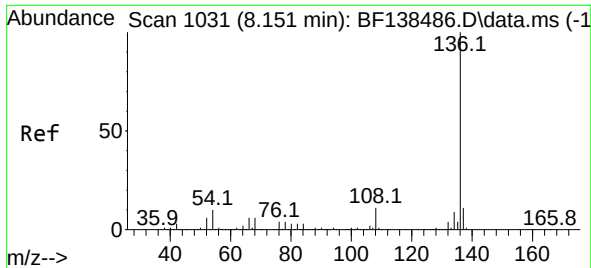
Tgt Ion: 99 Resp: 550602
Ion Ratio Lower Upper
99 100
42 22.8 19.7 29.5
71 36.4 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.592 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

Tgt Ion: 70 Resp: 48311
Ion Ratio Lower Upper
70 100
42 57.9 62.4 93.6#
101 0.0 7.2 10.8#
130 2.6 15.7 23.5#



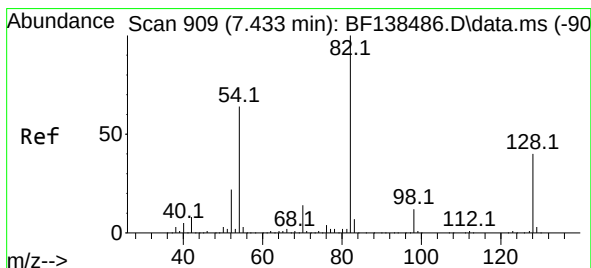
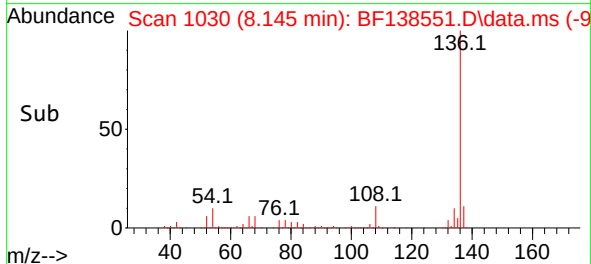
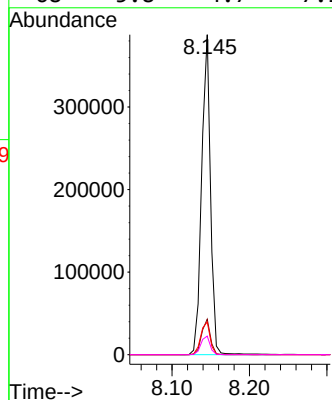
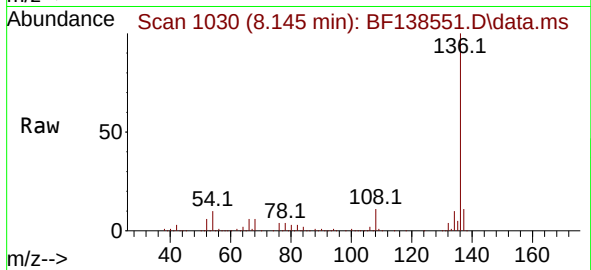


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

Instrument :
BNA_F
ClientSampleId :
CHRT-24849

Tgt Ion:136 Resp: 307518

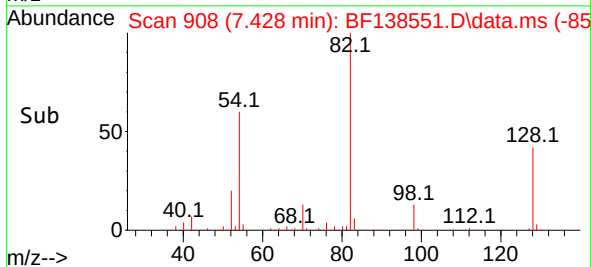
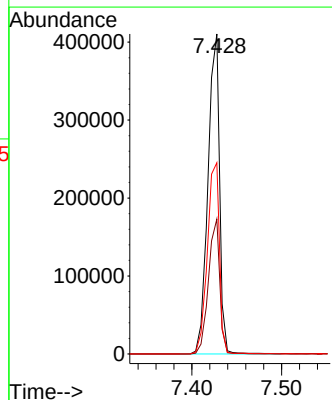
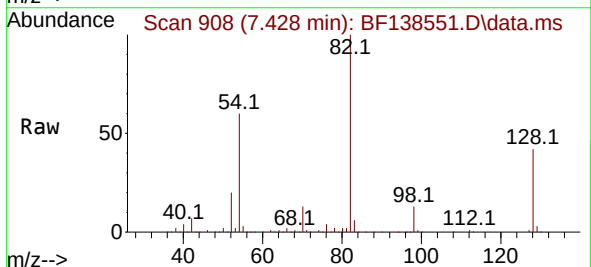
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.2	8.1	12.1
68	5.8	4.7	7.1

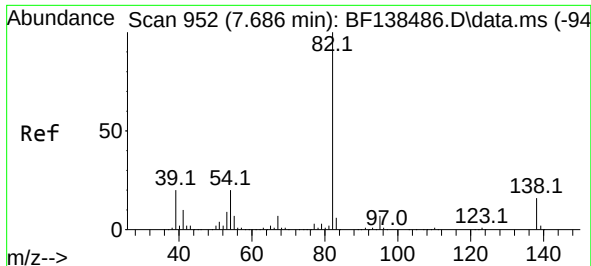


#23
Nitrobenzene-d5
Concen: 58.879 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

Tgt Ion: 82 Resp: 368782

Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.3	48.5
54	59.7	51.4	77.0

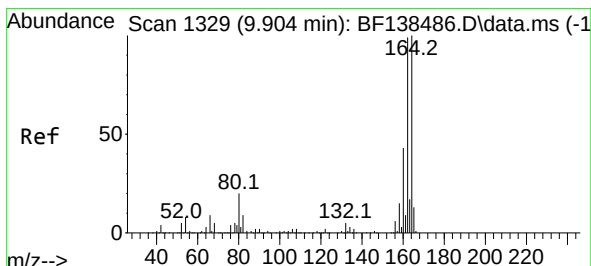
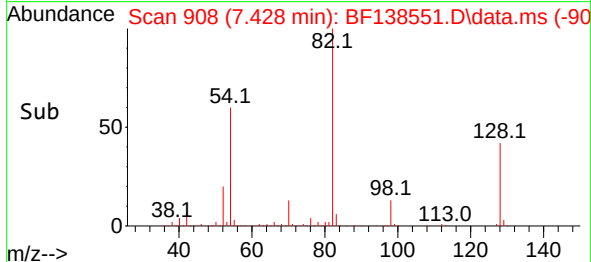
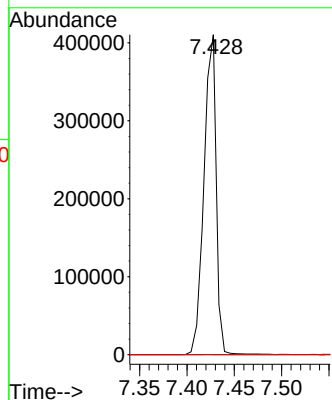
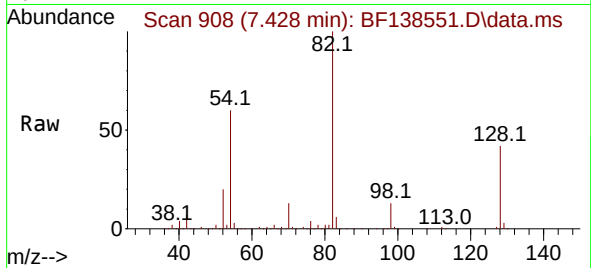




#25
Isophorone
Concen: 34.285 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

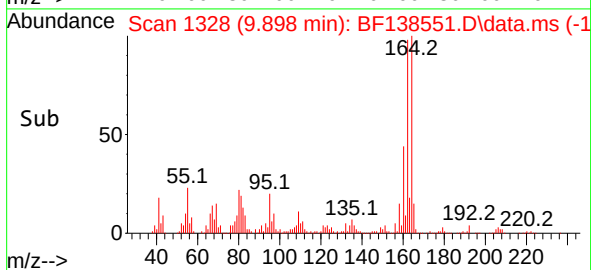
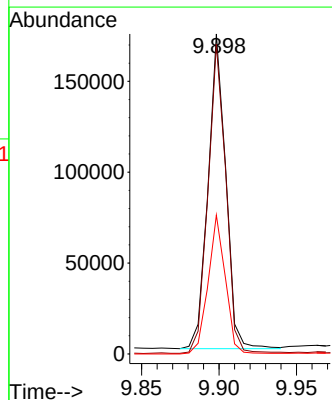
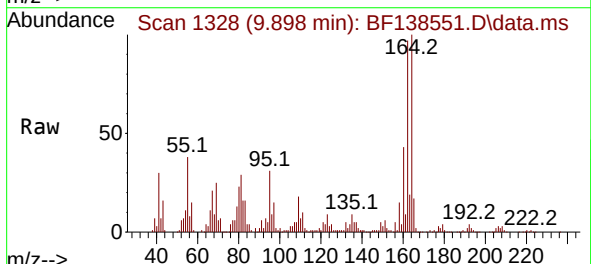
Instrument :
BNA_F
ClientSampleId :
CHRT-24849

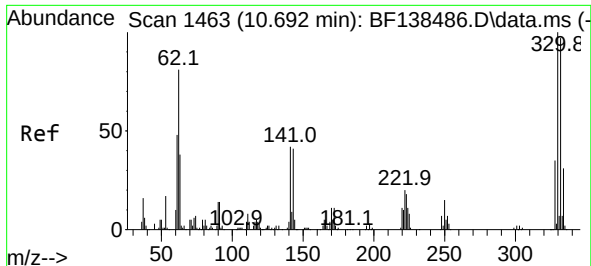
Tgt Ion: 82 Resp: 368779
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

Tgt Ion: 164 Resp: 137870
Ion Ratio Lower Upper
164 100
162 96.8 79.0 118.6
160 43.4 34.4 51.6

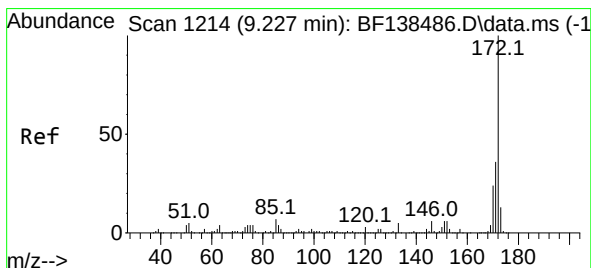
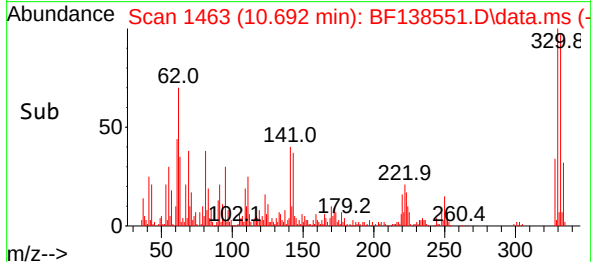
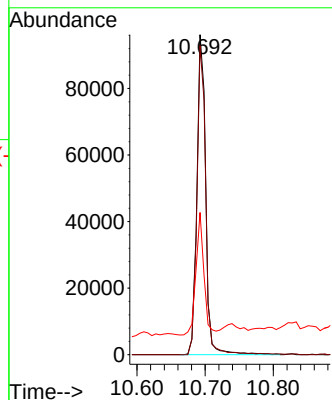
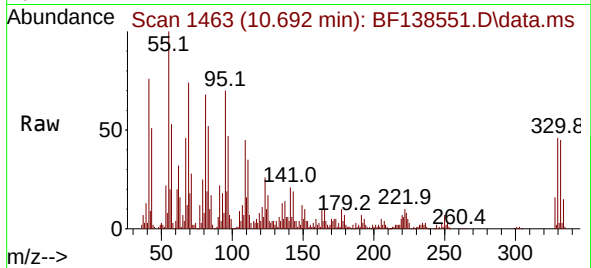




#42
2,4,6-Tribromophenol
Concen: 67.016 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

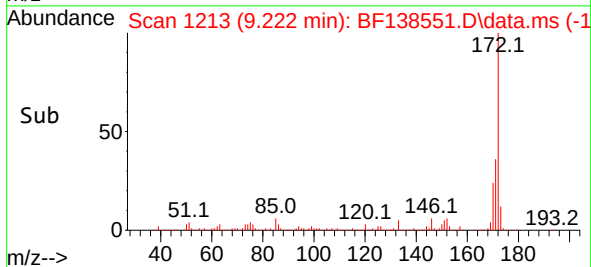
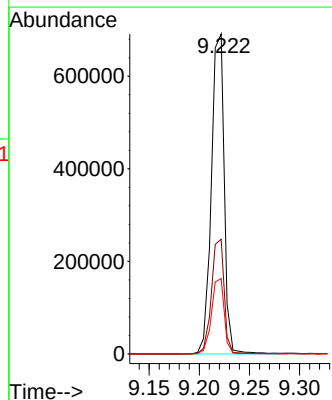
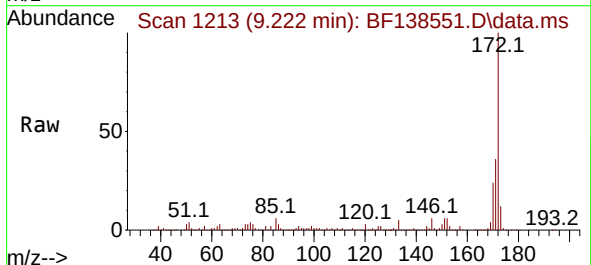
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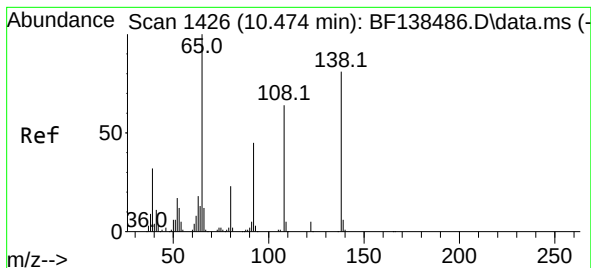
Tgt Ion: 330 Resp: 86352
Ion Ratio Lower Upper
330 100
332 96.6 76.8 115.2
141 34.6 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 70.326 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

Tgt Ion: 172 Resp: 620369
Ion Ratio Lower Upper
172 100
171 35.9 28.9 43.3
170 23.5 18.9 28.3

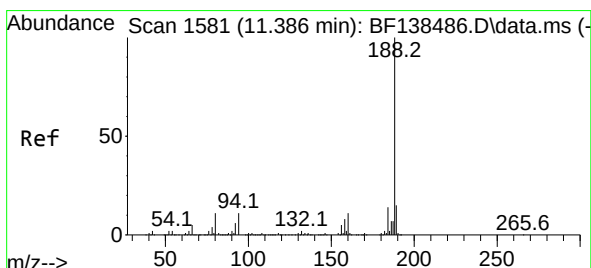
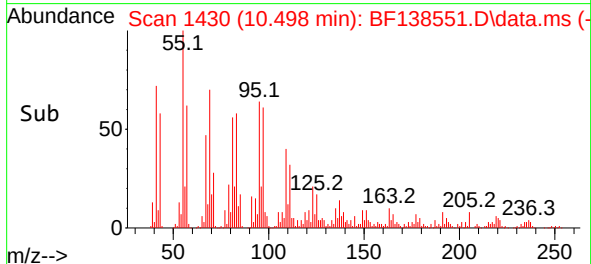
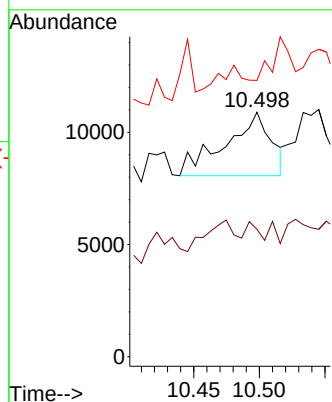
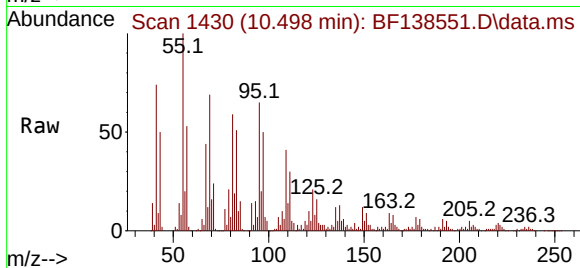




#62
4-Nitroaniline
Concen: 3.252 ng
RT: 10.498 min Scan# 1426
Delta R.T. 0.024 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

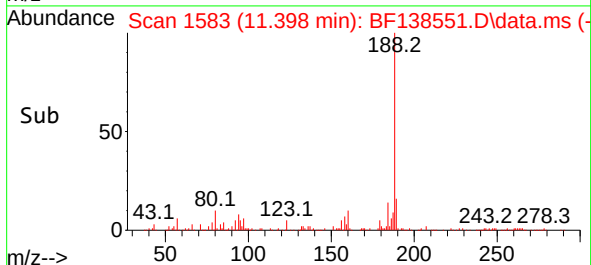
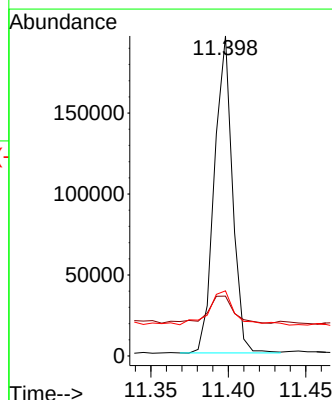
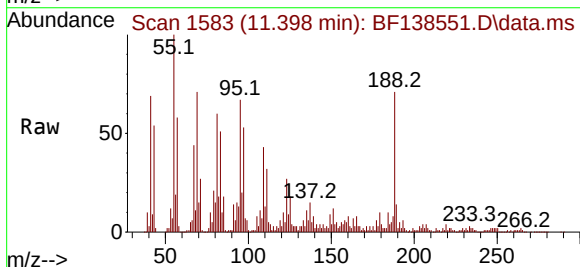
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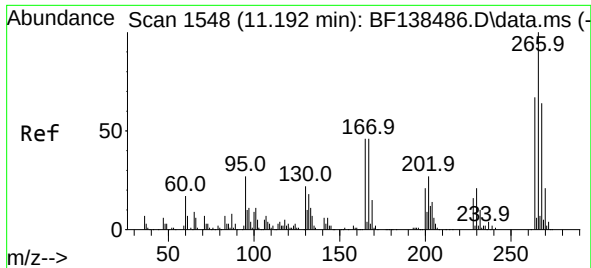
Tgt Ion:138 Resp: 6856
Ion Ratio Lower Upper
138 100
92 52.1 35.8 75.8
108 113.0 59.8 99.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.012 min
Lab File: BF138551.D
Acq: 12 Jul 2024 17:35

Tgt Ion:188 Resp: 158714
Ion Ratio Lower Upper
188 100
94 18.7 8.7 13.1#
80 20.3 9.0 13.4#

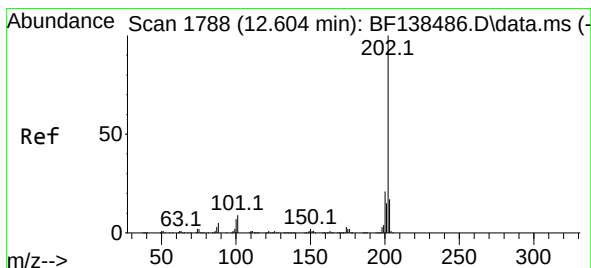
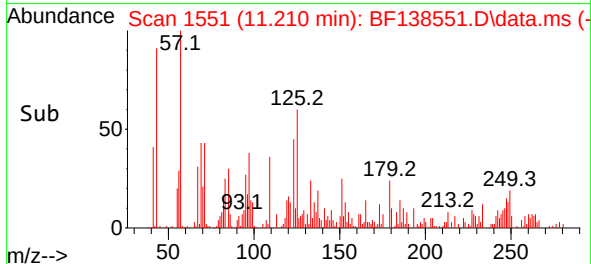
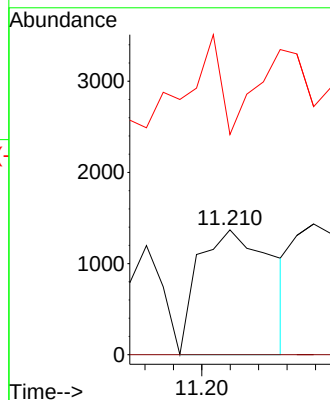
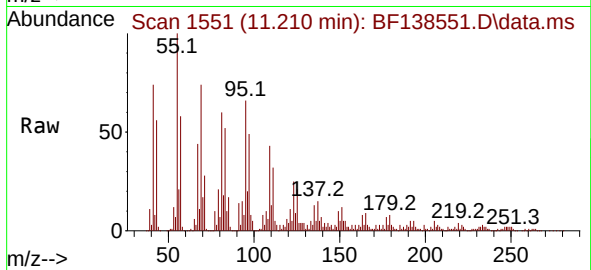




#70
 Pentachlorophenol
 Concen: 2.293 ng
 RT: 11.210 min Scan# 1551
 Delta R.T. 0.018 min
 Lab File: BF138551.D
 Acq: 12 Jul 2024 17:35

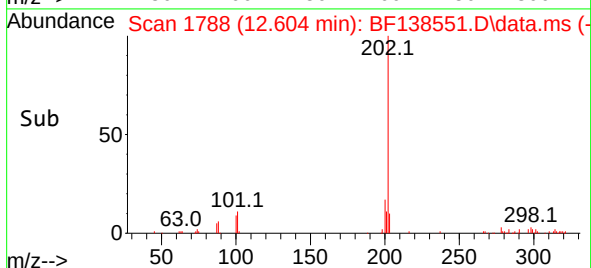
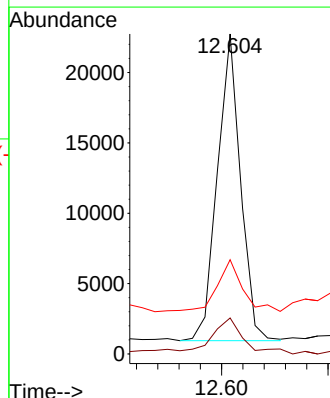
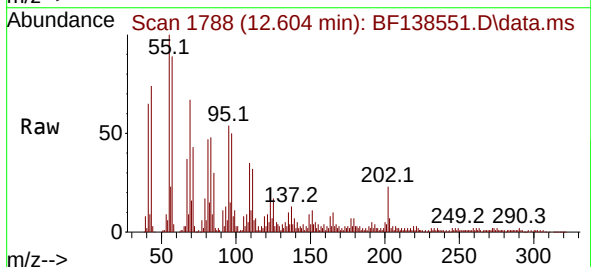
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24849

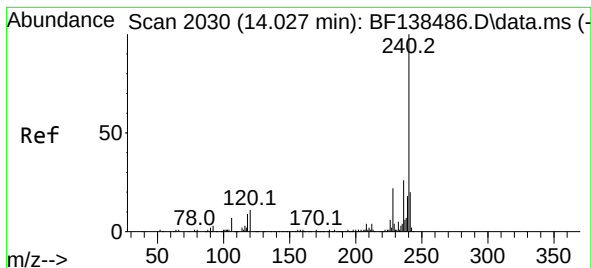
Tgt Ion:266 Resp: 2459
 Ion Ratio Lower Upper
 266 100
 268 0.0 50.9 76.3#
 264 176.3 53.5 80.3#



#75
 Fluoranthene
 Concen: 2.009 ng
 RT: 12.604 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: BF138551.D
 Acq: 12 Jul 2024 17:35

Tgt Ion:202 Resp: 16439
 Ion Ratio Lower Upper
 202 100
 101 11.2 0.0 29.2
 203 29.4 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.022 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138551.D

Acq: 12 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

CHRT-24849

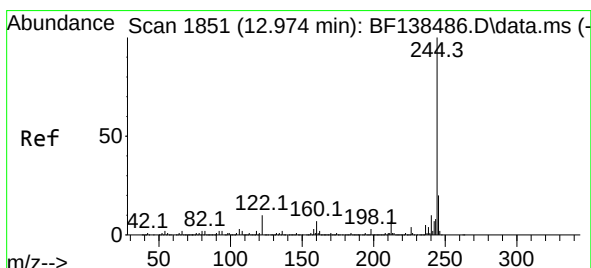
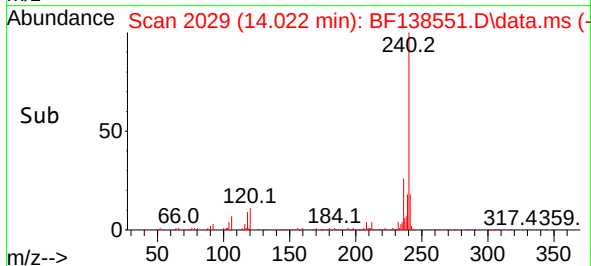
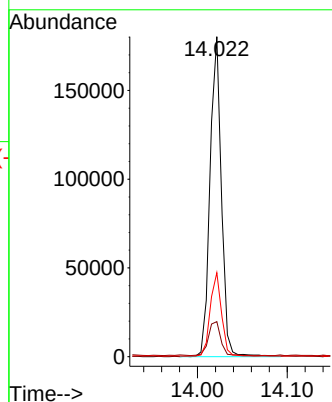
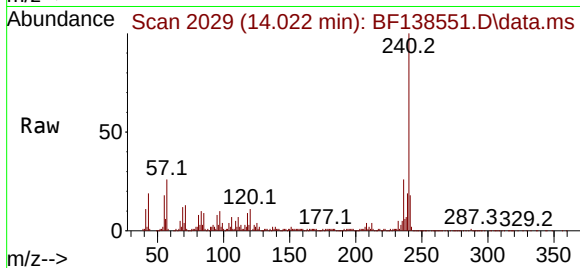
Tgt Ion:240 Resp: 158536

Ion Ratio Lower Upper

240 100

120 11.0 8.6 12.8

236 26.3 21.0 31.6



#79

Terphenyl-d14

Concen: 48.289 ng

RT: 12.969 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF138551.D

Acq: 12 Jul 2024 17:35

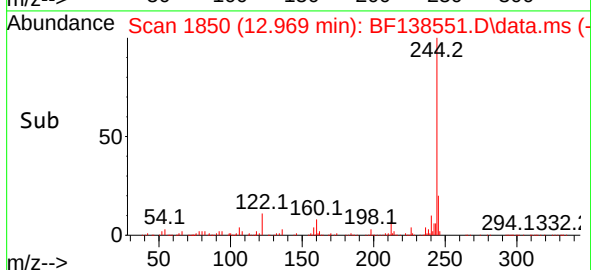
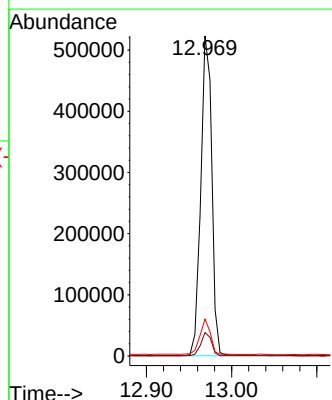
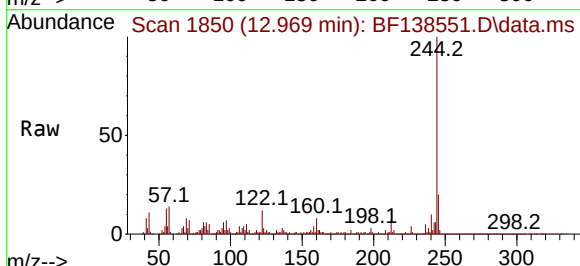
Tgt Ion:244 Resp: 469917

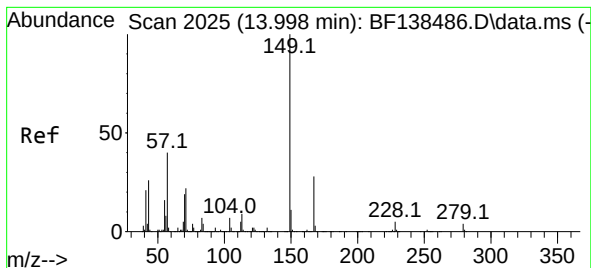
Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

122 11.5 7.8 11.8

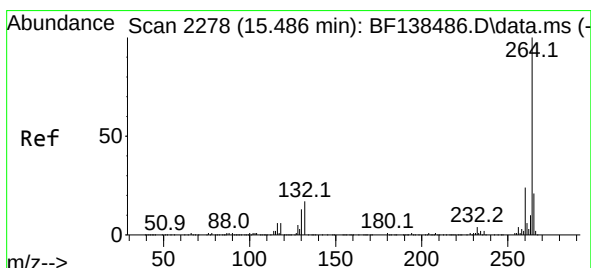
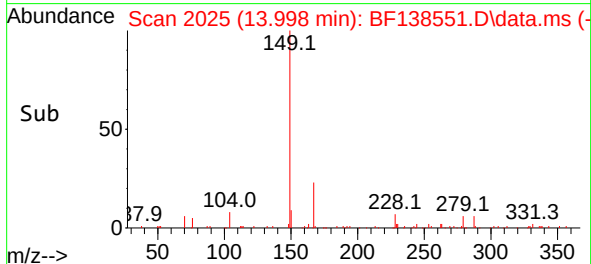
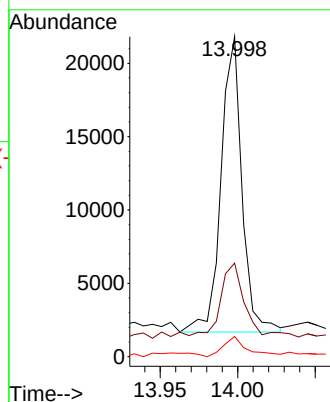
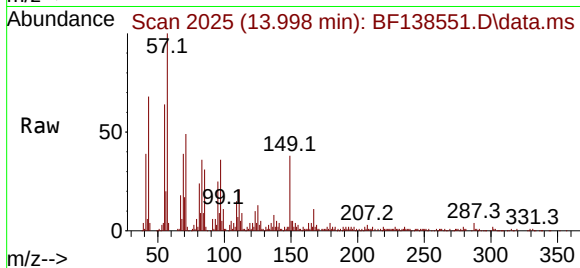




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.663 ng
 RT: 13.998 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BF138551.D
 Acq: 12 Jul 2024 17:35

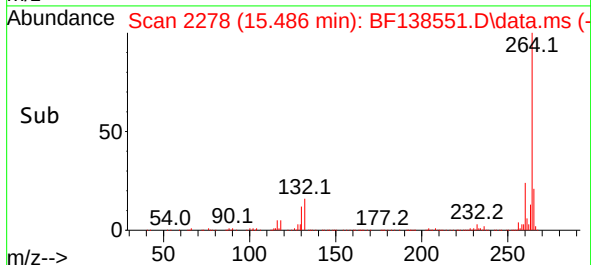
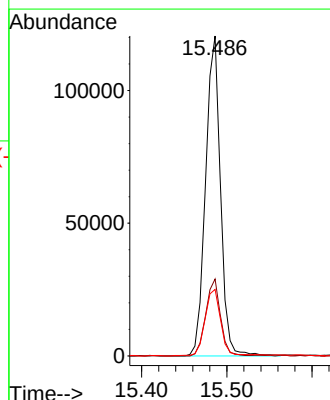
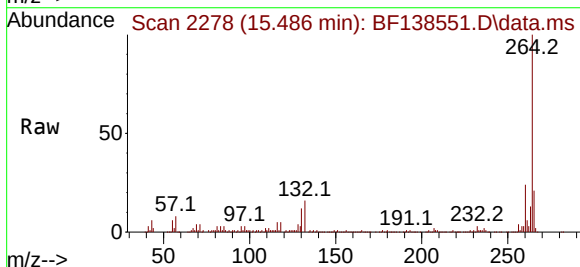
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24849

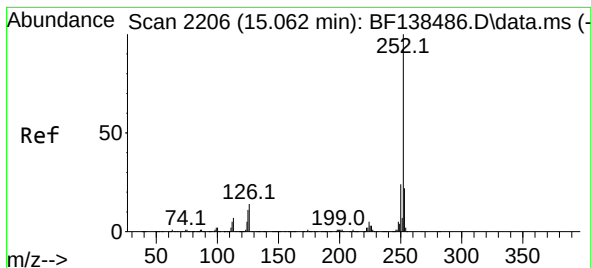
Tgt Ion:149 Resp: 18915
 Ion Ratio Lower Upper
 149 100
 167 29.3 22.5 33.7
 279 6.3 3.0 4.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. 0.000 min
 Lab File: BF138551.D
 Acq: 12 Jul 2024 17:35

Tgt Ion:264 Resp: 146432
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.0 28.6
 265 20.8 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 3.228 ng

RT: 15.057 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138551.D

Acq: 12 Jul 2024 17:35

Instrument :

BNA_F

ClientSampleId :

CHRT-24849

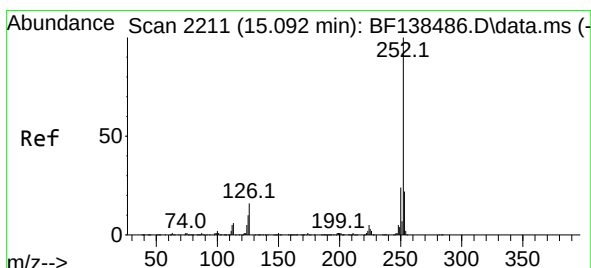
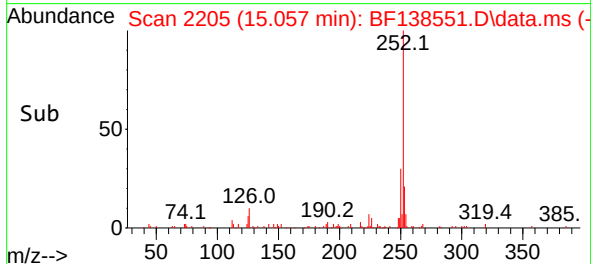
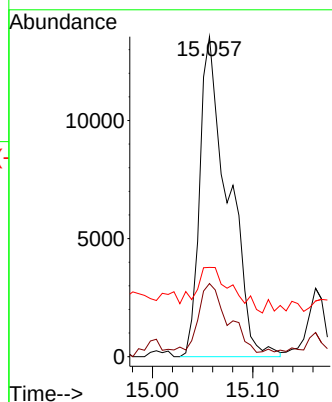
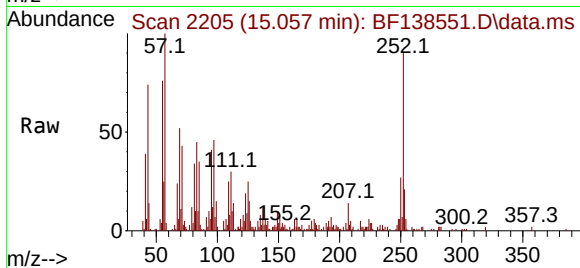
Tgt Ion:252 Resp: 26623

Ion Ratio Lower Upper

252 100

253 22.9 17.3 25.9

125 27.9 8.6 13.0#



#89

Benzo(k)fluoranthene

Concen: 3.310 ng

RT: 15.057 min Scan# 2205

Delta R.T. -0.035 min

Lab File: BF138551.D

Acq: 12 Jul 2024 17:35

Tgt Ion:252 Resp: 26623

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

125 27.9 8.1 12.1#

