

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136017.D
 Acq On : 28 Oct 2023 21:17
 Operator : CG\JU
 Sample : 05092-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-25651

Quant Time: Oct 30 00:31:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

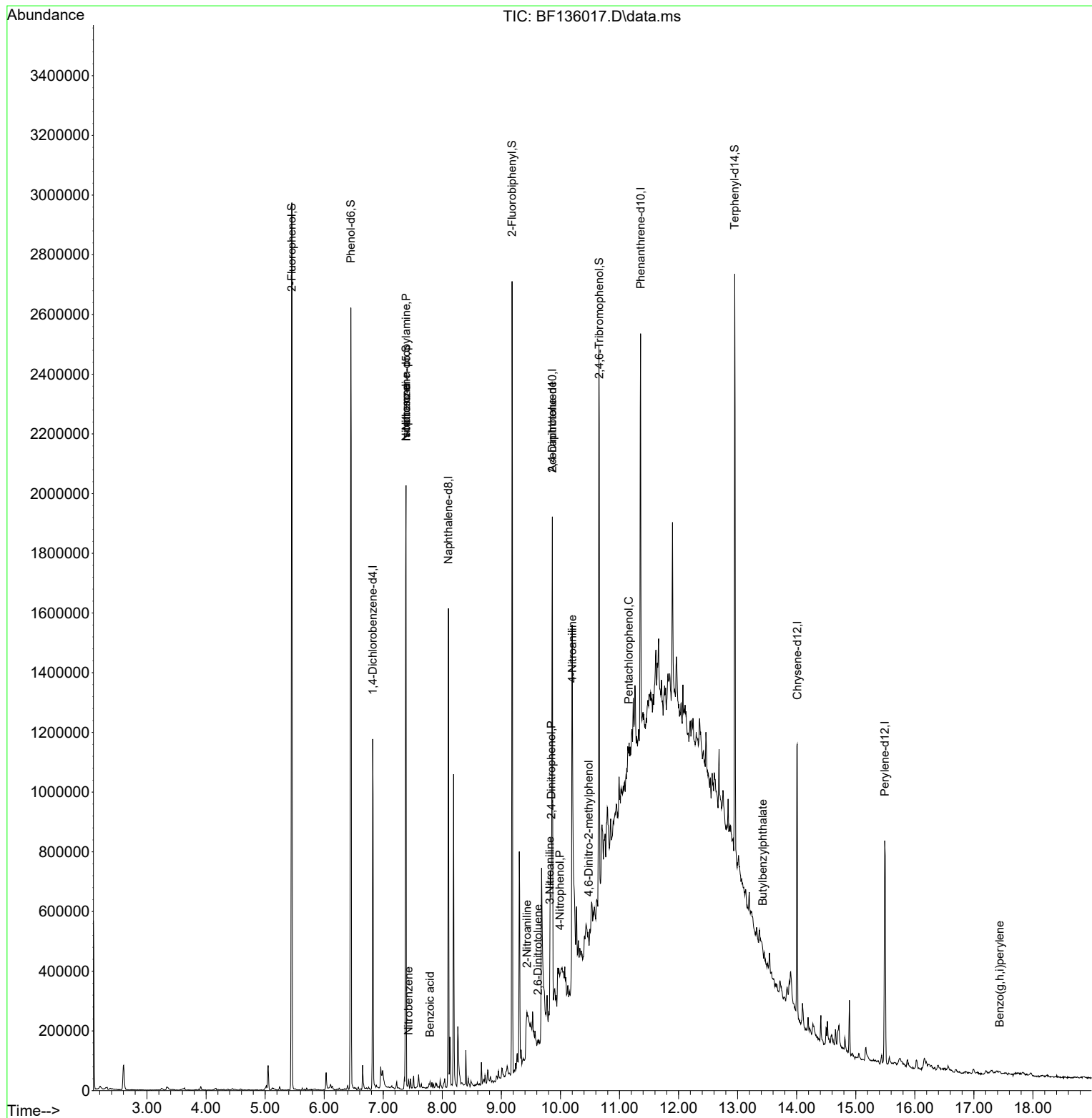
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	151741	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	606590	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	299321	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	525732	20.000	ng	0.00
76) Chrysene-d12	14.009	240	320979	20.000	ng	0.00
86) Perylene-d12	15.492	264	362507	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	821965	83.646	ng	0.00
7) Phenol-d6	6.451	99	1005812	82.215	ng	0.00
23) Nitrobenzene-d5	7.386	82	595623	65.896	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	259133	98.908	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	744437	39.824	ng	0.00
79) Terphenyl-d14	12.951	244	689927	35.912	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.386	70	78679	11.310	ng	# 76
24) Nitrobenzene	7.428	77	337	2.614	ng	# 20
25) Isophorone	7.386	82	594100	30.985	ng	# 64
32) Benzoic acid	7.792	122	1621	6.331	ng	91
48) 2-Nitroaniline	9.433	65	420	4.307	ng	# 42
51) 2,6-Dinitrotoluene	9.622	165	2304	5.377	ng	# 32
53) 3-Nitroaniline	9.822	138	3642	5.246	ng	# 7
54) 2,4-Dinitrophenol	9.845	184	1597	6.306	ng	90
56) 4-Nitrophenol	9.992	139	3375	6.979	ng	# 1
57) 2,4-Dinitrotoluene	9.863	165	43499	13.500	ng	# 27
62) 4-Nitroaniline	10.204	138	1596	4.952	ng	82
65) 4,6-Dinitro-2-methylph...	10.480	198	215	7.077	ng	# 1
70) Pentachlorophenol	11.157	266	707	4.408	ng	# 67
80) Butylbenzylphthalate	13.427	149	985	3.916	ng	# 42
92) Benzo(g,h,i)perylene	17.439	276	1630	3.833	ng	# 86

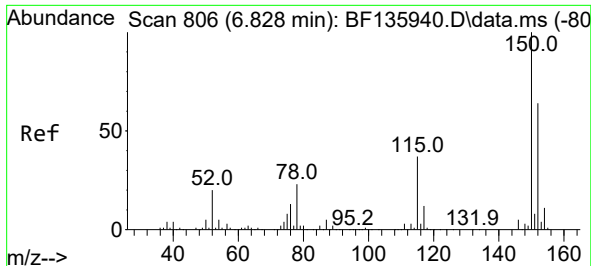
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
Data File : BF136017.D
Acq On : 28 Oct 2023 21:17
Operator : CG\JU
Sample : 05092-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-25651

Quant Time: Oct 30 00:31:29 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 26 03:58:01 2023
Response via : Initial Calibration

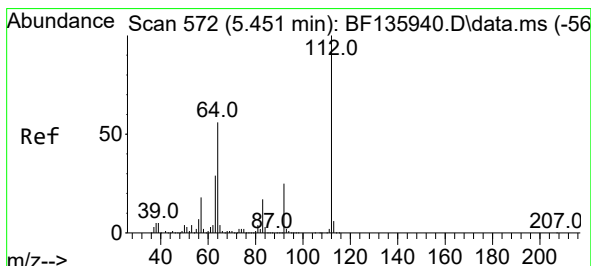
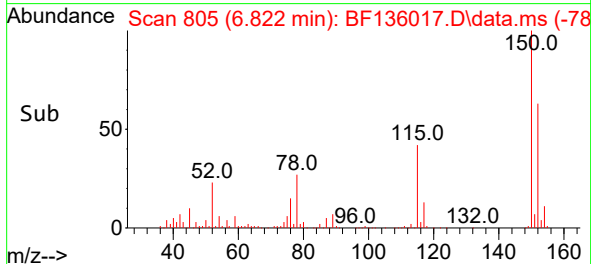
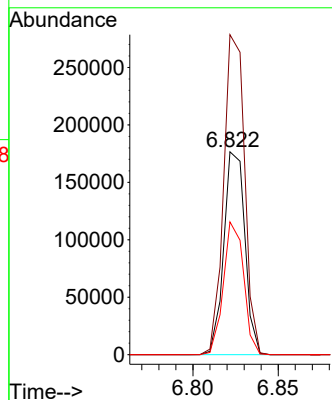
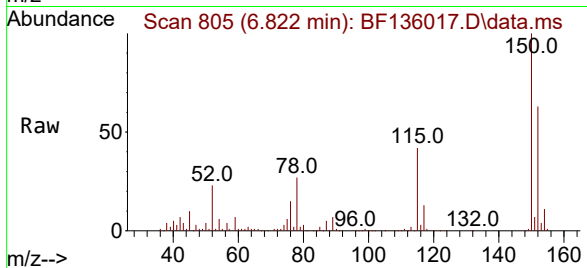




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

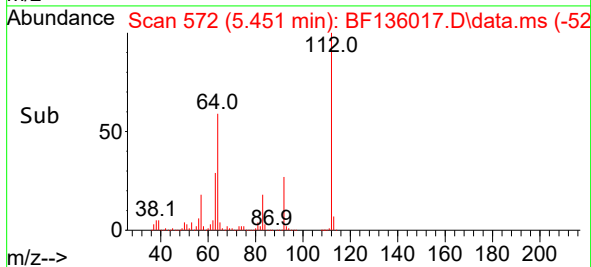
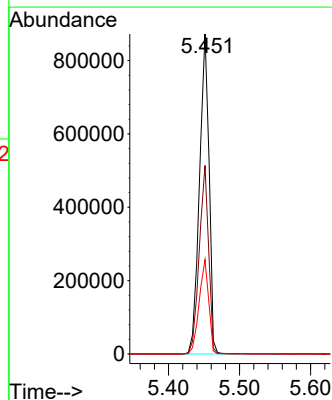
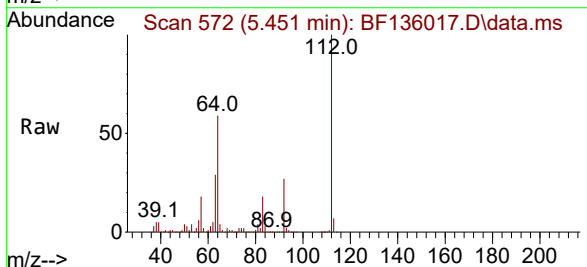
Instrument :
BNA_F
ClientSampleId :
CHRT-25651

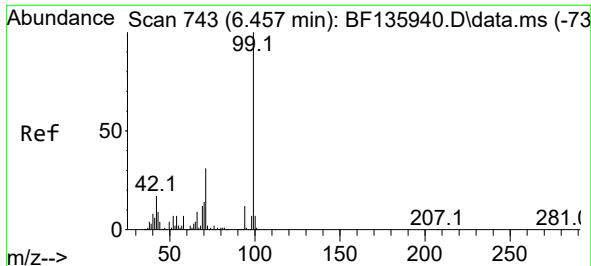
Tgt Ion:152 Resp: 151741
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 65.5 46.6 69.8



#5
2-Fluorophenol
Concen: 83.646 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.000 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

Tgt Ion:112 Resp: 821965
Ion Ratio Lower Upper
112 100
64 58.9 45.1 67.7
63 29.5 23.0 34.4

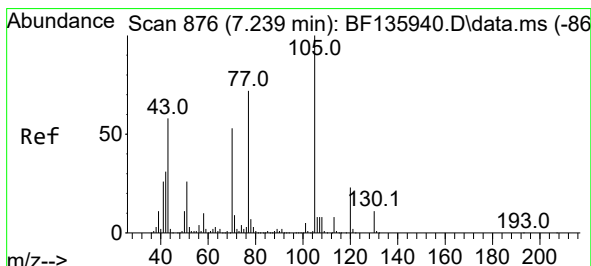
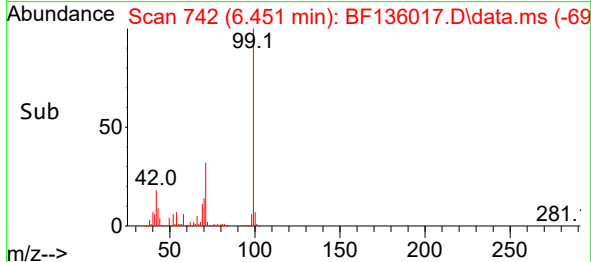
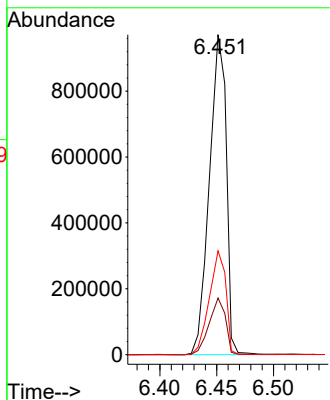
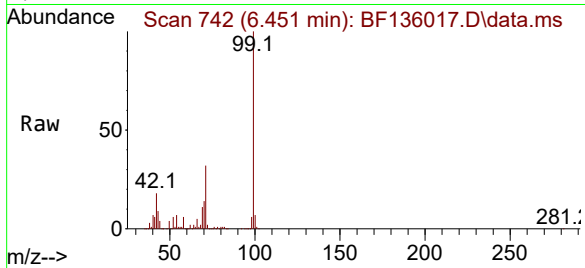




#7
Phenol-d6
Concen: 82.215 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

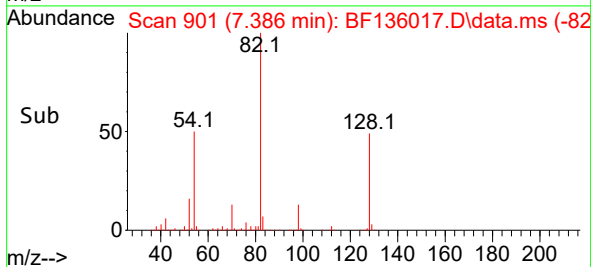
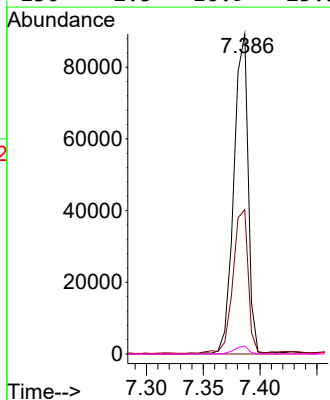
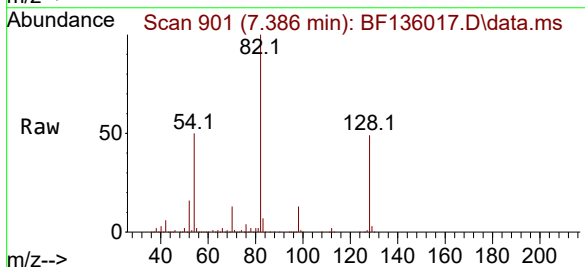
Instrument :
BNA_F
ClientSampleId :
CHRT-25651

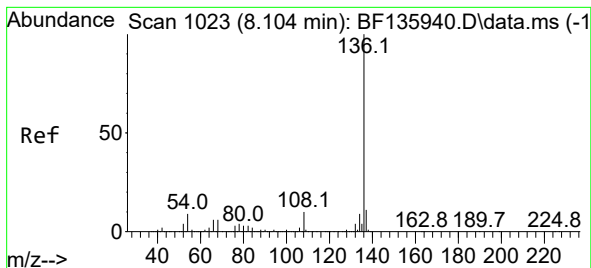
Tgt Ion: 99 Resp: 1005812
Ion Ratio Lower Upper
99 100
42 17.7 13.8 20.8
71 32.5 25.1 37.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.310 ng
RT: 7.386 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

Tgt Ion: 70 Resp: 78679
Ion Ratio Lower Upper
70 100
42 45.1 47.3 70.9#
101 0.0 7.8 11.8#
130 2.5 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136017.D

Acq: 28 Oct 2023 21:17

Instrument :

BNA_F

ClientSampleId :

CHRT-25651

Tgt Ion:136 Resp: 606590

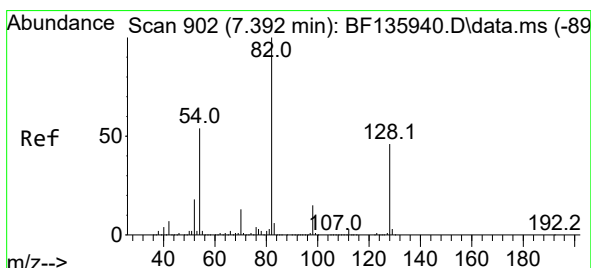
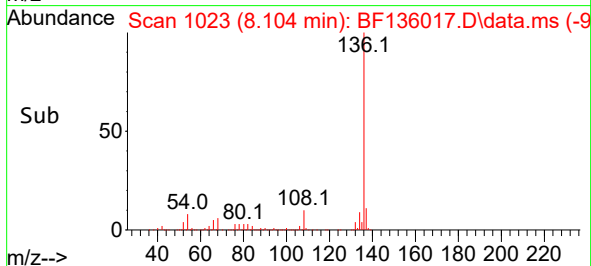
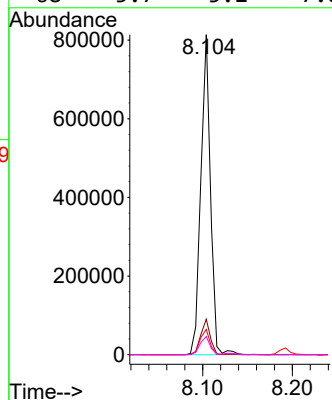
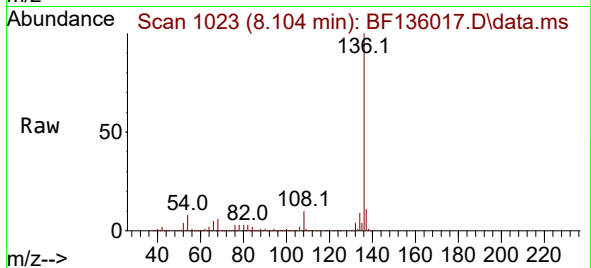
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 7.9 7.1 10.7

68 5.7 5.2 7.8



#23

Nitrobenzene-d5

Concen: 65.896 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136017.D

Acq: 28 Oct 2023 21:17

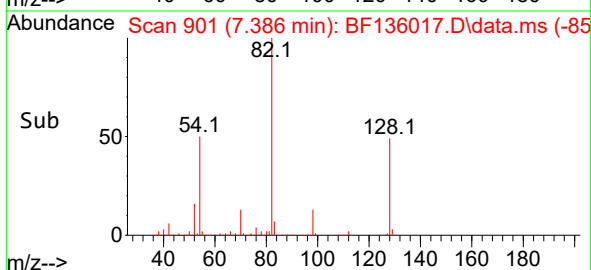
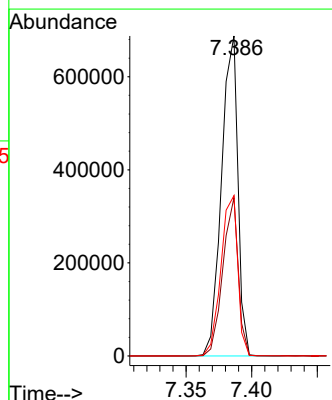
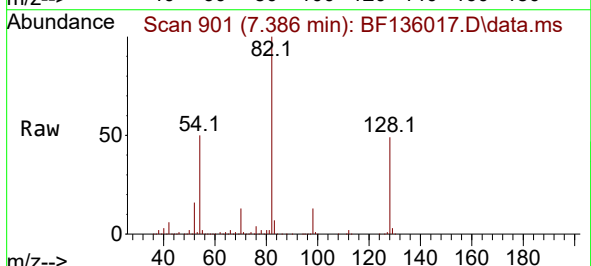
Tgt Ion: 82 Resp: 595623

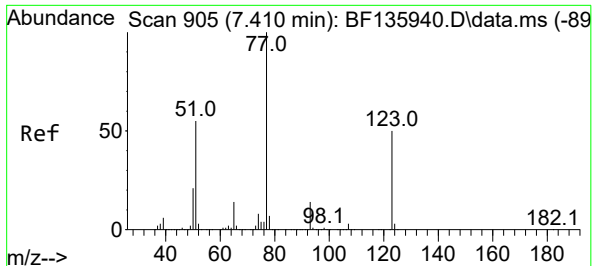
Ion Ratio Lower Upper

82 100

128 49.5 36.8 55.2

54 50.1 43.4 65.0

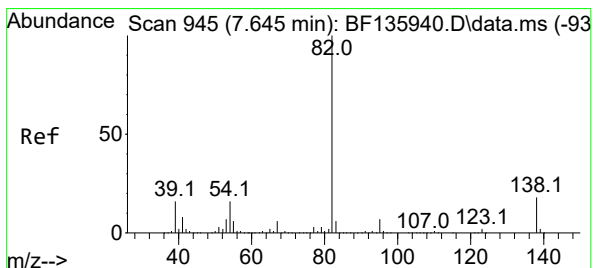
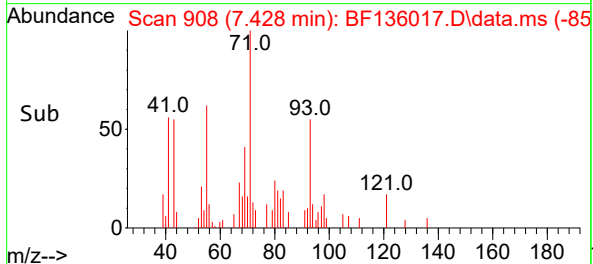
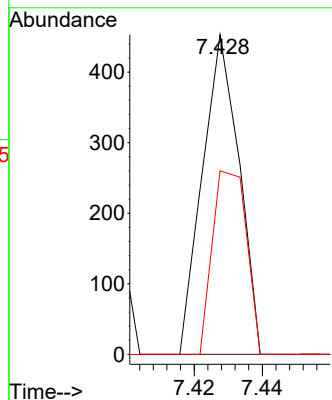
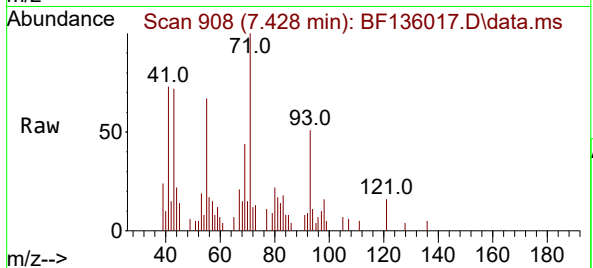




#24
Nitrobenzene
Concen: 2.614 ng
RT: 7.428 min Scan# 901
Delta R.T. 0.018 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

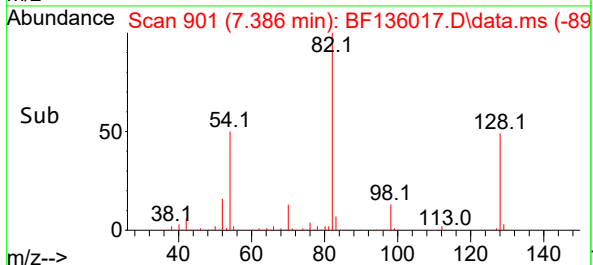
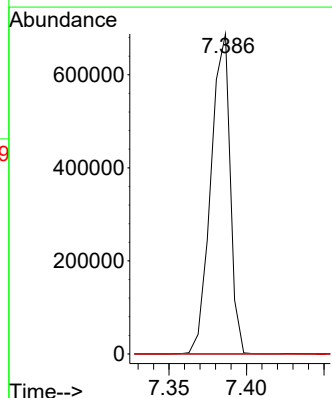
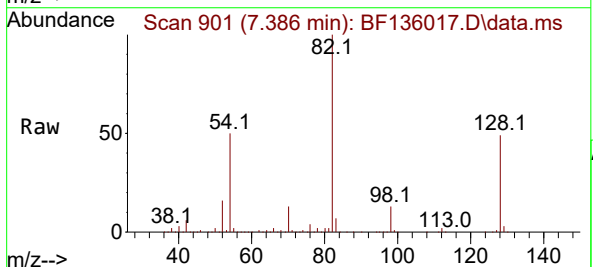
Instrument :
BNA_F
ClientSampleId :
CHRT-25651

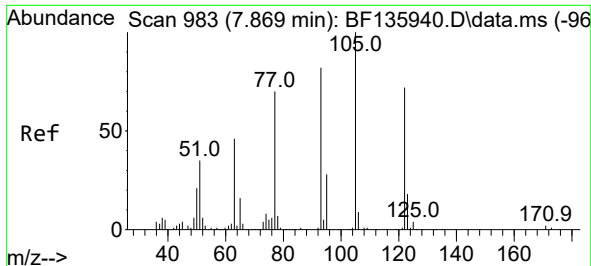
Tgt Ion: 77 Resp: 337
Ion Ratio Lower Upper
77 100
123 0.0 40.2 60.2#
65 57.4 11.0 16.4#



#25
Isophorone
Concen: 30.985 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

Tgt Ion: 82 Resp: 594100
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#

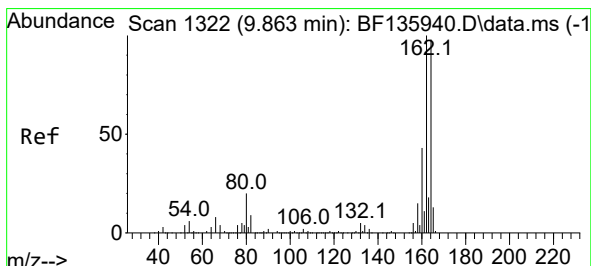
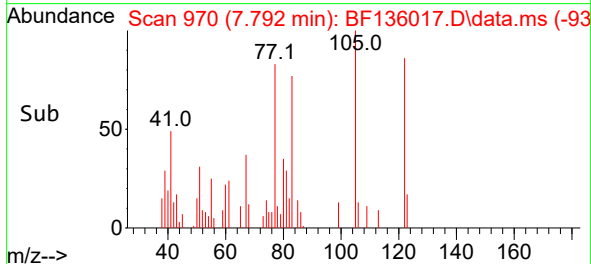
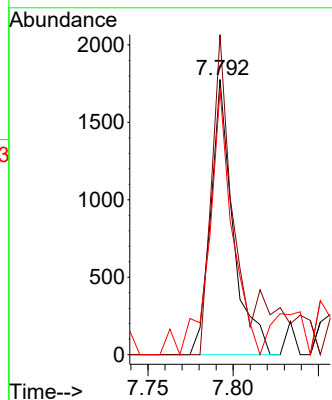
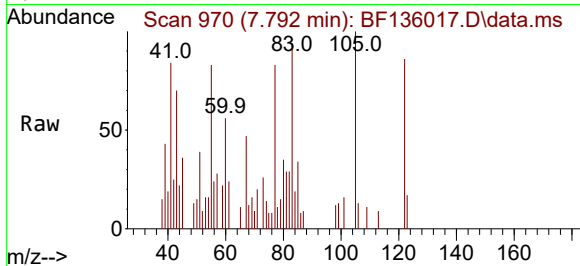




#32
Benzoic acid
Concen: 6.331 ng
RT: 7.792 min Scan# 91
Delta R.T. -0.077 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

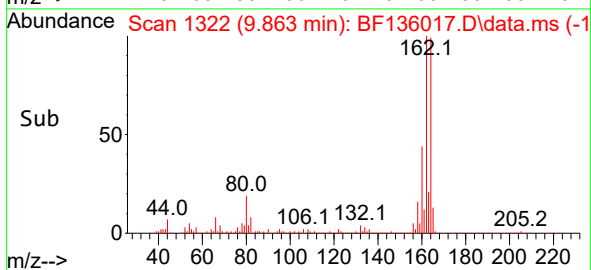
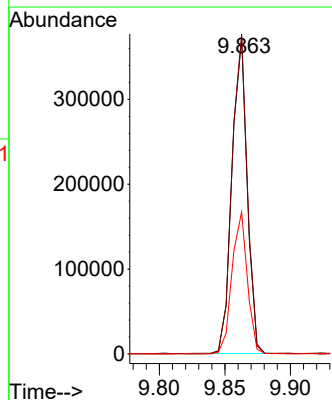
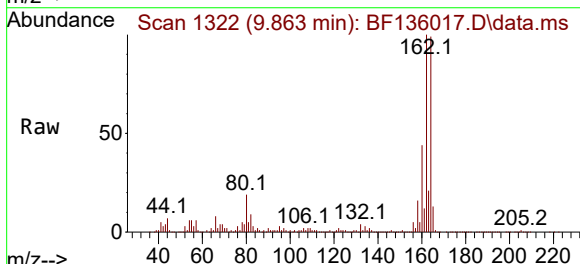
Instrument :
BNA_F
ClientSampleId :
CHRT-25651

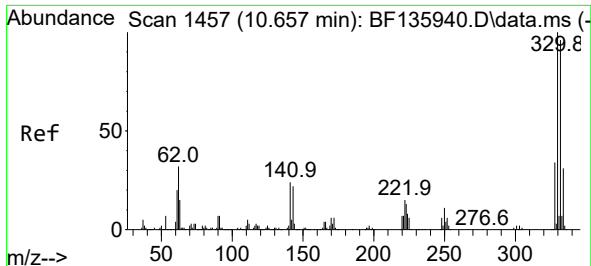
Tgt Ion:122 Resp: 1621
Ion Ratio Lower Upper
122 100
105 116.3 113.1 153.1
77 96.5 75.2 115.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

Tgt Ion:164 Resp: 299321
Ion Ratio Lower Upper
164 100
162 101.4 82.0 123.0
160 45.0 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 98.908 ng

RT: 10.657 min Scan# 1457

Delta R.T. -0.000 min

Lab File: BF136017.D

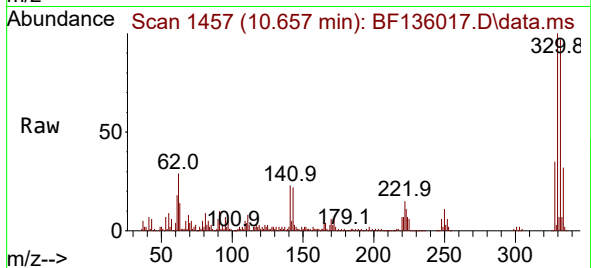
Acq: 28 Oct 2023 21:17

Instrument :

BNA_F

ClientSampleId :

CHRT-25651



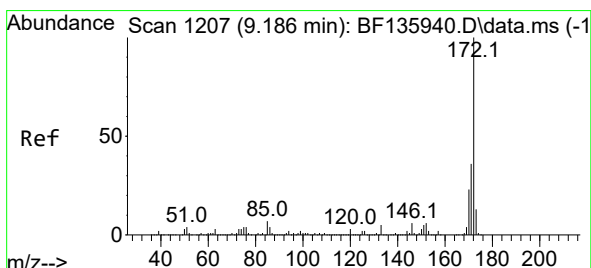
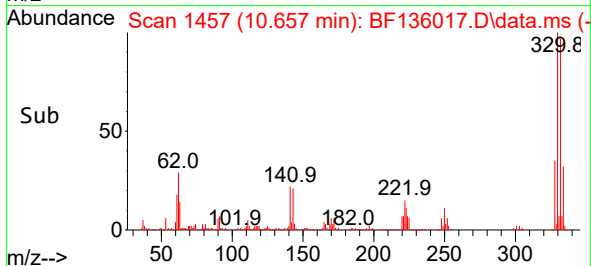
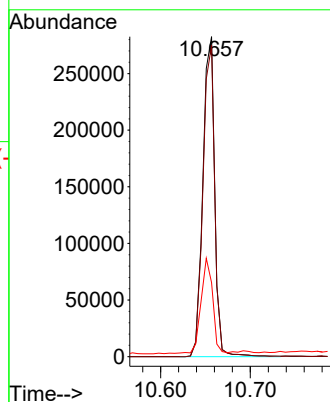
Tgt Ion:330 Resp: 259133

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

141 29.8 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 39.824 ng

RT: 9.180 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF136017.D

Acq: 28 Oct 2023 21:17

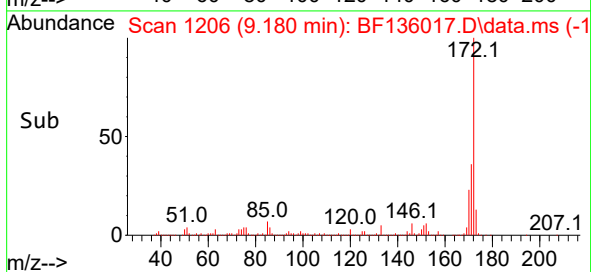
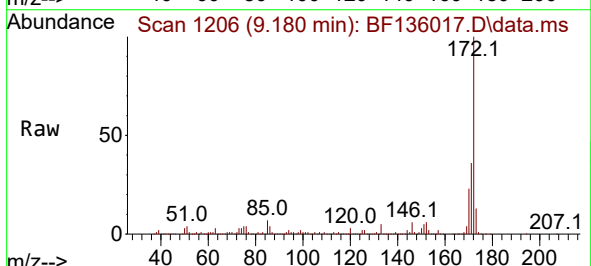
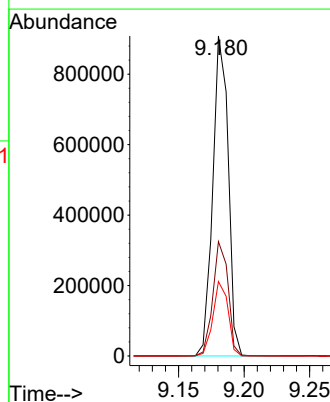
Tgt Ion:172 Resp: 744437

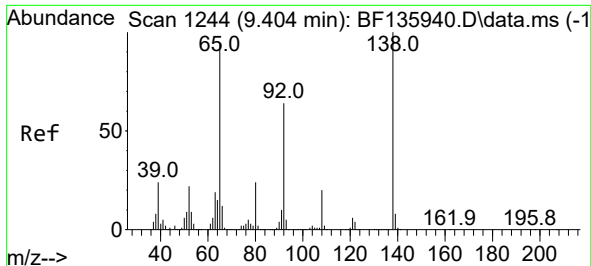
Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

170 23.2 18.6 28.0

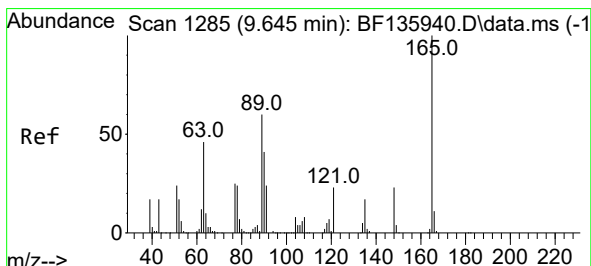
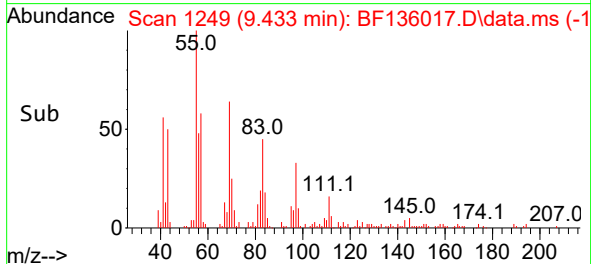
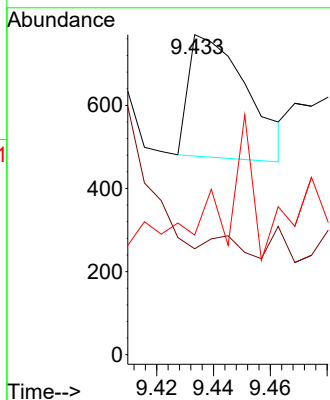
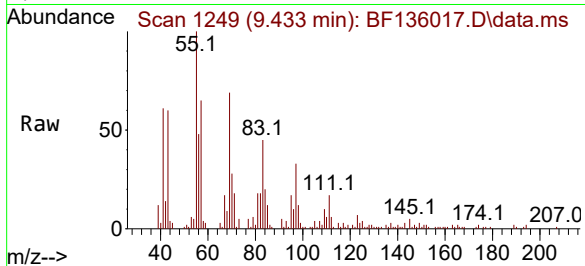




#48
2-Nitroaniline
Concen: 4.307 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.029 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

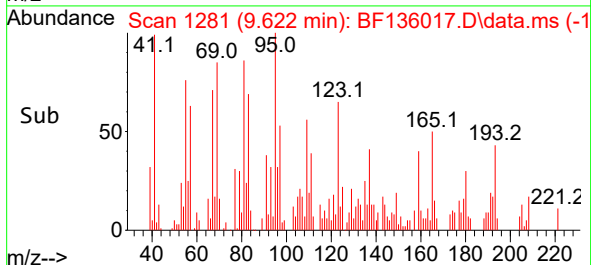
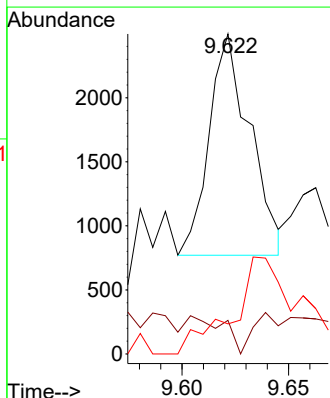
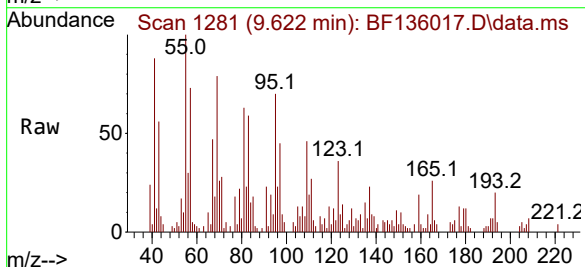
Instrument :
BNA_F
ClientSampleId :
CHRT-25651

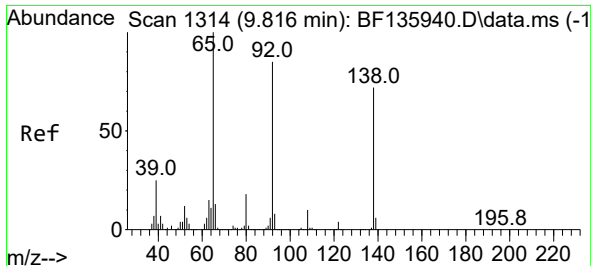
Tgt Ion: 65 Resp: 420
Ion Ratio Lower Upper
65 100
92 33.1 54.9 82.3#
138 37.4 85.2 127.8#



#51
2,6-Dinitrotoluene
Concen: 5.377 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.023 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

Tgt Ion: 165 Resp: 2304
Ion Ratio Lower Upper
165 100
63 10.5 51.7 77.5#
89 9.4 48.3 72.5#

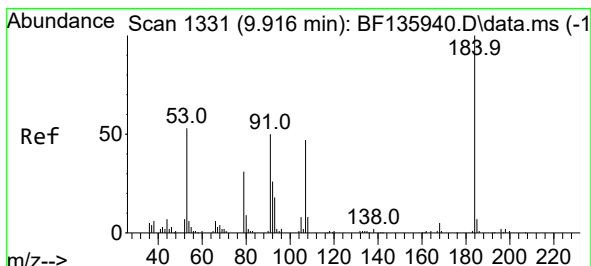
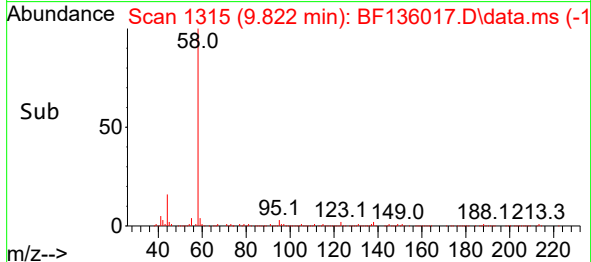
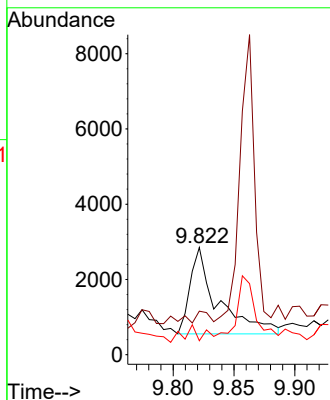
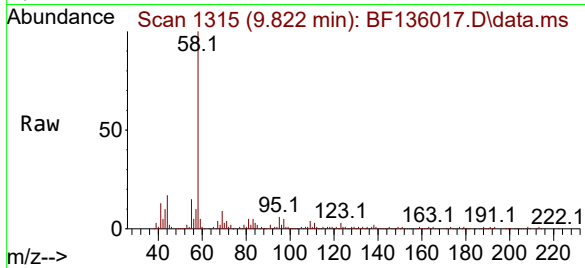




#53
3-Nitroaniline
Concen: 5.246 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

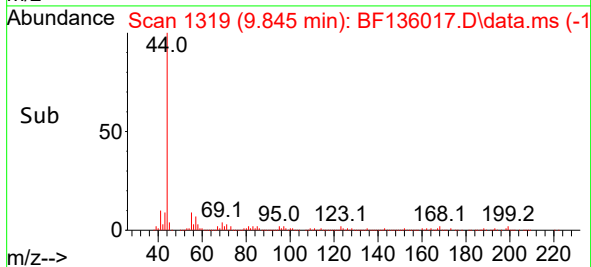
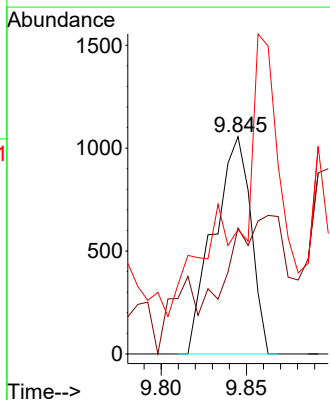
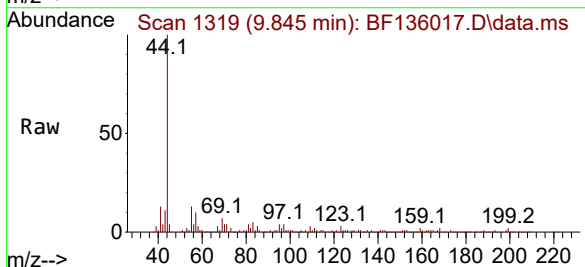
Instrument :
BNA_F
ClientSampleId :
CHRT-25651

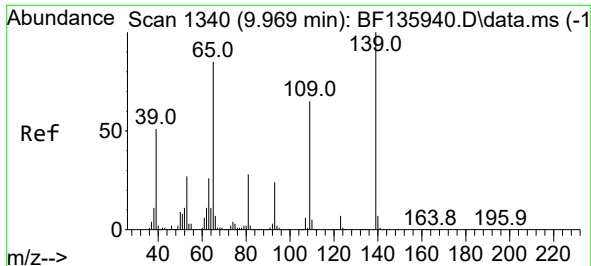
Tgt Ion:138 Resp: 3642
Ion Ratio Lower Upper
138 100
108 40.6 11.3 16.9#
92 13.0 95.0 142.6#



#54
2,4-Dinitrophenol
Concen: 6.306 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.071 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

Tgt Ion:184 Resp: 1597
Ion Ratio Lower Upper
184 100
63 58.0 56.3 84.5
154 57.2 48.1 72.1

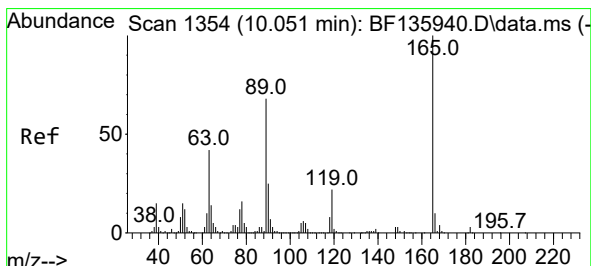
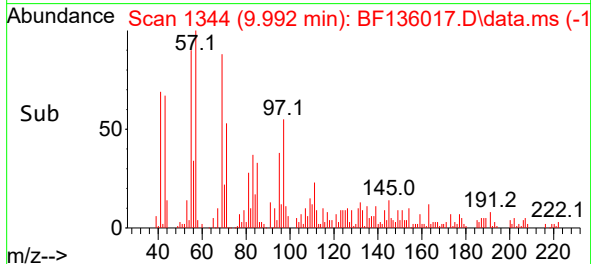
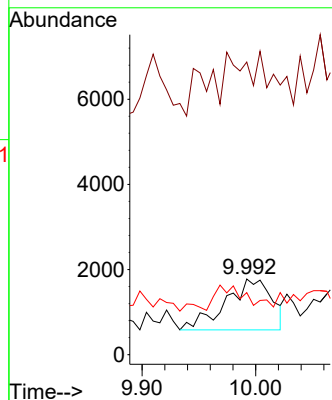
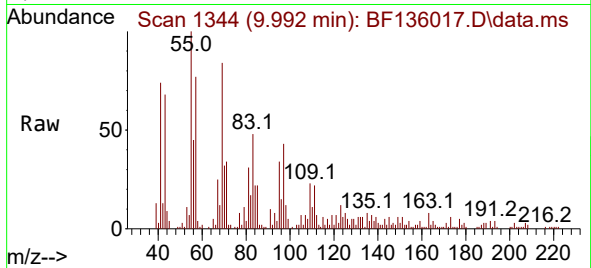




#56
4-Nitrophenol
Concen: 6.979 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.023 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

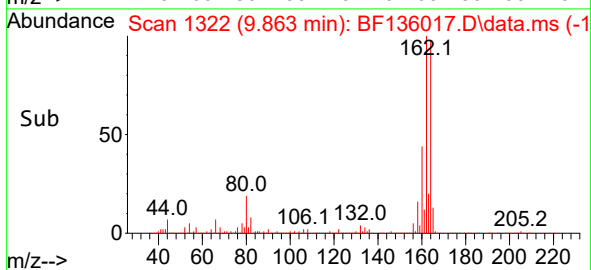
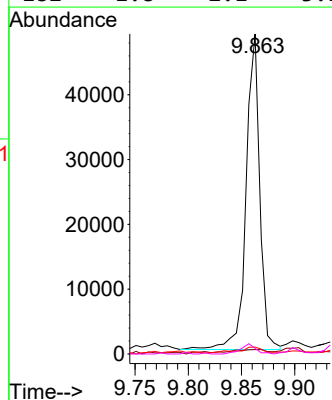
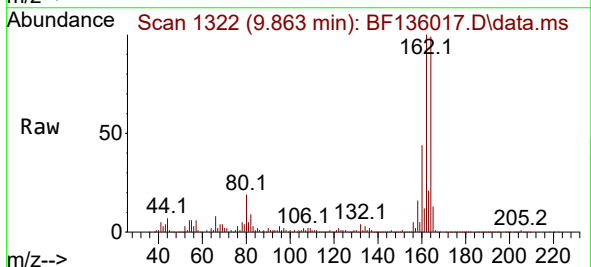
Instrument :
BNA_F
ClientSampleId :
CHRT-25651

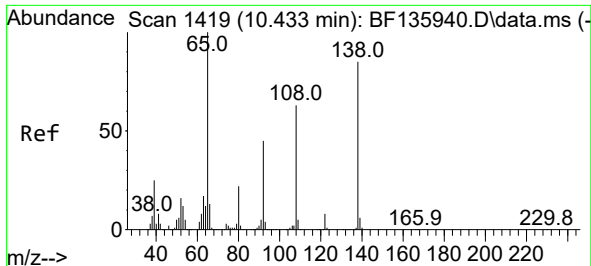
Tgt Ion:139 Resp: 3375
Ion Ratio Lower Upper
139 100
109 386.4 45.2 85.2#
65 82.0 65.1 105.1



#57
2,4-Dinitrotoluene
Concen: 13.500 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.188 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

Tgt Ion:165 Resp: 43499
Ion Ratio Lower Upper
165 100
63 1.4 33.7 50.5#
89 2.2 54.6 81.8#
182 1.8 2.1 3.1#

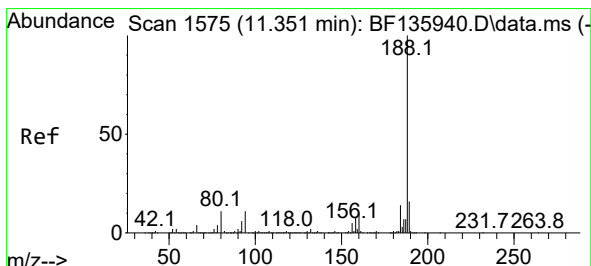
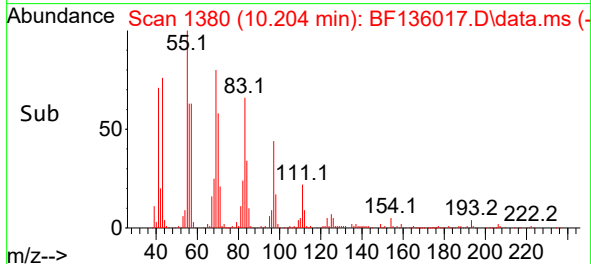
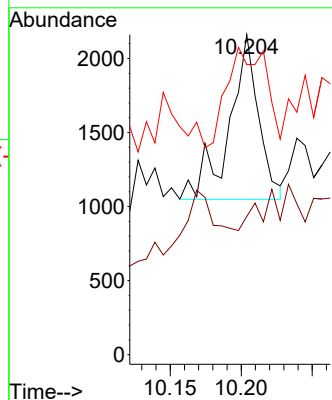
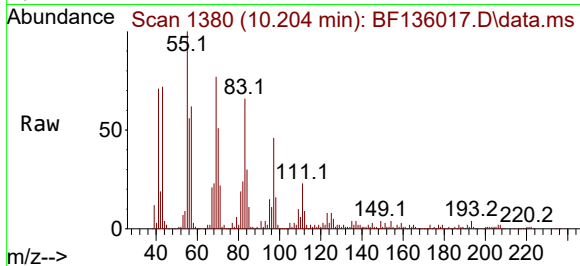




#62
4-Nitroaniline
Concen: 4.952 ng
RT: 10.204 min Scan# 11
Delta R.T. -0.229 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

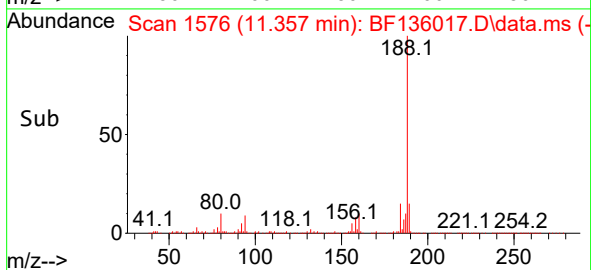
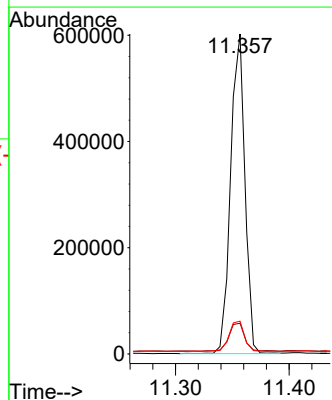
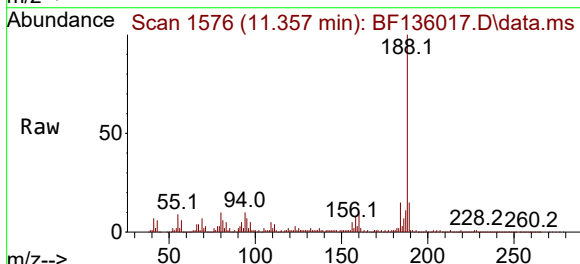
Instrument :
BNA_F
ClientSampleId :
CHRT-25651

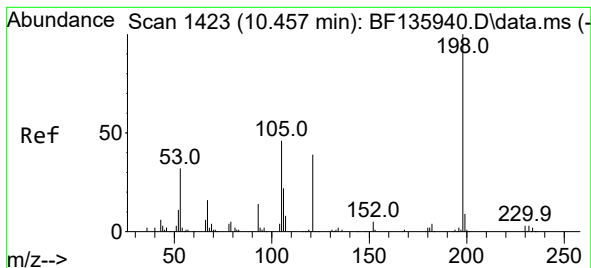
Tgt Ion:138 Resp: 1596
Ion Ratio Lower Upper
138 100
92 43.2 32.9 72.9
108 90.7 53.5 93.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.006 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

Tgt Ion:188 Resp: 525732
Ion Ratio Lower Upper
188 100
94 9.6 8.6 13.0
80 10.3 9.0 13.6

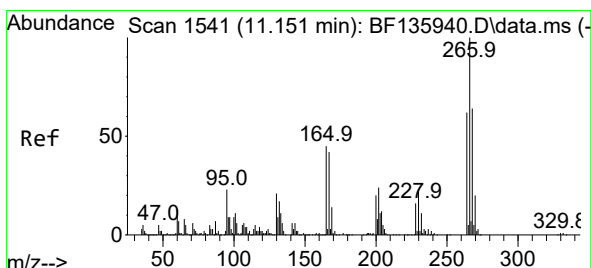
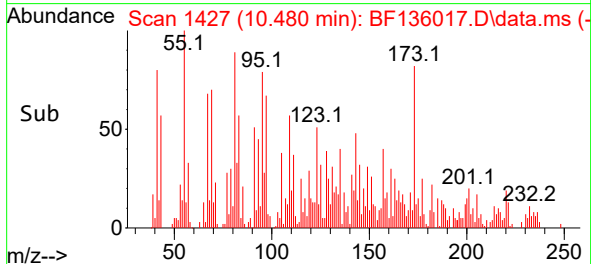
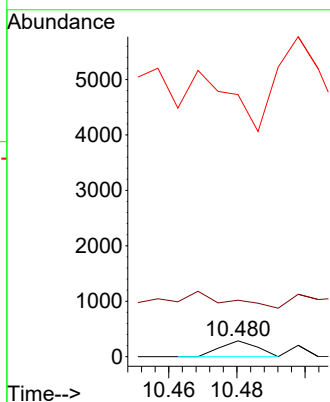
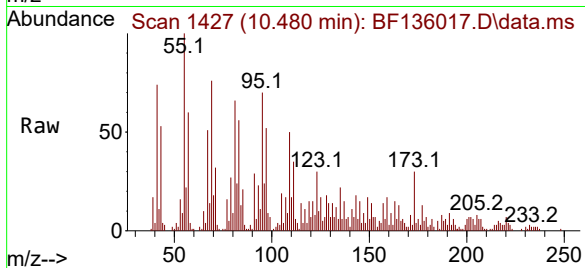




#65
4,6-Dinitro-2-methylphenol
Concen: 7.077 ng
RT: 10.480 min Scan# 1423
Delta R.T. 0.023 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

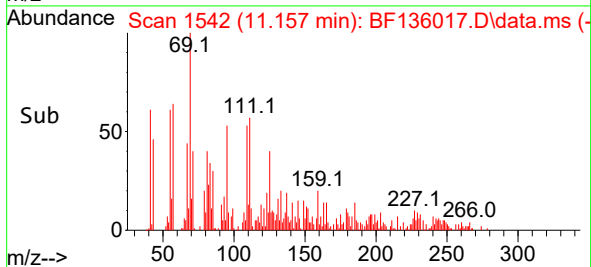
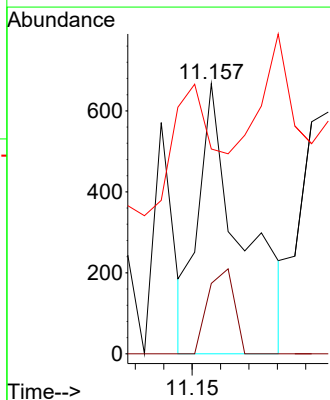
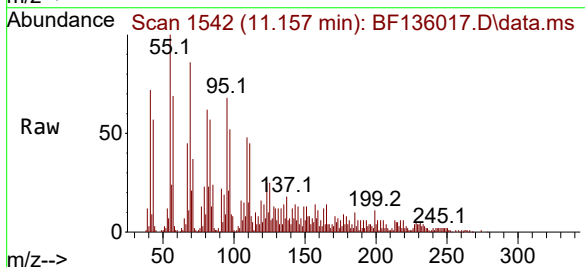
Instrument :
BNA_F
ClientSampleId :
CHRT-25651

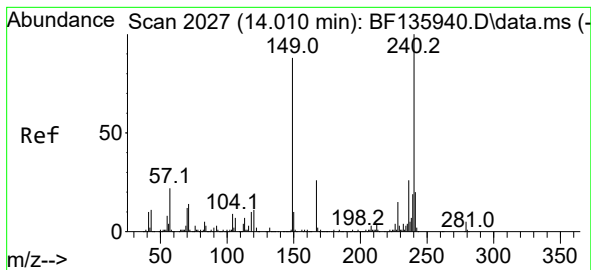
Tgt Ion:198 Resp: 215
Ion Ratio Lower Upper
198 100
51 357.2 28.7 68.7#
105 1658.9 27.2 67.2#



#70
Pentachlorophenol
Concen: 4.408 ng
RT: 11.157 min Scan# 1542
Delta R.T. 0.006 min
Lab File: BF136017.D
Acq: 28 Oct 2023 21:17

Tgt Ion:266 Resp: 707
Ion Ratio Lower Upper
266 100
268 26.1 50.8 76.2#
264 75.9 49.8 74.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.009 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF136017.D

Acq: 28 Oct 2023 21:17

Instrument :

BNA_F

ClientSampleId :

CHRT-25651

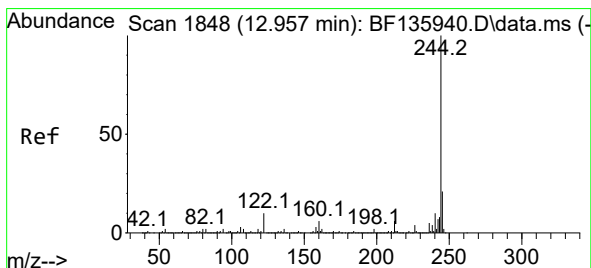
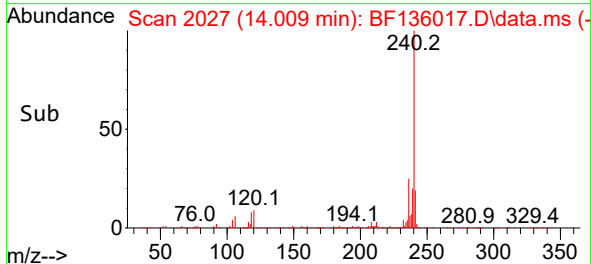
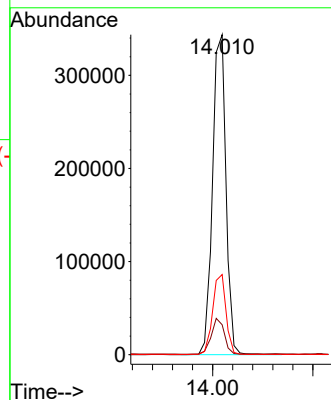
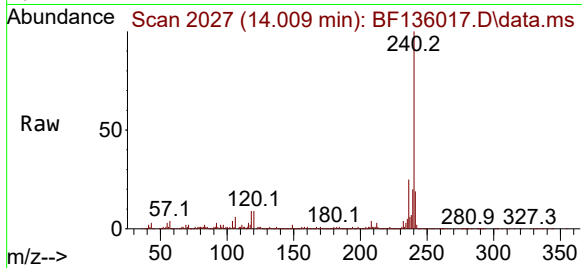
Tgt Ion:240 Resp: 320979

Ion Ratio Lower Upper

240 100

120 9.3 8.6 13.0

236 25.1 20.6 30.8



#79

Terphenyl-d14

Concen: 35.912 ng

RT: 12.951 min Scan# 1847

Delta R.T. -0.006 min

Lab File: BF136017.D

Acq: 28 Oct 2023 21:17

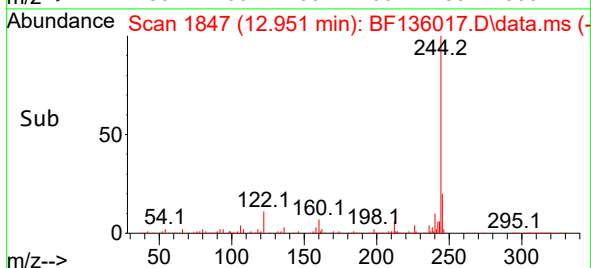
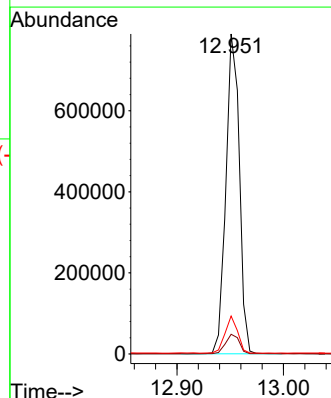
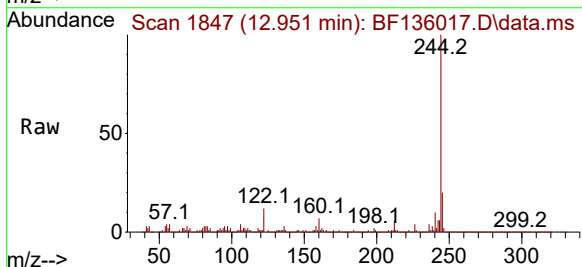
Tgt Ion:244 Resp: 689927

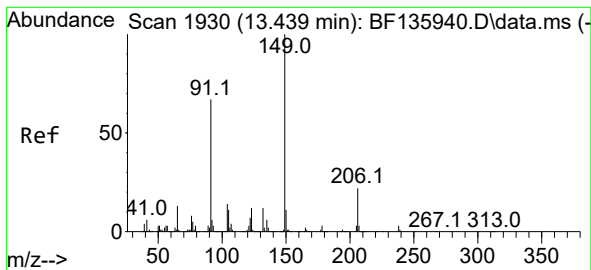
Ion Ratio Lower Upper

244 100

212 6.2 5.0 7.6

122 11.8 8.0 12.0





#80

Butylbenzylphthalate

Concen: 3.916 ng

RT: 13.427 min Scan# 1930

Delta R.T. -0.012 min

Lab File: BF136017.D

Acq: 28 Oct 2023 21:17

Instrument :

BNA_F

ClientSampleId :

CHRT-25651

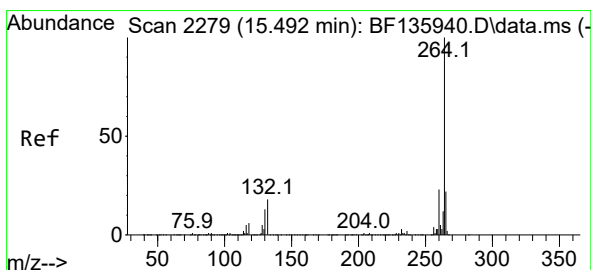
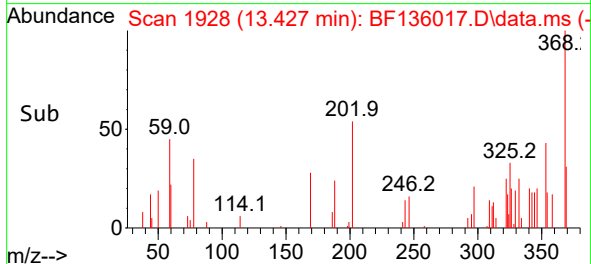
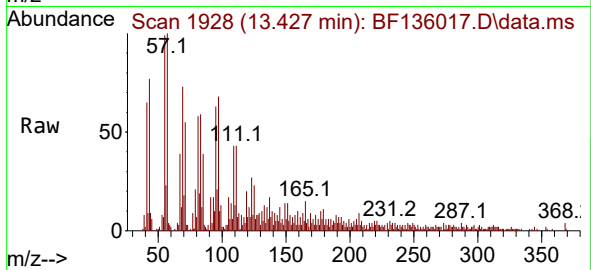
Tgt Ion:149 Resp: 985

Ion Ratio Lower Upper

149 100

91 126.8 53.4 80.0#

206 18.7 17.5 26.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF136017.D

Acq: 28 Oct 2023 21:17

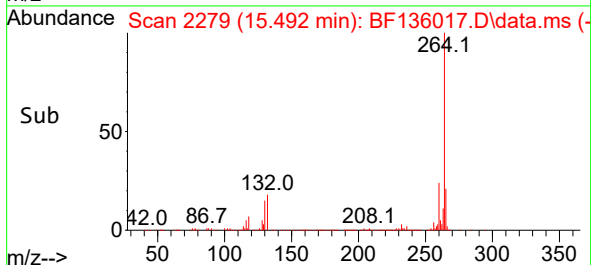
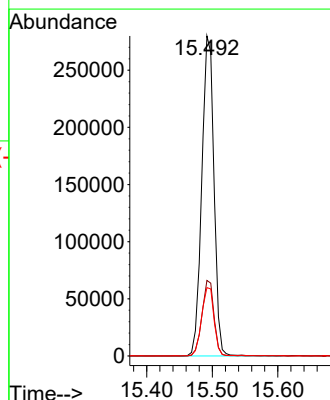
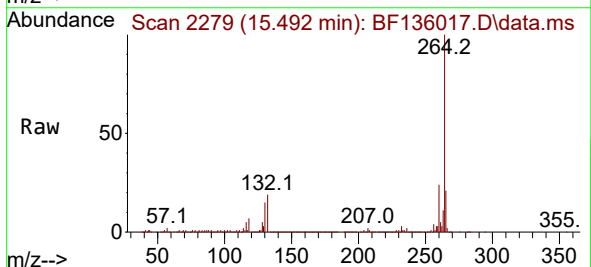
Tgt Ion:264 Resp: 362507

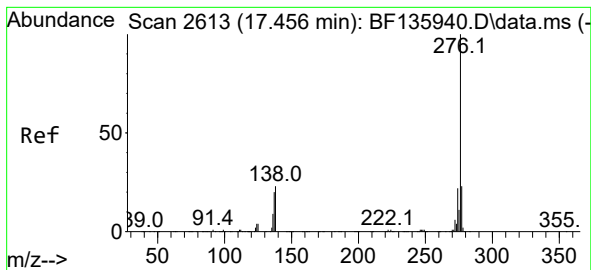
Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 21.4 17.3 25.9





#92

Benzo(g,h,i)perylene

Concen: 3.833 ng

RT: 17.439 min Scan# 20

Delta R.T. -0.017 min

Lab File: BF136017.D

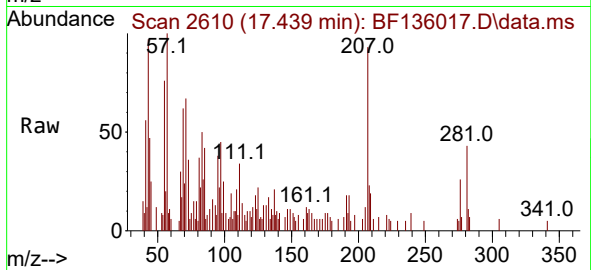
Acq: 28 Oct 2023 21:17

Instrument :

BNA_F

ClientSampleId :

CHRT-25651



Tgt Ion:276 Resp: 1630

Ion Ratio Lower Upper

276 100

277 28.4 18.6 28.0#

138 31.6 18.4 27.6#

