

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102823\
 Data File : BF136016.D
 Acq On : 28 Oct 2023 20:46
 Operator : CG\JU
 Sample : 05092-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-20058

Quant Time: Oct 30 00:31:12 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)

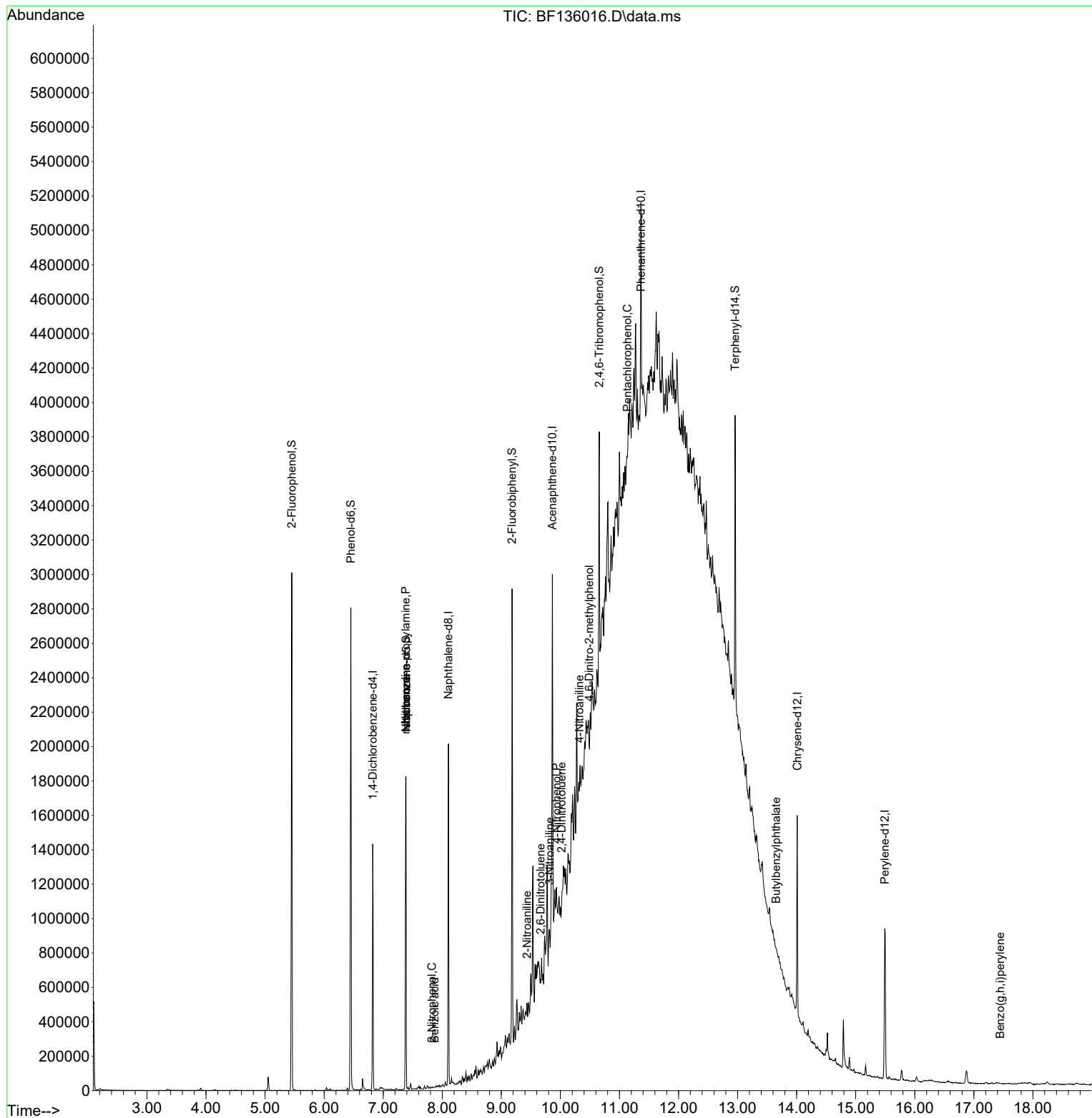
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	191649	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	746642	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	359879	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	548895	20.000	ng	0.01
76) Chrysene-d12	14.010	240	370776	20.000	ng	0.00
86) Perylene-d12	15.492	264	426378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	807490	65.062	ng	0.00
7) Phenol-d6	6.451	99	994026	64.332	ng	0.00
23) Nitrobenzene-d5	7.387	82	580166	54.188	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	222239	70.552	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	755546	33.617	ng	0.00
79) Terphenyl-d14	12.957	244	649973	29.289	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	76333	8.687	ng	# 80
24) Nitrobenzene	7.387	77	2113	2.744	ng	# 36
25) Isophorone	7.387	82	580262	24.587	ng	# 64
26) 2-Nitrophenol	7.822	139	92	3.116	ng	# 1
32) Benzoic acid	7.869	122	125	5.749	ng	# 1
48) 2-Nitroaniline	9.434	65	809	4.365	ng	# 71
51) 2,6-Dinitrotoluene	9.663	165	3626	5.536	ng	# 28
53) 3-Nitroaniline	9.816	138	4239	5.224	ng	# 30
56) 4-Nitrophenol	9.933	139	999	6.380	ng	# 1
57) 2,4-Dinitrotoluene	10.022	165	3643	6.362	ng	# 42
62) 4-Nitroaniline	10.322	138	8828	6.040	ng	85
65) 4,6-Dinitro-2-methylph...	10.486	198	1211	7.782	ng	# 1
70) Pentachlorophenol	11.133	266	1303	4.549	ng	# 1
80) Butylbenzylphthalate	13.651	149	1092	3.912	ng	# 56
92) Benzo(g,h,i)perylene	17.445	276	1335	3.810	ng	# 81

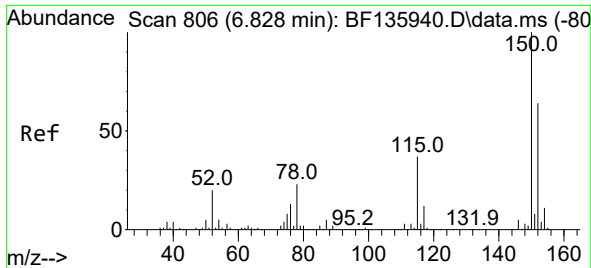
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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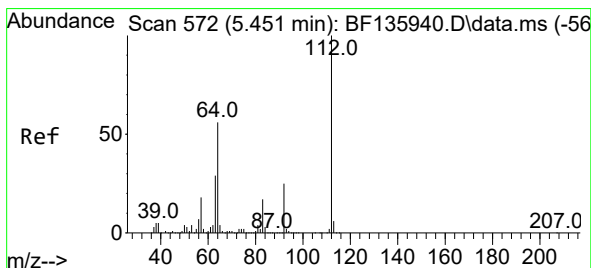
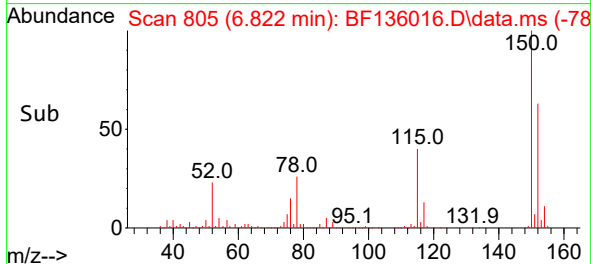
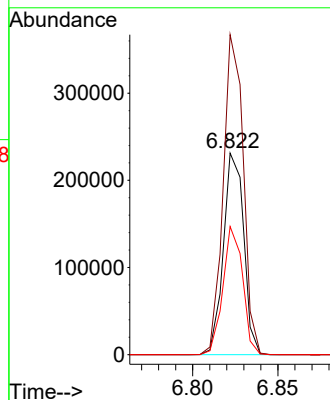
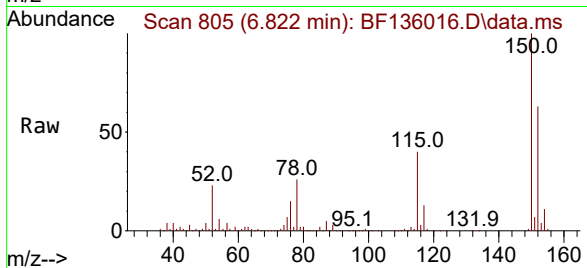




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136016.D
Acq: 28 Oct 2023 20:46

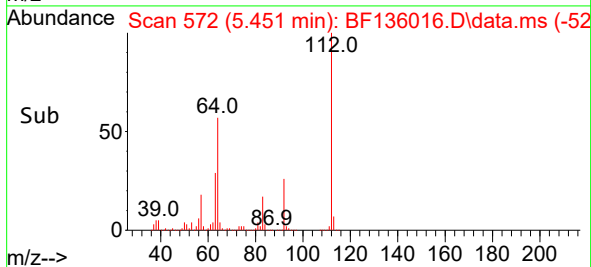
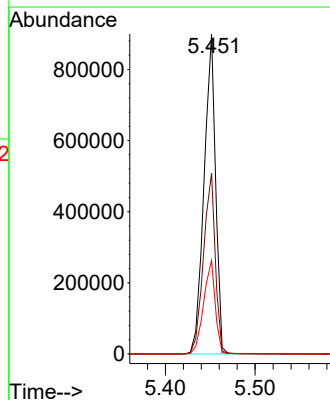
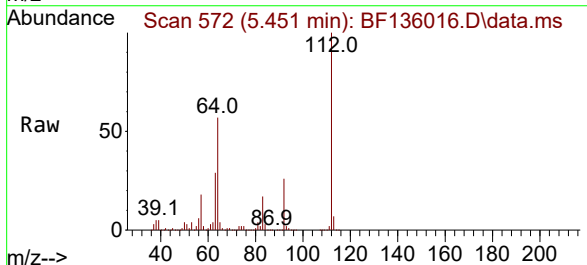
Instrument :
BNA_F
ClientSampleId :
CHRT-20058

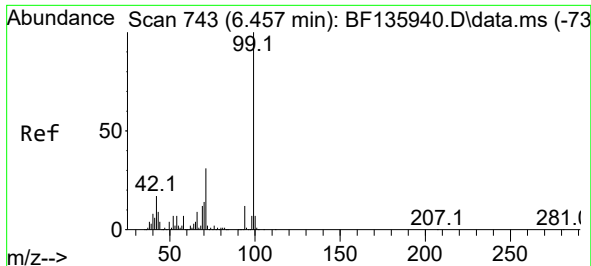
Tgt Ion:152 Resp: 191649
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 63.6 46.6 69.8



#5
2-Fluorophenol
Concen: 65.062 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF136016.D
Acq: 28 Oct 2023 20:46

Tgt Ion:112 Resp: 807490
Ion Ratio Lower Upper
112 100
64 56.5 45.1 67.7
63 29.2 23.0 34.4

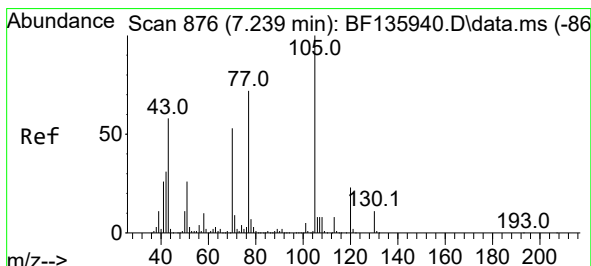
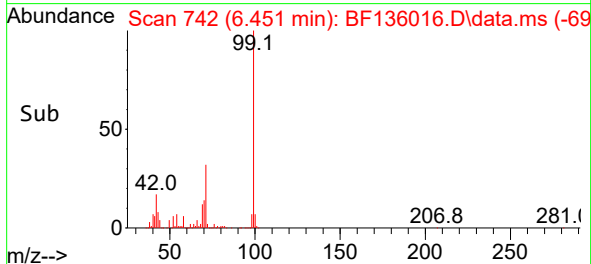
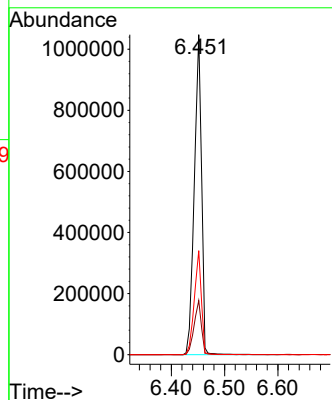
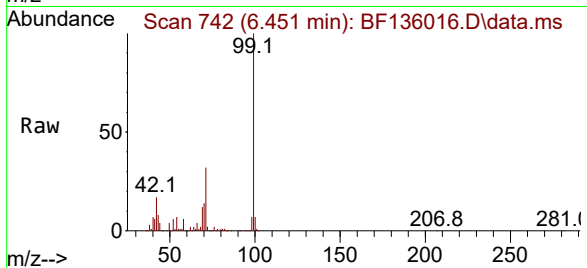




#7
Phenol-d6
Concen: 64.332 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF136016.D
Acq: 28 Oct 2023 20:46

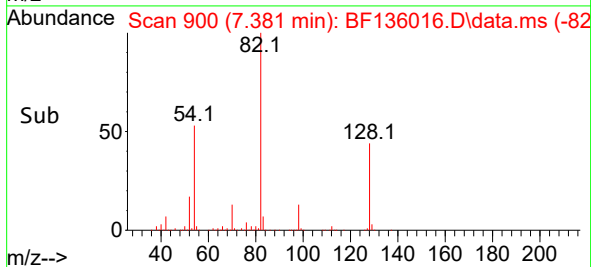
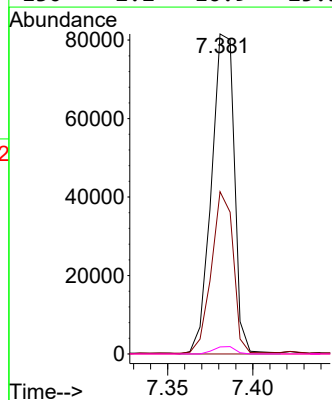
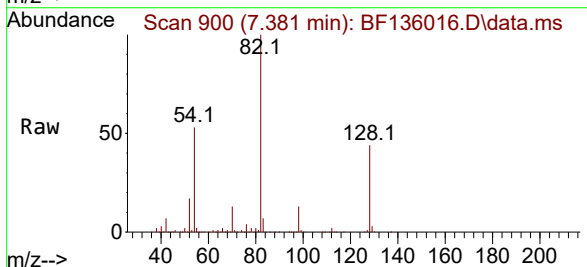
Instrument :
BNA_F
ClientSampleId :
CHRT-20058

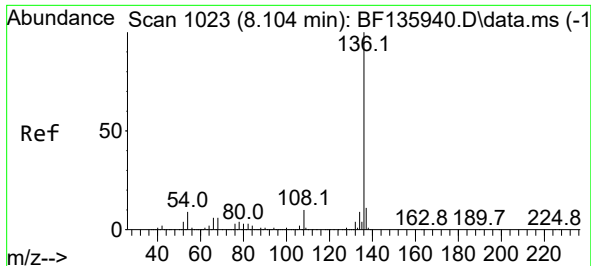
Tgt Ion: 99 Resp: 994026
Ion Ratio Lower Upper
99 100
42 16.9 13.8 20.8
71 32.5 25.1 37.7



#19
n-Nitroso-di-n-propylamine
Concen: 8.687 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF136016.D
Acq: 28 Oct 2023 20:46

Tgt Ion: 70 Resp: 76333
Ion Ratio Lower Upper
70 100
42 50.7 47.3 70.9
101 0.0 7.8 11.8#
130 2.2 16.9 25.3#



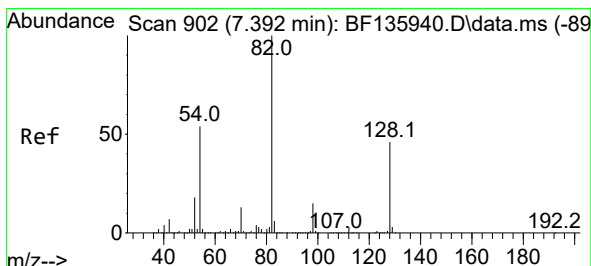
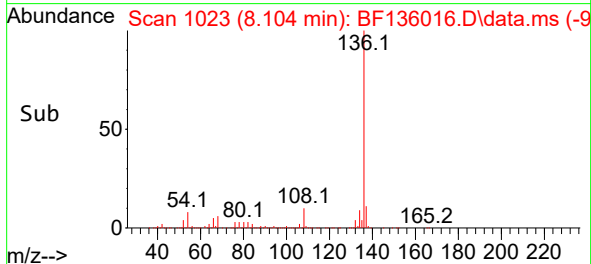
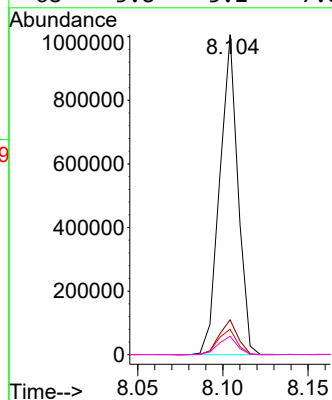
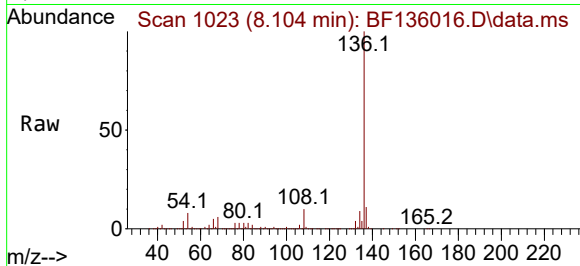


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136016.D
Acq: 28 Oct 2023 20:46

Instrument :
BNA_F
ClientSampleId :
CHRT-20058

Tgt Ion:136 Resp: 746642

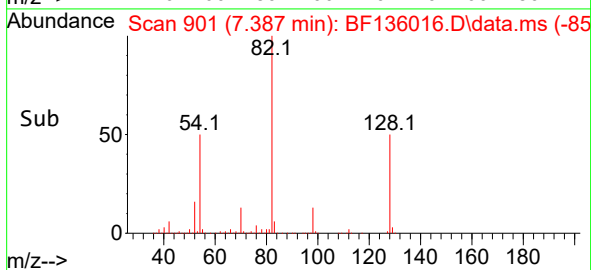
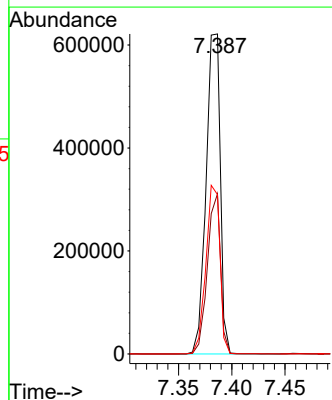
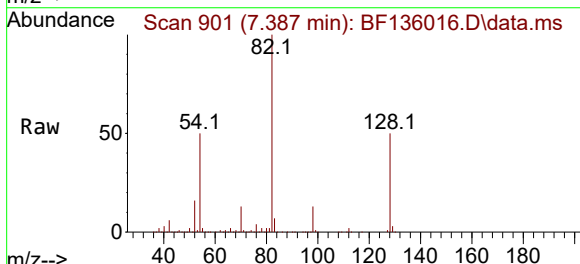
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	8.0	7.1	10.7
68	5.8	5.2	7.8

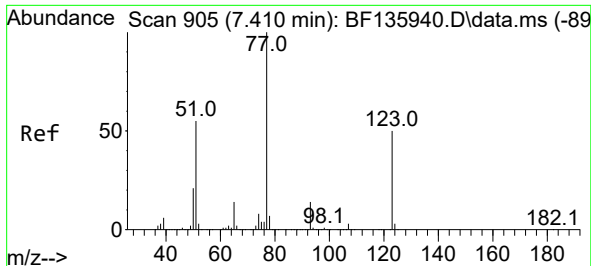


#23
Nitrobenzene-d5
Concen: 54.188 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.005 min
Lab File: BF136016.D
Acq: 28 Oct 2023 20:46

Tgt Ion: 82 Resp: 580166

Ion	Ratio	Lower	Upper
82	100		
128	50.0	36.8	55.2
54	49.8	43.4	65.0

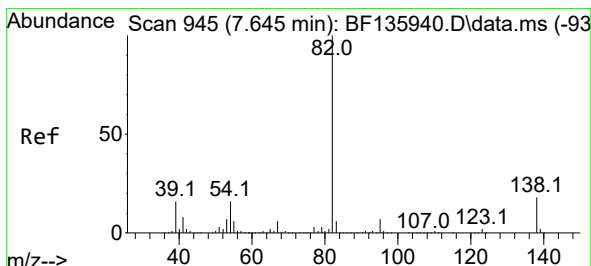
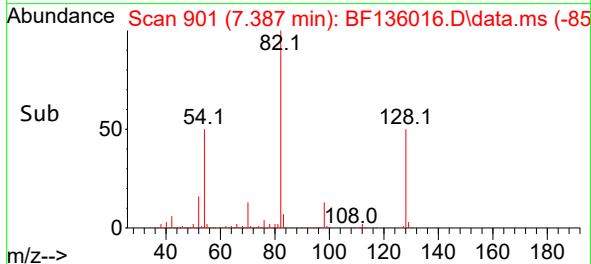
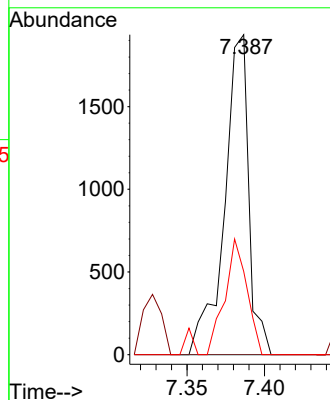
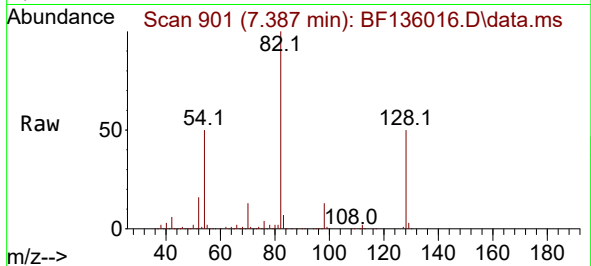




#24
Nitrobenzene
Concen: 2.744 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.023 min
Lab File: BF136016.D
Acq: 28 Oct 2023 20:46

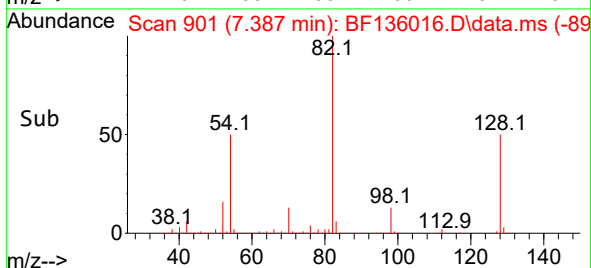
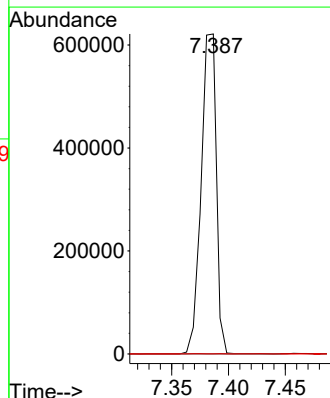
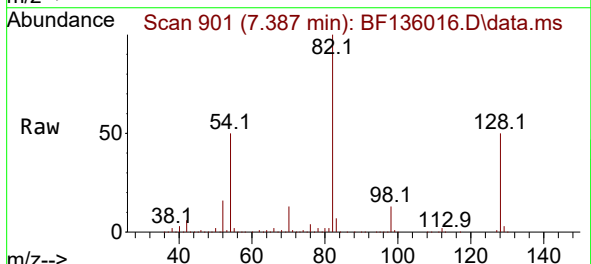
Instrument :
BNA_F
ClientSampleId :
CHRT-20058

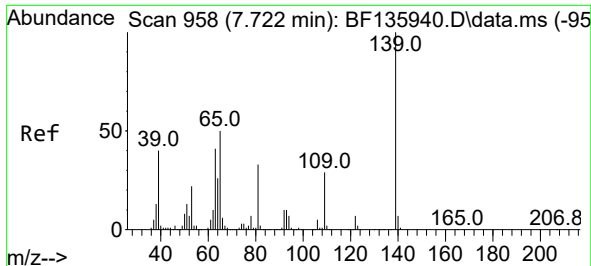
Tgt Ion: 77 Resp: 2113
Ion Ratio Lower Upper
77 100
123 0.0 40.2 60.2#
65 26.0 11.0 16.4#



#25
Isophorone
Concen: 24.587 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF136016.D
Acq: 28 Oct 2023 20:46

Tgt Ion: 82 Resp: 580262
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 14.8 22.2#

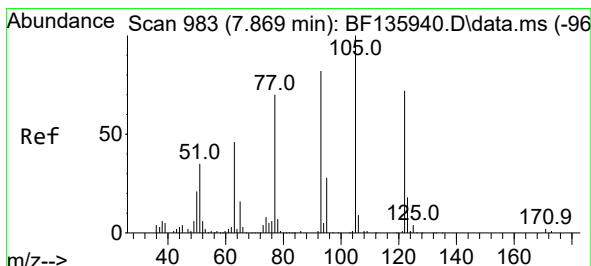
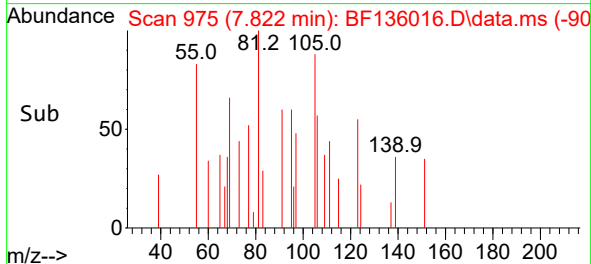
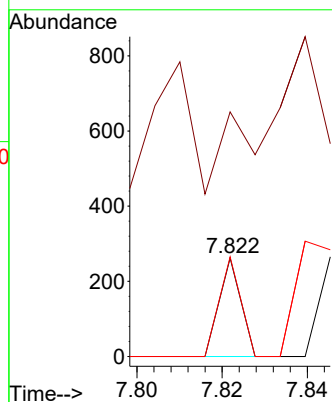
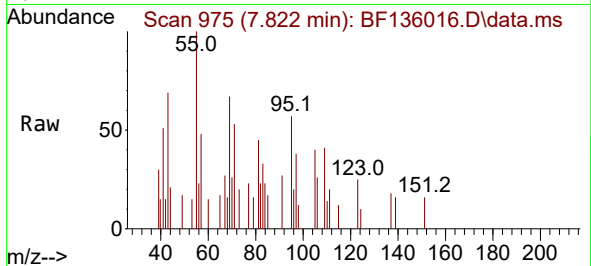




#26
2-Nitrophenol
Concen: 3.116 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.100 min
Lab File: BF136016.D
Acq: 28 Oct 2023 20:46

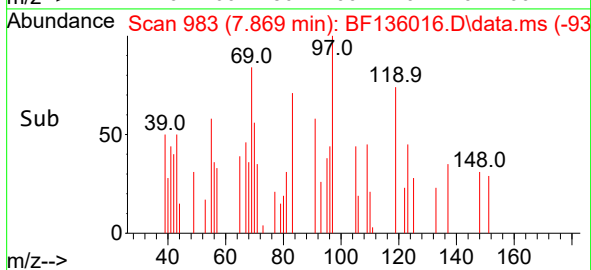
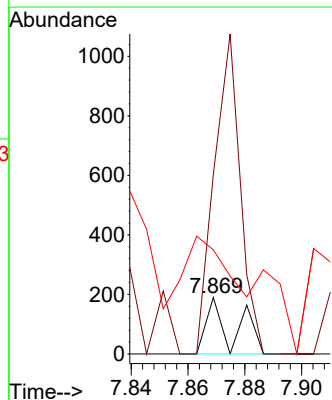
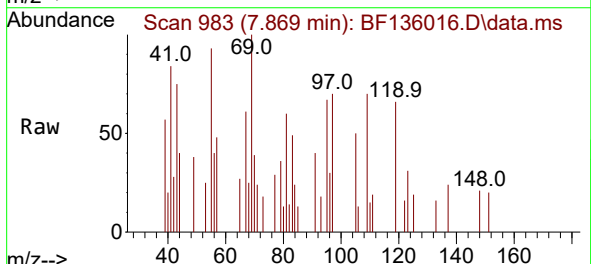
Instrument :
BNA_F
ClientSampleId :
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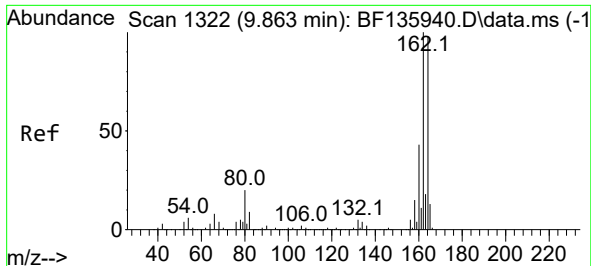
Tgt Ion:139 Resp: 92
Ion Ratio Lower Upper
139 100
109 248.5 23.1 34.7#
65 101.1 39.8 59.8#



#32
Benzoic acid
Concen: 5.749 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF136016.D
Acq: 28 Oct 2023 20:46

Tgt Ion:122 Resp: 125
Ion Ratio Lower Upper
122 100
105 317.4 113.1 153.1#
77 184.2 75.2 115.2#

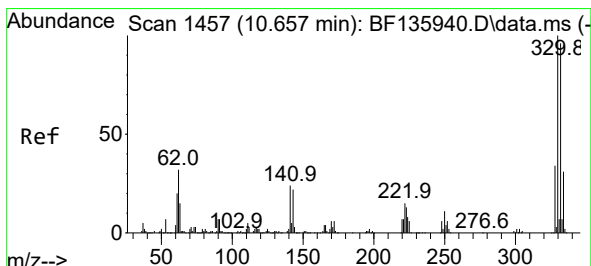
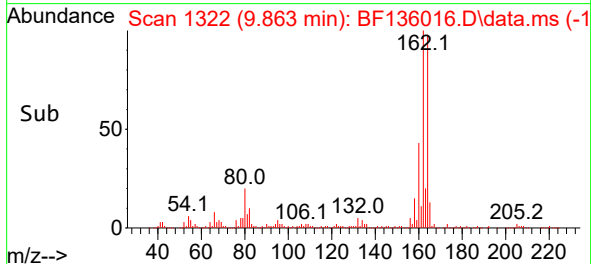
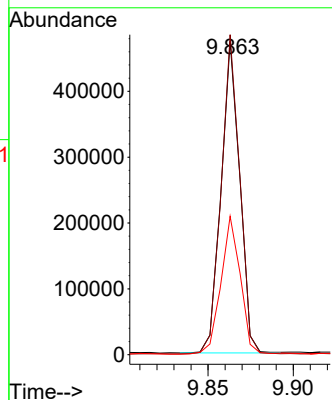
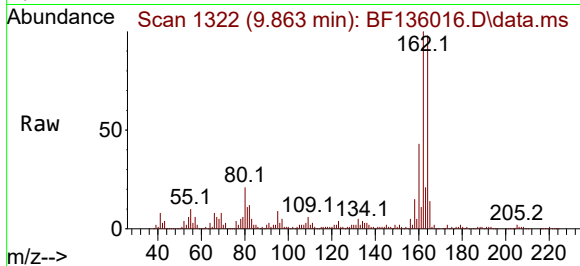




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF136016.D
Acq: 28 Oct 2023 20:46

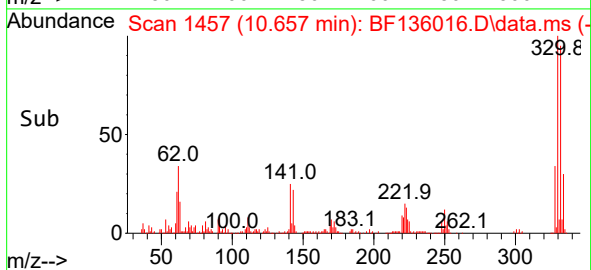
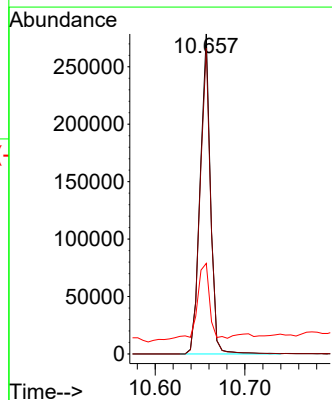
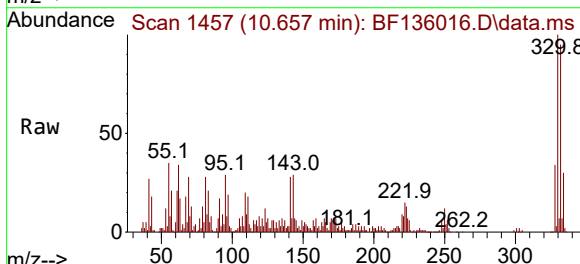
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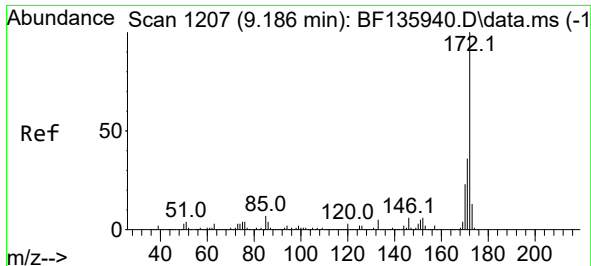
Tgt Ion:164 Resp: 359879
Ion Ratio Lower Upper
164 100
162 102.1 82.0 123.0
160 44.2 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 70.552 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF136016.D
Acq: 28 Oct 2023 20:46

Tgt Ion:330 Resp: 222239
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.2
141 33.3 24.9 37.3

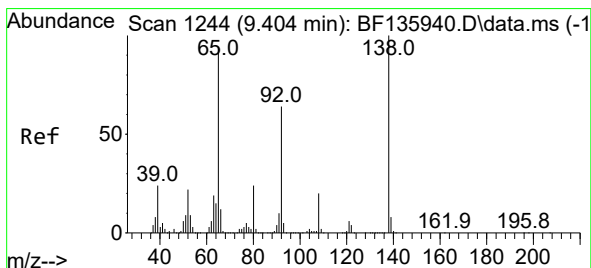
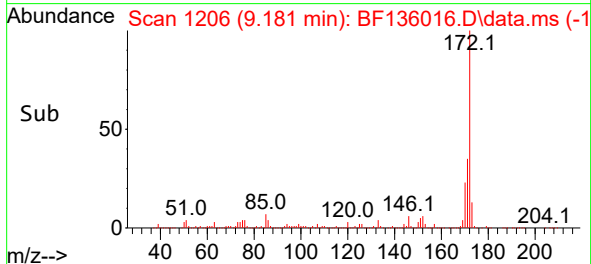
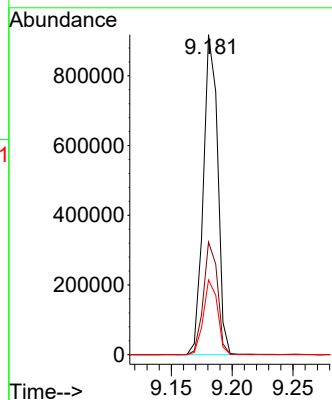
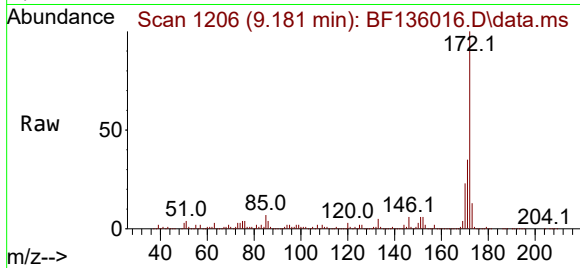




#45
2-Fluorobiphenyl
Concen: 33.617 ng
RT: 9.181 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136016.D
Acq: 28 Oct 2023 20:46

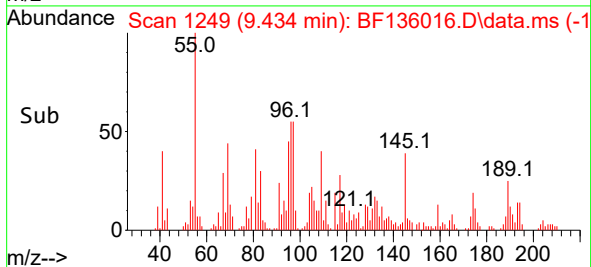
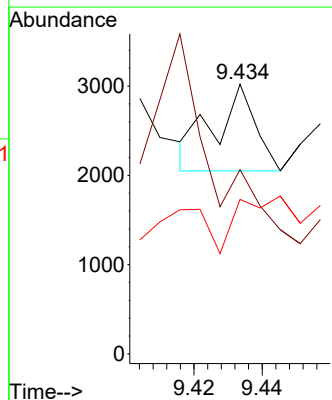
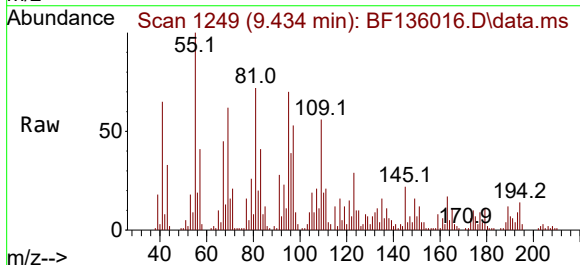
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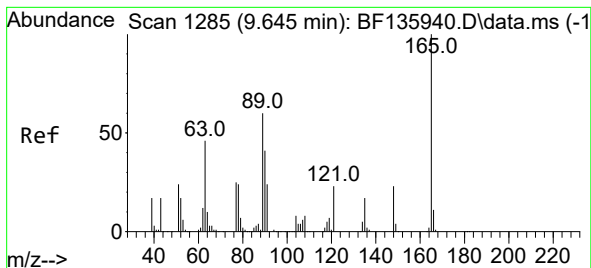
Tgt Ion:172 Resp: 755546
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.3 18.6 28.0



#48
2-Nitroaniline
Concen: 4.365 ng
RT: 9.434 min Scan# 1249
Delta R.T. 0.030 min
Lab File: BF136016.D
Acq: 28 Oct 2023 20:46

Tgt Ion: 65 Resp: 809
Ion Ratio Lower Upper
65 100
92 68.3 54.9 82.3
138 57.2 85.2 127.8#





#51

2,6-Dinitrotoluene

Concen: 5.536 ng

RT: 9.663 min Scan# 1288

Delta R.T. 0.018 min

Lab File: BF136016.D

Acq: 28 Oct 2023 20:46

Instrument :

BNA_F

ClientSampleId :

CHRT-20058

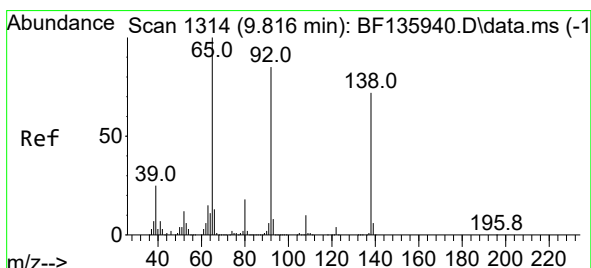
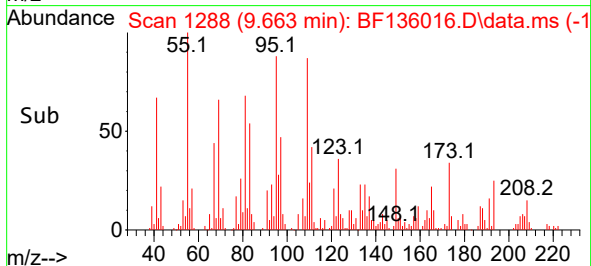
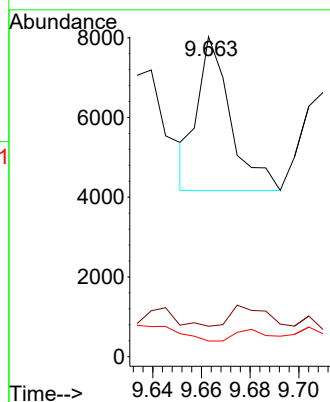
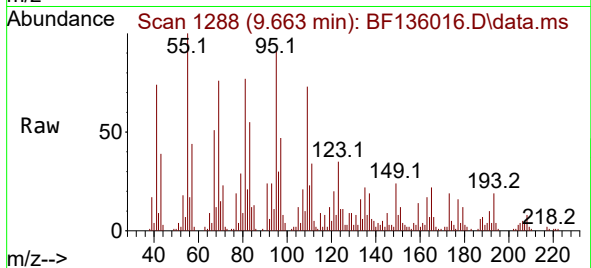
Tgt Ion:165 Resp: 3626

Ion Ratio Lower Upper

165 100

63 9.5 51.7 77.5#

89 4.9 48.3 72.5#



#53

3-Nitroaniline

Concen: 5.224 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.000 min

Lab File: BF136016.D

Acq: 28 Oct 2023 20:46

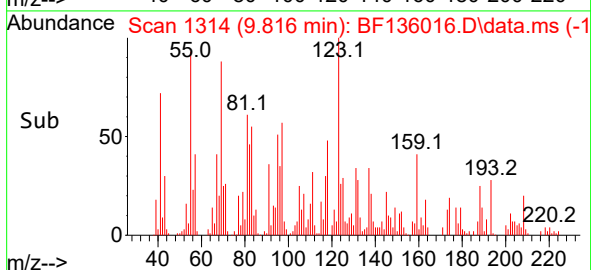
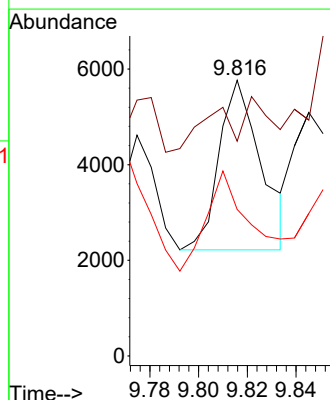
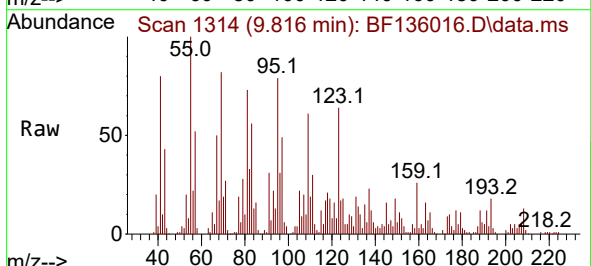
Tgt Ion:138 Resp: 4239

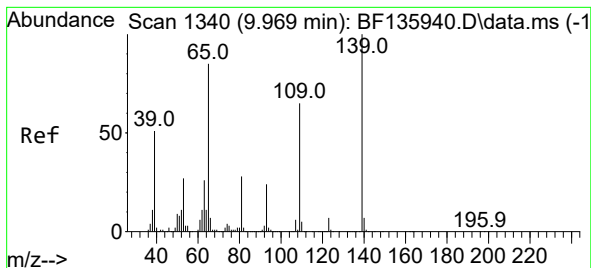
Ion Ratio Lower Upper

138 100

108 77.9 11.3 16.9#

92 53.2 95.0 142.6#

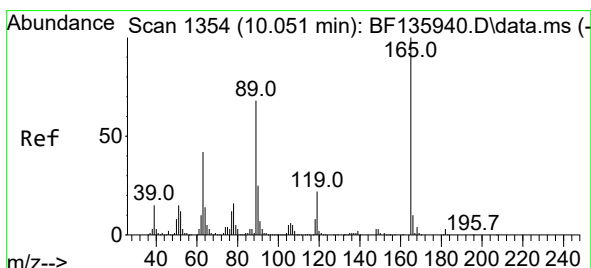
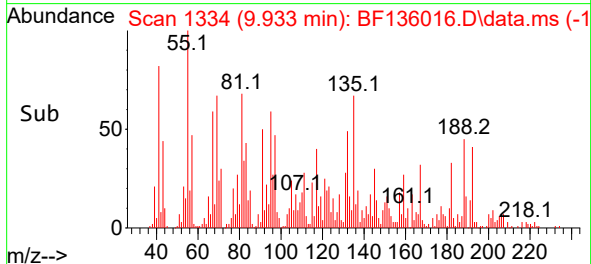
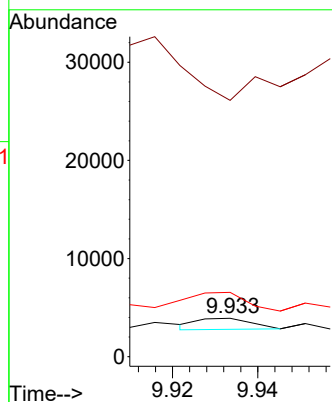
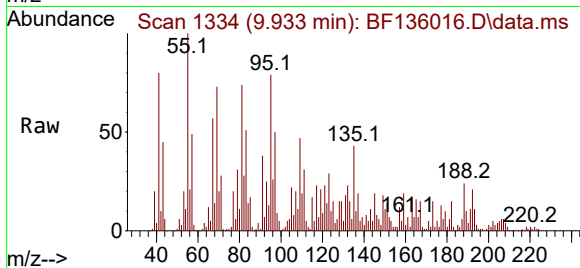




#56
4-Nitrophenol
Concen: 6.380 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.036 min
Lab File: BF136016.D
Acq: 28 Oct 2023 20:46

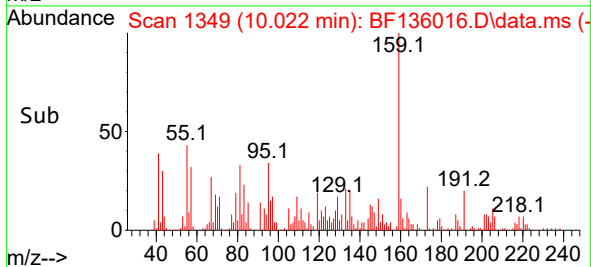
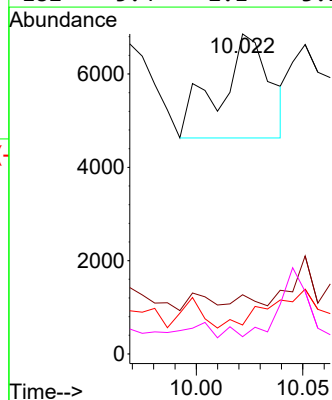
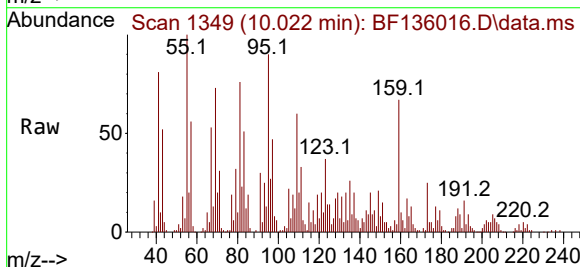
Instrument :
BNA_F
ClientSampleId :
CHRT-20058

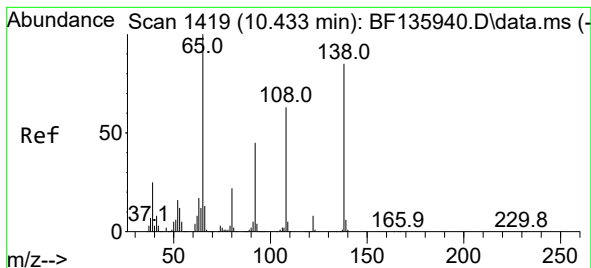
Tgt Ion:139 Resp: 999
Ion Ratio Lower Upper
139 100
109 666.5 45.2 85.2#
65 167.5 65.1 105.1#



#57
2,4-Dinitrotoluene
Concen: 6.362 ng
RT: 10.022 min Scan# 1349
Delta R.T. -0.029 min
Lab File: BF136016.D
Acq: 28 Oct 2023 20:46

Tgt Ion:165 Resp: 3643
Ion Ratio Lower Upper
165 100
63 18.5 33.7 50.5#
89 9.0 54.6 81.8#
182 5.4 2.1 3.1#

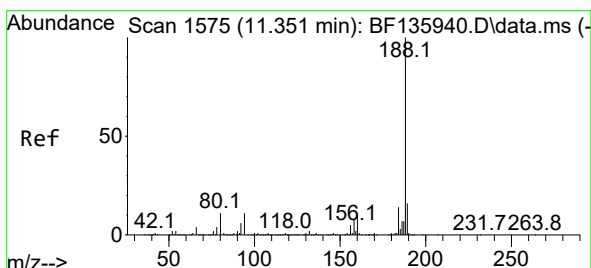
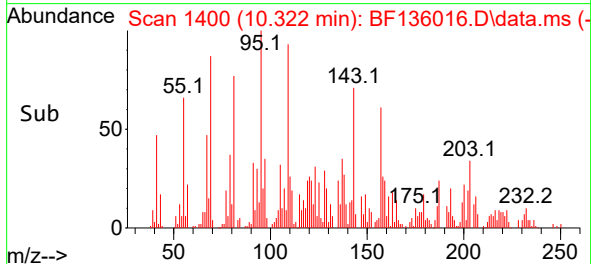
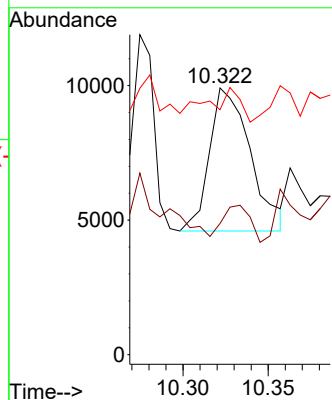
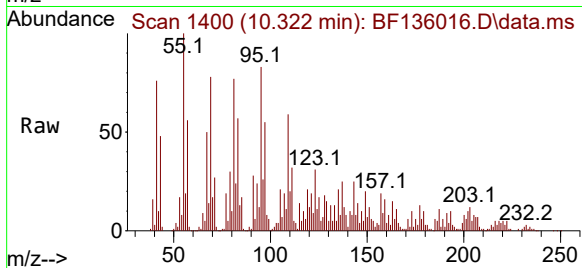




#62
4-Nitroaniline
Concen: 6.040 ng
RT: 10.322 min Scan# 1419
Delta R.T. -0.111 min
Lab File: BF136016.D
Acq: 28 Oct 2023 20:46

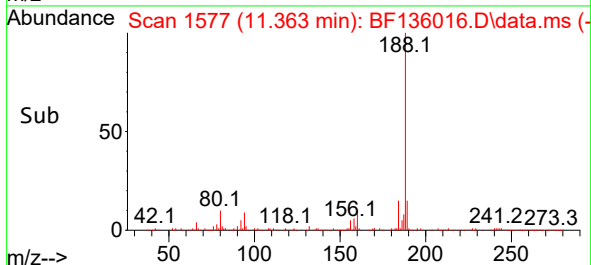
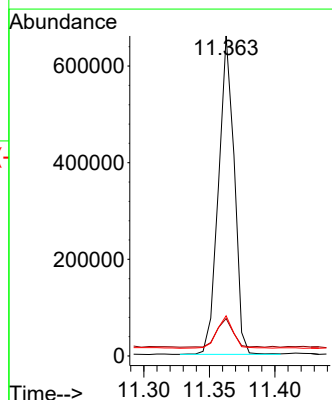
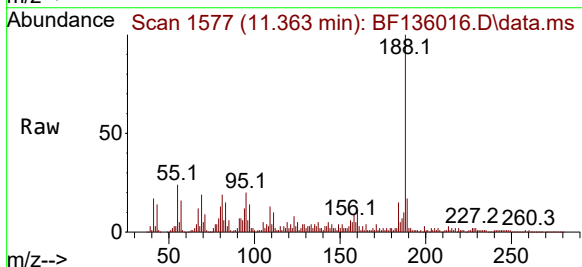
Instrument :
BNA_F
ClientSampleId :
CHRT-20058

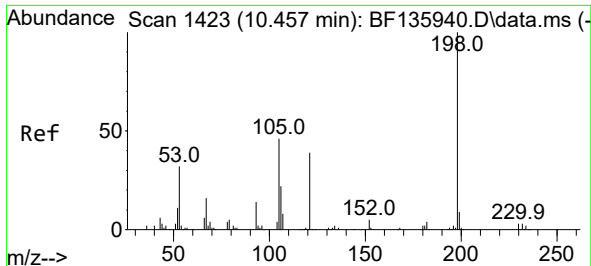
Tgt Ion:138 Resp: 8828
Ion Ratio Lower Upper
138 100
92 49.2 32.9 72.9
108 91.9 53.5 93.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.012 min
Lab File: BF136016.D
Acq: 28 Oct 2023 20:46

Tgt Ion:188 Resp: 548895
Ion Ratio Lower Upper
188 100
94 11.7 8.6 13.0
80 12.5 9.0 13.6

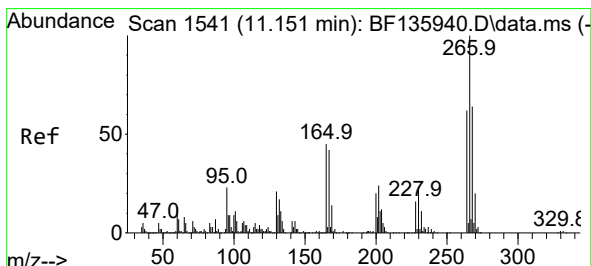
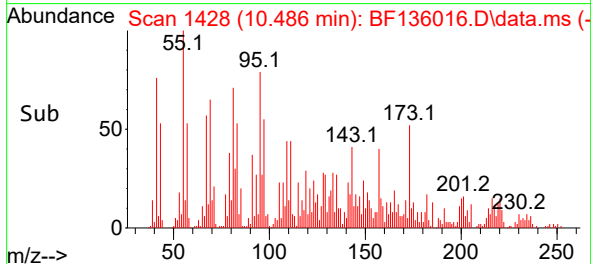
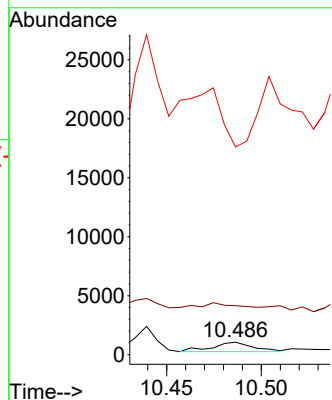
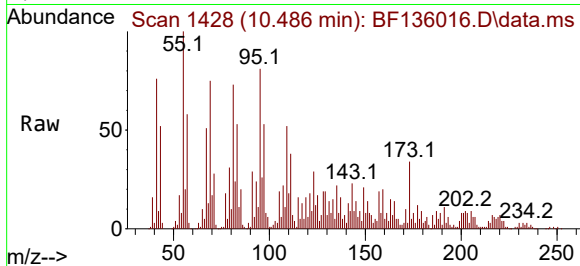




#65
4,6-Dinitro-2-methylphenol
Concen: 7.782 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.029 min
Lab File: BF136016.D
Acq: 28 Oct 2023 20:46

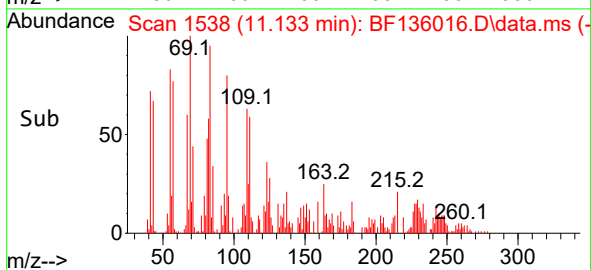
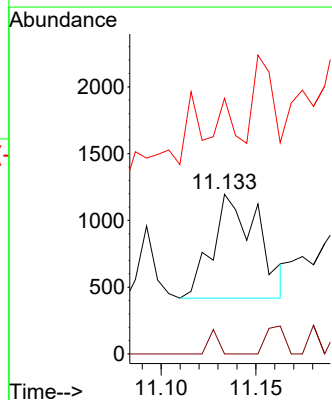
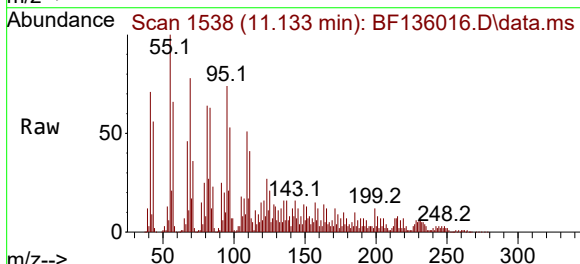
Instrument :
BNA_F
ClientSampleId :
CHRT-20058

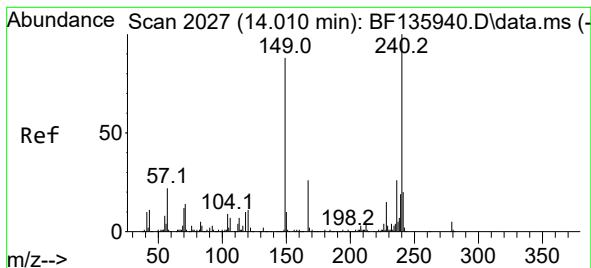
Tgt Ion:198 Resp: 1211
Ion Ratio Lower Upper
198 100
51 392.6 28.7 68.7#
105 1669.7 27.2 67.2#



#70
Pentachlorophenol
Concen: 4.549 ng
RT: 11.133 min Scan# 1538
Delta R.T. -0.018 min
Lab File: BF136016.D
Acq: 28 Oct 2023 20:46

Tgt Ion:266 Resp: 1303
Ion Ratio Lower Upper
266 100
268 0.0 50.8 76.2#
264 160.1 49.8 74.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF136016.D

Acq: 28 Oct 2023 20:46

Instrument :

BNA_F

ClientSampleId :

CHRT-20058

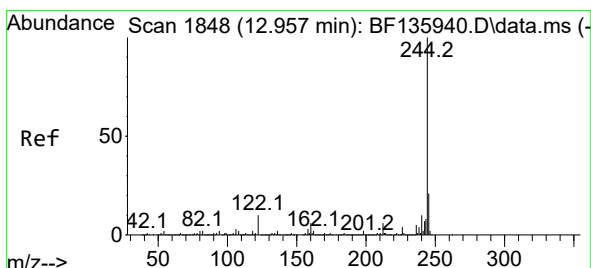
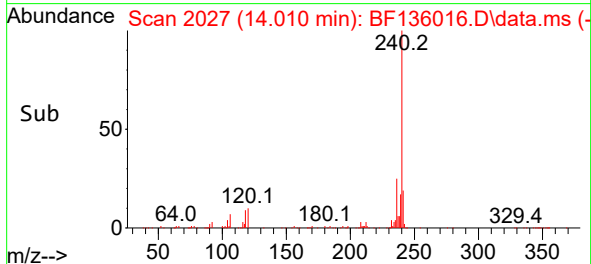
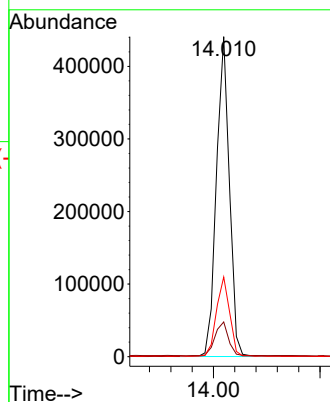
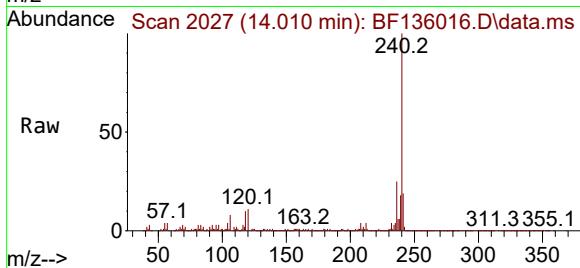
Tgt Ion:240 Resp: 370776

Ion Ratio Lower Upper

240 100

120 10.8 8.6 13.0

236 24.9 20.6 30.8



#79

Terphenyl-d14

Concen: 29.289 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.000 min

Lab File: BF136016.D

Acq: 28 Oct 2023 20:46

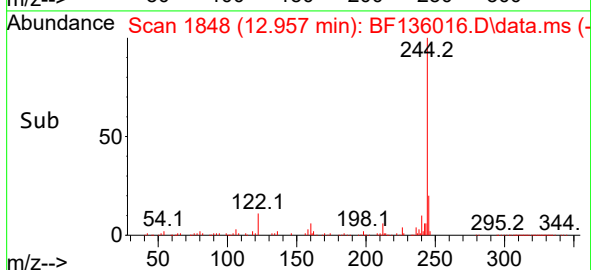
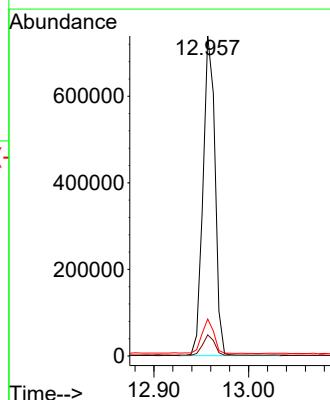
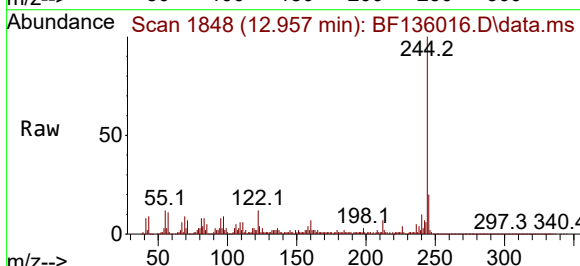
Tgt Ion:244 Resp: 649973

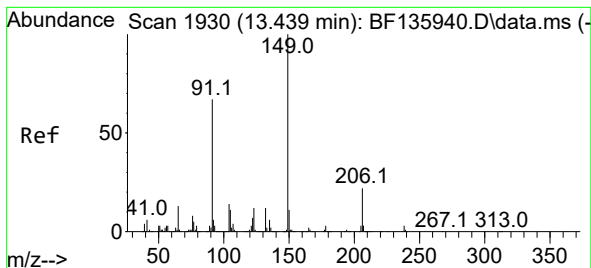
Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.6

122 11.6 8.0 12.0





#80

Butylbenzylphthalate

Concen: 3.912 ng

RT: 13.651 min Scan# 1930

Delta R.T. 0.212 min

Lab File: BF136016.D

Acq: 28 Oct 2023 20:46

Instrument :

BNA_F

ClientSampleId :

CHRT-20058

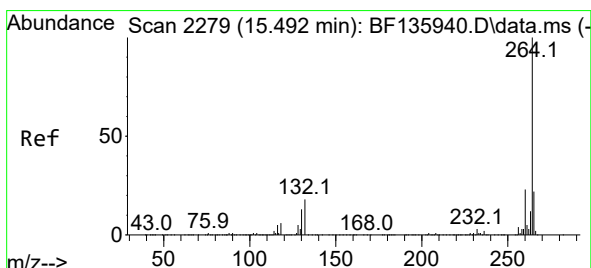
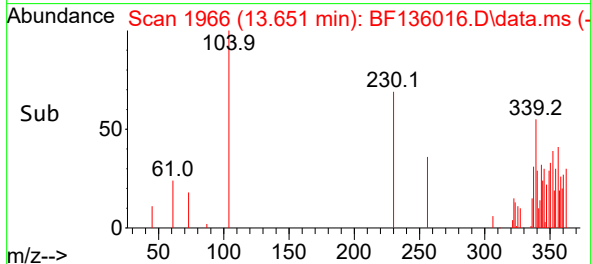
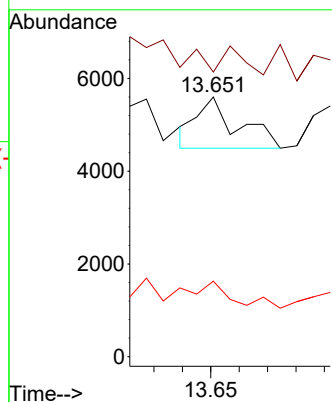
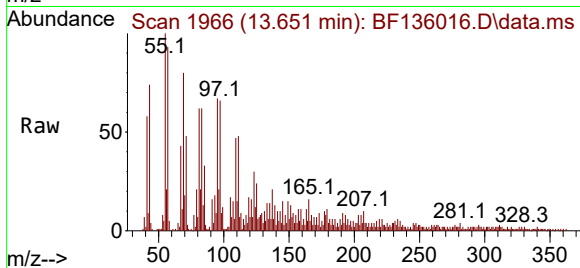
Tgt Ion:149 Resp: 1092

Ion Ratio Lower Upper

149 100

91 109.6 53.4 80.0#

206 29.1 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: BF136016.D

Acq: 28 Oct 2023 20:46

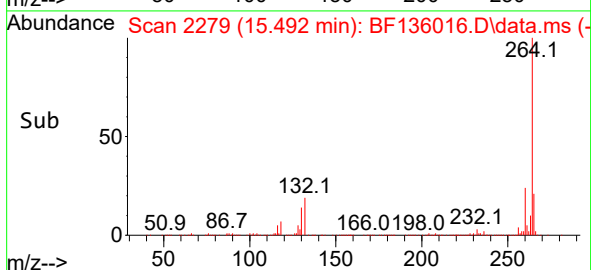
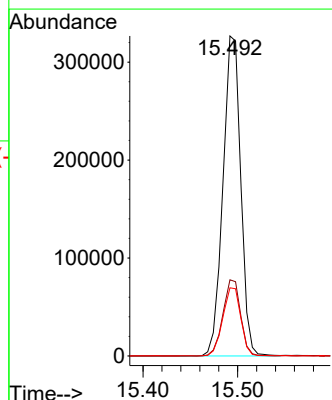
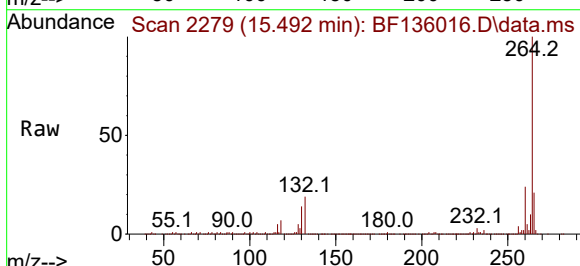
Tgt Ion:264 Resp: 426378

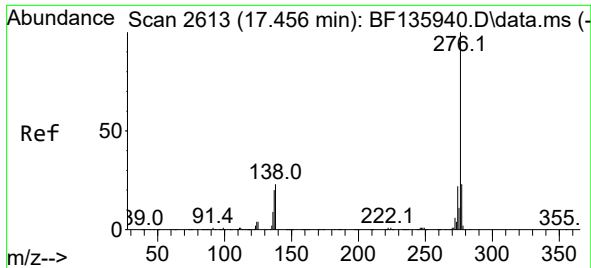
Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.3 17.3 25.9





#92
Benzo(g,h,i)perylene
Concen: 3.810 ng
RT: 17.445 min Scan# 20
Delta R.T. -0.011 min
Lab File: BF136016.D
Acq: 28 Oct 2023 20:46

Instrument :
BNA_F
ClientSampleId :
CHRT-20058

Tgt Ion:276 Resp: 1335
Ion Ratio Lower Upper
276 100
277 35.9 18.6 28.0#
138 29.2 18.4 27.6#

