

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
 Data File : BF132578.D
 Acq On : 28 Feb 2023 18:25
 Operator : CG\JU
 Sample : 01701-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-13-GW01

Quant Time: Mar 01 02:29:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

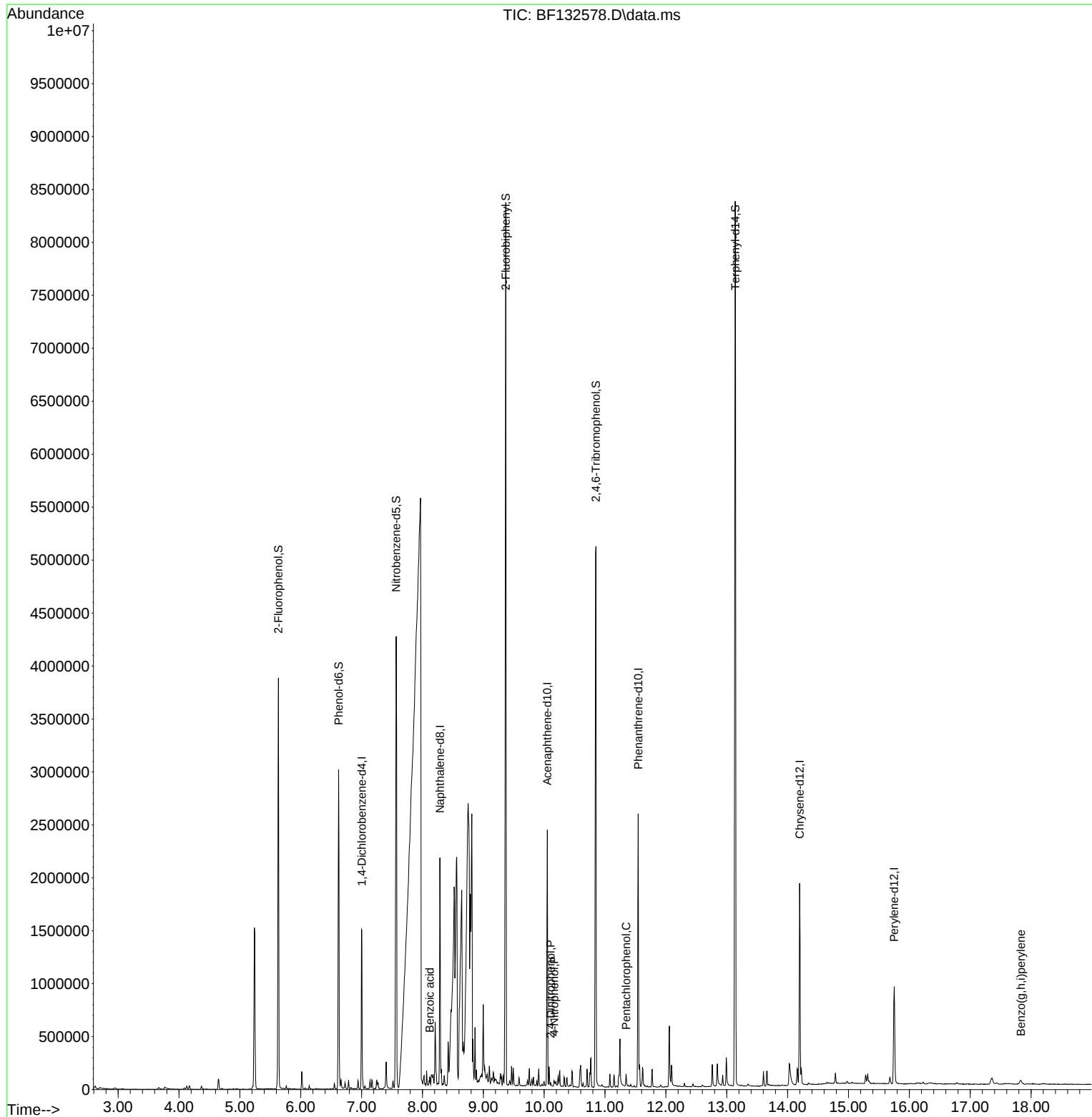
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.004	152	239085	20.000	ng	0.00
21) Naphthalene-d8	8.287	136	866856	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	466608	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	925506	20.000	ng	0.00
76) Chrysene-d12	14.198	240	608526	20.000	ng	# 0.00
86) Perylene-d12	15.751	264	458594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1081768	73.433	ng	0.00
7) Phenol-d6	6.622	99	1046735	54.445	ng	-0.01
23) Nitrobenzene-d5	7.569	82	1691024	92.552	ng	0.00
42) 2,4,6-Tribromophenol	10.851	330	758411	150.503	ng	0.00
45) 2-Fluorobiphenyl	9.369	172	2630594	85.843	ng	0.00
79) Terphenyl-d14	13.139	244	3463450	96.229	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	8.122	122	12376	4.898	ng	91
54) 2,4-Dinitrophenol	10.104	184	4491	2.745	ng	91
56) 4-Nitrophenol	10.163	139	13023	2.018	ng	92
70) Pentachlorophenol	11.345	266	15170	2.315	ng	96
92) Benzo(g,h,i)perylene	17.833	276	31566	2.717	ng	94

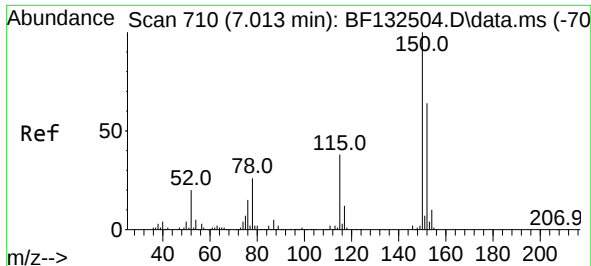
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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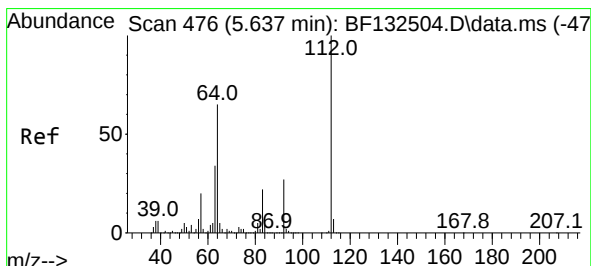
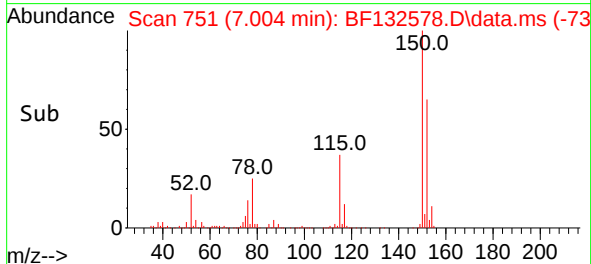
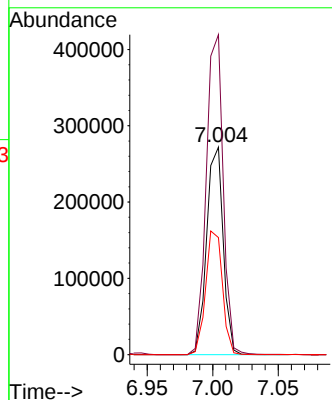
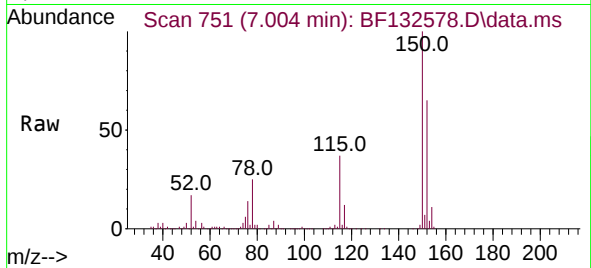




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.004 min Scan# 710
Delta R.T. -0.003 min
Lab File: BF132578.D
Acq: 28 Feb 2023 18:25

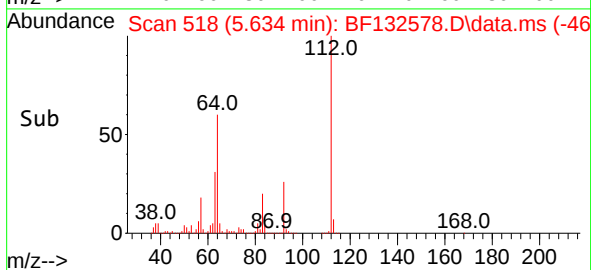
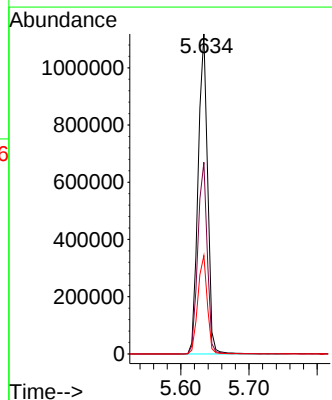
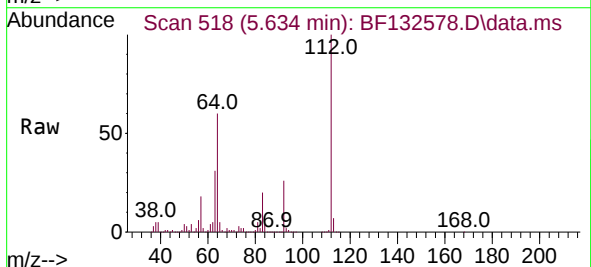
Instrument :
BNA_F
ClientSampleId :
B-13-GW01

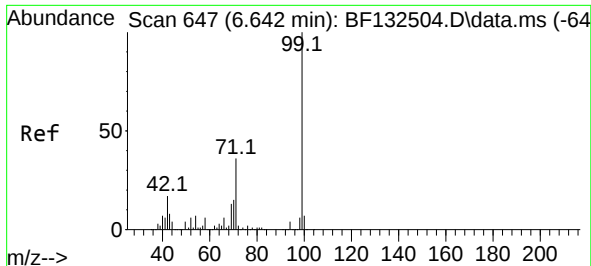
Tgt Ion:152 Resp: 239085
Ion Ratio Lower Upper
152 100
150 154.3 125.4 188.2
115 56.4 47.8 71.6



#5
2-Fluorophenol
Concen: 73.433 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132578.D
Acq: 28 Feb 2023 18:25

Tgt Ion:112 Resp: 1081768
Ion Ratio Lower Upper
112 100
64 59.9 51.6 77.4
63 30.7 27.4 41.2

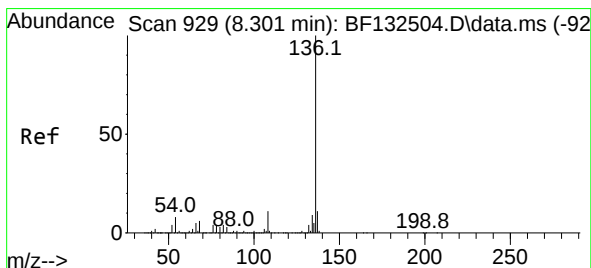
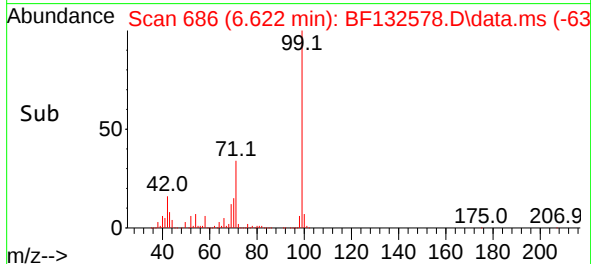
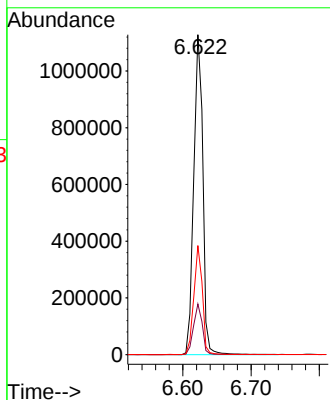
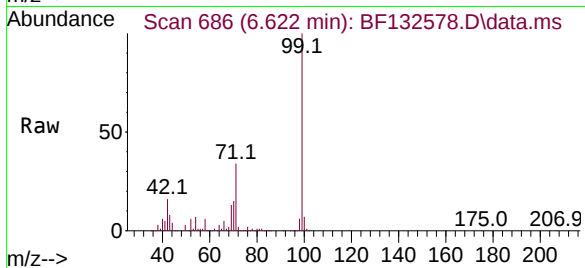




#7
Phenol-d6
Concen: 54.445 ng
RT: 6.622 min Scan# 61
Delta R.T. -0.015 min
Lab File: BF132578.D
Acq: 28 Feb 2023 18:25

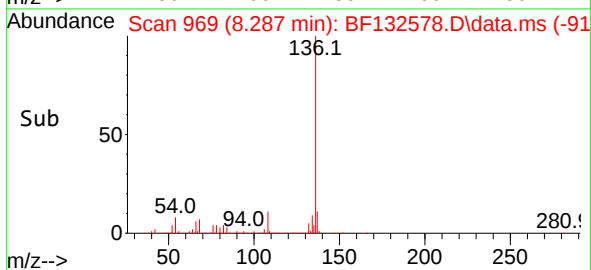
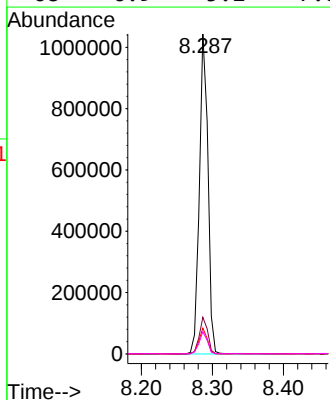
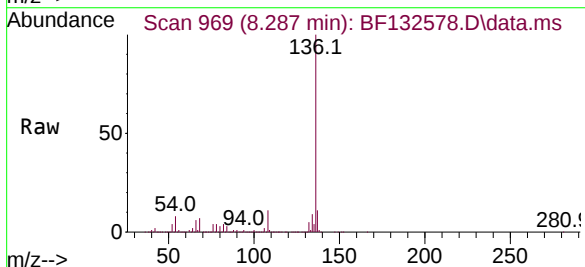
Instrument :
BNA_F
ClientSampleId :
B-13-GW01

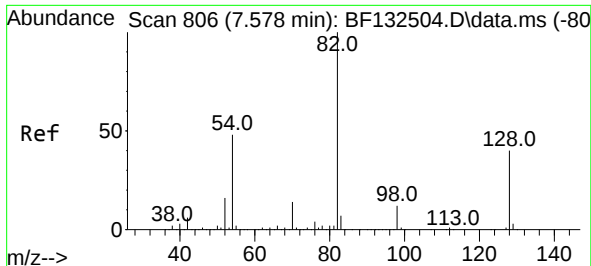
Tgt Ion: 99 Resp: 1046735
Ion Ratio Lower Upper
99 100
42 15.8 13.9 20.9
71 34.1 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.287 min Scan# 969
Delta R.T. -0.003 min
Lab File: BF132578.D
Acq: 28 Feb 2023 18:25

Tgt Ion:136 Resp: 866856
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 8.1 6.2 9.4
68 6.9 5.2 7.8





#23

Nitrobenzene-d5

Concen: 92.552 ng

RT: 7.569 min Scan# 84

Delta R.T. -0.003 min

Lab File: BF132578.D

Acq: 28 Feb 2023 18:25

Instrument :

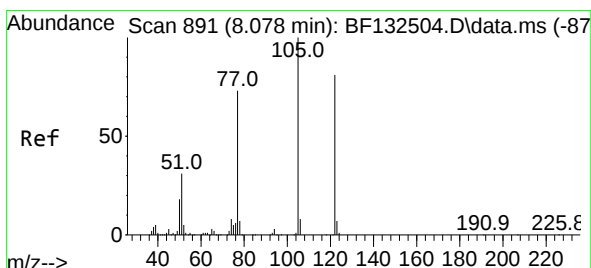
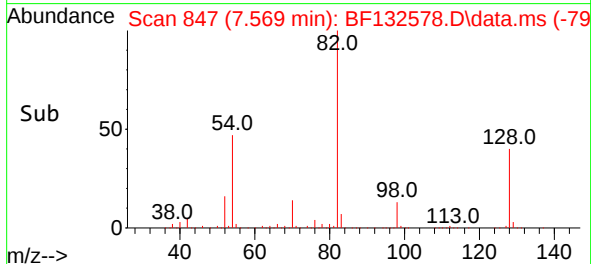
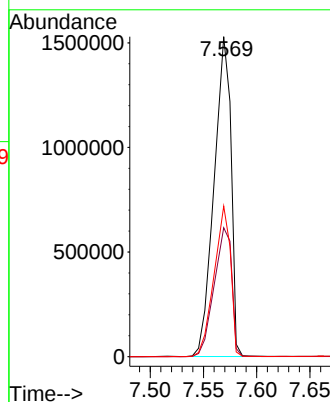
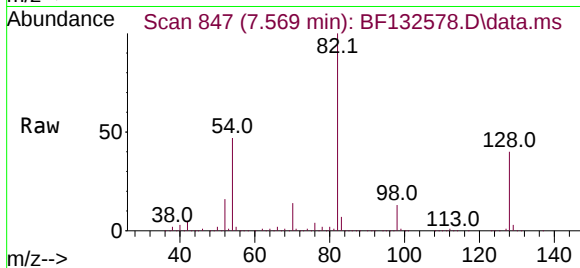
BNA_F

ClientSampleId :

B-13-GW01

Tgt Ion: 82 Resp: 1691024

Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.2	48.2
54	47.0	38.4	57.6



#32

Benzoic acid

Concen: 4.898 ng

RT: 8.122 min Scan# 941

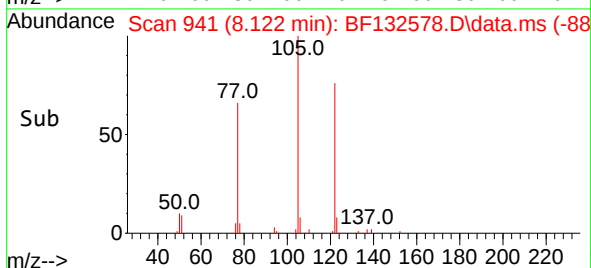
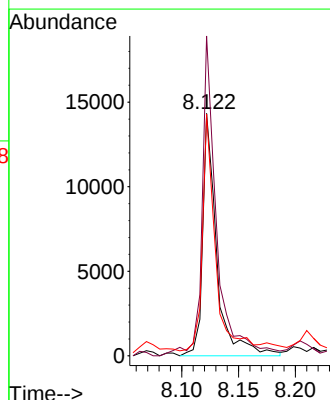
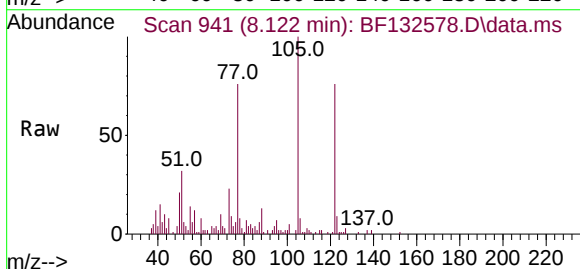
Delta R.T. 0.056 min

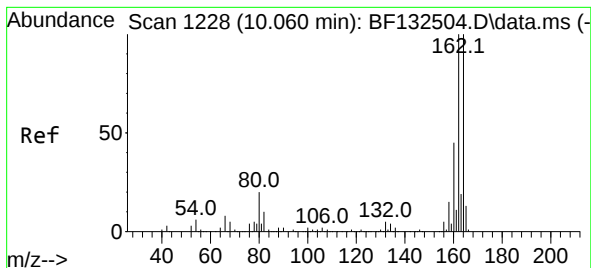
Lab File: BF132578.D

Acq: 28 Feb 2023 18:25

Tgt Ion: 122 Resp: 12376

Ion	Ratio	Lower	Upper
122	100		
105	132.1	102.6	142.6
77	99.8	70.2	110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.051 min Scan# 1405

Delta R.T. -0.003 min

Lab File: BF132578.D

Acq: 28 Feb 2023 18:25

Instrument :

BNA_F

ClientSampleId :

B-13-GW01

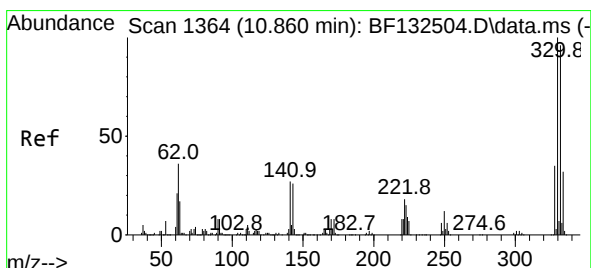
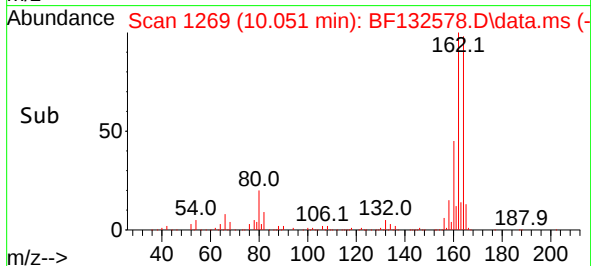
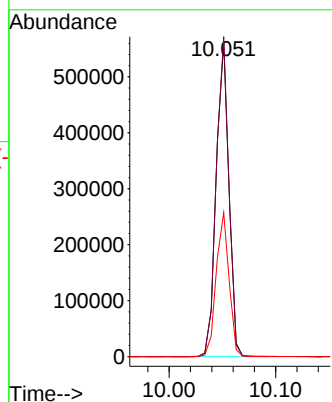
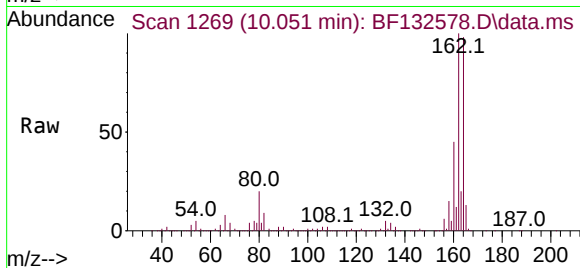
Tgt Ion:164 Resp: 466608

Ion Ratio Lower Upper

164 100

162 102.0 79.8 119.8

160 45.9 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 150.503 ng

RT: 10.851 min Scan# 1405

Delta R.T. 0.003 min

Lab File: BF132578.D

Acq: 28 Feb 2023 18:25

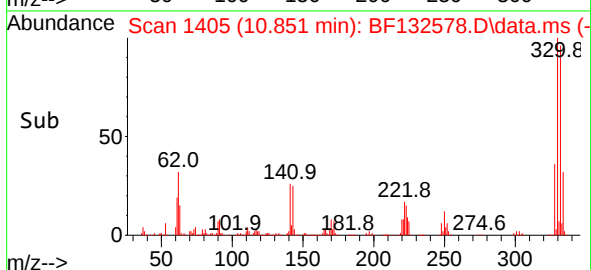
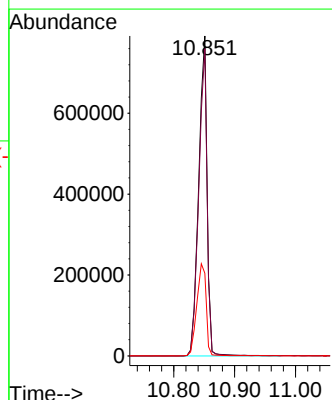
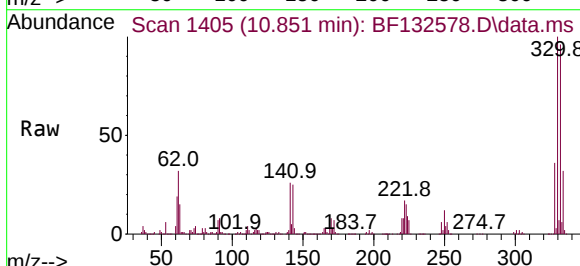
Tgt Ion:330 Resp: 758411

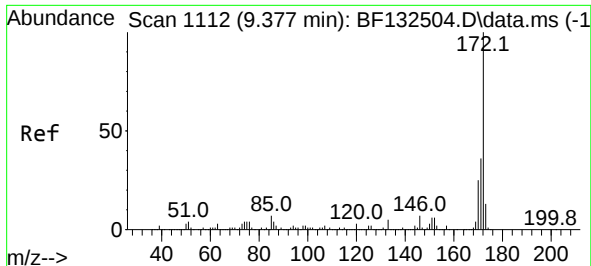
Ion Ratio Lower Upper

330 100

332 95.3 76.2 114.4

141 32.2 28.4 42.6

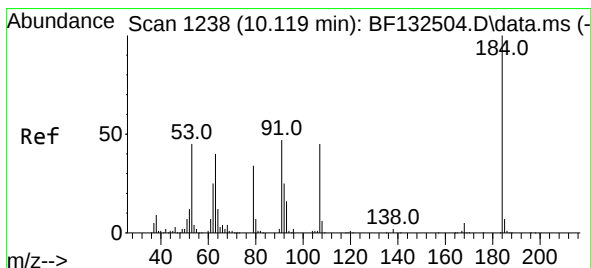
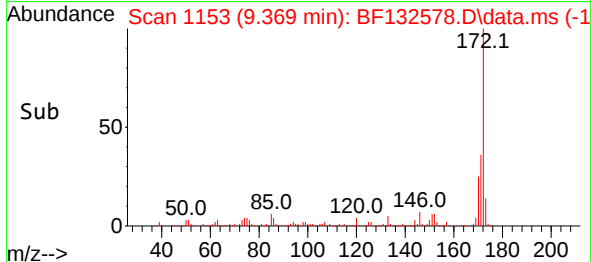
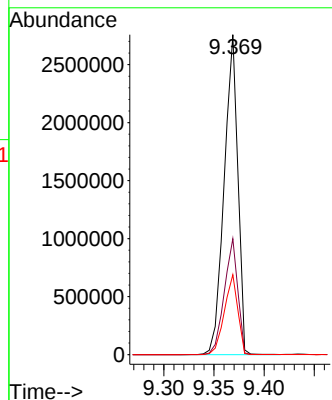
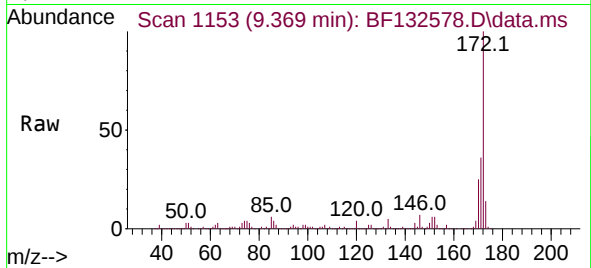




#45
2-Fluorobiphenyl
Concen: 85.843 ng
RT: 9.369 min Scan# 1112
Delta R.T. -0.003 min
Lab File: BF132578.D
Acq: 28 Feb 2023 18:25

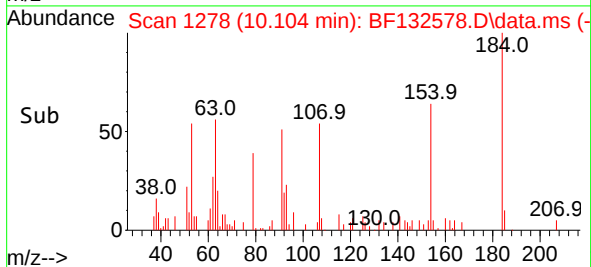
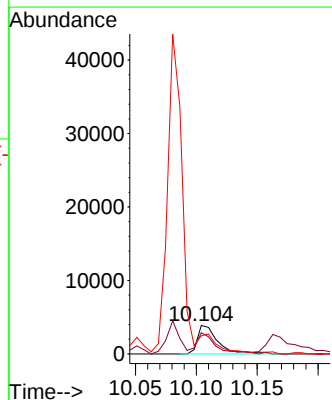
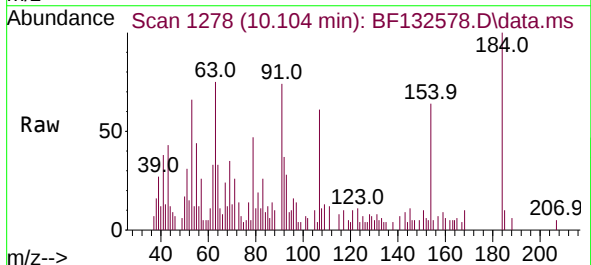
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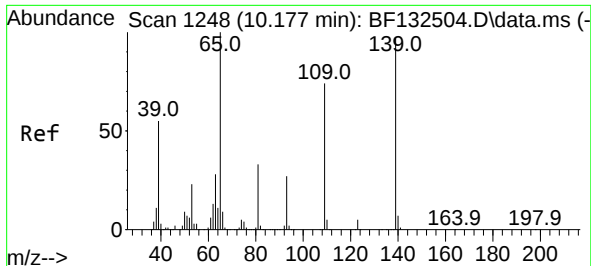
Tgt Ion:172 Resp: 2630594
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 25.0 19.7 29.5



#54
2,4-Dinitrophenol
Concen: 2.745 ng
RT: 10.104 min Scan# 1278
Delta R.T. -0.009 min
Lab File: BF132578.D
Acq: 28 Feb 2023 18:25

Tgt Ion:184 Resp: 4491
Ion Ratio Lower Upper
184 100
63 74.9 51.4 77.2
154 63.8 48.3 72.5

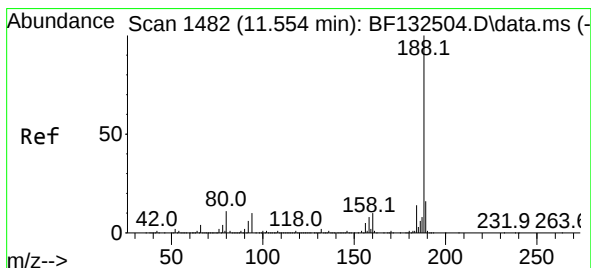
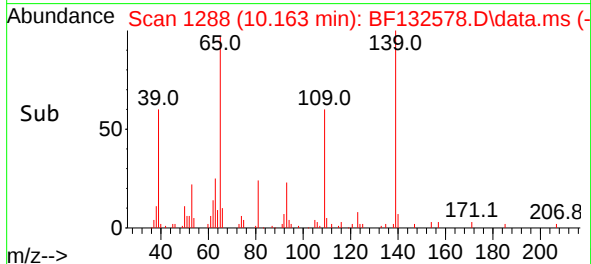
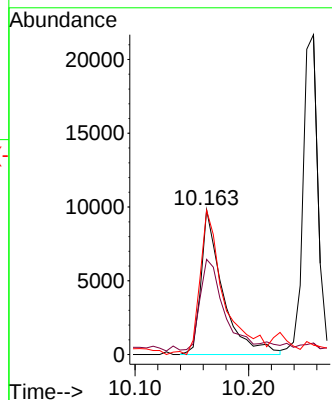
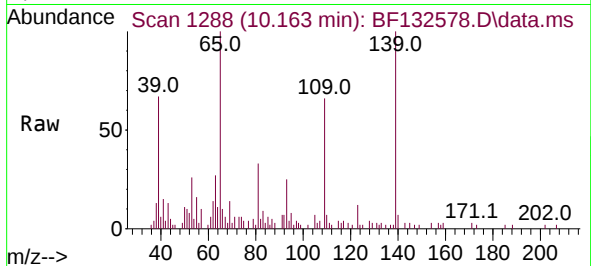




#56
4-Nitrophenol
Concen: 2.018 ng
RT: 10.163 min Scan# 11
Delta R.T. -0.003 min
Lab File: BF132578.D
Acq: 28 Feb 2023 18:25

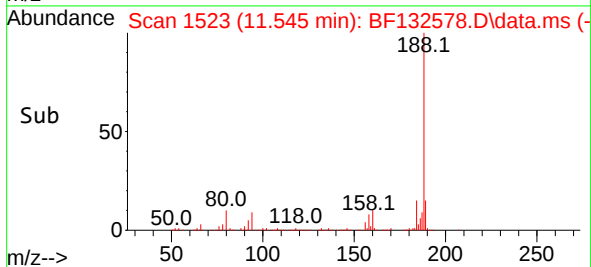
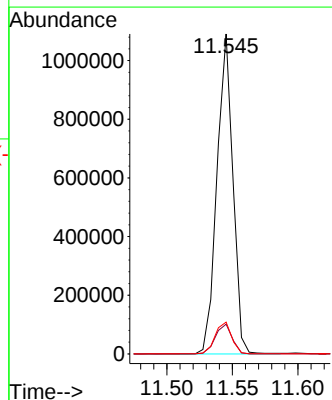
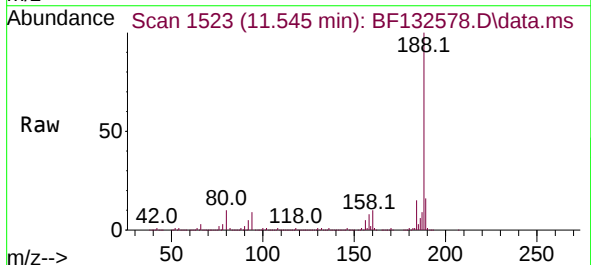
Instrument :
BNA_F
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B-13-GW01

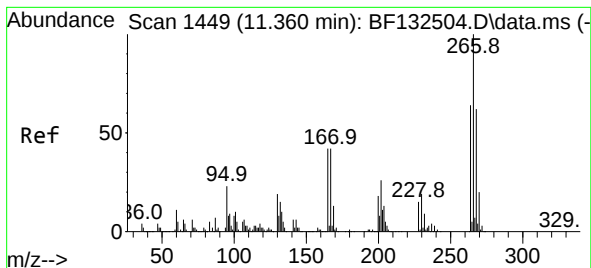
Tgt Ion:139 Resp: 13023
Ion Ratio Lower Upper
139 100
109 65.7 56.7 96.7
65 99.7 83.5 123.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132578.D
Acq: 28 Feb 2023 18:25

Tgt Ion:188 Resp: 925506
Ion Ratio Lower Upper
188 100
94 9.3 8.3 12.5
80 9.9 8.7 13.1





#70

Pentachlorophenol

Concen: 2.315 ng

RT: 11.345 min Scan# 1449

Delta R.T. -0.003 min

Lab File: BF132578.D

Acq: 28 Feb 2023 18:25

Instrument :

BNA_F

ClientSampleId :

B-13-GW01

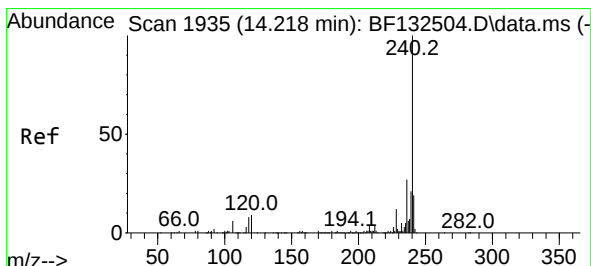
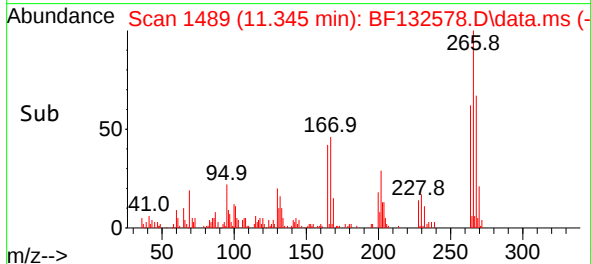
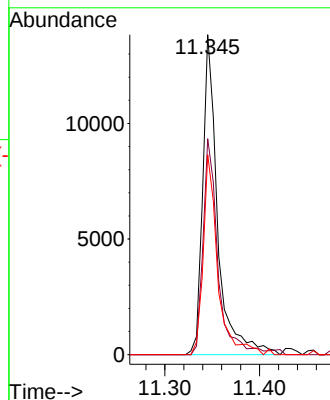
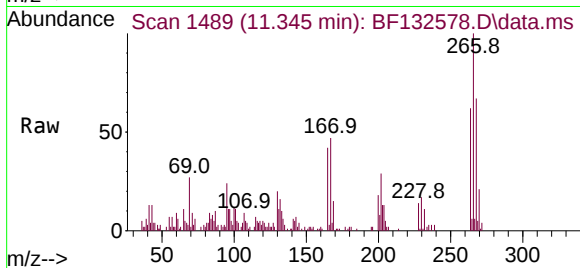
Tgt Ion:266 Resp: 15170

Ion Ratio Lower Upper

266 100

268 67.5 49.8 74.6

264 62.5 50.9 76.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.198 min Scan# 1974

Delta R.T. -0.009 min

Lab File: BF132578.D

Acq: 28 Feb 2023 18:25

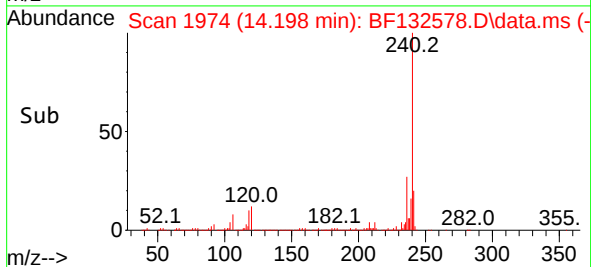
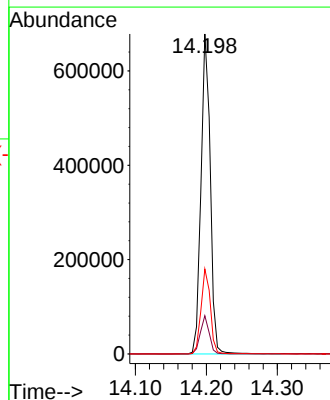
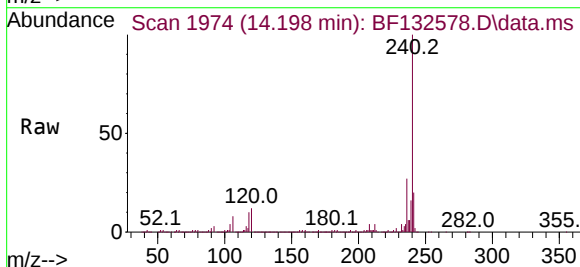
Tgt Ion:240 Resp: 608526

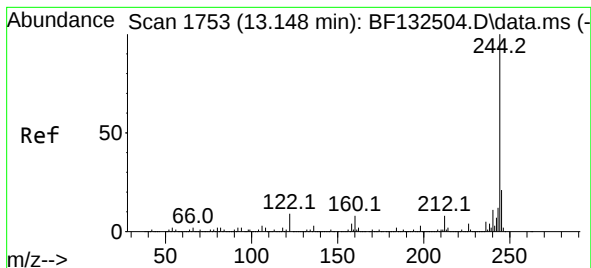
Ion Ratio Lower Upper

240 100

120 11.9 7.2 10.8#

236 26.5 21.8 32.6





#79

Terphenyl-d14

Concen: 96.229 ng

RT: 13.139 min Scan# 11

Delta R.T. -0.003 min

Lab File: BF132578.D

Acq: 28 Feb 2023 18:25

Instrument :

BNA_F

ClientSampleId :

B-13-GW01

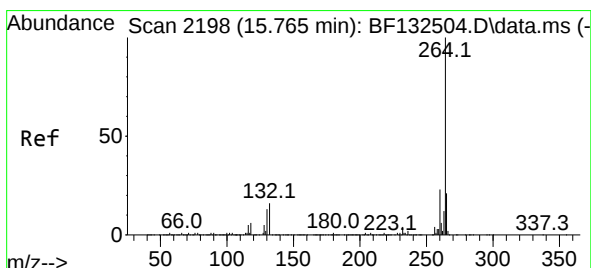
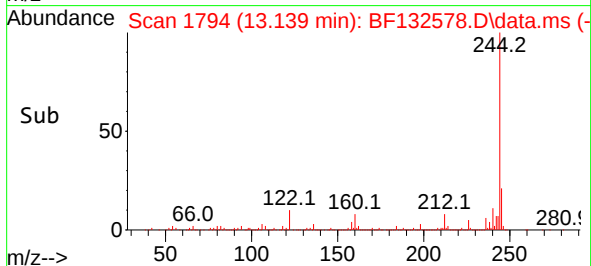
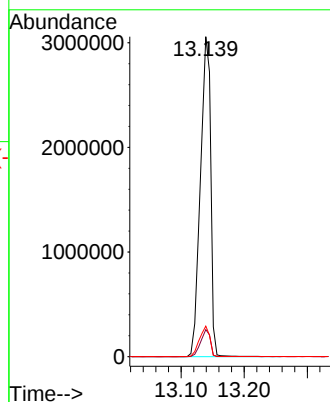
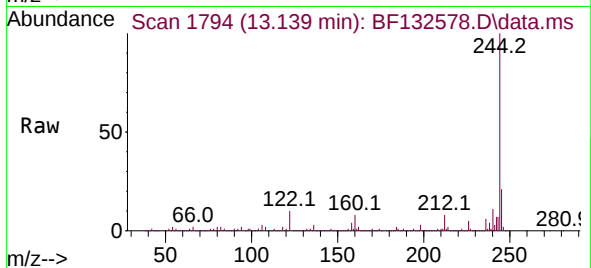
Tgt Ion:244 Resp: 3463450

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

122 9.5 7.5 11.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.751 min Scan# 2238

Delta R.T. -0.003 min

Lab File: BF132578.D

Acq: 28 Feb 2023 18:25

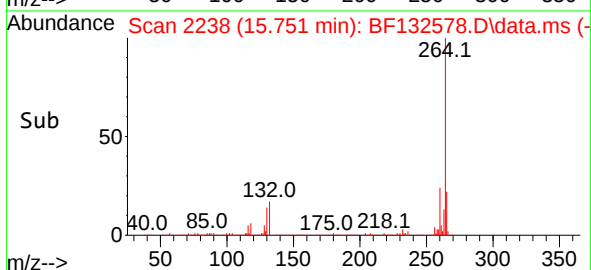
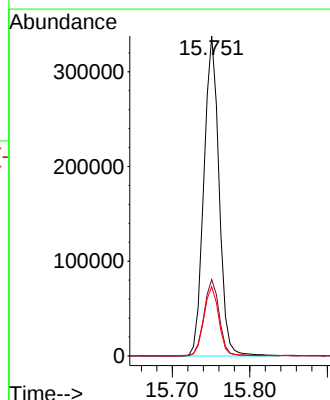
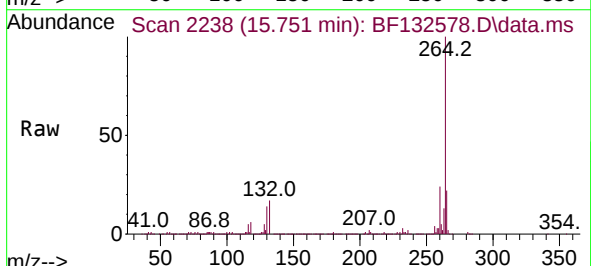
Tgt Ion:264 Resp: 458594

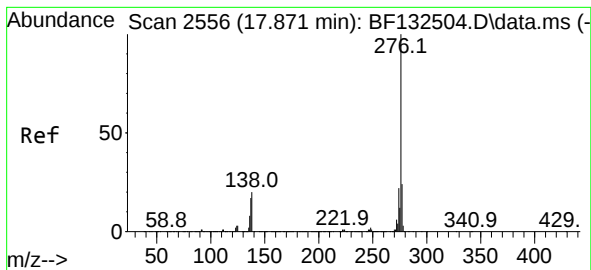
Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.7 17.1 25.7





#92

Benzo(g,h,i)perylene

Concen: 2.717 ng

RT: 17.833 min Scan# 21

Delta R.T. -0.020 min

Lab File: BF132578.D

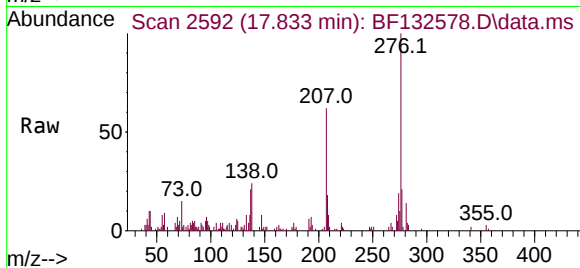
Acq: 28 Feb 2023 18:25

Instrument :

BNA_F

ClientSampleId :

B-13-GW01



Tgt Ion:276 Resp: 31566

Ion Ratio Lower Upper

276 100

277 20.9 18.9 28.3

138 23.7 16.2 24.4

