

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122320\
 Data File : BM028248.D
 Acq On : 23 Dec 2020 12:59
 Operator : JU/CG
 Sample : L5176-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CHRT-27339

Quant Time: Dec 23 14:24:32 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 23 12:17:02 2020
 Response via : Initial Calibration

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

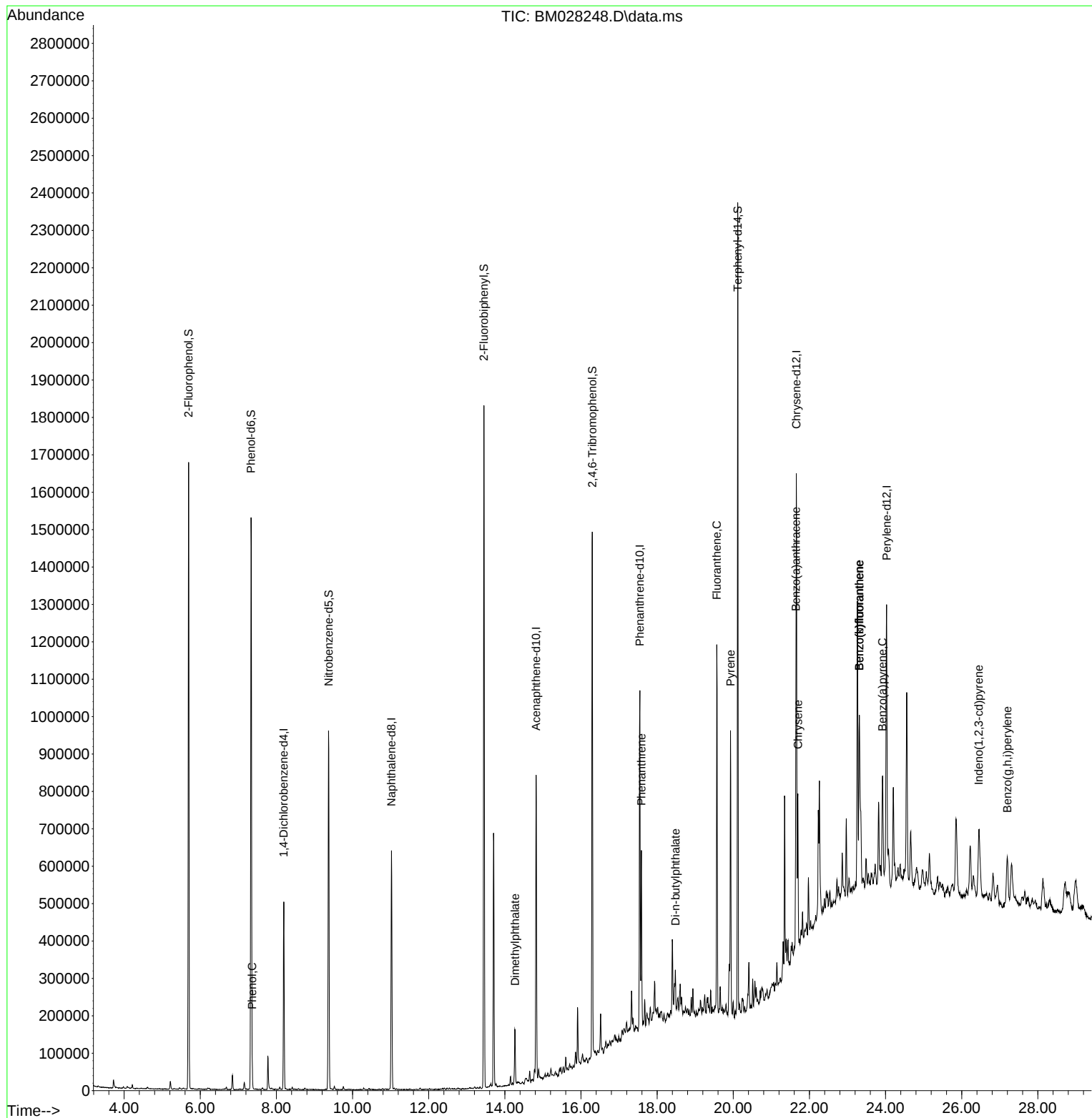
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.193	152	134766	20.00	ng	0.00
21) Naphthalene-d8	11.022	136	508463	20.00	ng	# 0.00
39) Acenaphthene-d10	14.822	164	265497	20.00	ng	0.00
64) Phenanthrene-d10	17.545	188	499446	20.00	ng	# 0.00
76) Chrysene-d12	21.656	240	487585	20.00	ng	# 0.00
86) Perylene-d12	24.027	264	505137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	673897	82.40	ng	0.00
7) Phenol-d6	7.334	99	836442	71.63	ng	0.00
23) Nitrobenzene-d5	9.369	82	517966	50.55	ng	0.00
42) 2,4,6-Tribromophenol	16.298	330	244647	69.42	ng	0.00
45) 2-Fluorobiphenyl	13.451	172	912301	44.67	ng	0.00
79) Terphenyl-d14	20.115	244	897316	33.39	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.363	94	27242	2.46	ng	84
32) Benzoic acid	10.234	122	53	Below Cal	#	13
50) Dimethylphthalate	14.269	163	89521	4.06	ng	99
71) Phenanthrene	17.586	178	268360	8.85	ng	99
74) Di-n-butylphthalate	18.480	149	74895	2.17	ng	99
75) Fluoranthene	19.568	202	538353	15.85	ng	95
78) Pyrene	19.927	202	429252	12.16	ng	98
81) Benzo(a)anthracene	21.645	228	216549	6.52	ng	99
83) Chrysene	21.698	228	243360	7.57	ng	98
87) Indeno(1,2,3-cd)pyrene	26.450	276	151008	4.50	ng	# 94
88) Benzo(b)fluoranthene	23.309	252	315653	9.17	ng	# 90
89) Benzo(k)fluoranthene	23.309	252	315653	9.44	ng	# 90
90) Benzo(a)pyrene	23.921	252	202274	6.55	ng	# 94
92) Benzo(g,h,i)perylene	27.197	276	147827	5.52	ng	# 85

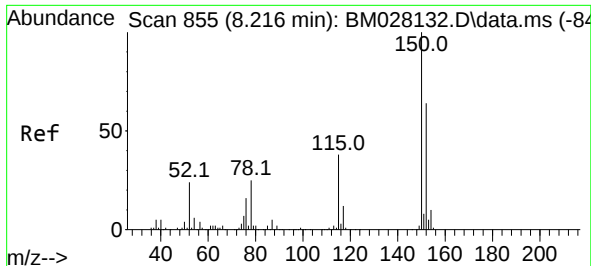
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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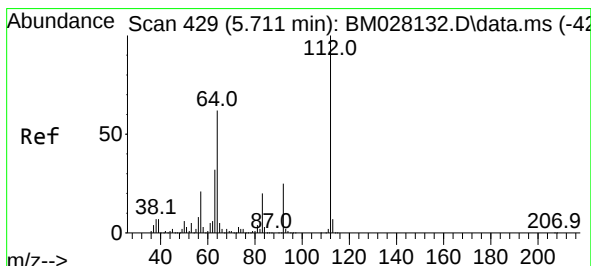
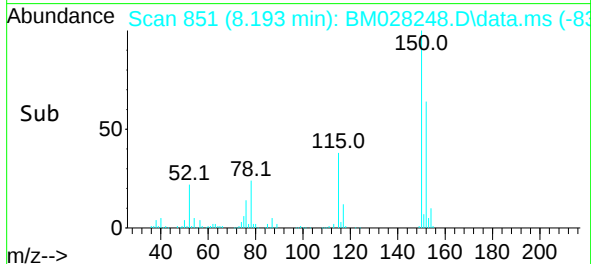
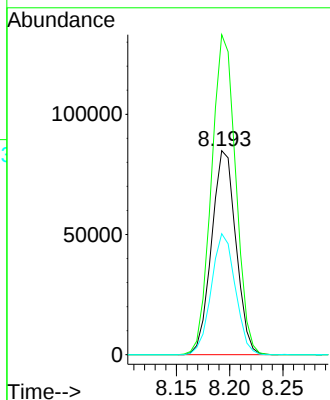
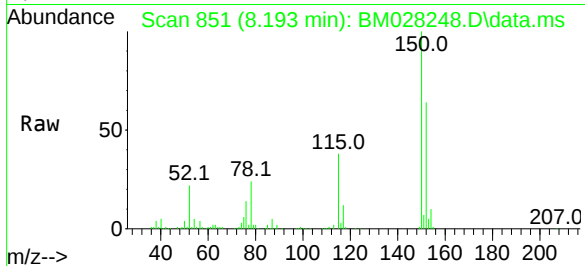




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.193 min Scan# 851
Delta R.T. -0.005 min
Lab File: BM028248.D
Acq: 23 Dec 2020 12:59

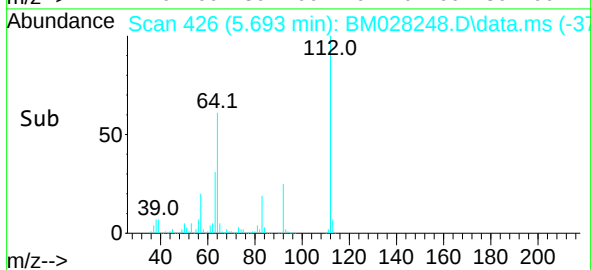
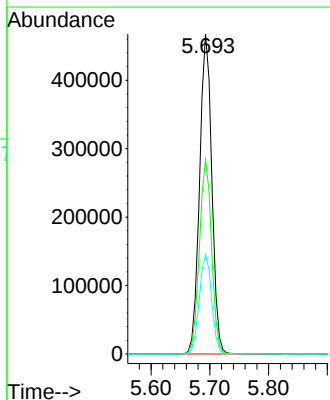
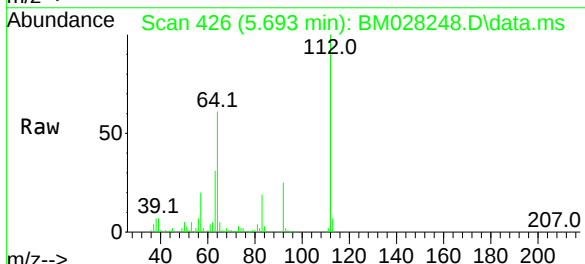
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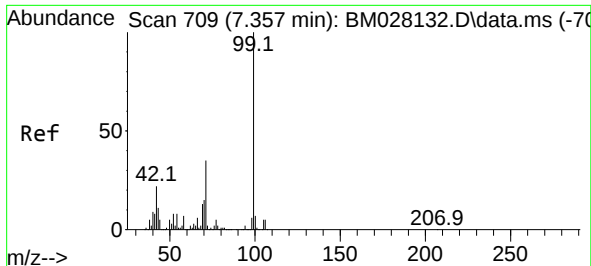
Tgt Ion:152 Resp: 134766
Ion Ratio Lower Upper
152 100
150 156.8 120.6 181.0
115 59.3 47.2 70.8



#5
2-Fluorophenol
Concen: 82.40 ng
RT: 5.693 min Scan# 426
Delta R.T. 0.000 min
Lab File: BM028248.D
Acq: 23 Dec 2020 12:59

Tgt Ion:112 Resp: 673897
Ion Ratio Lower Upper
112 100
64 60.7 50.6 76.0
63 31.2 31.0 46.6

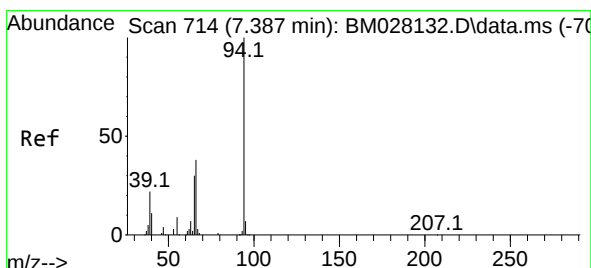
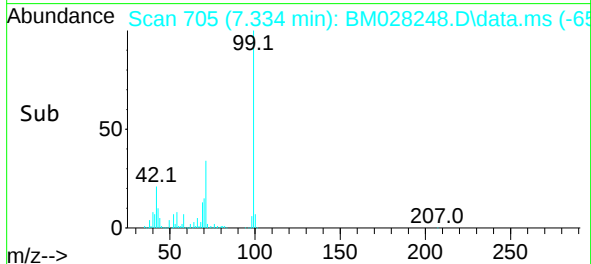
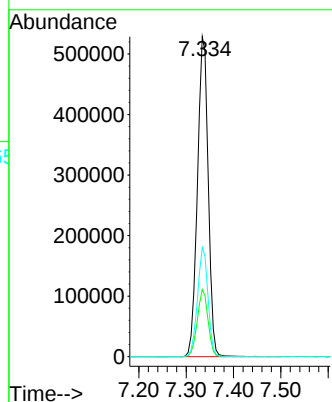
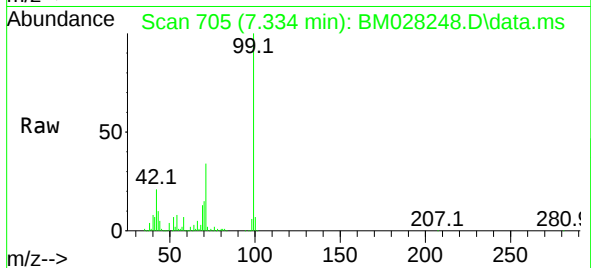




#7
Phenol-d6
Concen: 71.63 ng
RT: 7.334 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM028248.D
Acq: 23 Dec 2020 12:59

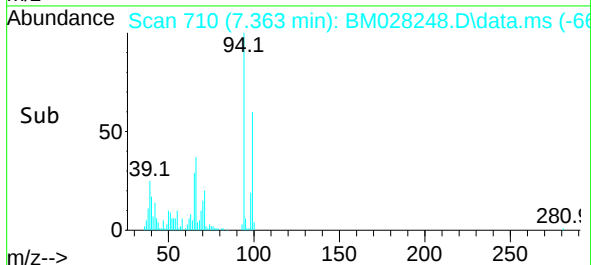
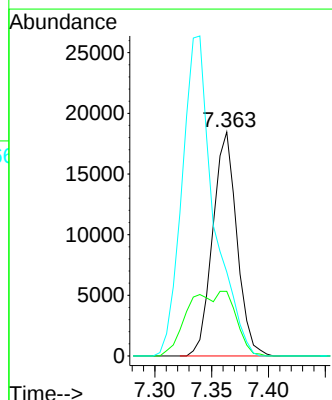
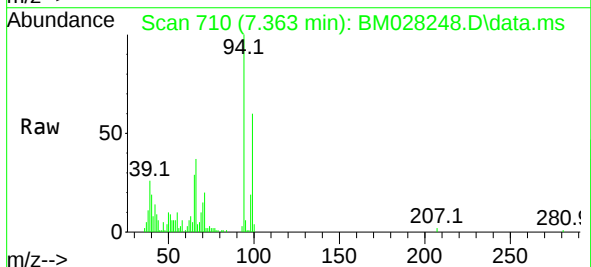
Instrument :
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ClientSampleId :
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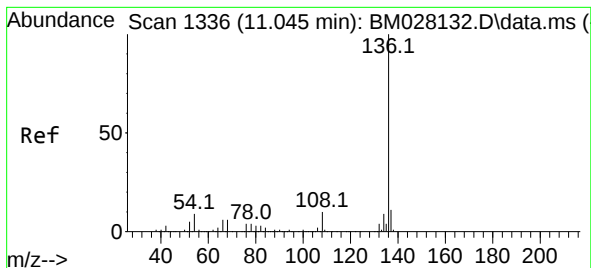
Tgt Ion: 99 Resp: 836442
Ion Ratio Lower Upper
99 100
42 20.9 13.5 20.3#
71 34.1 39.4 59.0#



#10
Phenol
Concen: 2.46 ng
RT: 7.363 min Scan# 710
Delta R.T. -0.006 min
Lab File: BM028248.D
Acq: 23 Dec 2020 12:59

Tgt Ion: 94 Resp: 27242
Ion Ratio Lower Upper
94 100
65 28.8 16.4 56.4
66 37.5 30.2 70.2

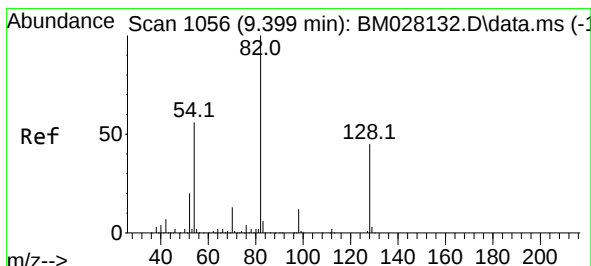
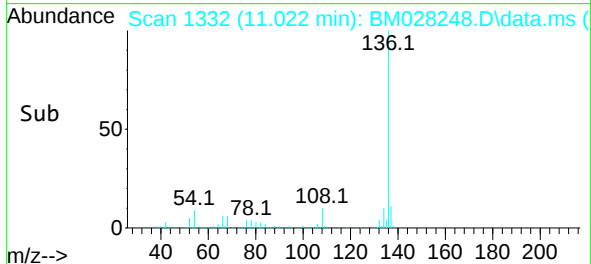
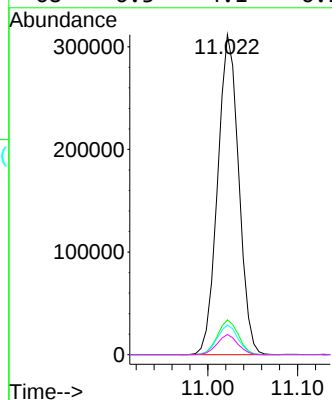
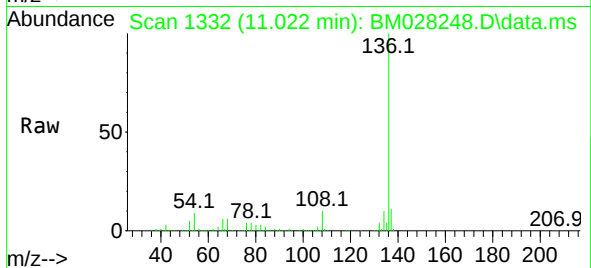




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.022 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BM028248.D
Acq: 23 Dec 2020 12:59

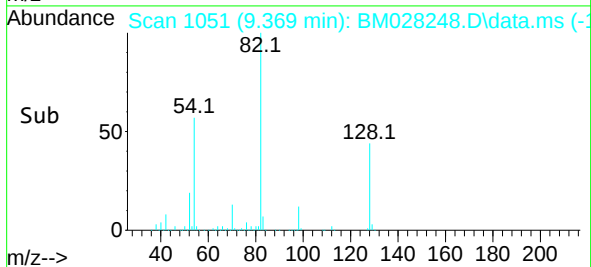
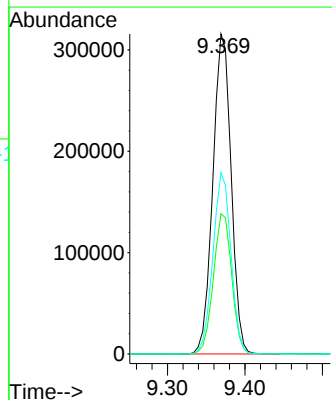
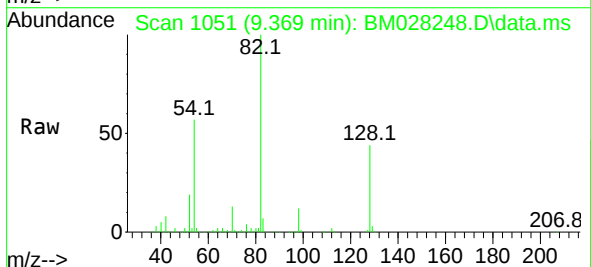
Instrument :
BNA_M
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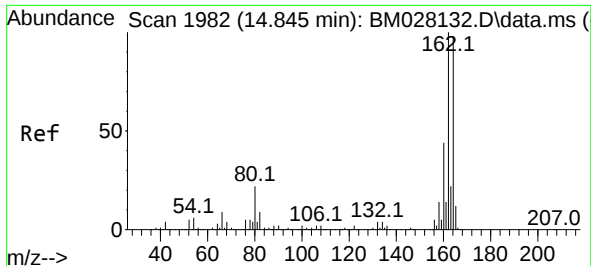
Tgt Ion:	136	Resp:	508463
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.3	4.6	7.0#
68	6.3	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 50.55 ng
RT: 9.369 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BM028248.D
Acq: 23 Dec 2020 12:59

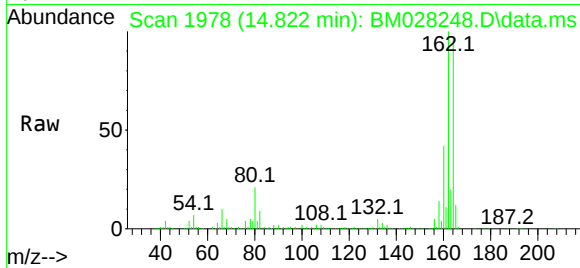
Tgt Ion:	82	Resp:	517966
Ion	Ratio	Lower	Upper
82	100		
128	43.8	27.4	41.0#
54	56.7	31.4	47.0#



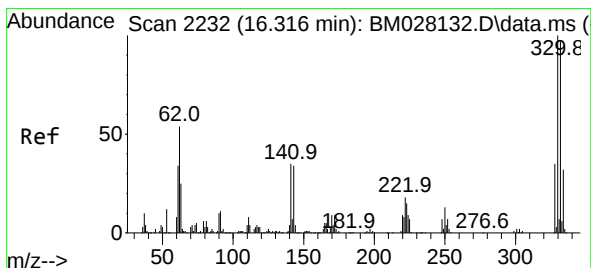
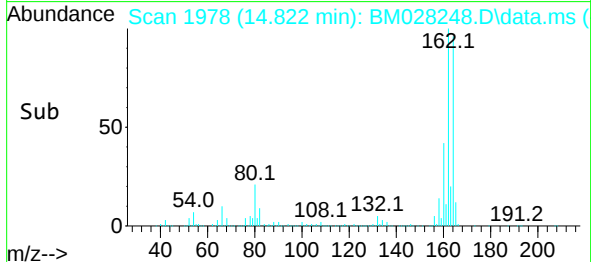
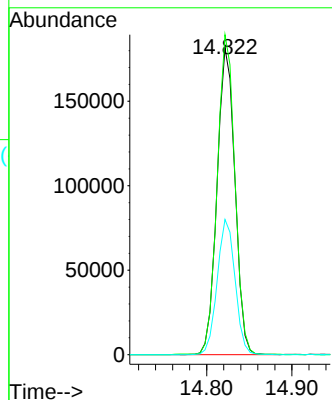


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.822 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BM028248.D
Acq: 23 Dec 2020 12:59

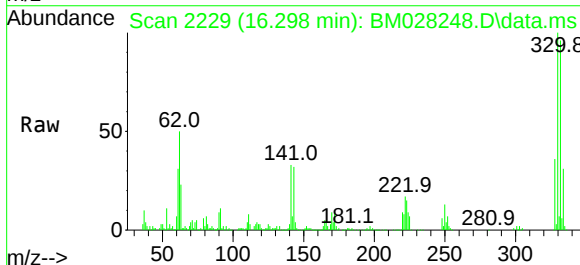
Instrument :
BNA_M
ClientSampleId :
CHRT-27339



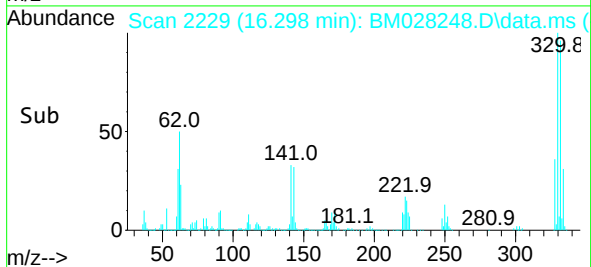
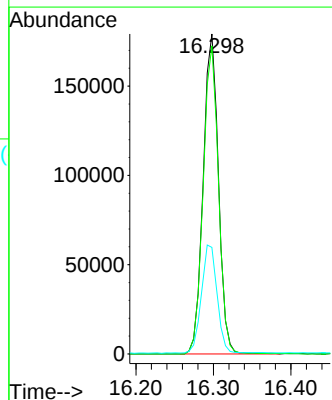
Tgt Ion:164 Resp: 265497
Ion Ratio Lower Upper
164 100
162 104.4 80.4 120.6
160 44.1 35.9 53.9

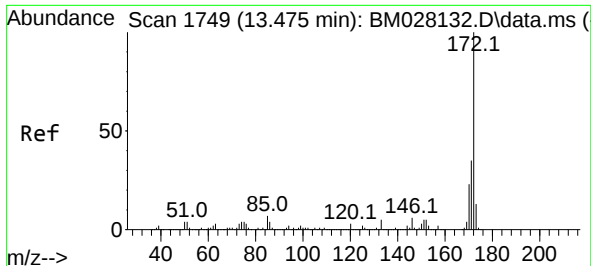


#42
2,4,6-Tribromophenol
Concen: 69.42 ng
RT: 16.298 min Scan# 2229
Delta R.T. -0.006 min
Lab File: BM028248.D
Acq: 23 Dec 2020 12:59



Tgt Ion:330 Resp: 244647
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 34.4 28.4 42.6

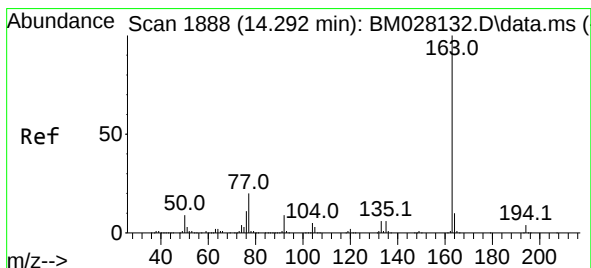
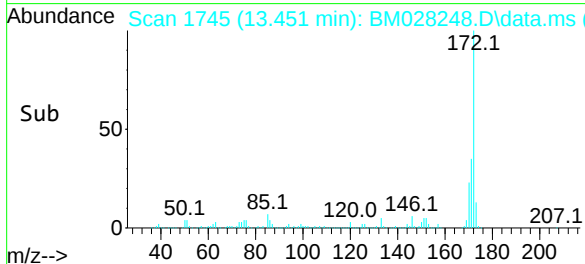
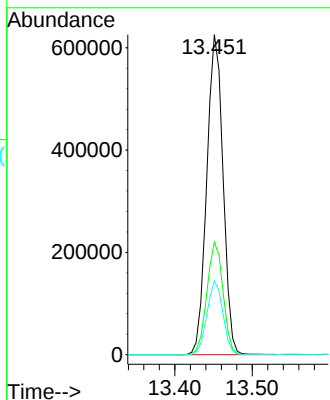
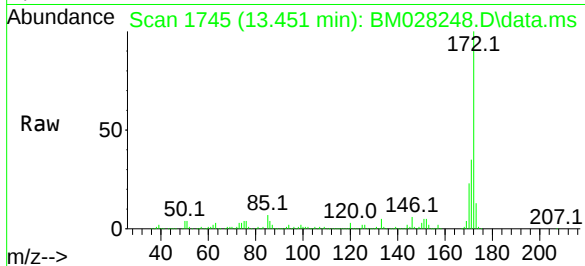




#45
2-Fluorobiphenyl
Concen: 44.67 ng
RT: 13.451 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM028248.D
Acq: 23 Dec 2020 12:59

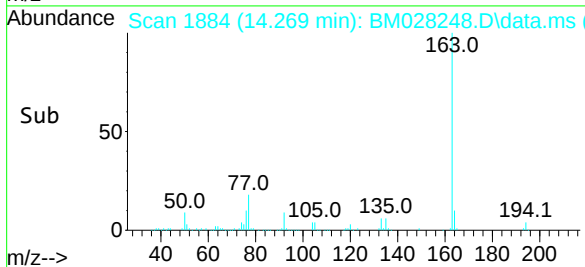
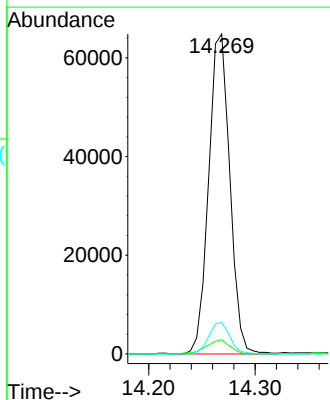
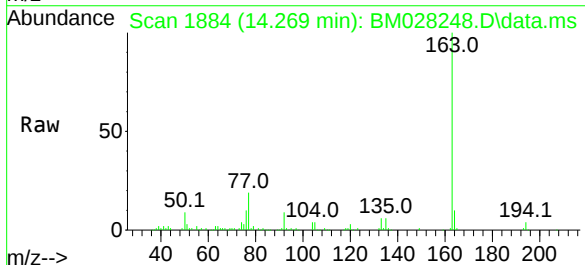
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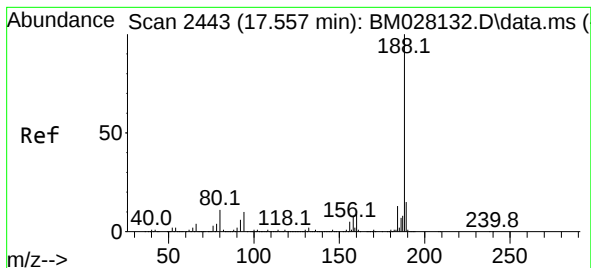
Tgt Ion:	172	Resp:	912301
Ion Ratio	Lower	Upper	
172	100		
171	35.1	27.8	41.8
170	23.1	18.6	27.8



#50
Dimethylphthalate
Concen: 4.06 ng
RT: 14.269 min Scan# 1884
Delta R.T. -0.006 min
Lab File: BM028248.D
Acq: 23 Dec 2020 12:59

Tgt Ion:	163	Resp:	89521
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.2
164	9.9	8.1	12.1

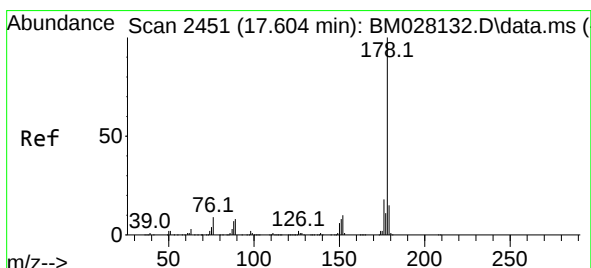
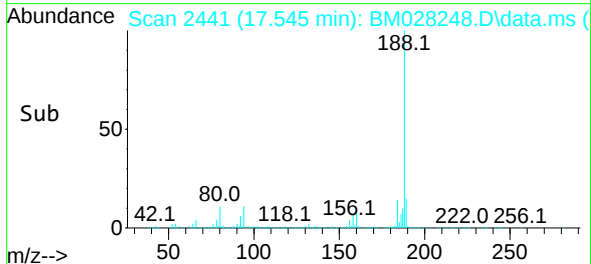
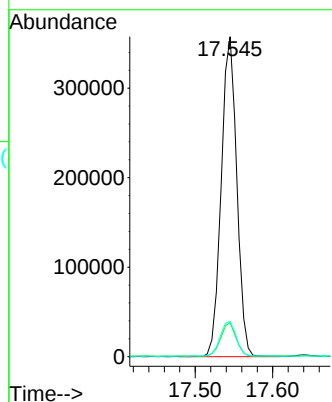
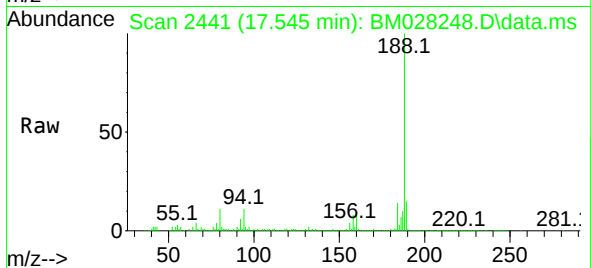




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.545 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BM028248.D
Acq: 23 Dec 2020 12:59

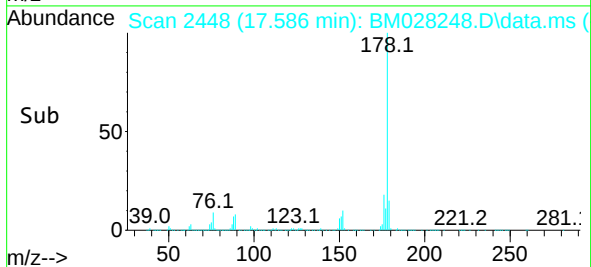
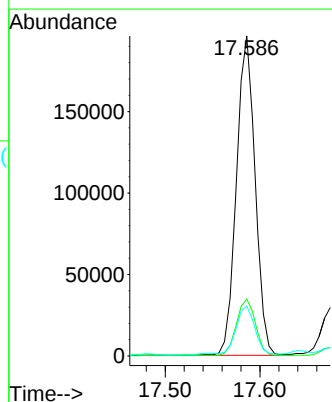
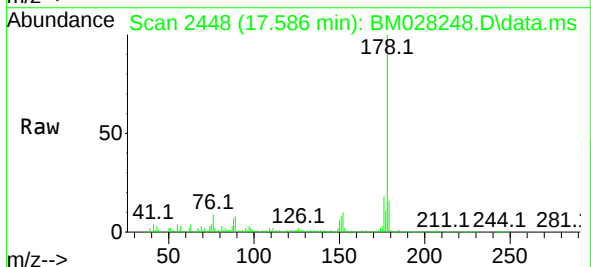
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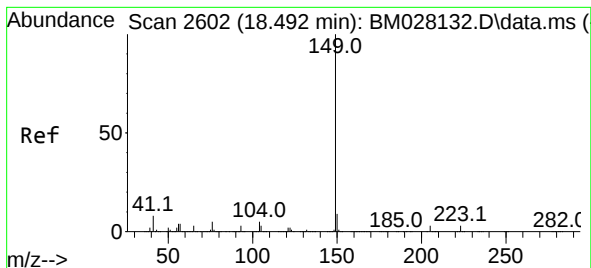
Tgt Ion:188 Resp: 499446
Ion Ratio Lower Upper
188 100
94 10.7 6.2 9.4#
80 11.0 7.5 11.3



#71
Phenanthrene
Concen: 8.85 ng
RT: 17.586 min Scan# 2448
Delta R.T. -0.006 min
Lab File: BM028248.D
Acq: 23 Dec 2020 12:59

Tgt Ion:178 Resp: 268360
Ion Ratio Lower Upper
178 100
176 17.8 15.0 22.6
179 15.5 12.2 18.4

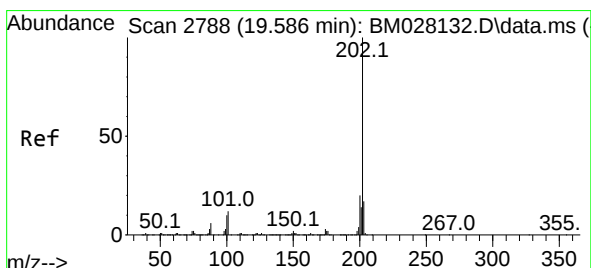
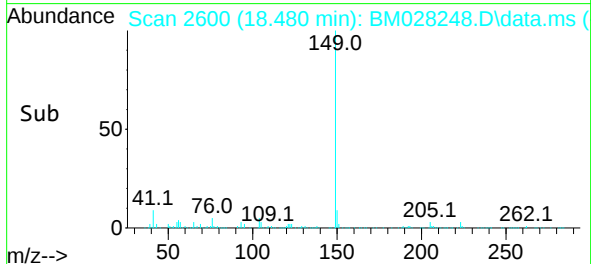
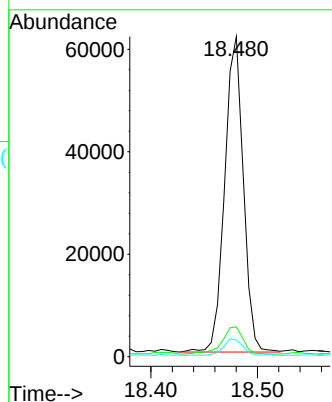
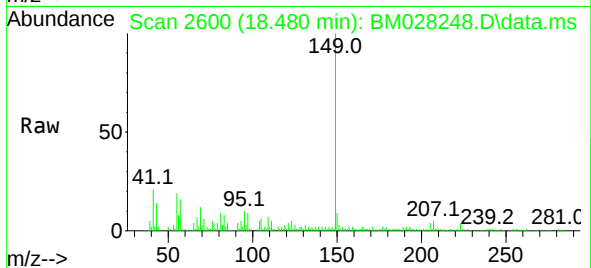




#74
Di-n-butylphthalate
Concen: 2.17 ng
RT: 18.480 min Scan# 2600
Delta R.T. 0.000 min
Lab File: BM028248.D
Acq: 23 Dec 2020 12:59

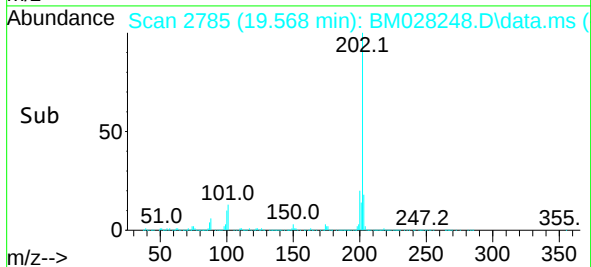
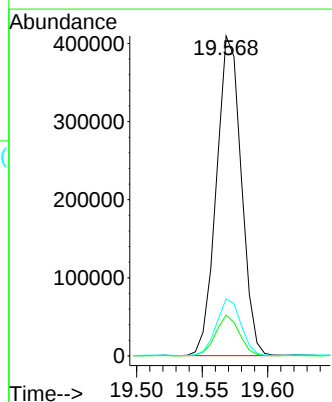
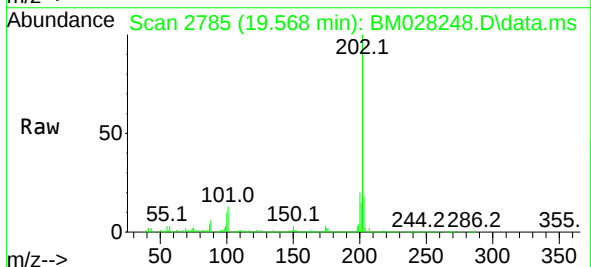
Instrument :
BNA_M
ClientSampleId :
CHRT-27339

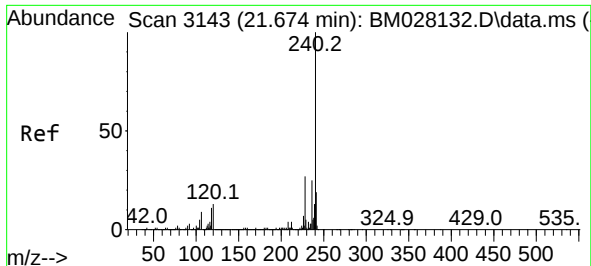
Tgt Ion:149 Resp: 74895
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.0
104 5.2 4.7 7.1



#75
Fluoranthene
Concen: 15.85 ng
RT: 19.568 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BM028248.D
Acq: 23 Dec 2020 12:59

Tgt Ion:202 Resp: 538353
Ion Ratio Lower Upper
202 100
101 12.7 0.0 28.5
203 17.9 0.0 37.3

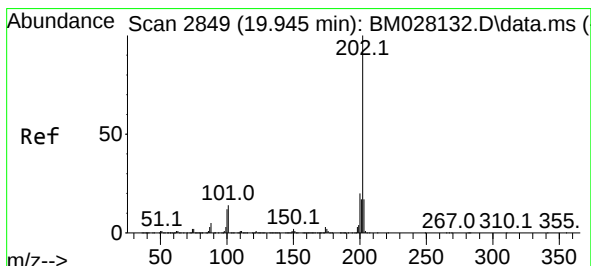
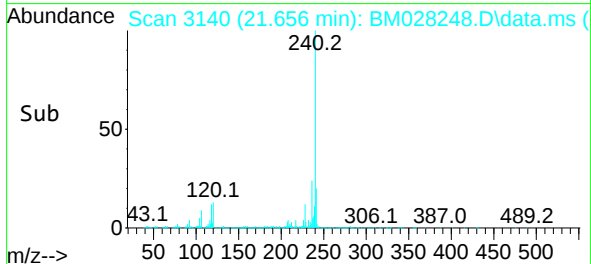
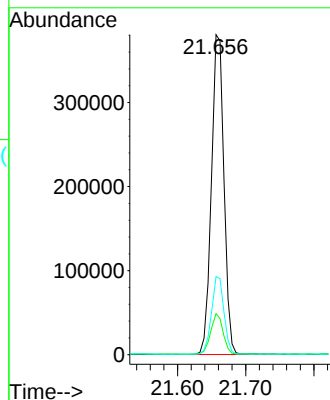
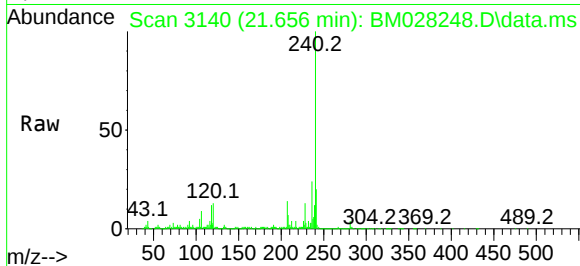




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.656 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BM028248.D
Acq: 23 Dec 2020 12:59

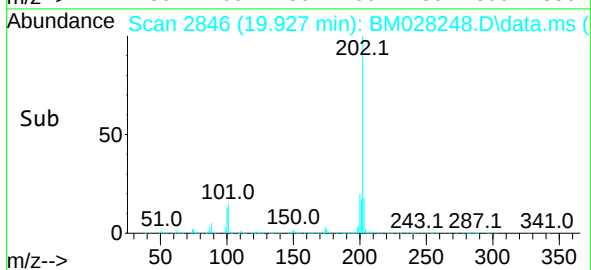
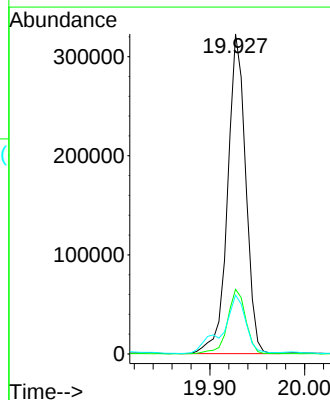
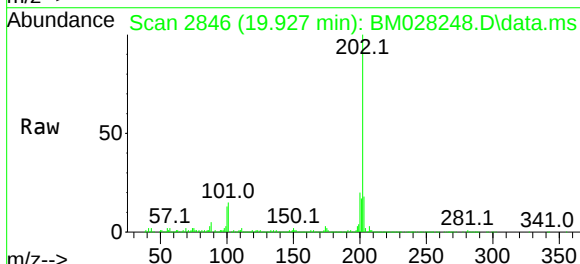
Instrument :
BNA_M
ClientSampleId :
CHRT-27339

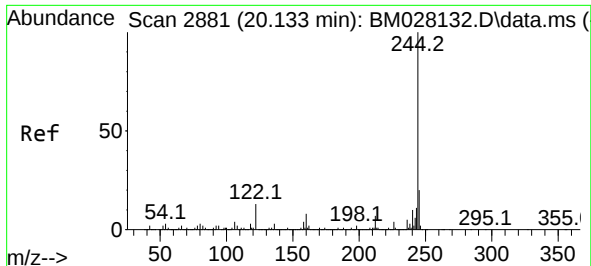
Tgt Ion:240 Resp: 487585
Ion Ratio Lower Upper
240 100
120 12.8 6.4 9.6#
236 24.4 20.1 30.1



#78
Pyrene
Concen: 12.16 ng
RT: 19.927 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BM028248.D
Acq: 23 Dec 2020 12:59

Tgt Ion:202 Resp: 429252
Ion Ratio Lower Upper
202 100
200 20.2 16.6 24.8
203 18.4 13.8 20.6

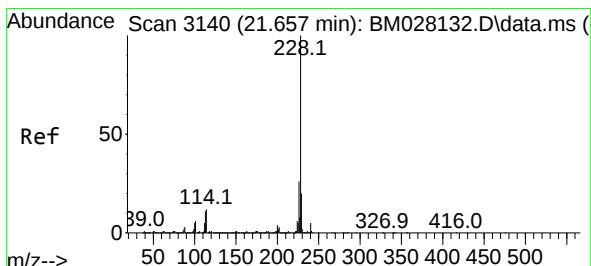
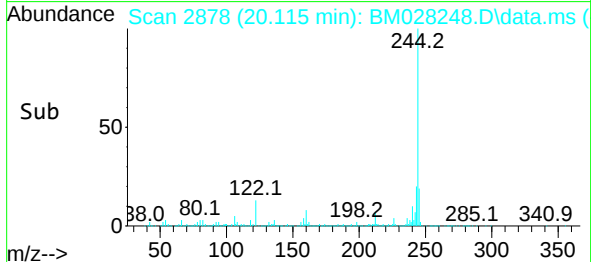
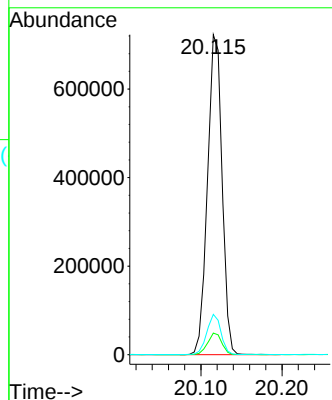
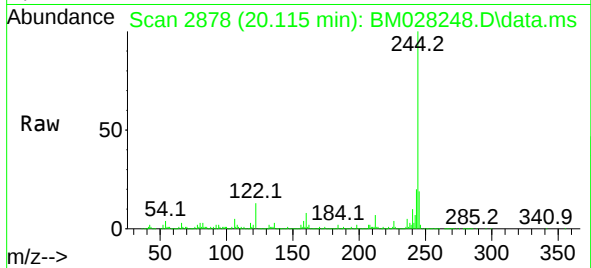




#79
 Terphenyl-d14
 Concen: 33.39 ng
 RT: 20.115 min Scan# 2878
 Delta R.T. -0.006 min
 Lab File: BM028248.D
 Acq: 23 Dec 2020 12:59

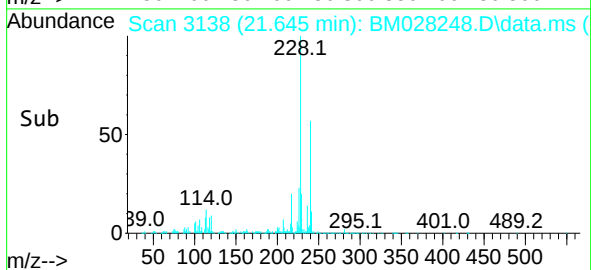
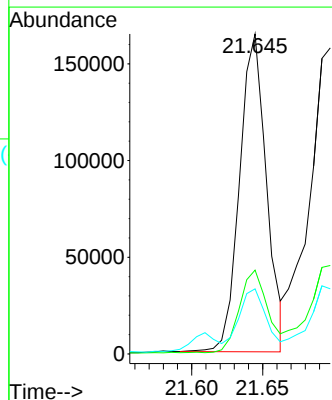
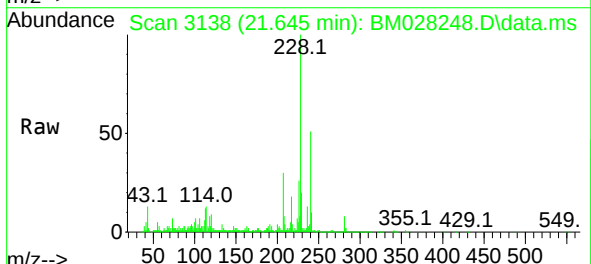
Instrument :
 BNA_M
 ClientSampleId :
 CHRT-27339

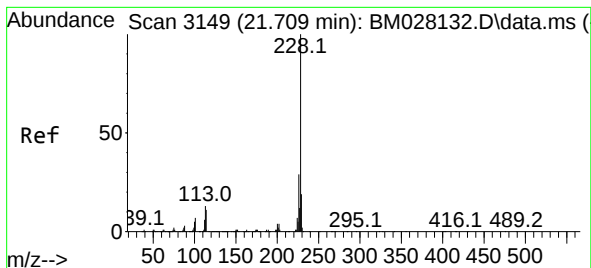
Tgt Ion:244 Resp: 897316
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 12.6 6.5 9.7#



#81
 Benzo(a)anthracene
 Concen: 6.52 ng
 RT: 21.645 min Scan# 3138
 Delta R.T. 0.000 min
 Lab File: BM028248.D
 Acq: 23 Dec 2020 12:59

Tgt Ion:228 Resp: 216549
 Ion Ratio Lower Upper
 228 100
 226 26.2 21.1 31.7
 229 20.3 15.7 23.5





#83

Chrysene

Concen: 7.57 ng

RT: 21.698 min Scan# 3147

Delta R.T. 0.000 min

Lab File: BM028248.D

Acq: 23 Dec 2020 12:59

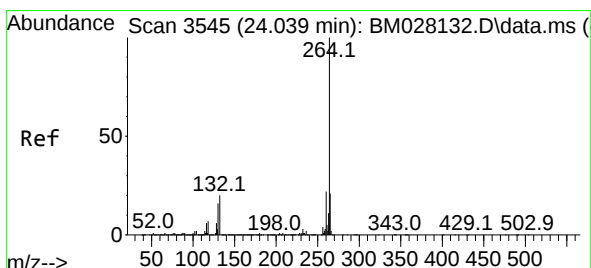
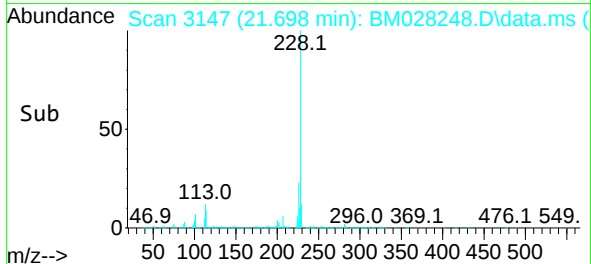
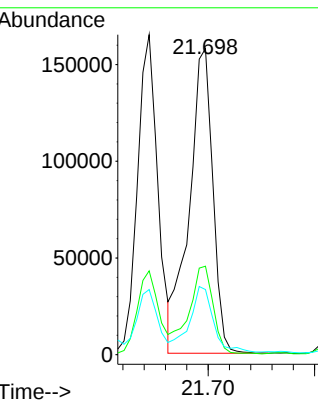
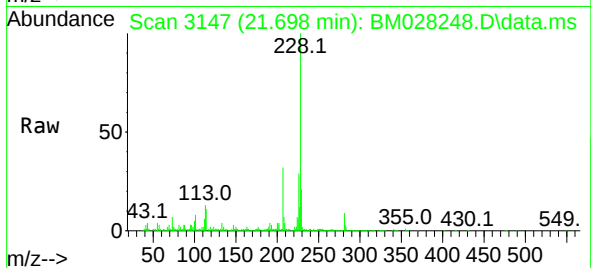
Tgt Ion:228 Resp: 243360

Ion Ratio Lower Upper

228 100

226 28.9 23.4 35.0

229 21.3 15.7 23.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.027 min Scan# 3543

Delta R.T. 0.006 min

Lab File: BM028248.D

Acq: 23 Dec 2020 12:59

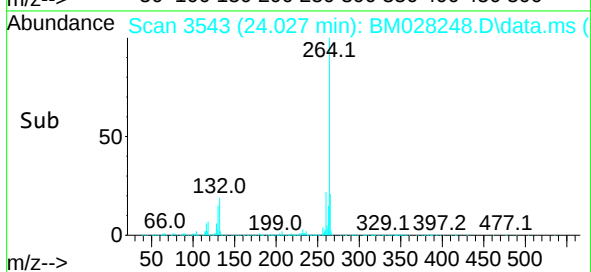
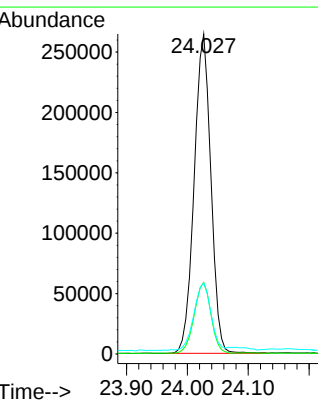
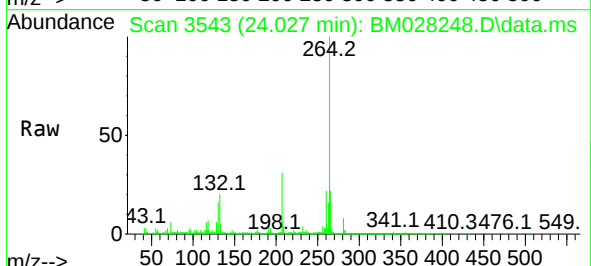
Tgt Ion:264 Resp: 505137

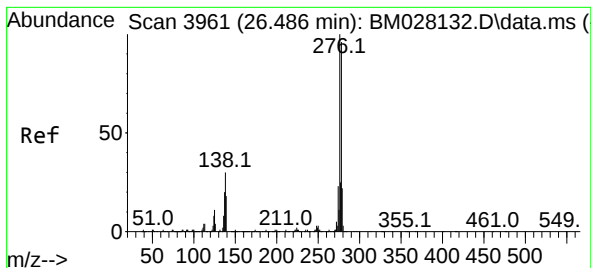
Ion Ratio Lower Upper

264 100

260 22.4 19.0 28.4

265 22.3 17.7 26.5

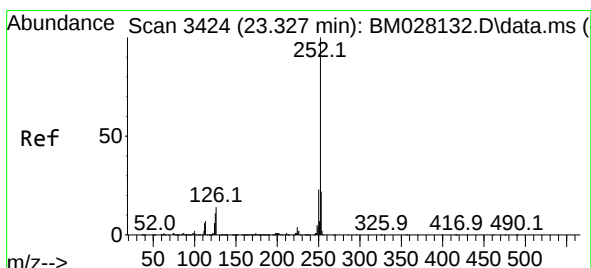
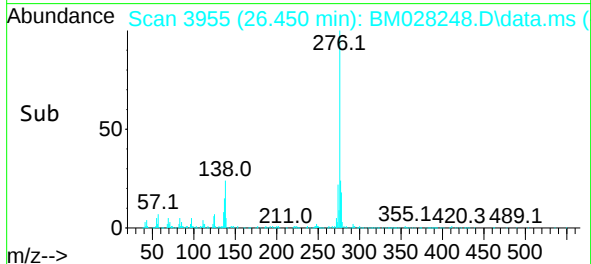
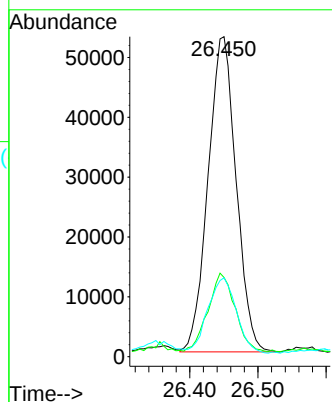
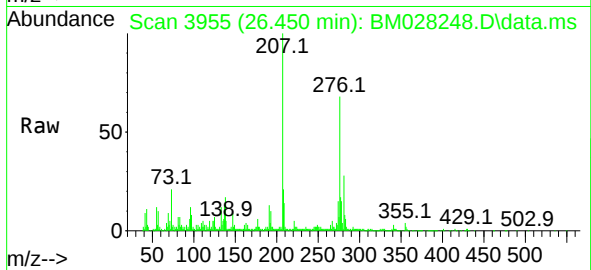




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.50 ng
RT: 26.450 min Scan# 3955
Delta R.T. -0.006 min
Lab File: BM028248.D
Acq: 23 Dec 2020 12:59

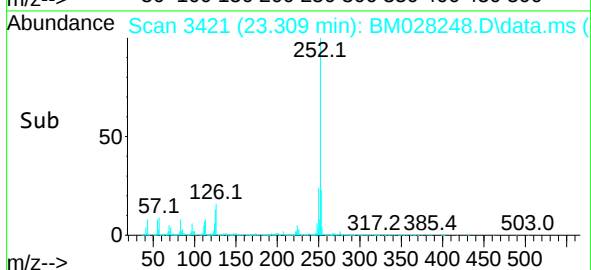
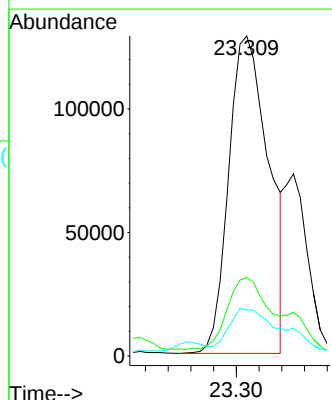
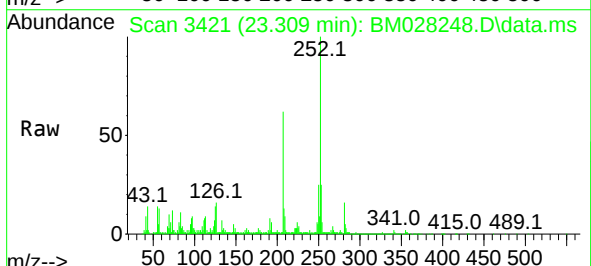
Instrument :
BNA_M
ClientSampleId :
CHRT-27339

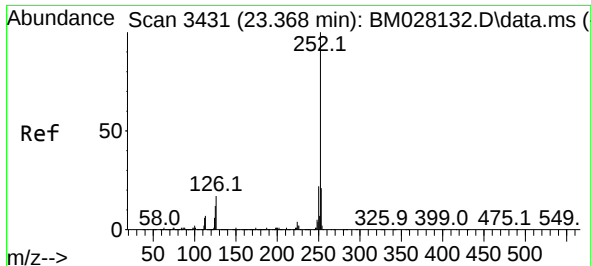
Tgt Ion:276 Resp: 151008
Ion Ratio Lower Upper
276 100
138 23.8 14.2 21.4#
277 24.4 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 9.17 ng
RT: 23.309 min Scan# 3421
Delta R.T. 0.000 min
Lab File: BM028248.D
Acq: 23 Dec 2020 12:59

Tgt Ion:252 Resp: 315653
Ion Ratio Lower Upper
252 100
253 24.6 17.4 26.0
125 14.4 5.7 8.5#





#89

Benzo(k)fluoranthene

Concen: 9.44 ng

RT: 23.309 min Scan# 3421

Delta R.T. -0.047 min

Lab File: BM028248.D

Acq: 23 Dec 2020 12:59

Instrument :

BNA_M

ClientSampled :

CHRT-27339

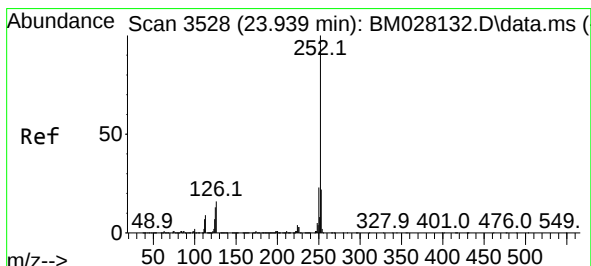
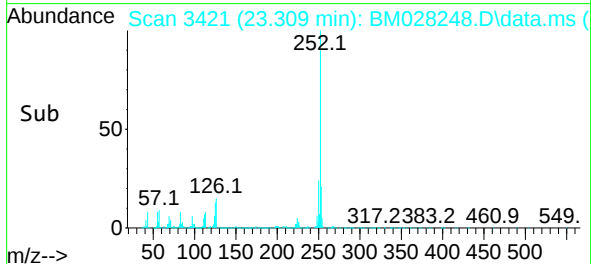
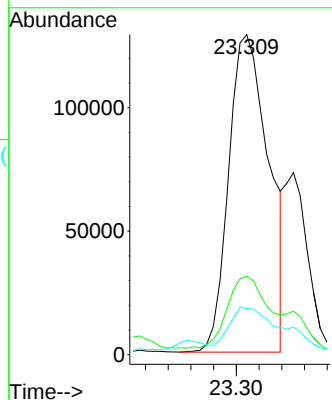
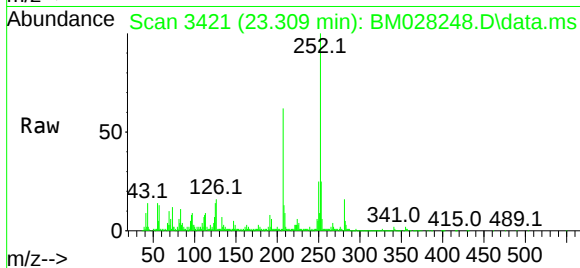
Tgt Ion:252 Resp: 315653

Ion Ratio Lower Upper

252 100

253 24.6 17.4 26.0

125 14.4 5.6 8.4#



#90

Benzo(a)pyrene

Concen: 6.55 ng

RT: 23.921 min Scan# 3525

Delta R.T. 0.000 min

Lab File: BM028248.D

Acq: 23 Dec 2020 12:59

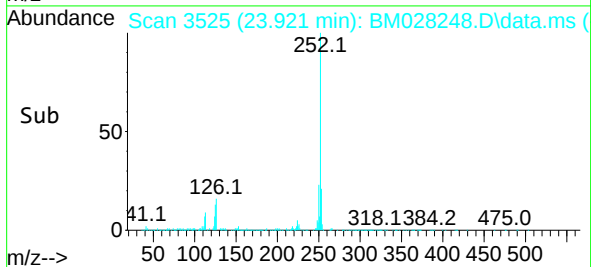
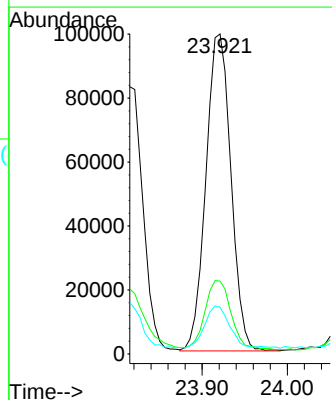
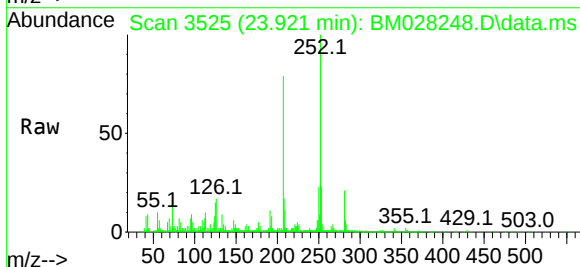
Tgt Ion:252 Resp: 202274

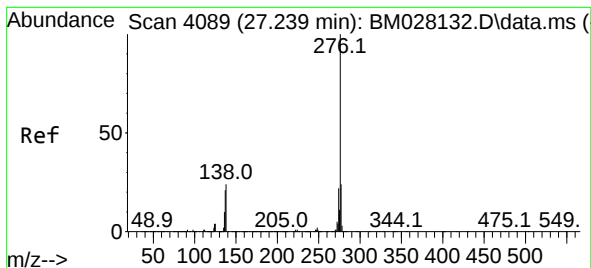
Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

125 14.6 6.6 9.8#





#92

Benzo(g,h,i)perylene

Concen: 5.52 ng

RT: 27.197 min Scan# 4082

Delta R.T. -0.006 min

Lab File: BM028248.D

Acq: 23 Dec 2020 12:59

Tgt Ion: 276 Resp: 147827

Ion Ratio Lower Upper

276 100

277 26.5 18.6 28.0

138 26.6 12.2 18.2#

