

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
 Data File : BM029095.D
 Acq On : 11 Mar 2021 15:15
 Operator : CG/JU
 Sample : M1624-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FLOORS-4

Quant Time: Mar 11 15:49:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 09 10:08:02 2021
 Response via : Initial Calibration

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

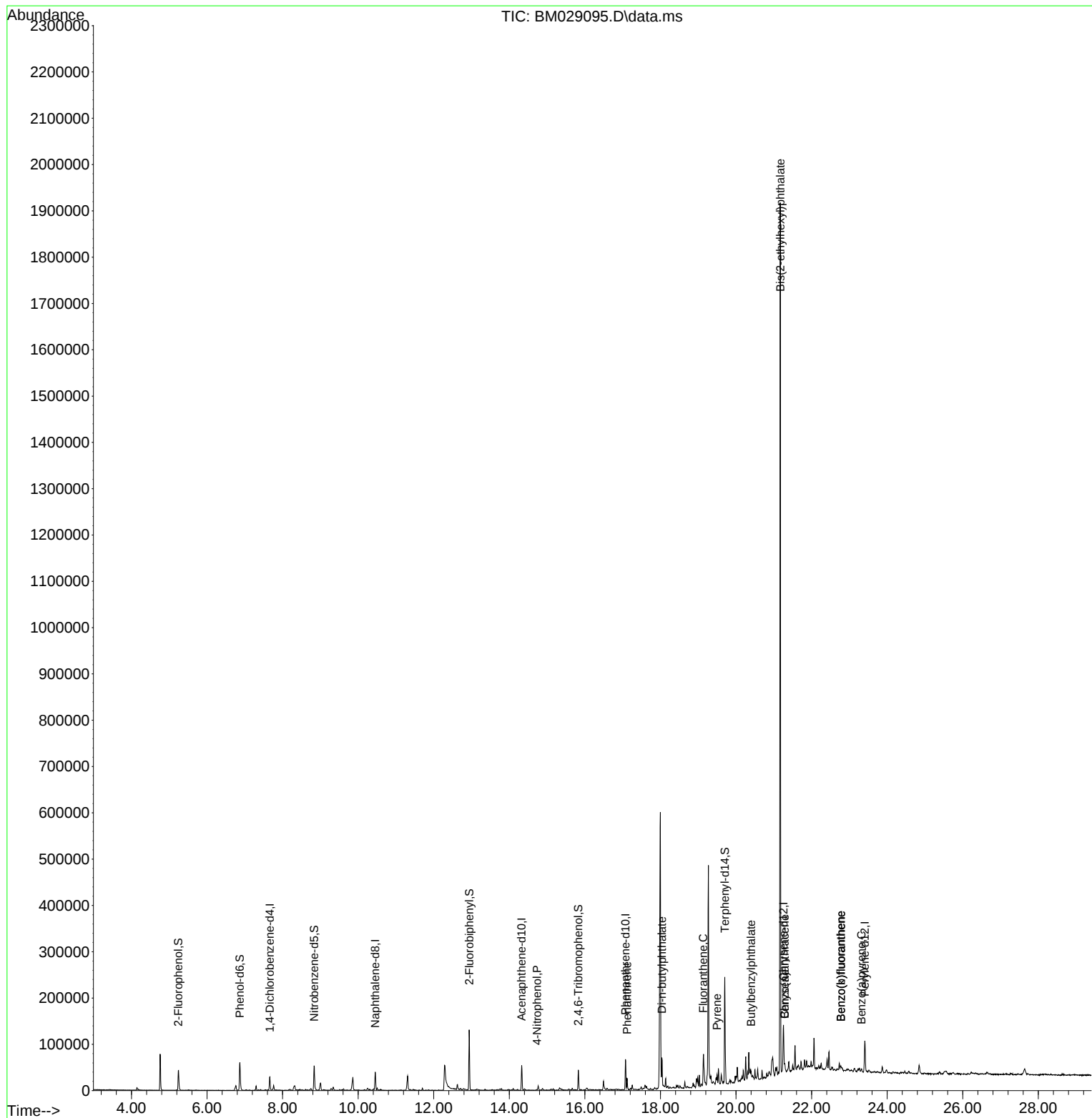
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	7611	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	29234	20.00	ng	#-0.01
39) Acenaphthene-d10	14.327	164	17246	20.00	ng	-0.01
64) Phenanthrene-d10	17.074	188	35542	20.00	ng	-0.01
76) Chrysene-d12	21.256	240	36313	20.00	ng	# 0.00
86) Perylene-d12	23.409	264	37666	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	18913	41.19	ng	0.00
7) Phenol-d6	6.869	99	30219	49.83	ng	0.00
23) Nitrobenzene-d5	8.833	82	26226	48.40	ng	-0.01
42) 2,4,6-Tribromophenol	15.827	330	6581	32.20	ng	-0.01
45) 2-Fluorobiphenyl	12.939	172	60136	46.42	ng	-0.01
79) Terphenyl-d14	19.703	244	88978	45.24	ng	0.00
Target Compounds						
						Qvalue
56) 4-Nitrophenol	14.733	139	513	2.11	ng	# 1
71) Phenanthrene	17.121	178	14428	6.82	ng	98
74) Di-n-butylphthalate	18.039	149	37333	16.32	ng	100
75) Fluoranthene	19.133	202	14782	6.36	ng	94
78) Pyrene	19.497	202	12440	4.66	ng	97
80) Butylbenzylphthalate	20.397	149	2809	2.45	ng	95
81) Benzo(a)anthracene	21.291	228	6554	2.60	ng	95
83) Chrysene	21.291	228	6554	2.67	ng	99
84) Bis(2-ethylhexyl)phtha...	21.174	149	640960	387.85	ng	97
88) Benzo(b)fluoranthene	22.774	252	7387	2.78	ng	# 90
89) Benzo(k)fluoranthene	22.774	252	7387	2.92	ng	# 90
90) Benzo(a)pyrene	23.321	252	4946	2.04	ng	# 90

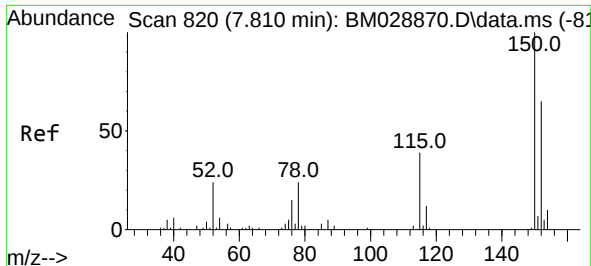
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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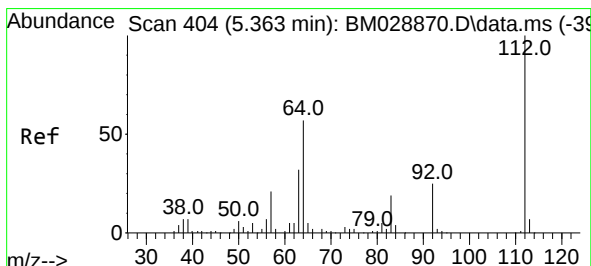
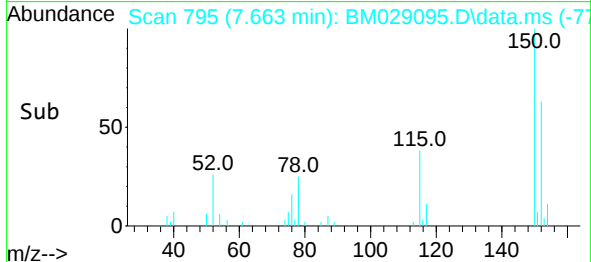
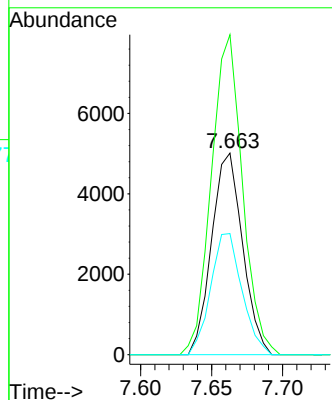
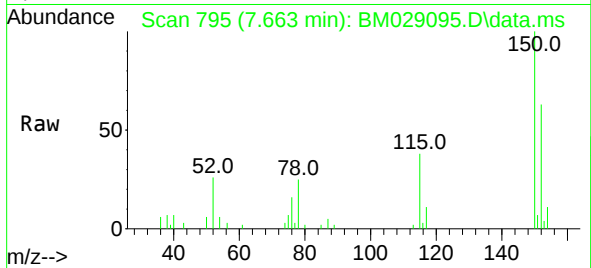




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 795
Delta R.T. -0.006 min
Lab File: BM029095.D
Acq: 11 Mar 2021 15:15

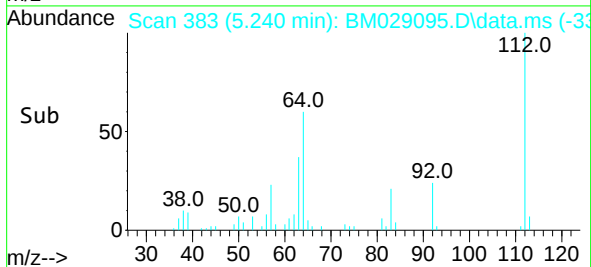
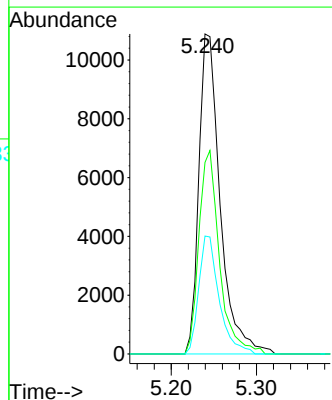
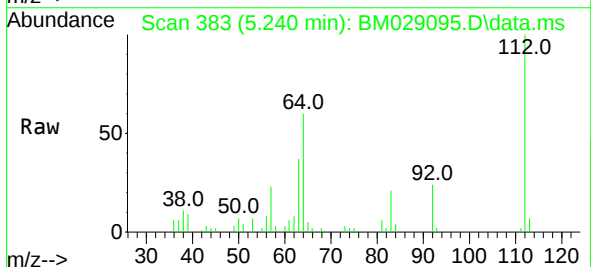
Instrument :
BNA_M
ClientSampled :
FLOORS-4

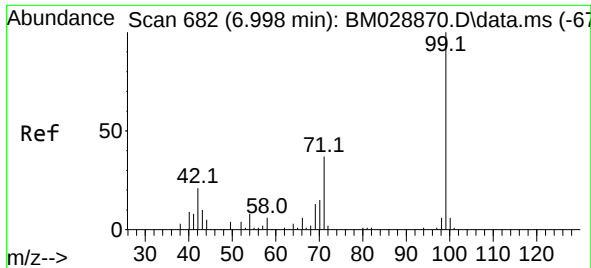
Tgt Ion:152 Resp: 7611
Ion Ratio Lower Upper
152 100
150 158.7 120.6 181.0
115 60.1 47.2 70.8



#5
2-Fluorophenol
Concen: 41.19 ng
RT: 5.240 min Scan# 383
Delta R.T. -0.006 min
Lab File: BM029095.D
Acq: 11 Mar 2021 15:15

Tgt Ion:112 Resp: 18913
Ion Ratio Lower Upper
112 100
64 59.9 50.6 76.0
63 36.8 31.0 46.6

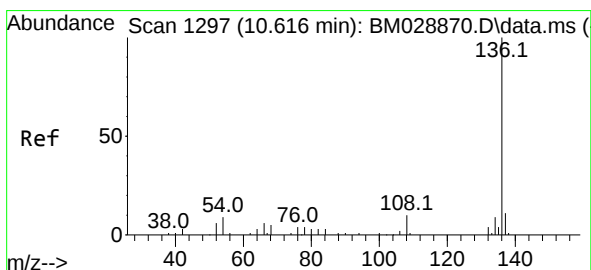
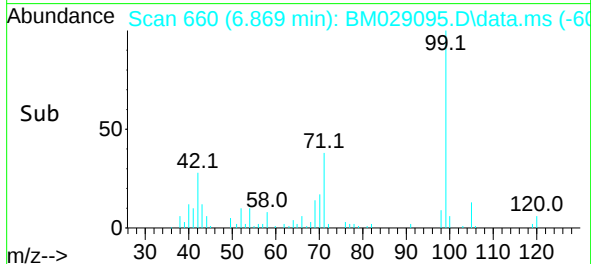
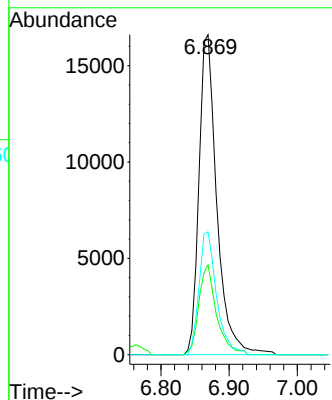
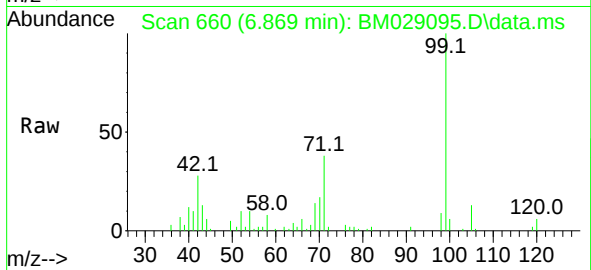




#7
Phenol-d6
Concen: 49.83 ng
RT: 6.869 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM029095.D
Acq: 11 Mar 2021 15:15

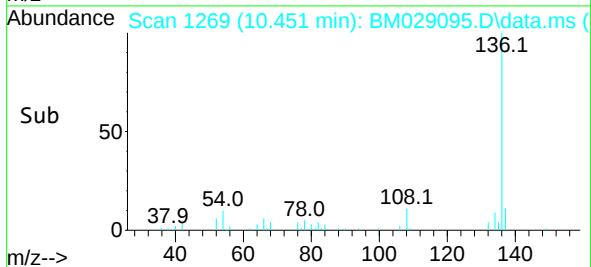
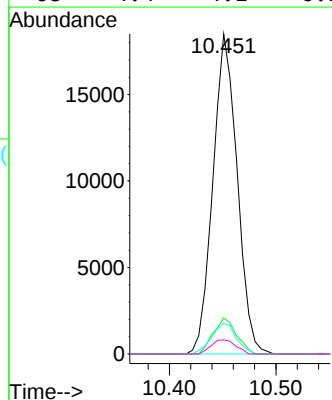
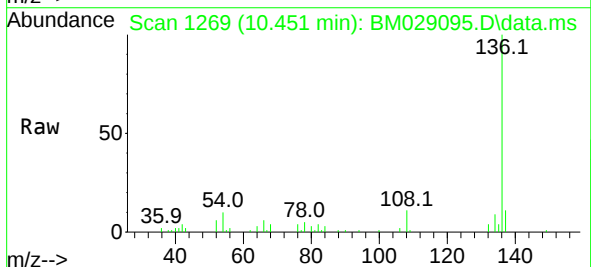
Instrument :
BNA_M
ClientSampleId :
FLOORS-4

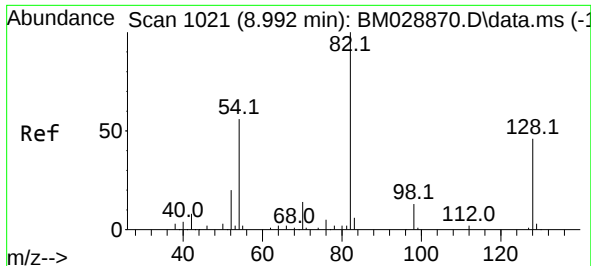
Tgt Ion:	99	Resp:	30219
Ion	Ratio	Lower	Upper
99	100		
42	28.0	13.5	20.3#
71	38.4	39.4	59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BM029095.D
Acq: 11 Mar 2021 15:15

Tgt Ion:	136	Resp:	29234
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	9.5	4.6	7.0#
68	4.4	4.1	6.1

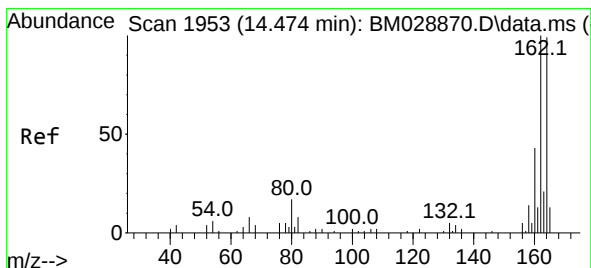
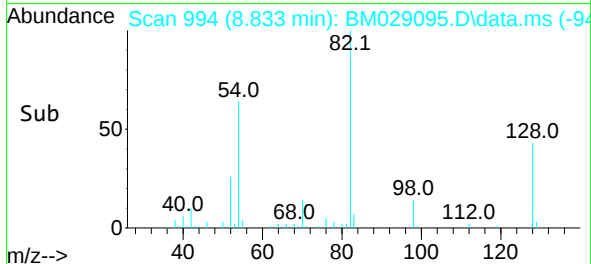
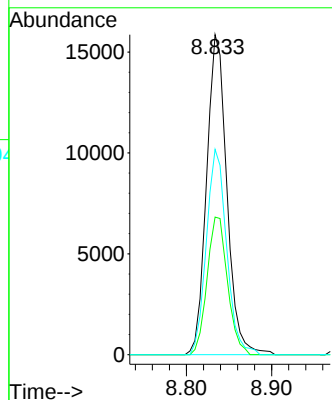
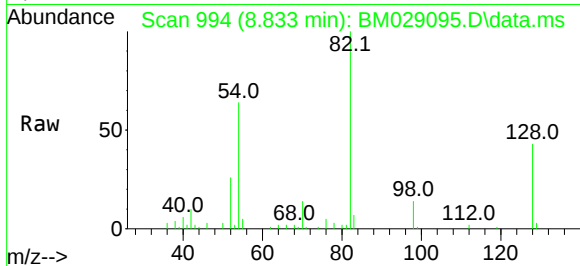




#23
Nitrobenzene-d5
Concen: 48.40 ng
RT: 8.833 min Scan# 994
Delta R.T. -0.012 min
Lab File: BM029095.D
Acq: 11 Mar 2021 15:15

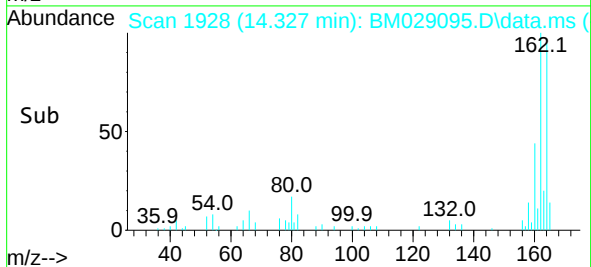
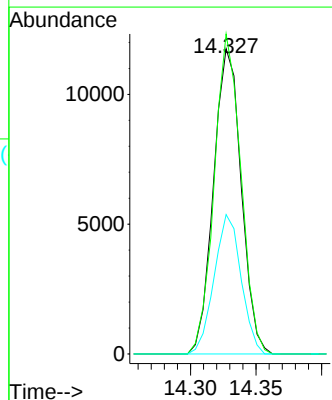
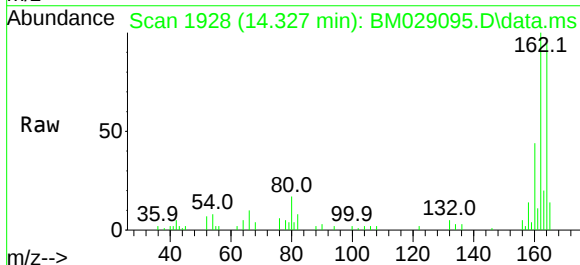
Instrument :
BNA_M
ClientSampleId :
FLOORS-4

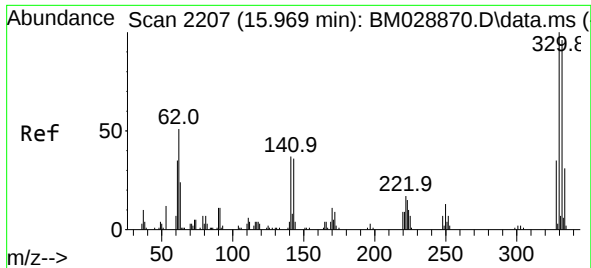
Tgt Ion: 82 Resp: 26226
Ion Ratio Lower Upper
82 100
128 43.0 27.4 41.0#
54 64.1 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.327 min Scan# 1928
Delta R.T. -0.012 min
Lab File: BM029095.D
Acq: 11 Mar 2021 15:15

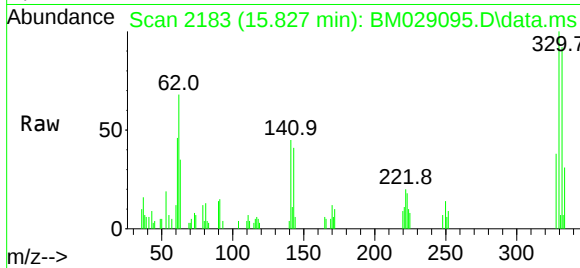
Tgt Ion:164 Resp: 17246
Ion Ratio Lower Upper
164 100
162 104.8 80.4 120.6
160 45.6 35.9 53.9



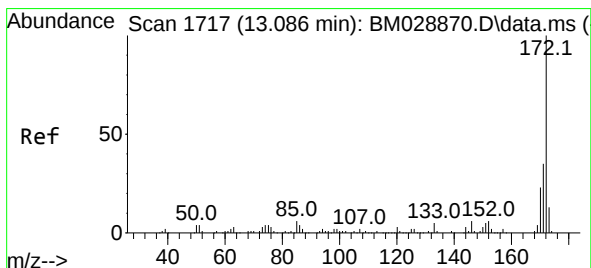
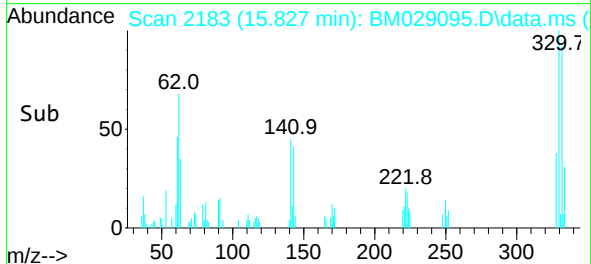
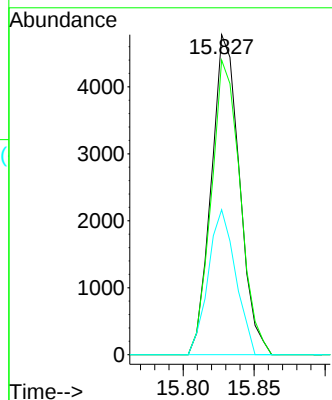


#42
2,4,6-Tribromophenol
Concen: 32.20 ng
RT: 15.827 min Scan# 2183
Delta R.T. -0.012 min
Lab File: BM029095.D
Acq: 11 Mar 2021 15:15

Instrument :
BNA_M
ClientSampled :
FLOORS-4

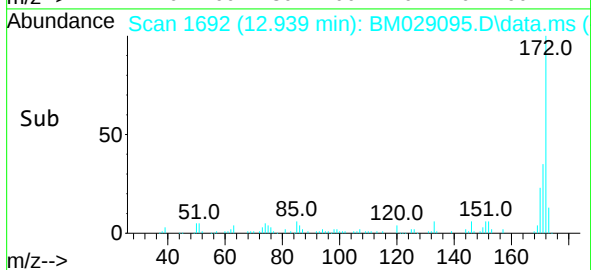
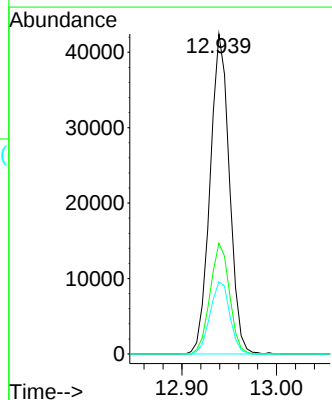
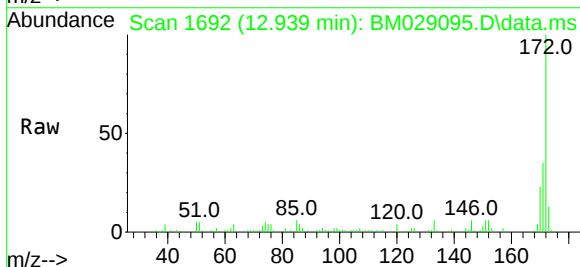


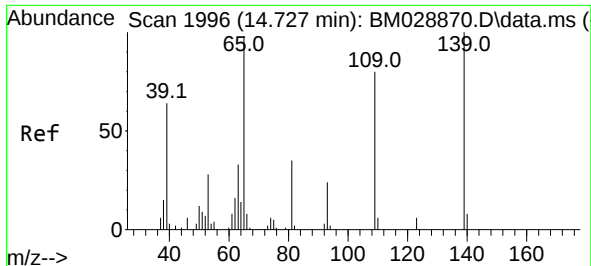
Tgt Ion:330 Resp: 6581
Ion Ratio Lower Upper
330 100
332 94.5 77.8 116.8
141 44.1 28.4 42.6#



#45
2-Fluorobiphenyl
Concen: 46.42 ng
RT: 12.939 min Scan# 1692
Delta R.T. -0.012 min
Lab File: BM029095.D
Acq: 11 Mar 2021 15:15

Tgt Ion:172 Resp: 60136
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 22.6 18.6 27.8

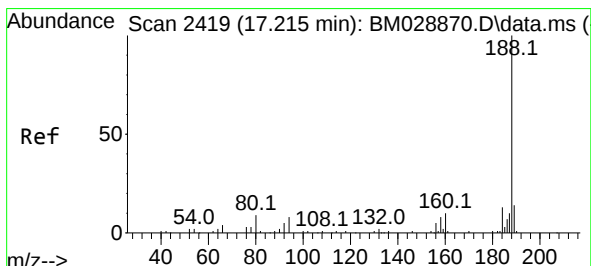
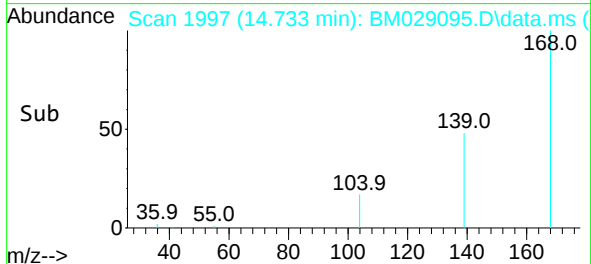
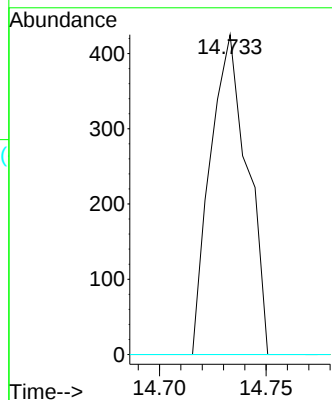
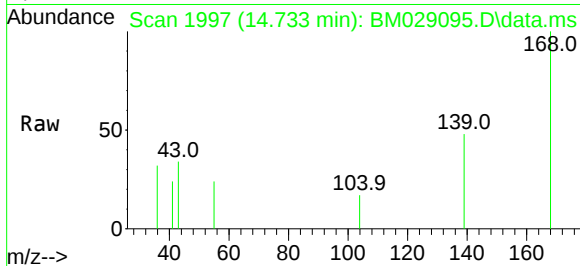




#56
4-Nitrophenol
Concen: 2.11 ng
RT: 14.733 min Scan# 1997
Delta R.T. 0.123 min
Lab File: BM029095.D
Acq: 11 Mar 2021 15:15

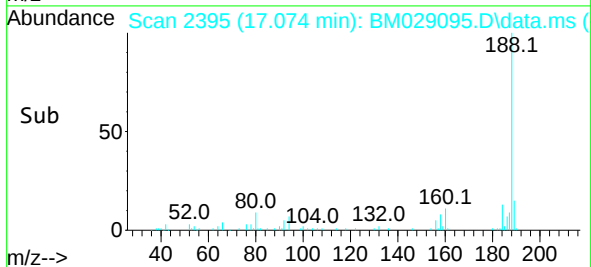
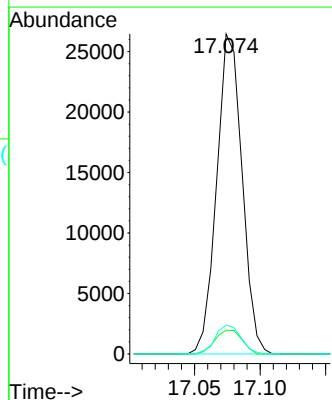
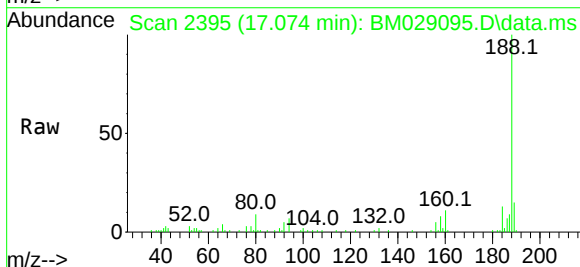
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BNA_M
ClientSampleId :
FLOORS-4

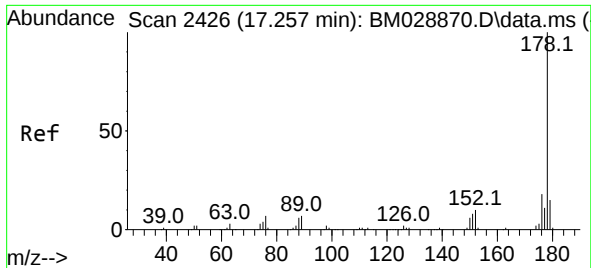
Tgt Ion:139 Resp: 513
Ion Ratio Lower Upper
139 100
109 0.0 77.0 117.0#
65 0.0 103.4 143.4#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.074 min Scan# 2395
Delta R.T. -0.012 min
Lab File: BM029095.D
Acq: 11 Mar 2021 15:15

Tgt Ion:188 Resp: 35542
Ion Ratio Lower Upper
188 100
94 7.4 6.2 9.4
80 9.0 7.5 11.3

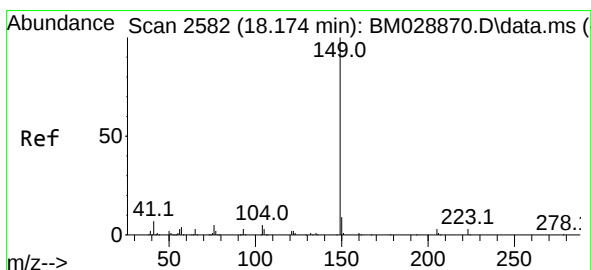
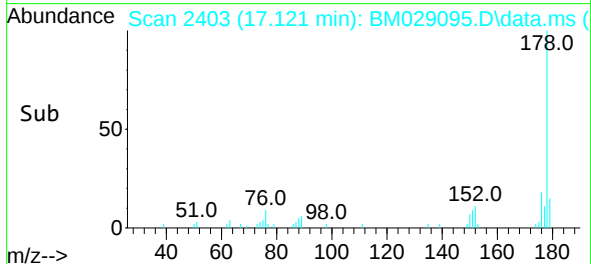
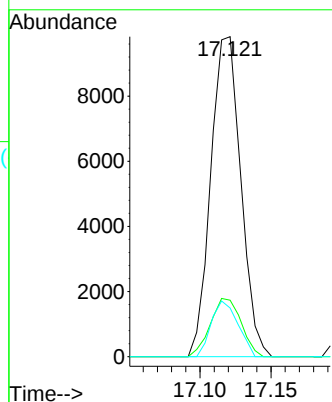
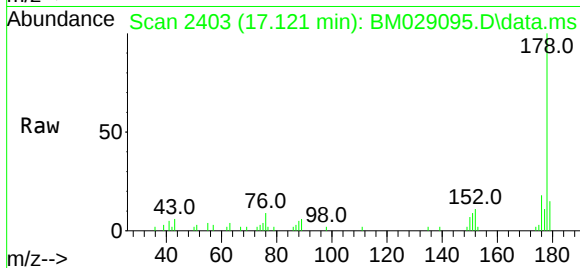




#71
Phenanthrene
Concen: 6.82 ng
RT: 17.121 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM029095.D
Acq: 11 Mar 2021 15:15

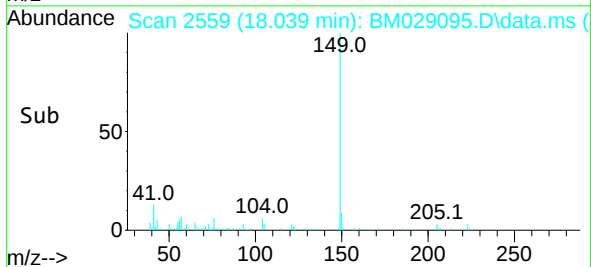
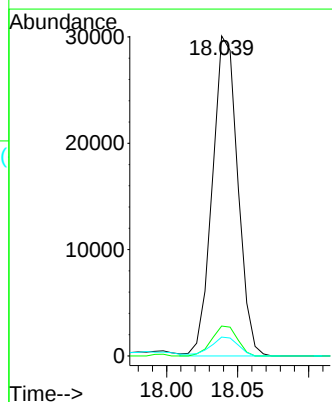
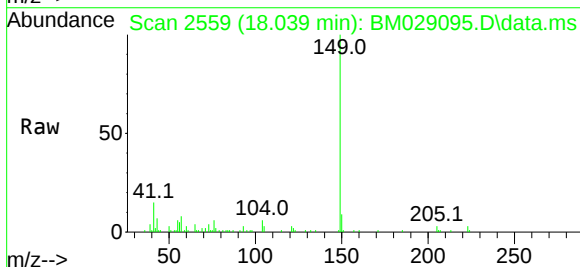
Instrument :
BNA_M
ClientSampleId :
FLOORS-4

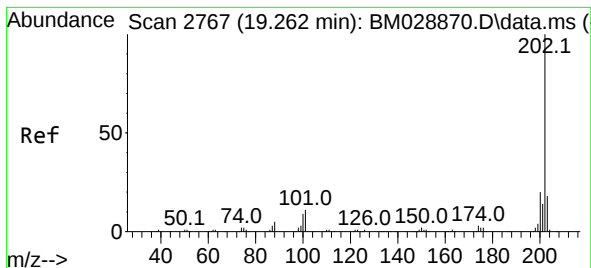
Tgt Ion:178 Resp: 14428
Ion Ratio Lower Upper
178 100
176 17.7 15.0 22.6
179 15.2 12.2 18.4



#74
Di-n-butylphthalate
Concen: 16.32 ng
RT: 18.039 min Scan# 2559
Delta R.T. -0.012 min
Lab File: BM029095.D
Acq: 11 Mar 2021 15:15

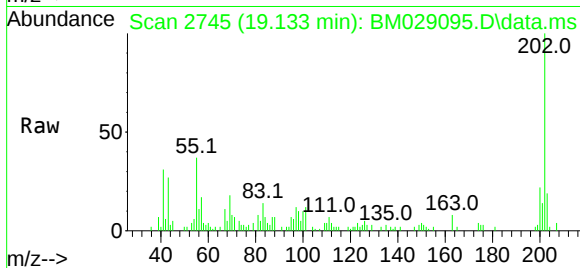
Tgt Ion:149 Resp: 37333
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.9 4.7 7.1



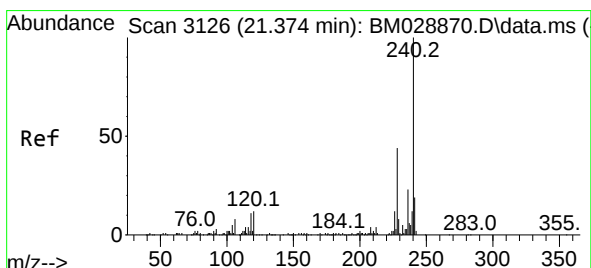
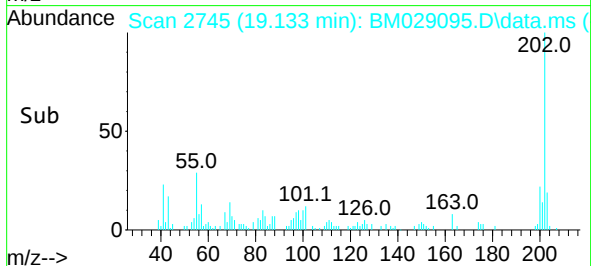
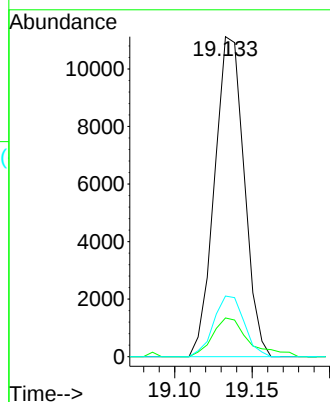


#75
Fluoranthene
Concen: 6.36 ng
RT: 19.133 min Scan# 2745
Delta R.T. -0.012 min
Lab File: BM029095.D
Acq: 11 Mar 2021 15:15

Instrument :
BNA_M
ClientSampled :
FLOORS-4

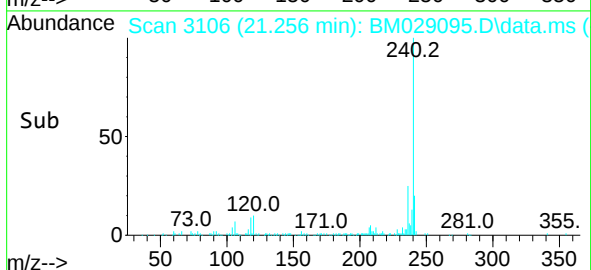
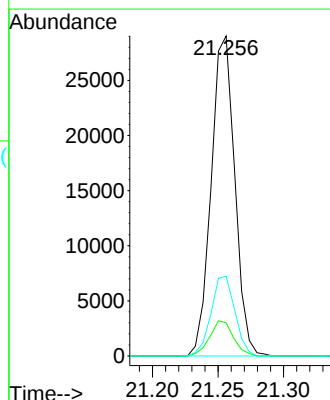
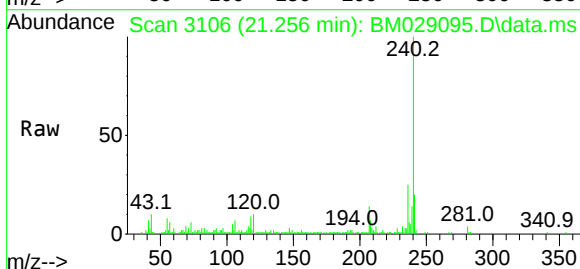


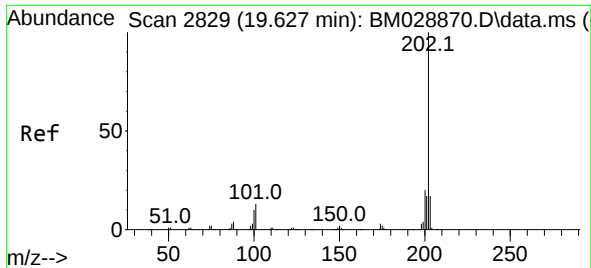
Tgt Ion:202 Resp: 14782
Ion Ratio Lower Upper
202 100
101 12.1 0.0 28.5
203 18.9 0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.256 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM029095.D
Acq: 11 Mar 2021 15:15

Tgt Ion:240 Resp: 36313
Ion Ratio Lower Upper
240 100
120 10.4 6.4 9.6#
236 25.0 20.1 30.1

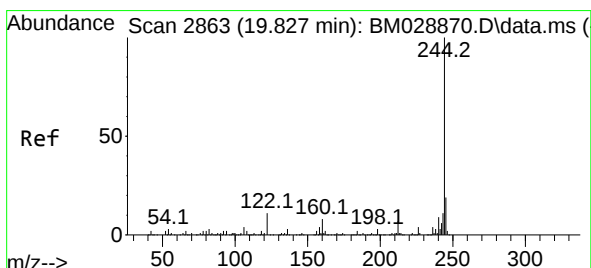
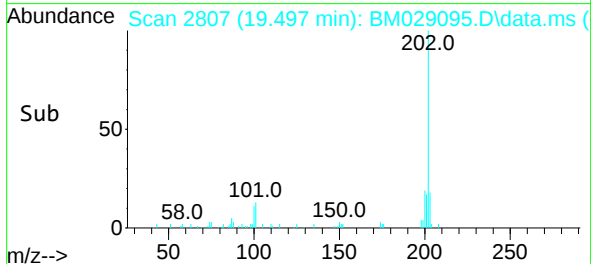
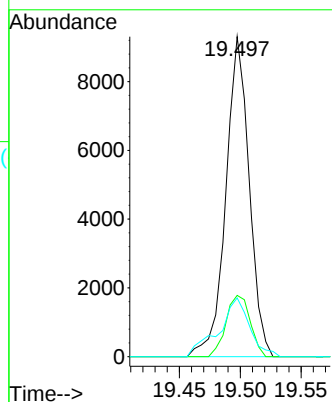
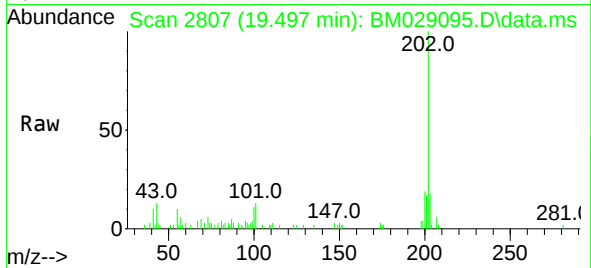




#78
Pyrene
Concen: 4.66 ng
RT: 19.497 min Scan# 2807
Delta R.T. -0.006 min
Lab File: BM029095.D
Acq: 11 Mar 2021 15:15

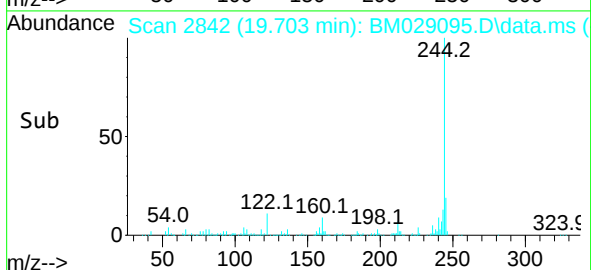
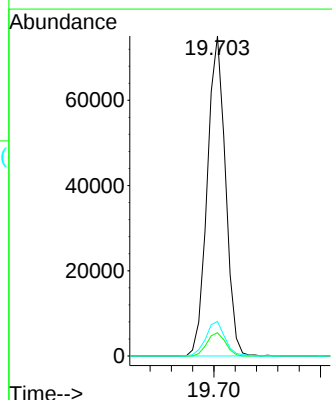
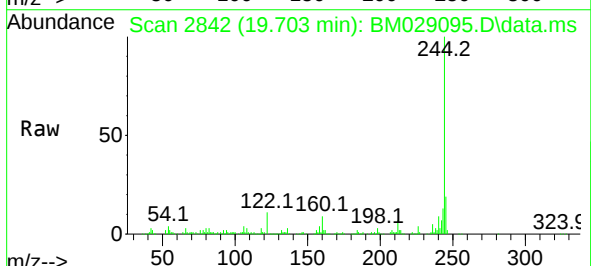
Instrument :
BNA_M
ClientSampled :
FLOORS-4

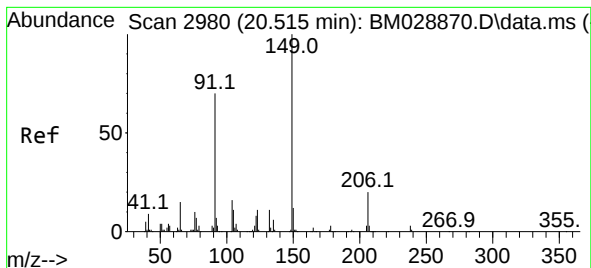
Tgt Ion:	202	Resp:	12440
Ion Ratio	Lower	Upper	
202	100		
200	19.2	16.6	24.8
203	18.4	13.8	20.6



#79
Terphenyl-d14
Concen: 45.24 ng
RT: 19.703 min Scan# 2842
Delta R.T. -0.006 min
Lab File: BM029095.D
Acq: 11 Mar 2021 15:15

Tgt Ion:	244	Resp:	88978
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.8
122	10.8	6.5	9.7#





#80

Butylbenzylphthalate

Concen: 2.45 ng

RT: 20.397 min Scan# 2960

Delta R.T. -0.006 min

Lab File: BM029095.D

Acq: 11 Mar 2021 15:15

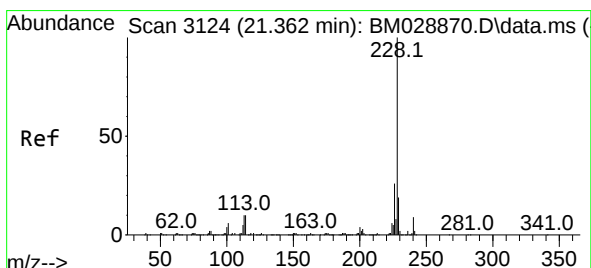
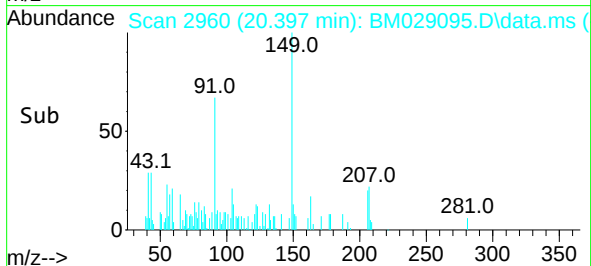
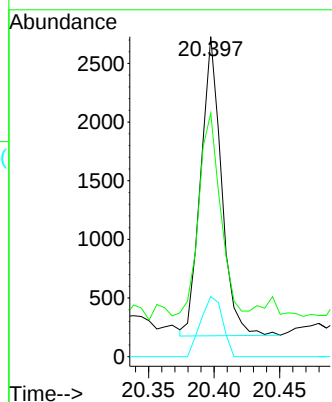
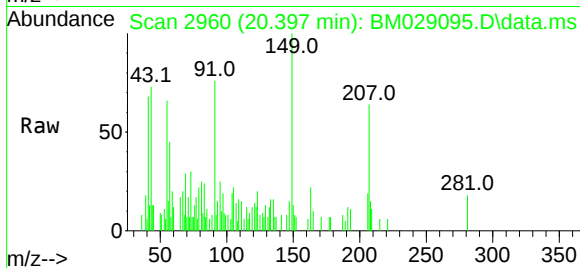
Tgt Ion:149 Resp: 2809

Ion Ratio Lower Upper

149 100

91 76.1 58.1 87.1

206 18.8 18.7 28.1



#81

Benzo(a)anthracene

Concen: 2.60 ng

RT: 21.291 min Scan# 3112

Delta R.T. 0.047 min

Lab File: BM029095.D

Acq: 11 Mar 2021 15:15

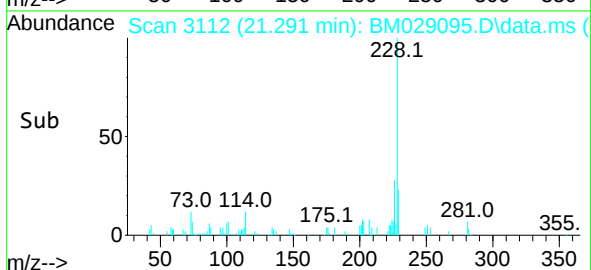
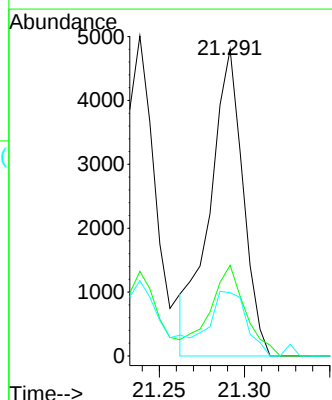
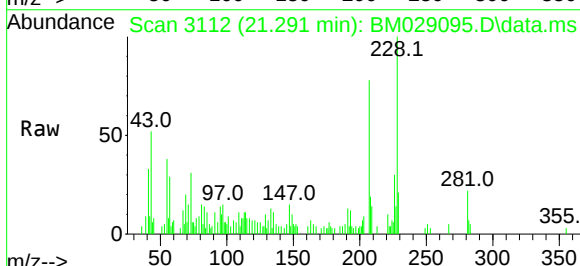
Tgt Ion:228 Resp: 6554

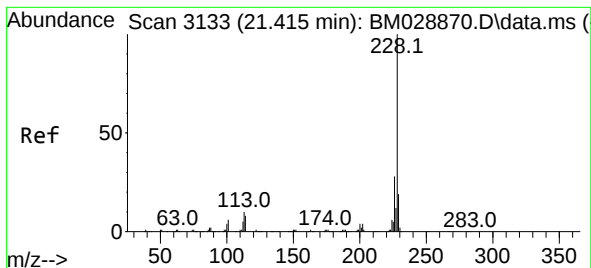
Ion Ratio Lower Upper

228 100

226 29.6 21.1 31.7

229 20.6 15.7 23.5





#83

Chrysene

Concen: 2.67 ng

RT: 21.291 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM029095.D

Acq: 11 Mar 2021 15:15

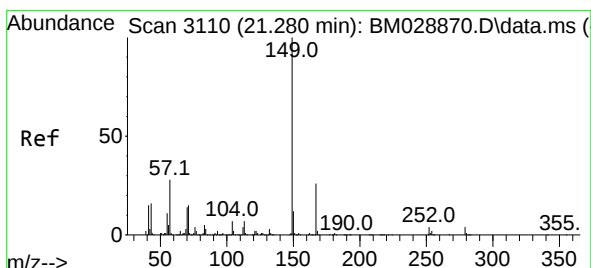
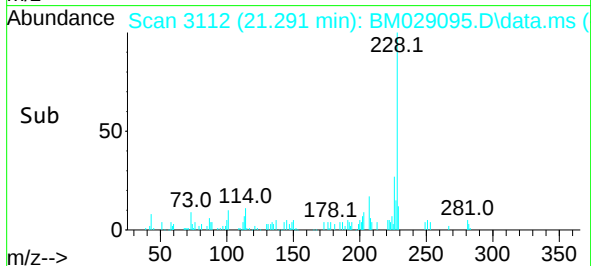
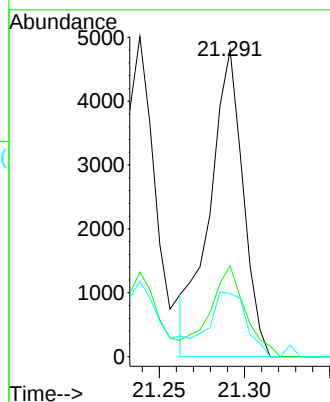
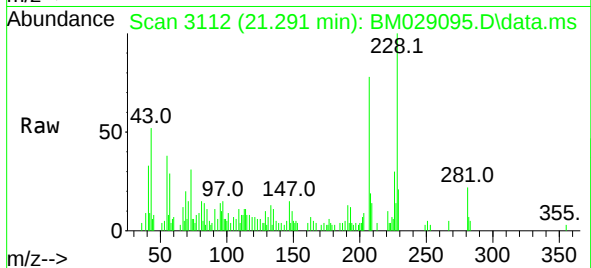
Tgt Ion:228	Resp:	6554
Ion Ratio	Lower	Upper
228	100	
226	29.6	23.4 35.0
229	20.6	15.7 23.5

Instrument :

BNA_M

ClientSampleId :

FLOORS-4



#84

Bis(2-ethylhexyl)phthalate

Concen: 387.85 ng

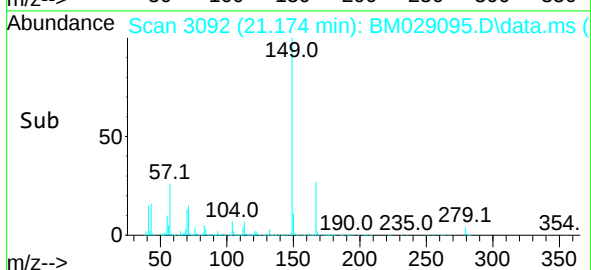
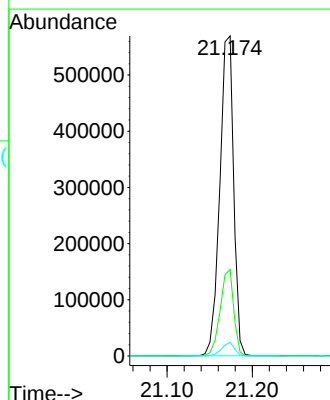
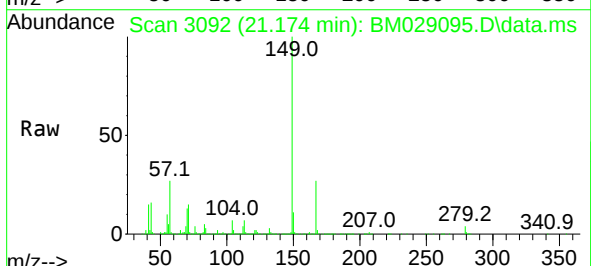
RT: 21.174 min Scan# 3092

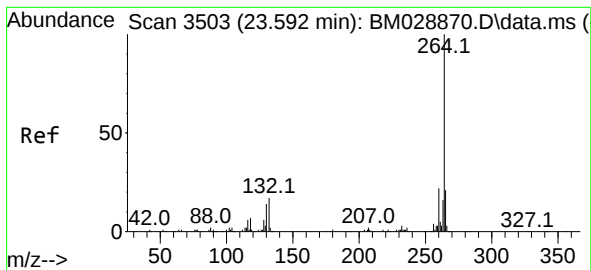
Delta R.T. -0.000 min

Lab File: BM029095.D

Acq: 11 Mar 2021 15:15

Tgt Ion:149	Resp:	640960
Ion Ratio	Lower	Upper
149	100	
167	27.0	22.7 34.1
279	4.2	4.0 6.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.409 min Scan# 3472

Delta R.T. -0.012 min

Lab File: BM029095.D

Acq: 11 Mar 2021 15:15

Tgt Ion:264 Resp: 37666

Ion Ratio Lower Upper

264 100

260 21.5 19.0 28.4

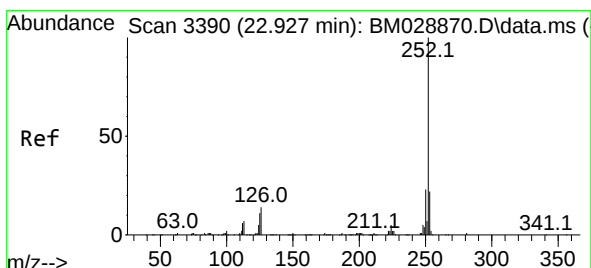
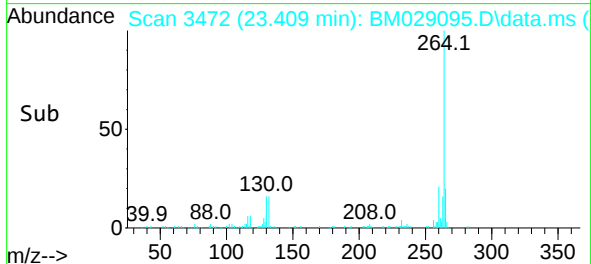
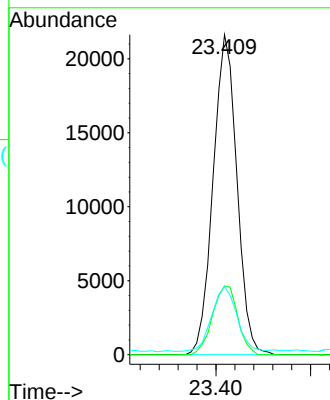
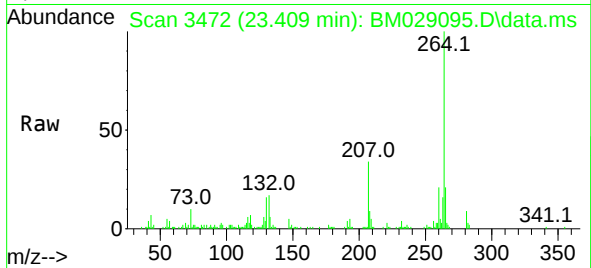
265 21.3 17.7 26.5

Instrument :

BNA_M

ClientSampleId :

FLOORS-4



#88

Benzo(b)fluoranthene

Concen: 2.78 ng

RT: 22.774 min Scan# 3364

Delta R.T. -0.006 min

Lab File: BM029095.D

Acq: 11 Mar 2021 15:15

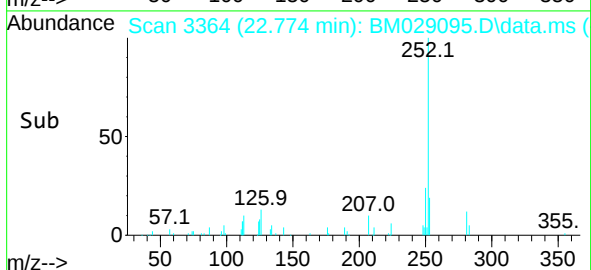
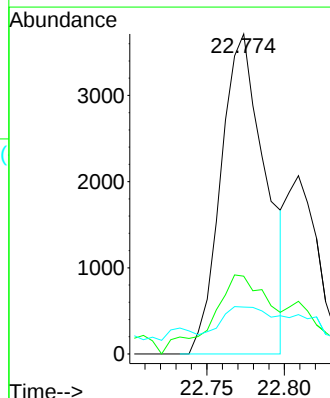
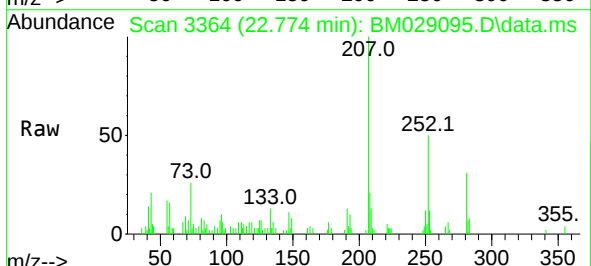
Tgt Ion:252 Resp: 7387

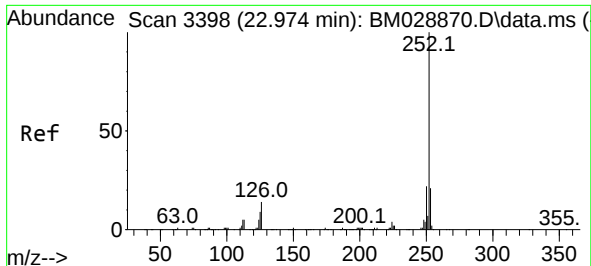
Ion Ratio Lower Upper

252 100

253 24.3 17.4 26.0

125 14.7 5.7 8.5#

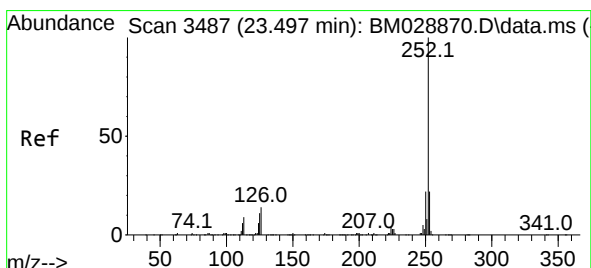
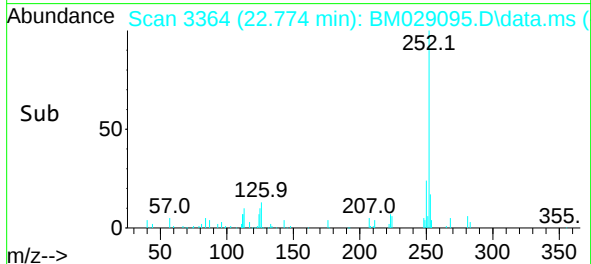
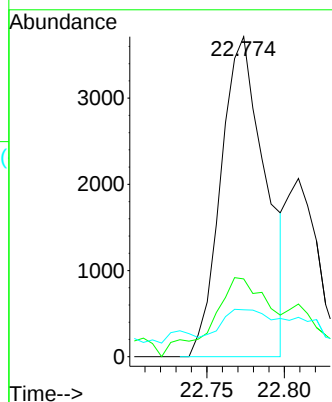
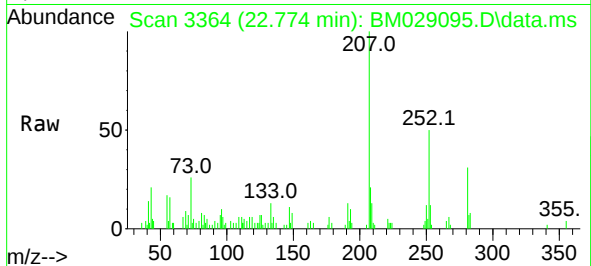




#89
Benzo(k)fluoranthene
Concen: 2.92 ng
RT: 22.774 min Scan# 3364
Delta R.T. -0.047 min
Lab File: BM029095.D
Acq: 11 Mar 2021 15:15

Instrument :
BNA_M
ClientSampled :
FLOORS-4

Tgt Ion:252 Resp: 7387
Ion Ratio Lower Upper
252 100
253 24.3 17.4 26.0
125 14.7 5.6 8.4#



#90
Benzo(a)pyrene
Concen: 2.04 ng
RT: 23.321 min Scan# 3457
Delta R.T. -0.012 min
Lab File: BM029095.D
Acq: 11 Mar 2021 15:15

Tgt Ion:252 Resp: 4946
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 16.3 6.6 9.8#

