

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
 Data File : BM028888.D
 Acq On : 24 Feb 2021 20:35
 Operator : CG/JU
 Sample : M1472-03 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMPOSITE-01(TP2-TP1)

Quant Time: Feb 25 00:12:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 23 16:39:41 2021
 Response via : Initial Calibration

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

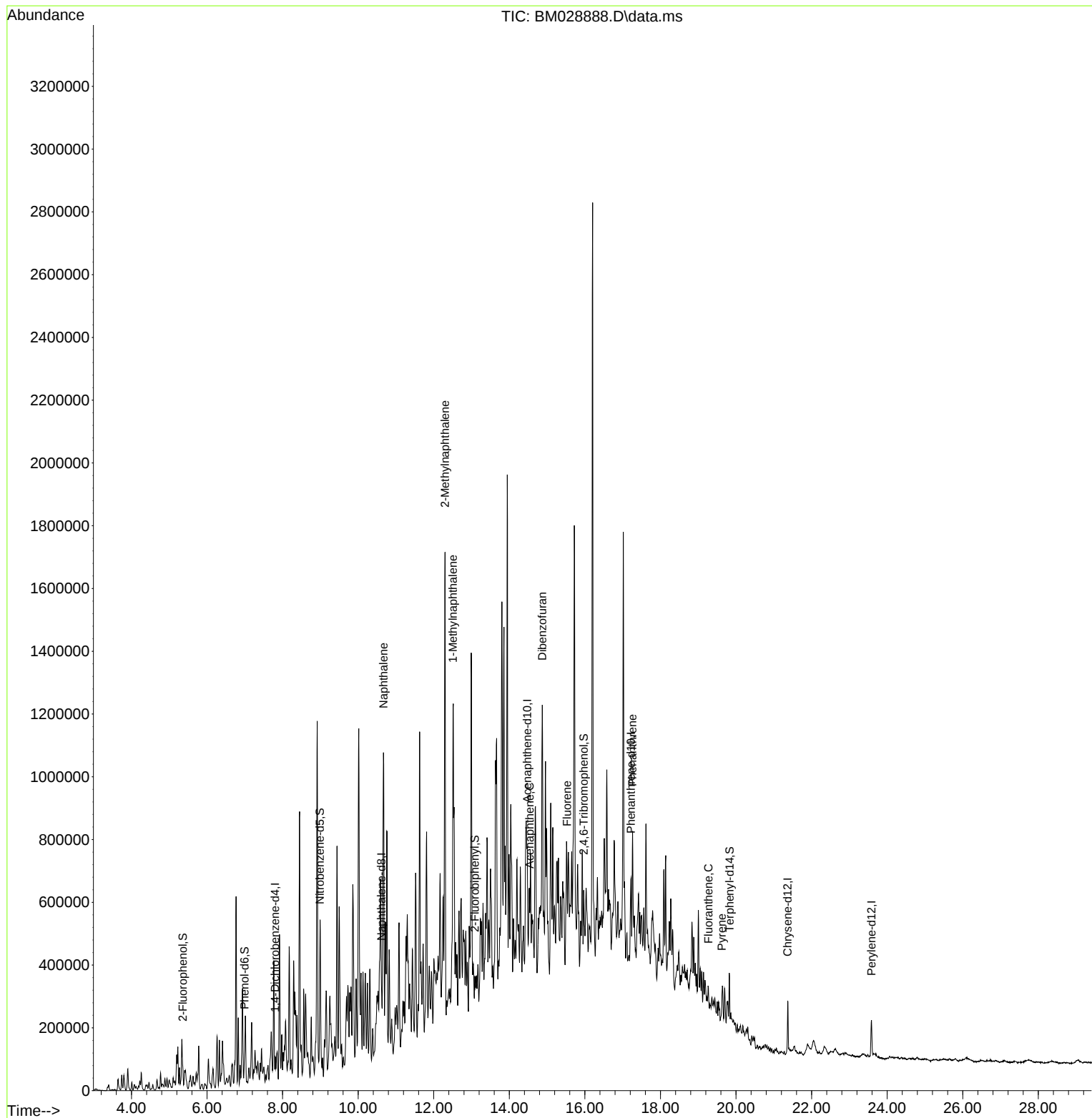
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	21996	20.00	ng	0.00
21) Naphthalene-d8	10.616	136	91499	20.00	ng	# 0.00
39) Acenaphthene-d10	14.474	164	58901	20.00	ng	0.00
64) Phenanthrene-d10	17.221	188	100644	20.00	ng	# 0.00
76) Chrysene-d12	21.368	240	71449	20.00	ng	# 0.00
86) Perylene-d12	23.586	264	69666	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	26157	19.71	ng	0.00
7) Phenol-d6	6.993	99	34071	19.44	ng	0.00
23) Nitrobenzene-d5	8.987	82	23288	13.73	ng	0.00
42) 2,4,6-Tribromophenol	15.974	330	12168	17.43	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	47358	10.70	ng	0.00
79) Terphenyl-d14	19.827	244	48017	12.41	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.669	128	507448	100.59	ng	98
37) 2-Methylnaphthalene	12.298	142	743443	209.45	ng	97
38) 1-Methylnaphthalene	12.510	142	419795	124.87	ng	99
52) Acenaphthene	14.539	154	23628	6.51	ng	# 93
55) Dibenzofuran	14.874	168	31352	5.50	ng	# 1
58) Fluorene	15.527	166	68524	14.99	ng	# 90
71) Phenanthrene	17.263	178	176443	29.44	ng	97
75) Fluoranthene	19.268	202	19119	2.90	ng	86
78) Pyrene	19.627	202	40229	7.66	ng	# 95

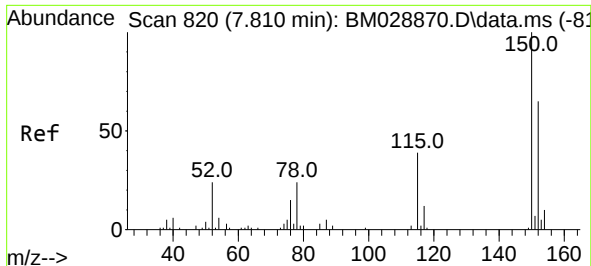
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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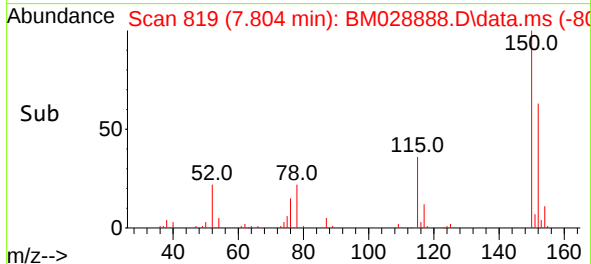
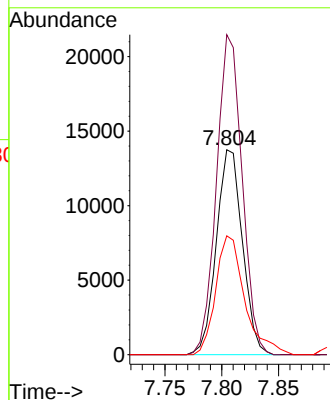
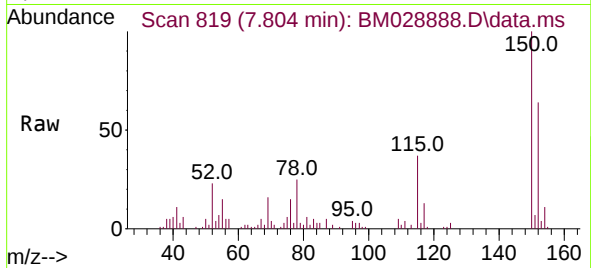




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.804 min Scan# 819
Delta R.T. -0.006 min
Lab File: BM028888.D
Acq: 24 Feb 2021 20:35

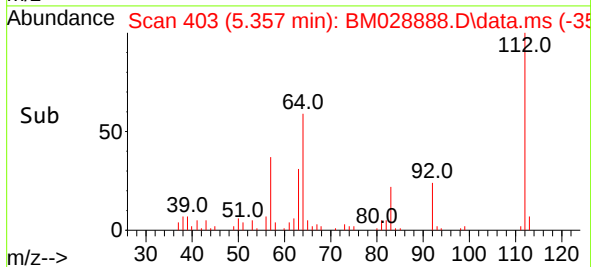
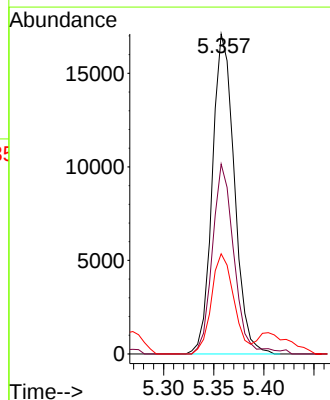
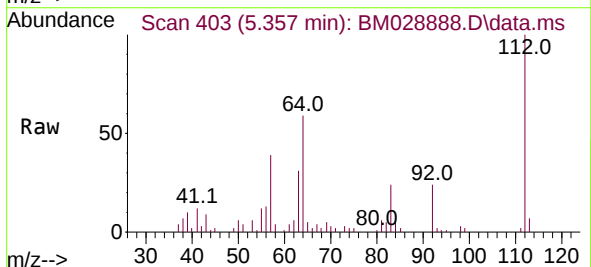
Instrument :
BNA_M
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COMPOSITE-01(TP2-TP1)

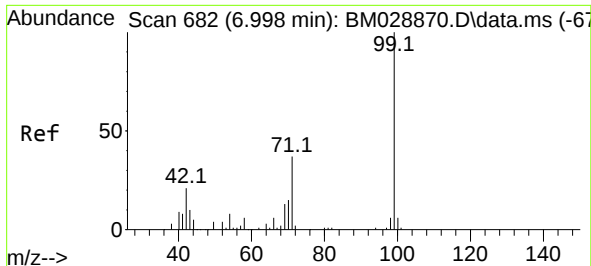
Tgt Ion:152 Resp: 21996
Ion Ratio Lower Upper
152 100
150 156.1 120.6 181.0
115 58.0 47.2 70.8



#5
2-Fluorophenol
Concen: 19.71 ng
RT: 5.357 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM028888.D
Acq: 24 Feb 2021 20:35

Tgt Ion:112 Resp: 26157
Ion Ratio Lower Upper
112 100
64 59.3 50.6 76.0
63 31.3 31.0 46.6

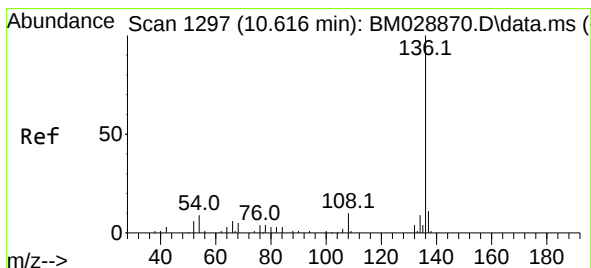
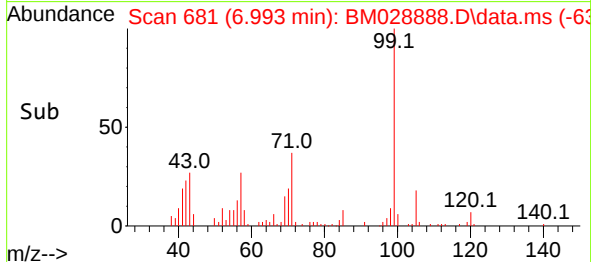
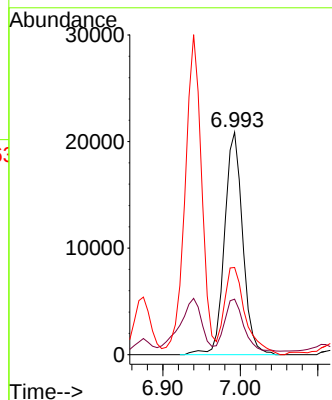
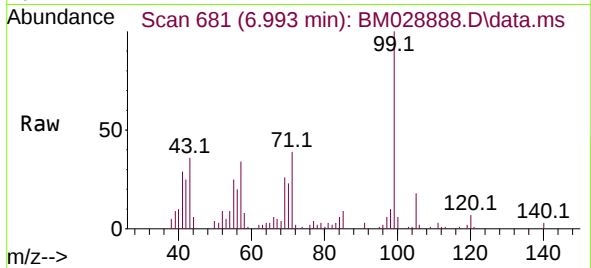




#7
Phenol-d6
Concen: 19.44 ng
RT: 6.993 min Scan# 681
Delta R.T. -0.006 min
Lab File: BM028888.D
Acq: 24 Feb 2021 20:35

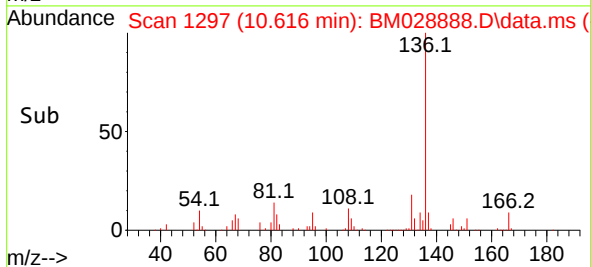
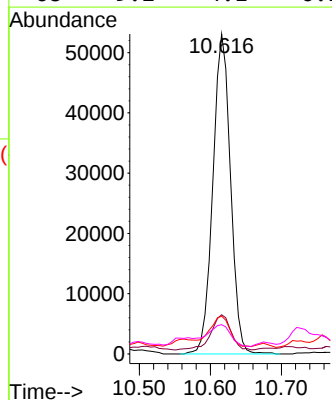
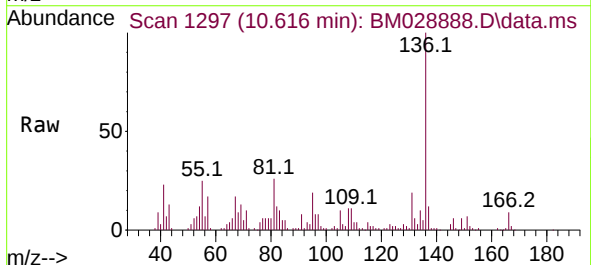
Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

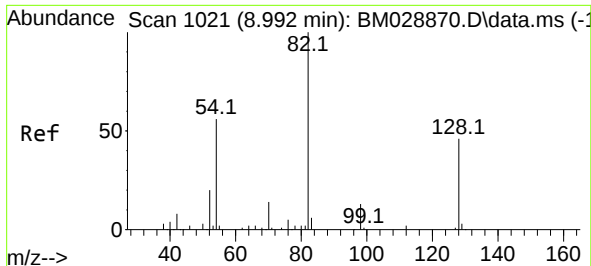
Tgt Ion: 99 Resp: 34071
Ion Ratio Lower Upper
99 100
42 24.9 13.5 20.3#
71 39.2 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.616 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BM028888.D
Acq: 24 Feb 2021 20:35

Tgt Ion:136 Resp: 91499
Ion Ratio Lower Upper
136 100
137 12.2 8.6 12.8
54 11.8 4.6 7.0#
68 9.2 4.1 6.1#

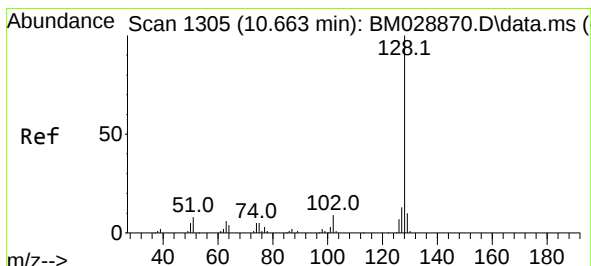
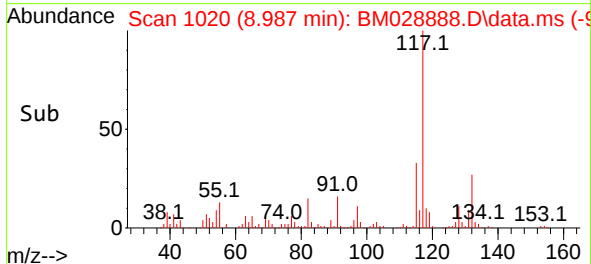
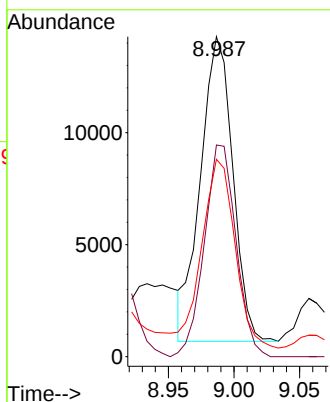
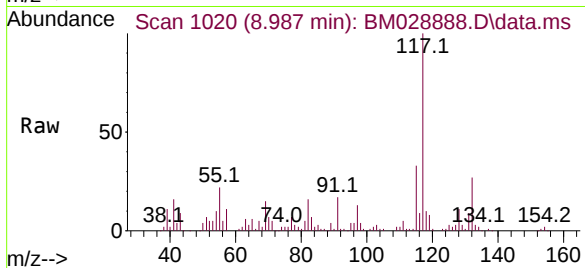




#23
Nitrobenzene-d5
Concen: 13.73 ng
RT: 8.987 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BM028888.D
Acq: 24 Feb 2021 20:35

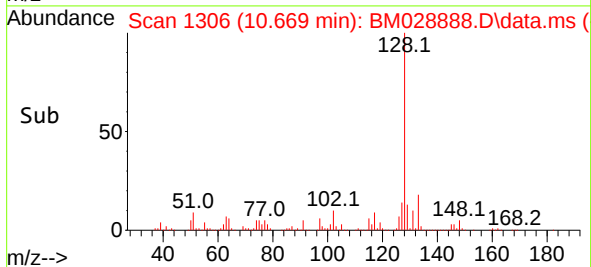
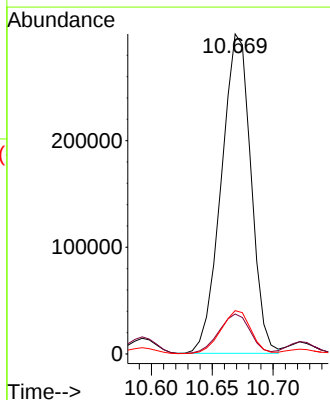
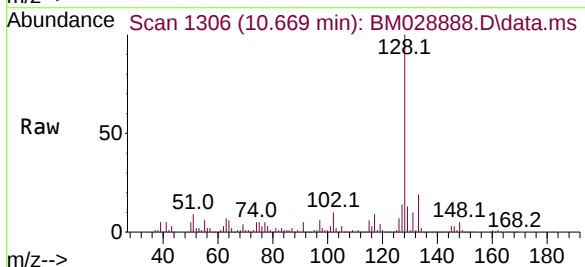
Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

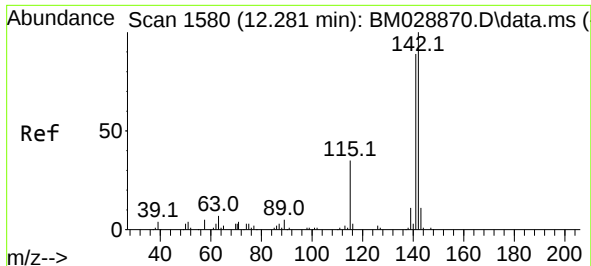
Tgt Ion: 82 Resp: 23288
Ion Ratio Lower Upper
82 100
128 66.1 27.4 41.0#
54 61.7 31.4 47.0#



#31
Naphthalene
Concen: 100.59 ng
RT: 10.669 min Scan# 1306
Delta R.T. 0.006 min
Lab File: BM028888.D
Acq: 24 Feb 2021 20:35

Tgt Ion:128 Resp: 507448
Ion Ratio Lower Upper
128 100
129 12.5 9.0 13.4
127 13.6 10.6 15.8

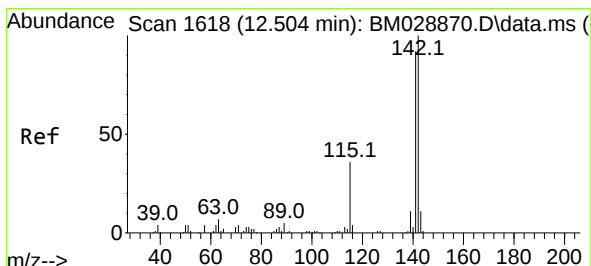
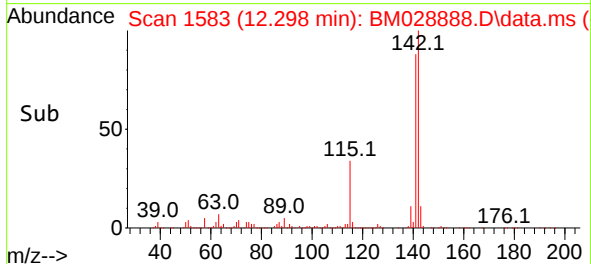
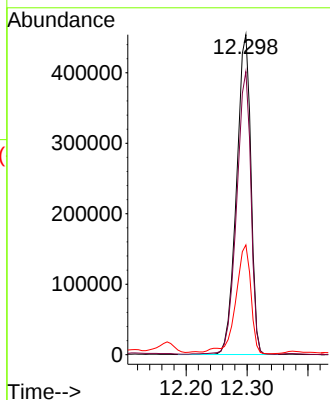
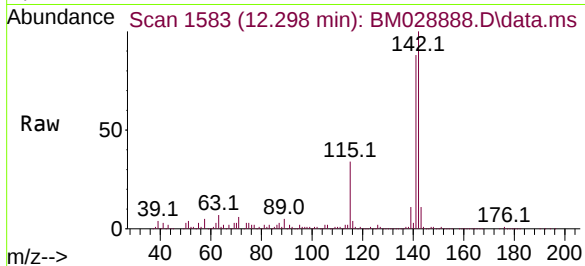




#37
2-Methylnaphthalene
Concen: 209.45 ng
RT: 12.298 min Scan# 1583
Delta R.T. 0.018 min
Lab File: BM028888.D
Acq: 24 Feb 2021 20:35

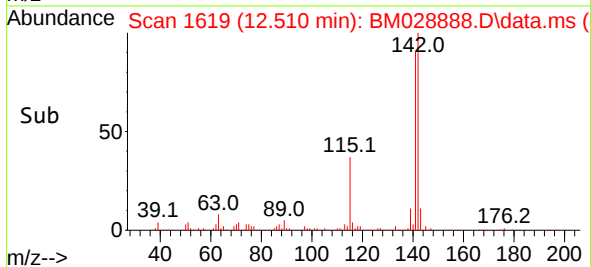
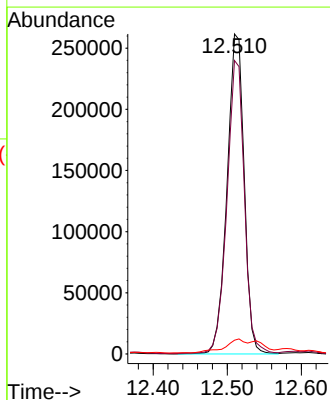
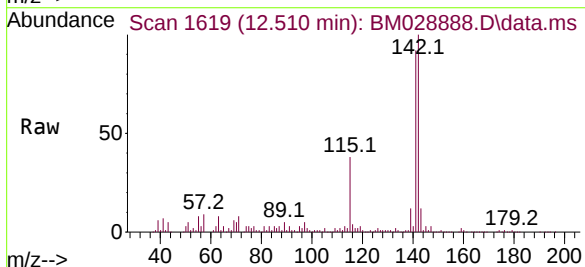
Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

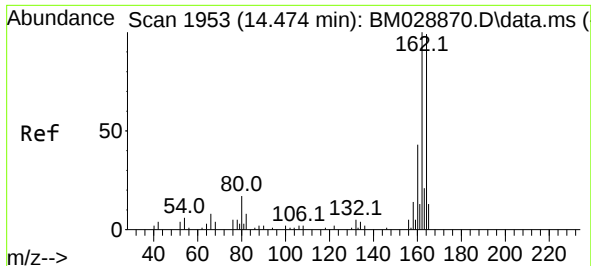
Tgt Ion:142 Resp: 743443
Ion Ratio Lower Upper
142 100
141 88.5 70.3 105.5
115 34.3 32.2 48.4



#38
1-Methylnaphthalene
Concen: 124.87 ng
RT: 12.510 min Scan# 1619
Delta R.T. 0.006 min
Lab File: BM028888.D
Acq: 24 Feb 2021 20:35

Tgt Ion:142 Resp: 419795
Ion Ratio Lower Upper
142 100
141 91.7 73.8 110.6
116 4.3 3.5 5.3

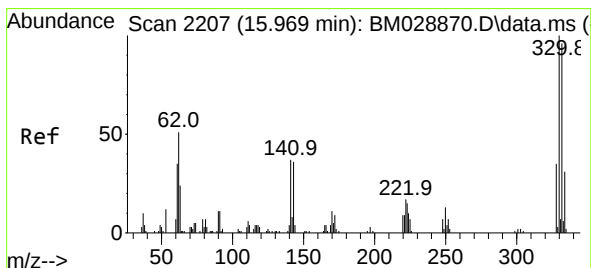
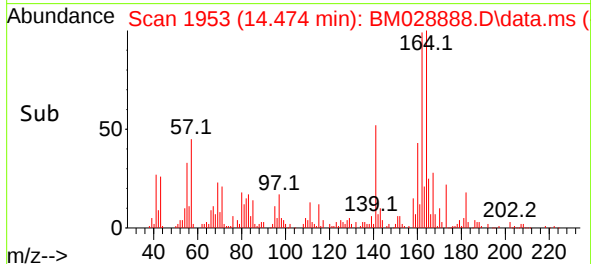
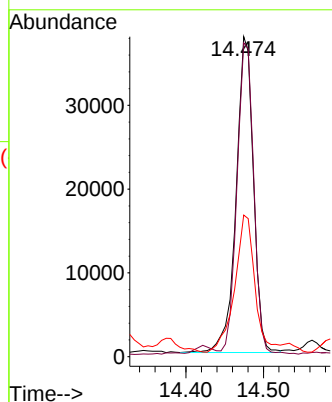
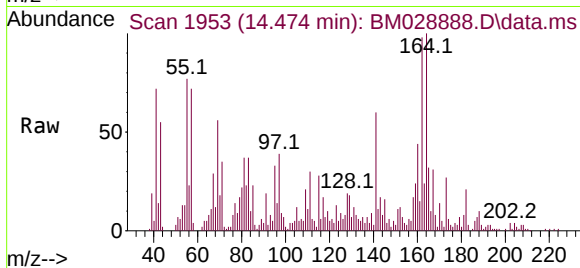




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.474 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BM028888.D
Acq: 24 Feb 2021 20:35

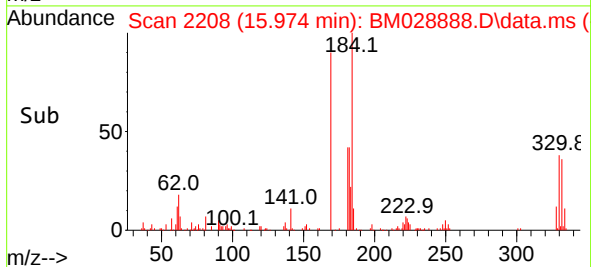
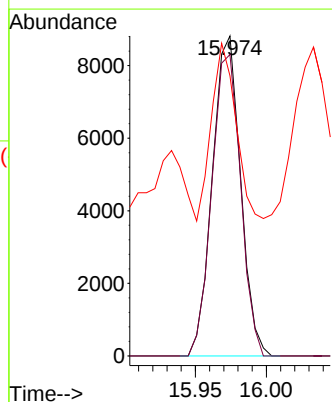
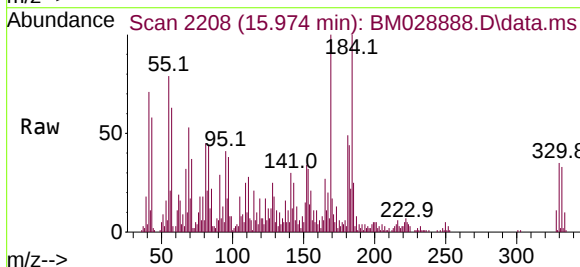
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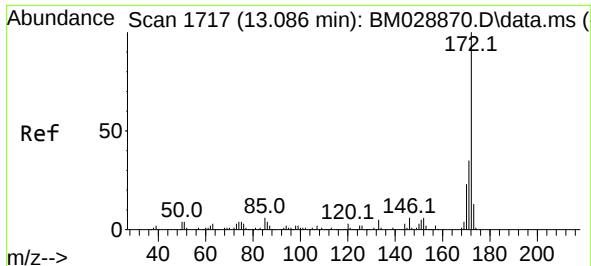
Tgt Ion:164 Resp: 58901
Ion Ratio Lower Upper
164 100
162 98.1 80.4 120.6
160 44.3 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 17.43 ng
RT: 15.974 min Scan# 2208
Delta R.T. 0.006 min
Lab File: BM028888.D
Acq: 24 Feb 2021 20:35

Tgt Ion:330 Resp: 12168
Ion Ratio Lower Upper
330 100
332 95.9 77.8 116.8
141 48.1 28.4 42.6#

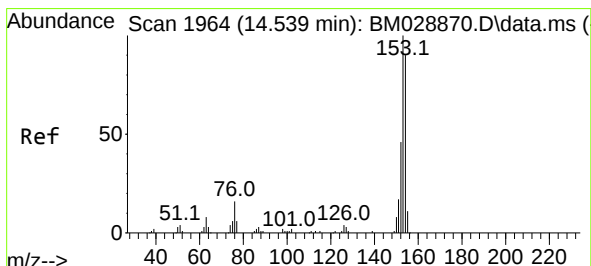
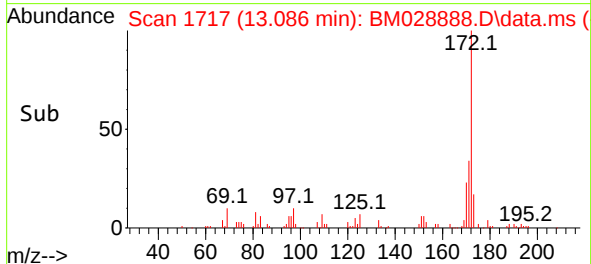
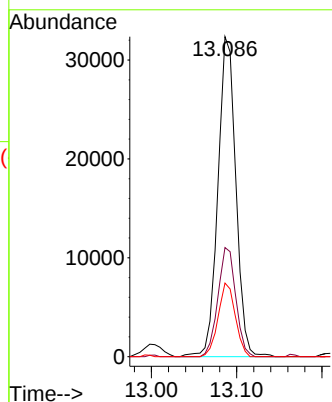
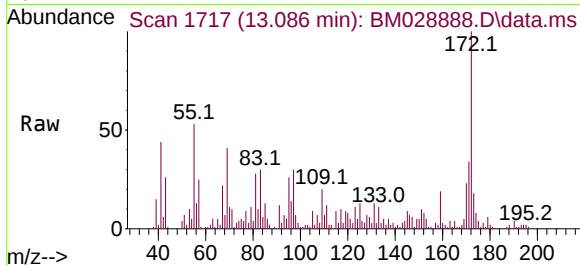




#45
2-Fluorobiphenyl
Concen: 10.70 ng
RT: 13.086 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BM028888.D
Acq: 24 Feb 2021 20:35

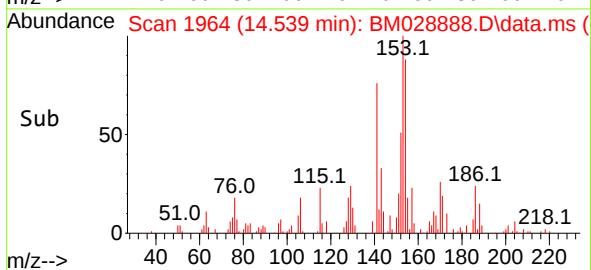
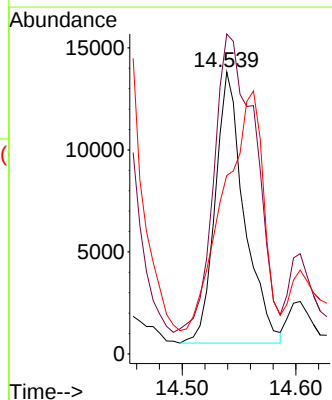
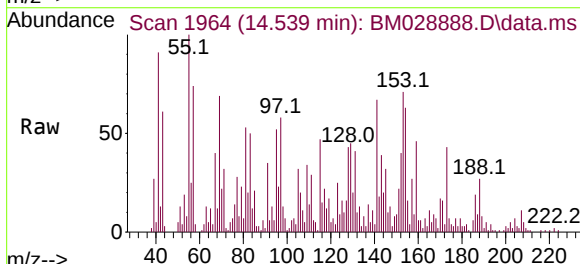
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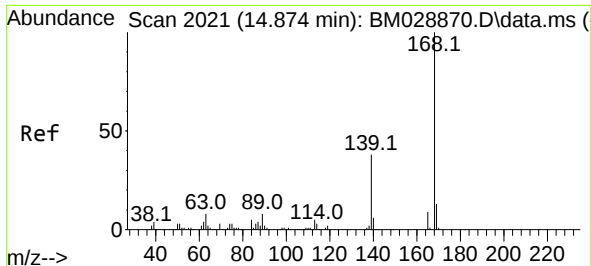
Tgt Ion:172	Resp:	47358
Ion Ratio	Lower	Upper
172	100	
171	34.1	27.8 41.8
170	23.0	18.6 27.8



#52
Acenaphthene
Concen: 6.51 ng
RT: 14.539 min Scan# 1964
Delta R.T. 0.000 min
Lab File: BM028888.D
Acq: 24 Feb 2021 20:35

Tgt Ion:154	Resp:	23628
Ion Ratio	Lower	Upper
154	100	
153	113.4	88.3 132.5
152	63.3	41.4 62.2#

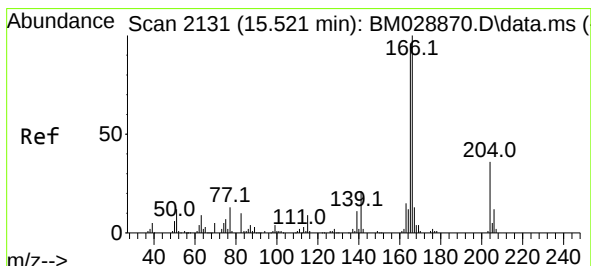
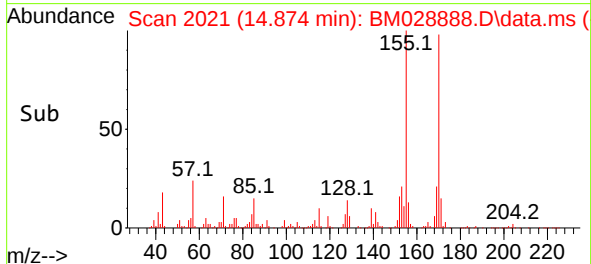
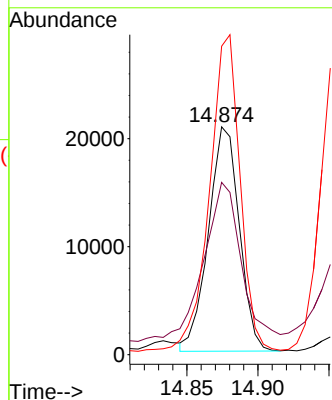
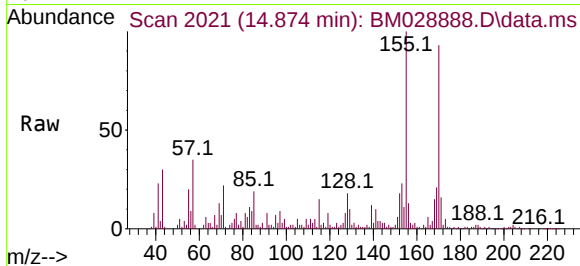




#55
Dibenzofuran
Concen: 5.50 ng
RT: 14.874 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BM028888.D
Acq: 24 Feb 2021 20:35

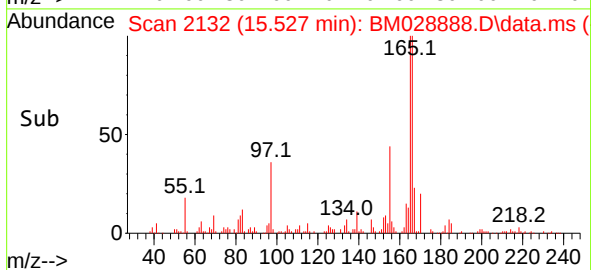
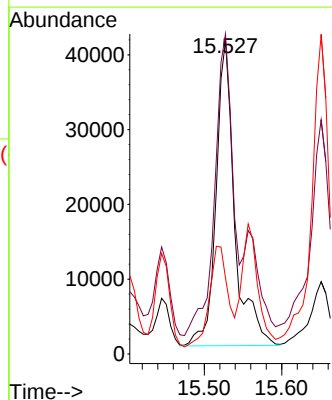
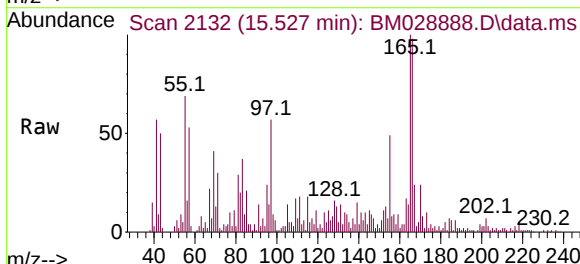
Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

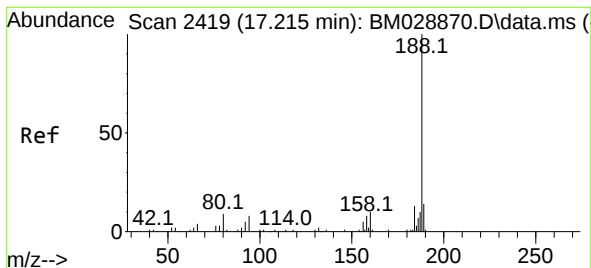
Tgt Ion:168 Resp: 31352
Ion Ratio Lower Upper
168 100
139 75.7 30.2 45.4#
169 135.4 10.6 16.0#



#58
Fluorene
Concen: 14.99 ng
RT: 15.527 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BM028888.D
Acq: 24 Feb 2021 20:35

Tgt Ion:166 Resp: 68524
Ion Ratio Lower Upper
166 100
165 102.1 76.2 114.2
167 24.3 10.7 16.1#





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.221 min Scan# 2420

Delta R.T. 0.006 min

Lab File: BM028888.D

Acq: 24 Feb 2021 20:35

Tgt Ion:188 Resp: 100644

Ion Ratio Lower Upper

188 100

94 10.2 6.2 9.4#

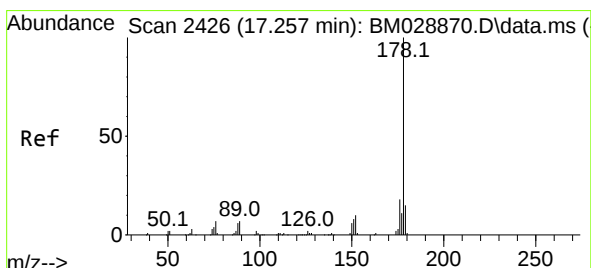
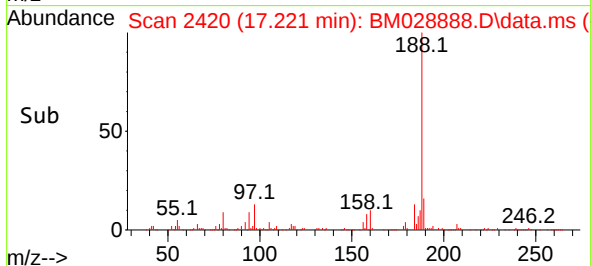
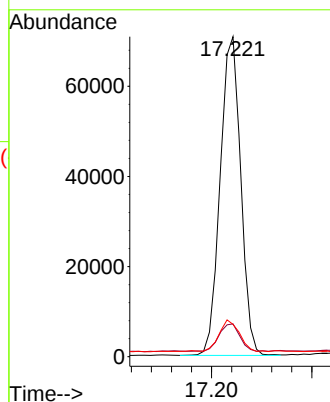
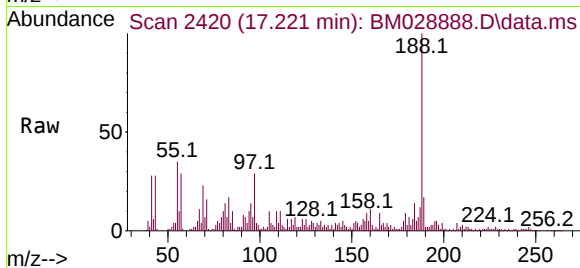
80 10.1 7.5 11.3

Instrument :

BNA_M

ClientSampleId :

COMPOSITE-01(TP2-TP1)



#71

Phenanthrene

Concen: 29.44 ng

RT: 17.263 min Scan# 2427

Delta R.T. 0.006 min

Lab File: BM028888.D

Acq: 24 Feb 2021 20:35

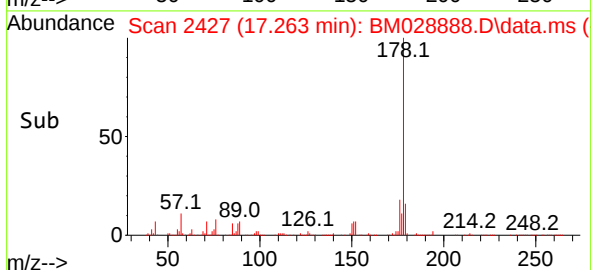
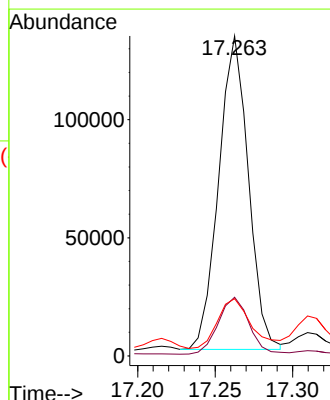
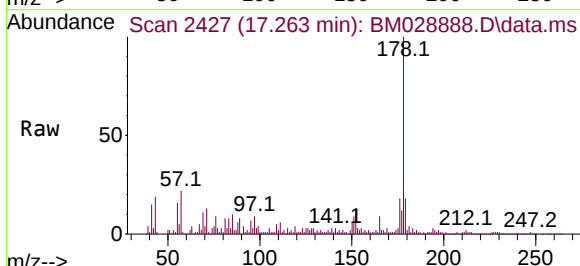
Tgt Ion:178 Resp: 176443

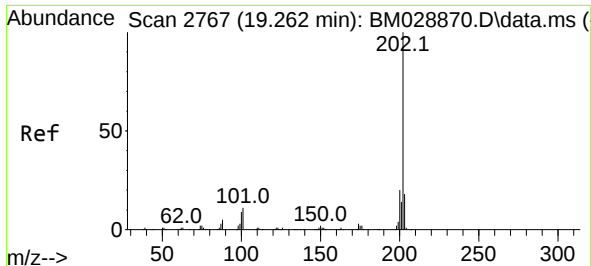
Ion Ratio Lower Upper

178 100

176 18.4 15.0 22.6

179 17.9 12.2 18.4

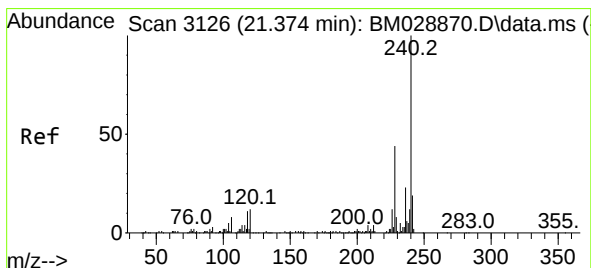
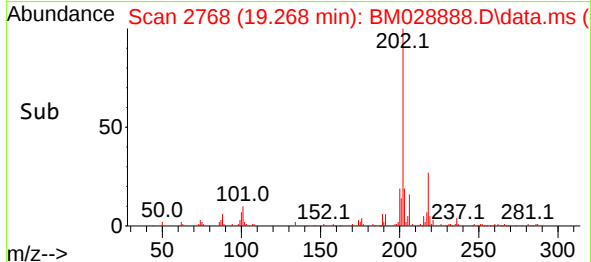
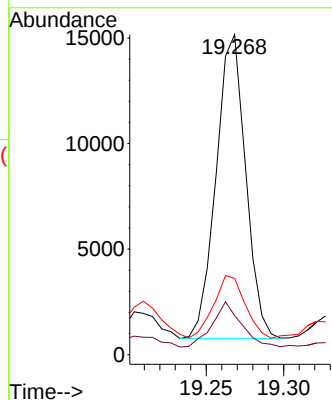
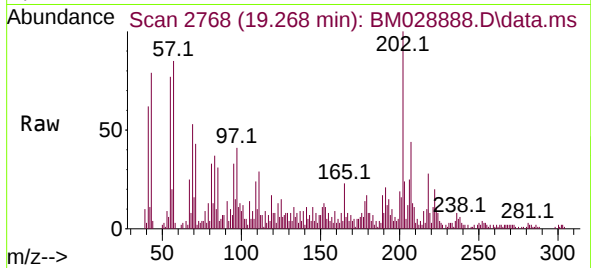




#75
Fluoranthene
Concen: 2.90 ng
RT: 19.268 min Scan# 2768
Delta R.T. 0.006 min
Lab File: BM028888.D
Acq: 24 Feb 2021 20:35

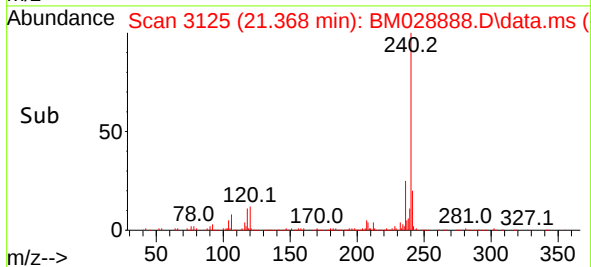
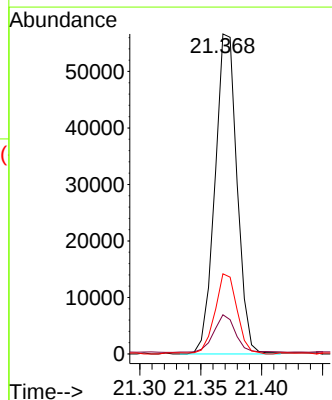
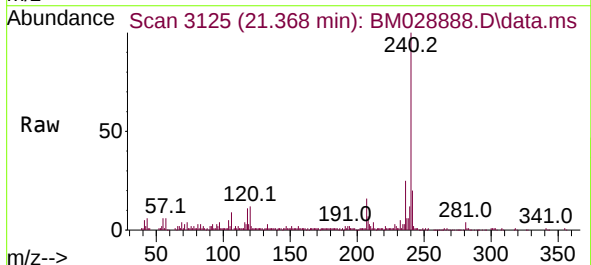
Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

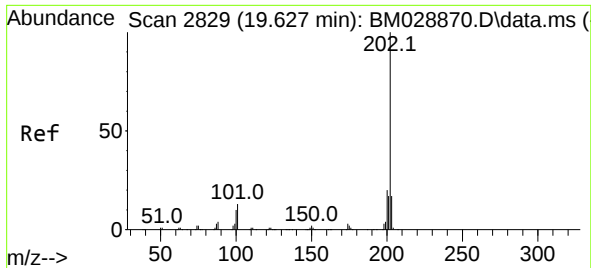
Tgt Ion:	202	Resp:	19119
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	28.5
203	23.9	0.0	37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.368 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM028888.D
Acq: 24 Feb 2021 20:35

Tgt Ion:	240	Resp:	71449
Ion Ratio	Lower	Upper	
240	100		
120	12.2	6.4	9.6#
236	25.1	20.1	30.1

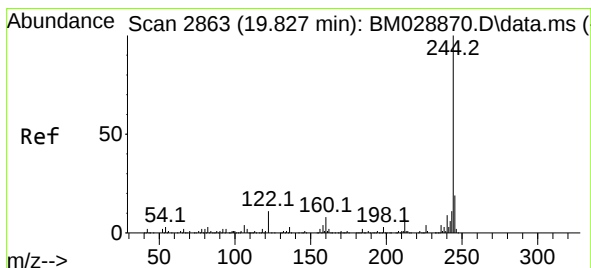
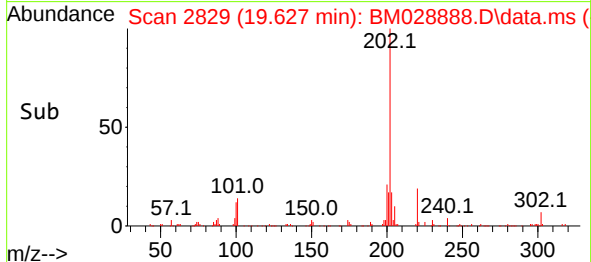
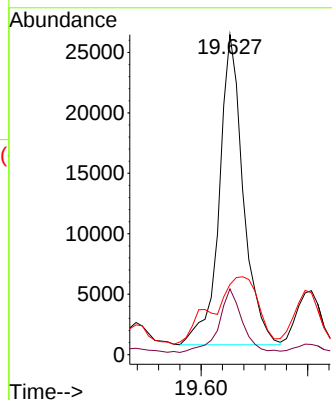
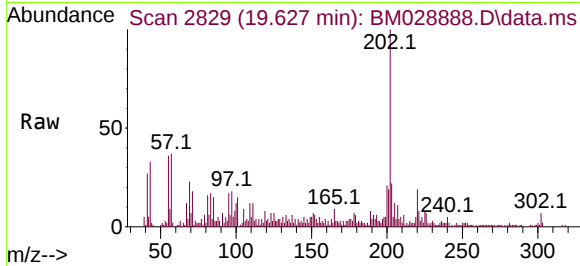




#78
Pyrene
Concen: 7.66 ng
RT: 19.627 min Scan# 2829
Delta R.T. -0.000 min
Lab File: BM028888.D
Acq: 24 Feb 2021 20:35

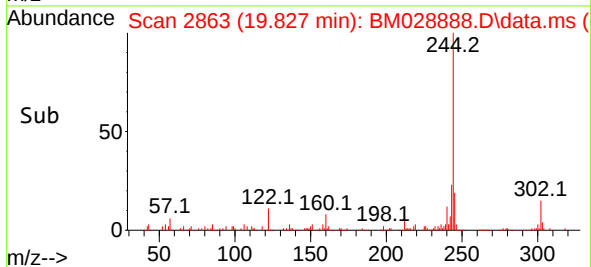
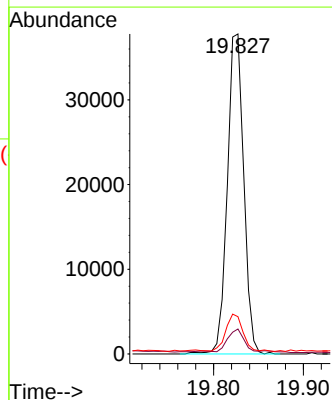
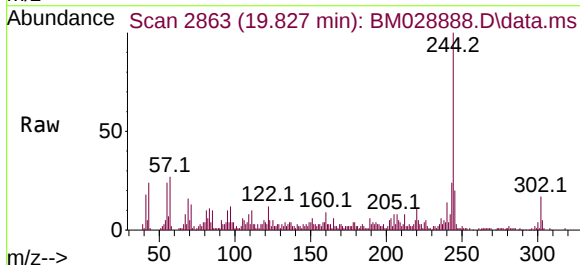
Instrument :
BNA_M
ClientSampleId :
COMPOSITE-01(TP2-TP1)

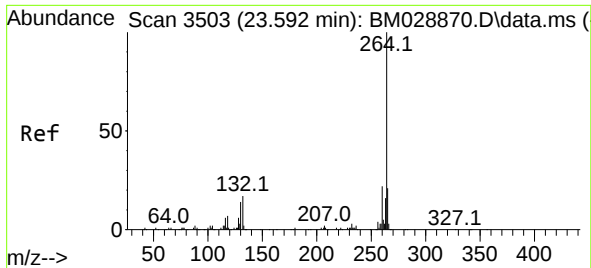
Tgt Ion:	202	Resp:	40229
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.6	24.8
203	22.0	13.8	20.6#



#79
Terphenyl-d14
Concen: 12.41 ng
RT: 19.827 min Scan# 2863
Delta R.T. 0.000 min
Lab File: BM028888.D
Acq: 24 Feb 2021 20:35

Tgt Ion:	244	Resp:	48017
Ion Ratio	Lower	Upper	
244	100		
212	7.8	5.8	8.8
122	11.7	6.5	9.7#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.586 min Scan# 3502
 Delta R.T. -0.006 min
 Lab File: BM028888.D
 Acq: 24 Feb 2021 20:35

Instrument :
 BNA_M
 ClientSampleId :
 COMPOSITE-01(TP2-TP1)

Tgt Ion:264	Resp:	69666
Ion Ratio	Lower	Upper
264	100	
260	23.5	19.0 28.4
265	22.9	17.7 26.5

