

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121720\
 Data File : BM028149.D
 Acq On : 17 Dec 2020 19:57
 Operator : JU/CG
 Sample : L5113-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CS1

Quant Time: Dec 18 00:21:25 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 16 01:58:38 2020
 Response via : Initial Calibration

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

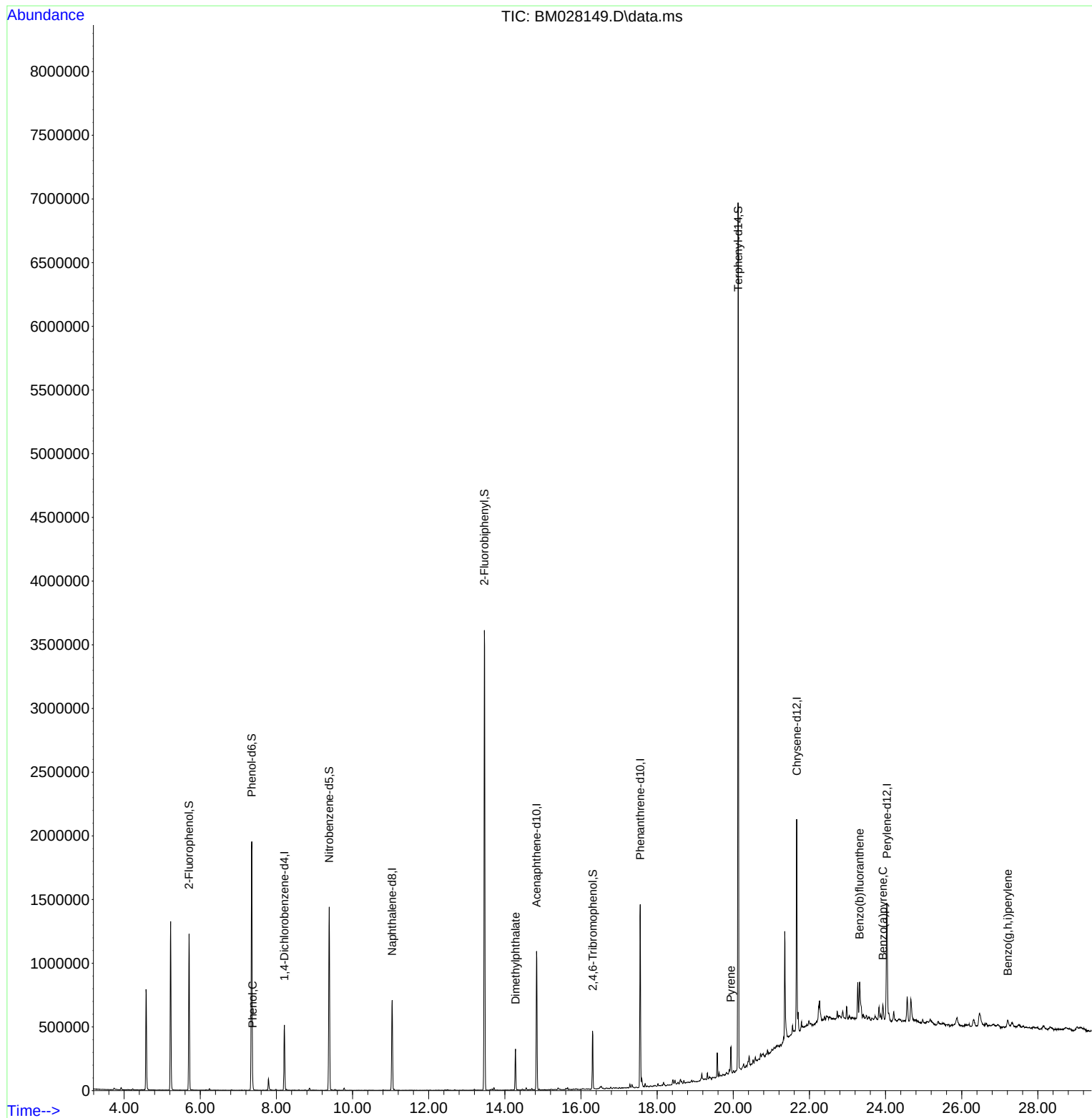
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.210	152	134228	20.00	ng	0.00
21) Naphthalene-d8	11.039	136	577828	20.00	ng	# 0.00
39) Acenaphthene-d10	14.833	164	353395	20.00	ng	-0.01
64) Phenanthrene-d10	17.557	188	811933	20.00	ng	# 0.00
76) Chrysene-d12	21.668	240	774894	20.00	ng	# 0.00
86) Perylene-d12	24.033	264	661474	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.704	112	500657	61.46	ng	0.00
7) Phenol-d6	7.351	99	1071485	92.12	ng	0.00
23) Nitrobenzene-d5	9.387	82	765510	65.74	ng	-0.01
42) 2,4,6-Tribromophenol	16.310	330	75362	16.06	ng	0.00
45) 2-Fluorobiphenyl	13.463	172	1810023	66.59	ng	-0.01
79) Terphenyl-d14	20.127	244	2867526	67.15	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.375	94	33488	3.03	ng	88
50) Dimethylphthalate	14.280	163	195406	6.66	ng	100
78) Pyrene	19.939	202	117502	2.09	ng	98
88) Benzo(b)fluoranthene	23.315	252	120486	2.67	ng	# 86
90) Benzo(a)pyrene	23.927	252	87681	2.17	ng	# 89
92) Benzo(g,h,i)perylene	27.209	276	71590	2.04	ng	# 85

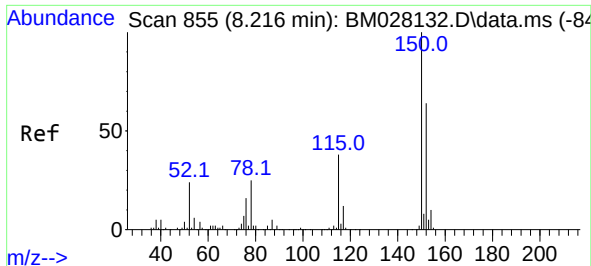
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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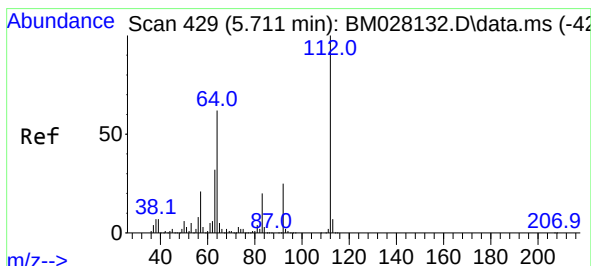
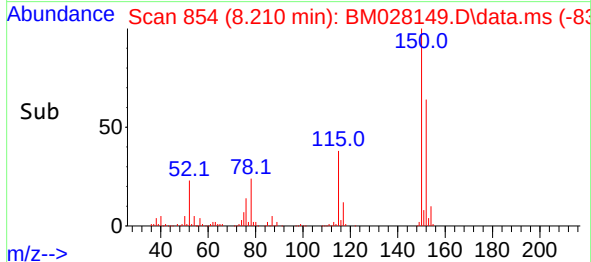
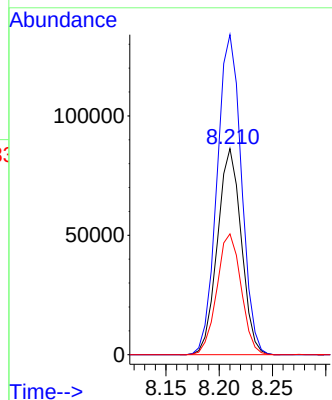
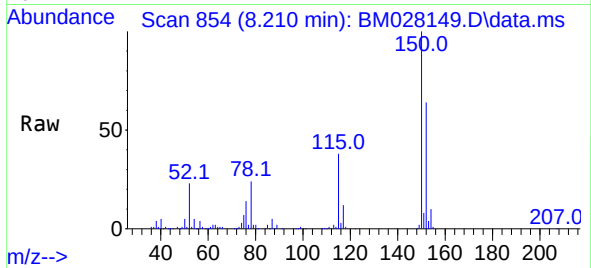




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.210 min Scan# 854
Delta R.T. -0.006 min
Lab File: BM028149.D
Acq: 17 Dec 2020 19:57

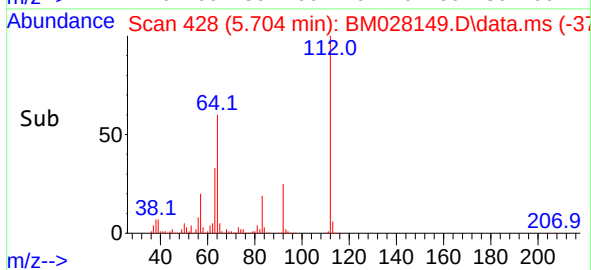
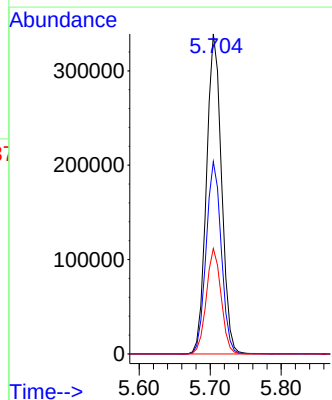
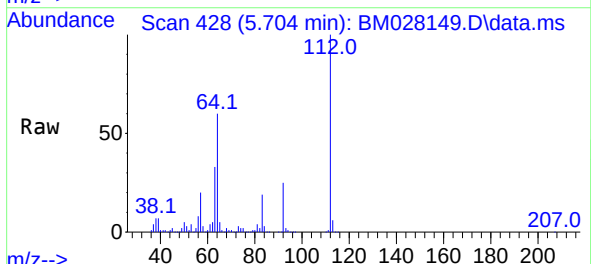
Instrument :
BNA_M
ClientSampleId :
CS1

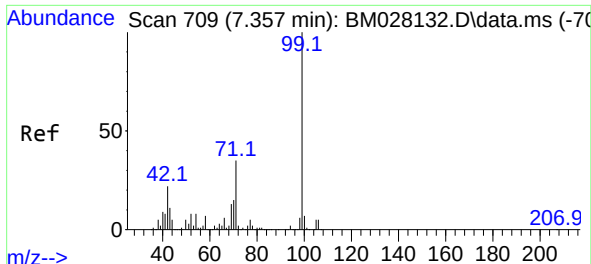
Tgt Ion:152 Resp: 134228
Ion Ratio Lower Upper
152 100
150 155.3 120.6 181.0
115 58.7 47.2 70.8



#5
2-Fluorophenol
Concen: 61.46 ng
RT: 5.704 min Scan# 428
Delta R.T. -0.007 min
Lab File: BM028149.D
Acq: 17 Dec 2020 19:57

Tgt Ion:112 Resp: 500657
Ion Ratio Lower Upper
112 100
64 60.1 50.6 76.0
63 32.9 31.0 46.6

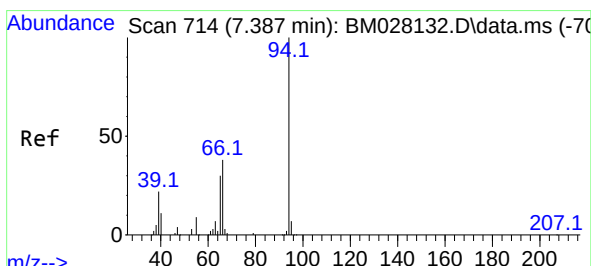
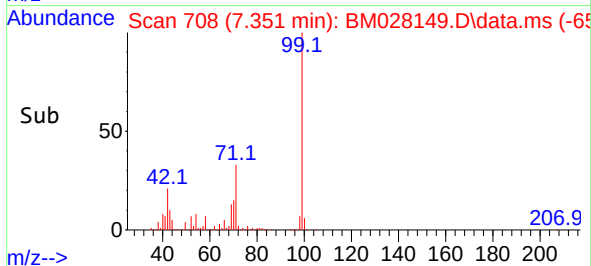
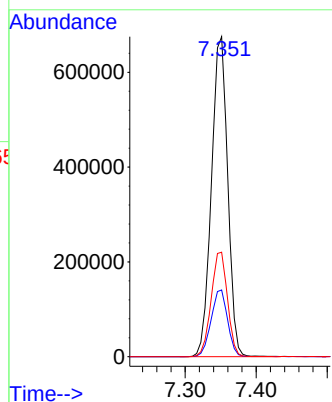
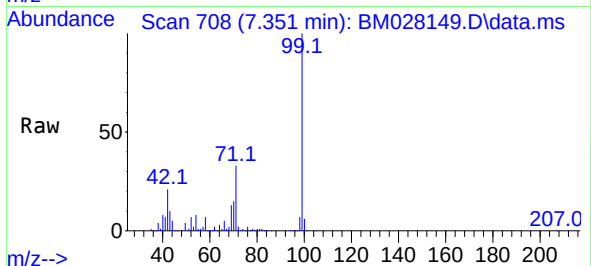




#7
Phenol-d6
Concen: 92.12 ng
RT: 7.351 min Scan# 708
Delta R.T. -0.006 min
Lab File: BM028149.D
Acq: 17 Dec 2020 19:57

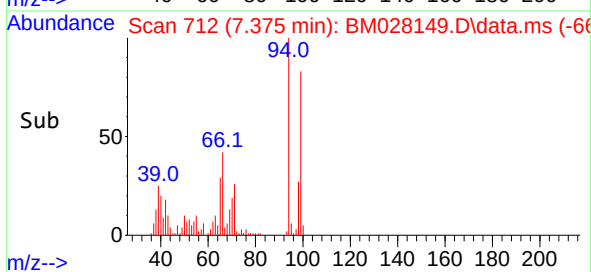
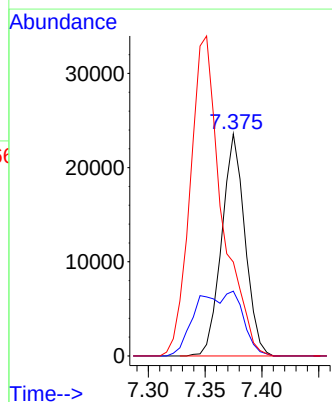
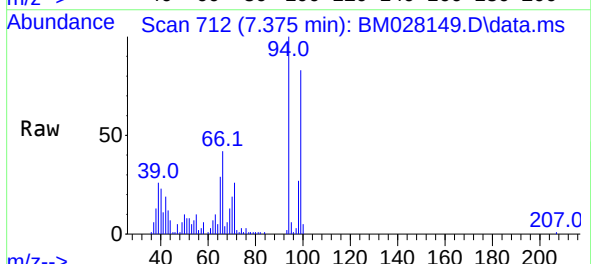
Instrument :
BNA_M
ClientSampled :
CS1

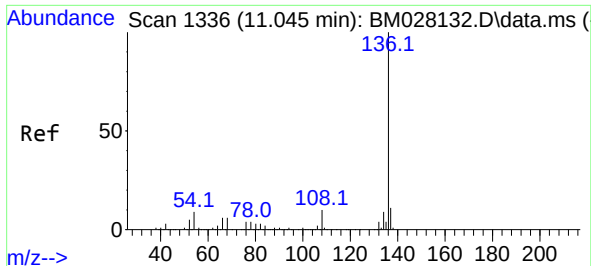
Tgt Ion: 99 Resp: 1071485
Ion Ratio Lower Upper
99 100
42 20.8 13.5 20.3#
71 32.6 39.4 59.0#



#10
Phenol
Concen: 3.03 ng
RT: 7.375 min Scan# 712
Delta R.T. -0.012 min
Lab File: BM028149.D
Acq: 17 Dec 2020 19:57

Tgt Ion: 94 Resp: 33488
Ion Ratio Lower Upper
94 100
65 29.2 16.4 56.4
66 42.3 30.2 70.2

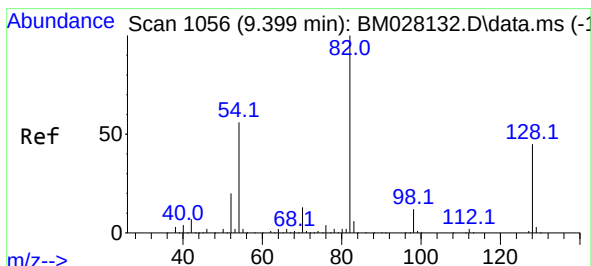
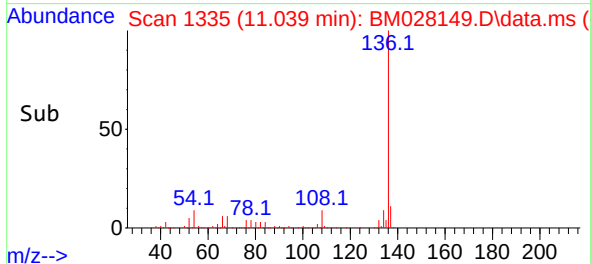
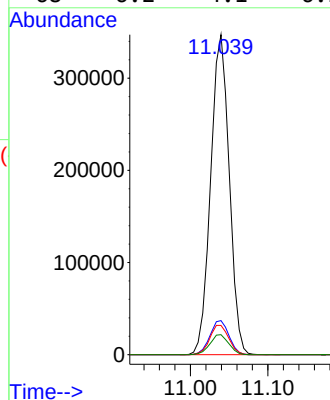
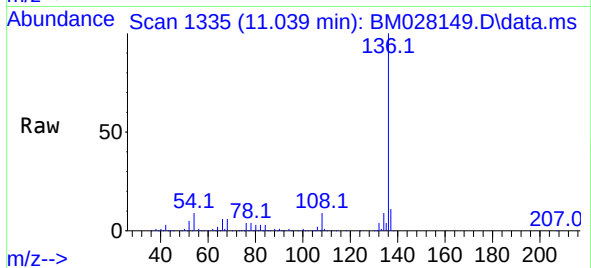




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.039 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BM028149.D
Acq: 17 Dec 2020 19:57

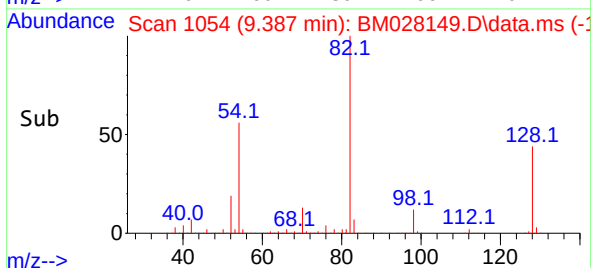
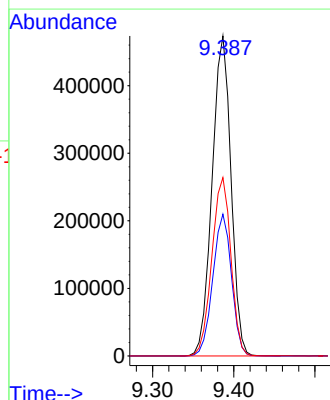
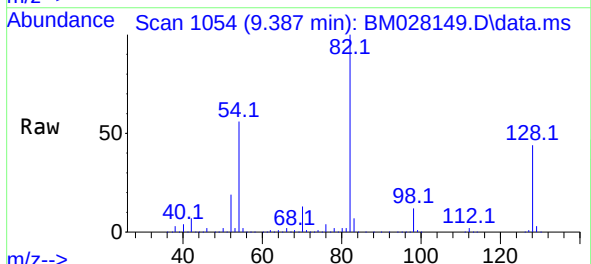
Instrument :
BNA_M
ClientSampled :
CS1

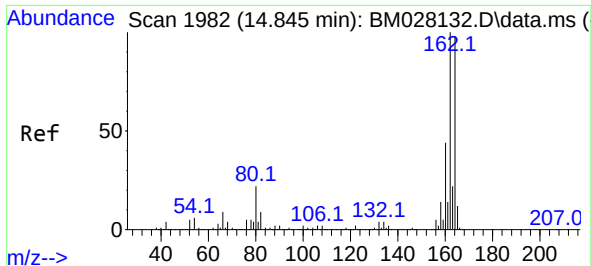
Tgt Ion:136	Resp:	577828
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.6 12.8
54	9.1	4.6 7.0#
68	6.2	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 65.74 ng
RT: 9.387 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BM028149.D
Acq: 17 Dec 2020 19:57

Tgt Ion: 82	Resp:	765510
Ion	Ratio	Lower Upper
82	100	
128	44.3	27.4 41.0#
54	55.8	31.4 47.0#

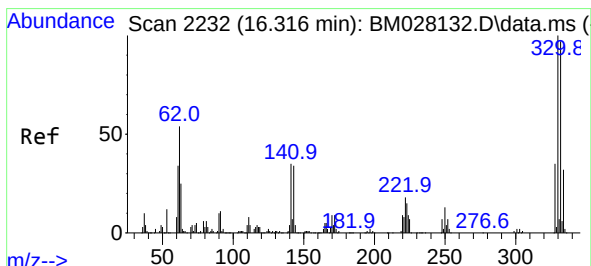
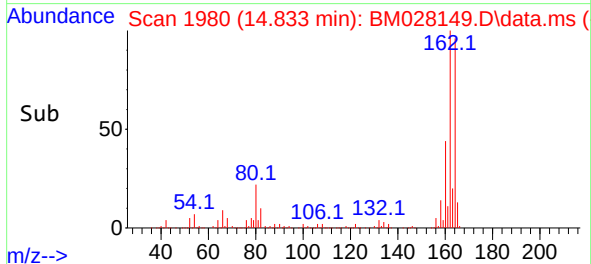
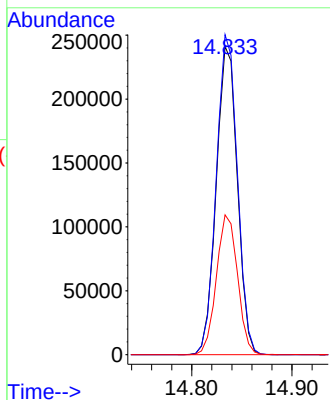
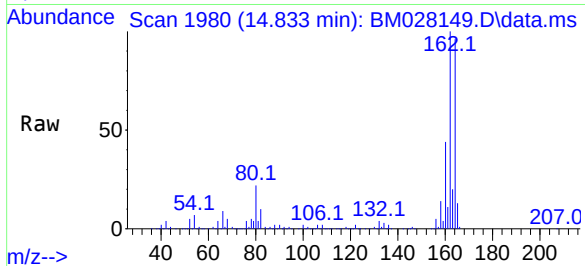




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.833 min Scan# 1980
Delta R.T. -0.012 min
Lab File: BM028149.D
Acq: 17 Dec 2020 19:57

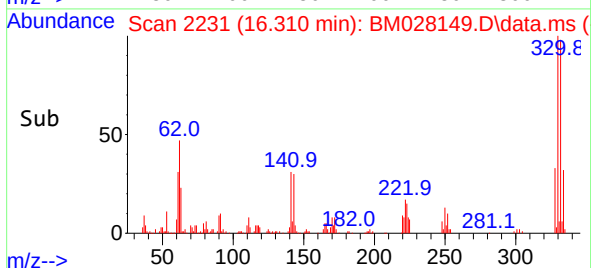
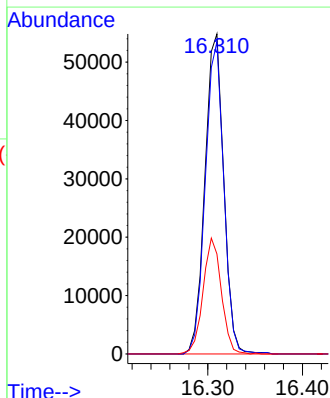
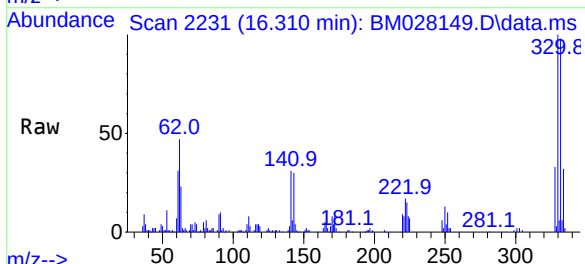
Instrument :
BNA_M
ClientSampleId :
CS1

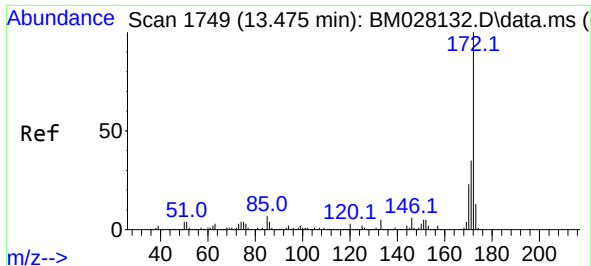
Tgt Ion:164 Resp: 353395
Ion Ratio Lower Upper
164 100
162 103.8 80.4 120.6
160 45.3 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 16.06 ng
RT: 16.310 min Scan# 2231
Delta R.T. -0.006 min
Lab File: BM028149.D
Acq: 17 Dec 2020 19:57

Tgt Ion:330 Resp: 75362
Ion Ratio Lower Upper
330 100
332 95.8 77.8 116.8
141 35.3 28.4 42.6



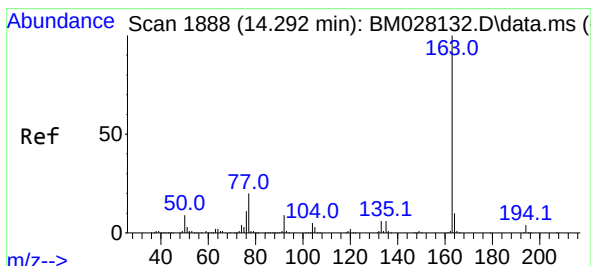
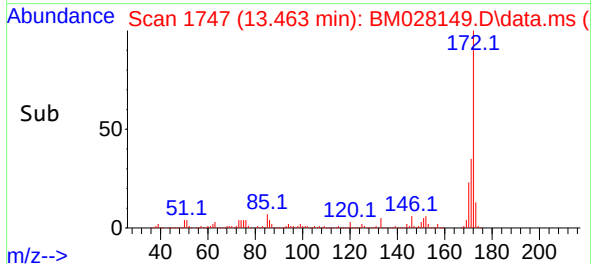
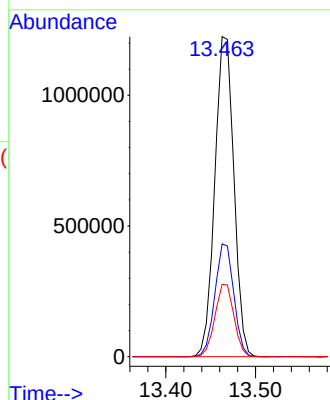
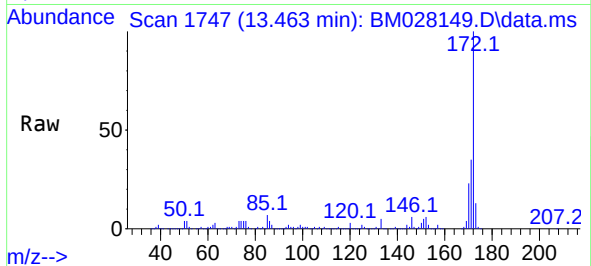


#45
2-Fluorobiphenyl
Concen: 66.59 ng
RT: 13.463 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BM028149.D
Acq: 17 Dec 2020 19:57

Instrument :
BNA_M
ClientSampled :
CS1

Tgt Ion:172 Resp: 1810023

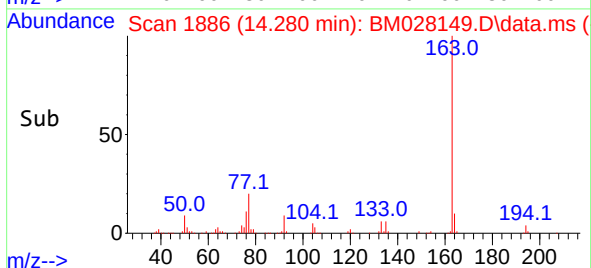
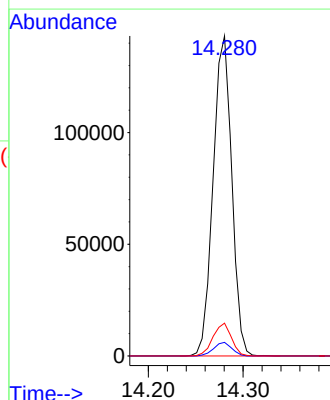
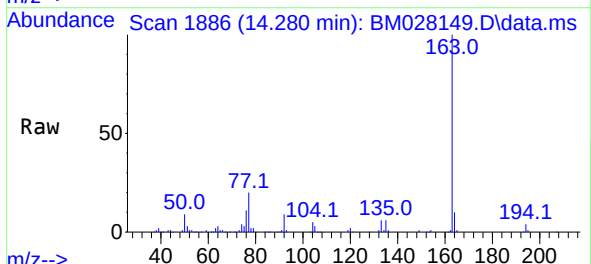
Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.8	41.8
170	22.6	18.6	27.8

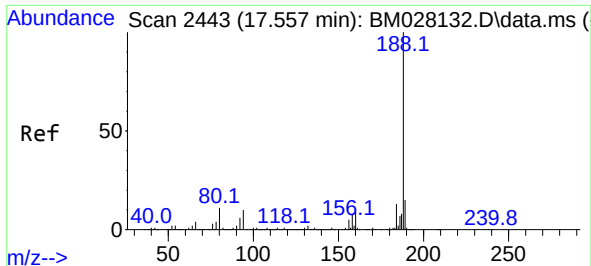


#50
Dimethylphthalate
Concen: 6.66 ng
RT: 14.280 min Scan# 1886
Delta R.T. -0.012 min
Lab File: BM028149.D
Acq: 17 Dec 2020 19:57

Tgt Ion:163 Resp: 195406

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.3	8.1	12.1

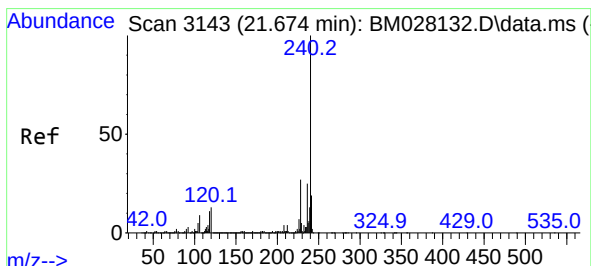
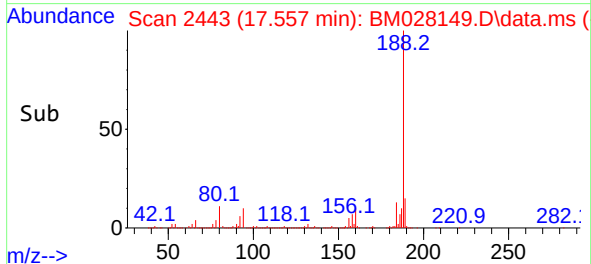
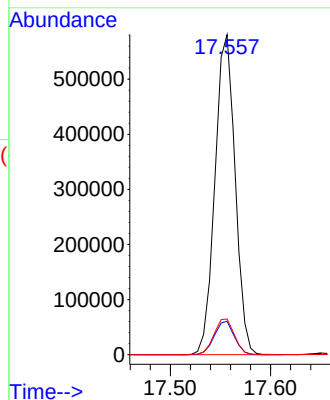
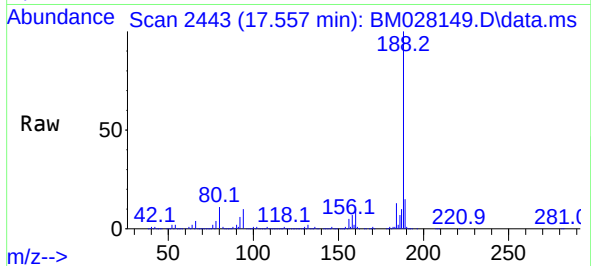




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.557 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BM028149.D
Acq: 17 Dec 2020 19:57

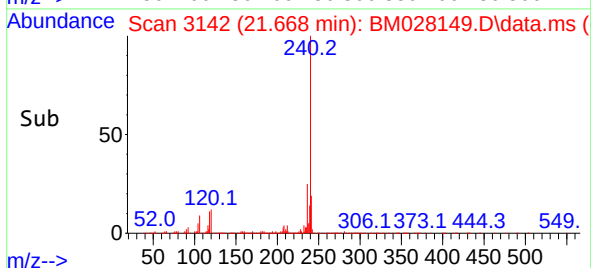
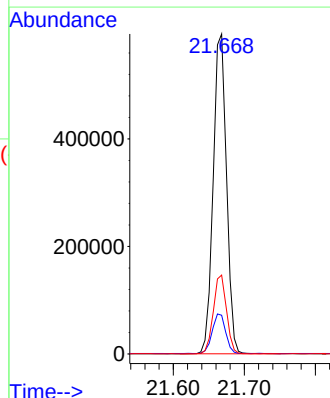
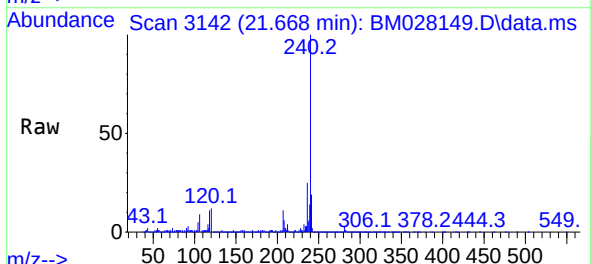
Instrument :
BNA_M
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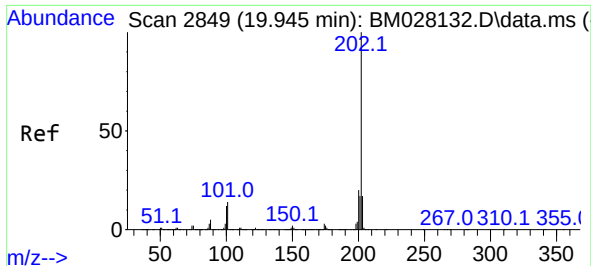
Tgt Ion:188 Resp: 811933
Ion Ratio Lower Upper
188 100
94 10.4 6.2 9.4#
80 11.2 7.5 11.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.668 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BM028149.D
Acq: 17 Dec 2020 19:57

Tgt Ion:240 Resp: 774894
Ion Ratio Lower Upper
240 100
120 12.1 6.4 9.6#
236 24.7 20.1 30.1

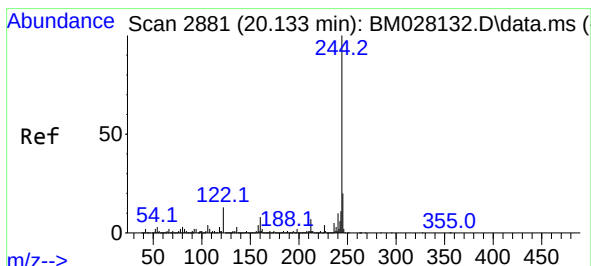
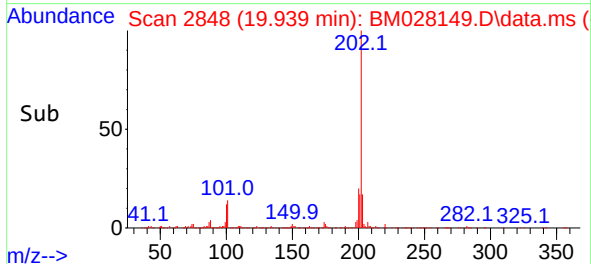
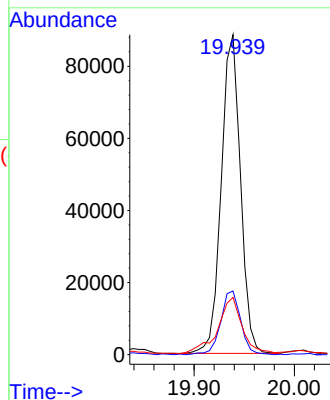
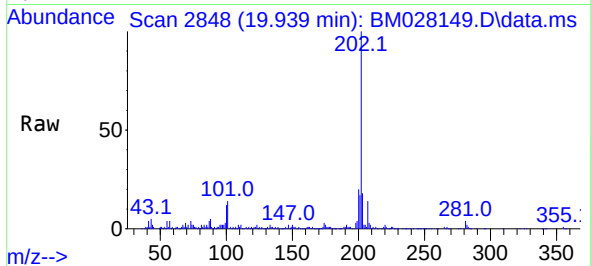




#78
Pyrene
Concen: 2.09 ng
RT: 19.939 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BM028149.D
Acq: 17 Dec 2020 19:57

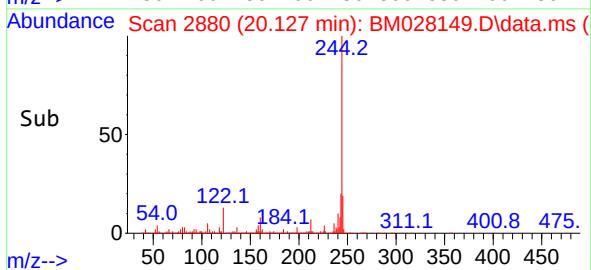
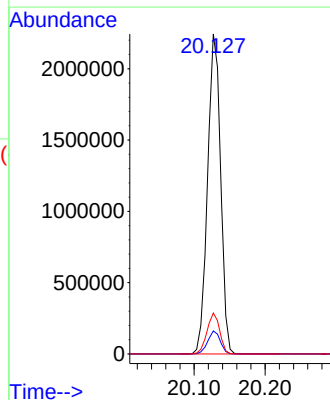
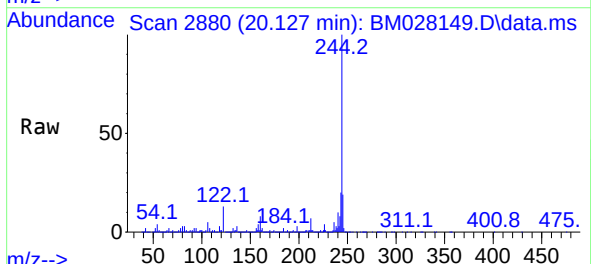
Instrument :
BNA_M
ClientSampled :
CS1

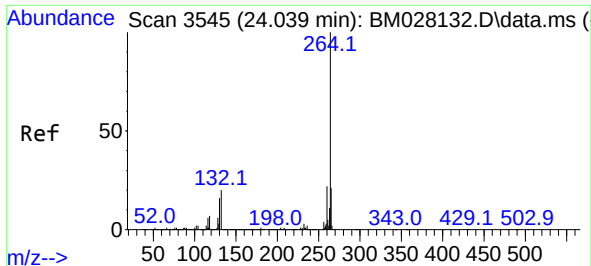
Tgt Ion:202 Resp: 117502
Ion Ratio Lower Upper
202 100
200 19.9 16.6 24.8
203 17.9 13.8 20.6



#79
Terphenyl-d14
Concen: 67.15 ng
RT: 20.127 min Scan# 2880
Delta R.T. -0.006 min
Lab File: BM028149.D
Acq: 17 Dec 2020 19:57

Tgt Ion:244 Resp: 2867526
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 12.8 6.5 9.7#

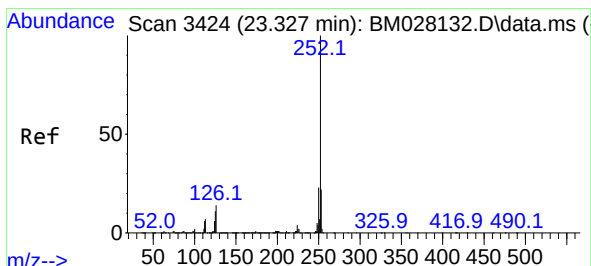
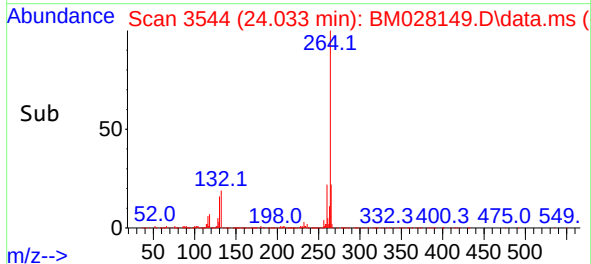
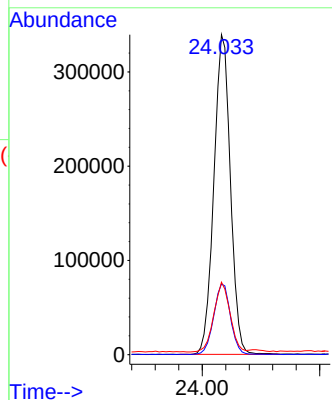
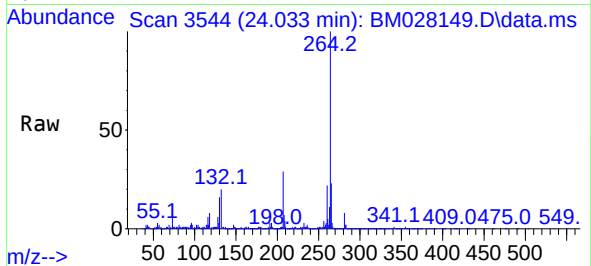




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.033 min Scan# 3544
Delta R.T. -0.006 min
Lab File: BM028149.D
Acq: 17 Dec 2020 19:57

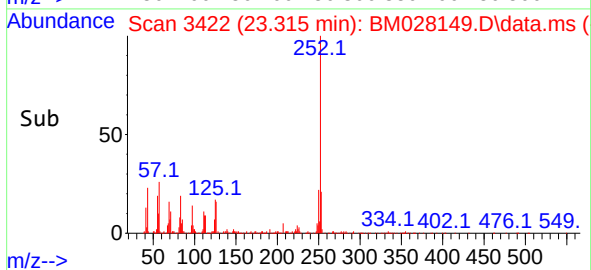
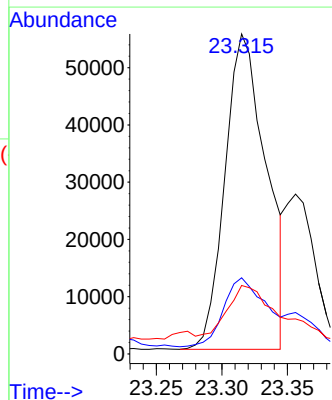
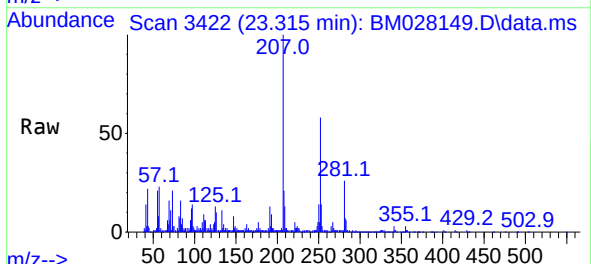
Instrument :
BNA_M
ClientSampled :
CS1

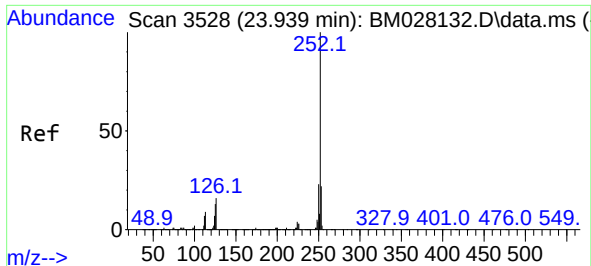
Tgt Ion:264 Resp: 661474
Ion Ratio Lower Upper
264 100
260 22.1 19.0 28.4
265 22.6 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 2.67 ng
RT: 23.315 min Scan# 3422
Delta R.T. -0.012 min
Lab File: BM028149.D
Acq: 17 Dec 2020 19:57

Tgt Ion:252 Resp: 120486
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.0
125 21.4 5.7 8.5#

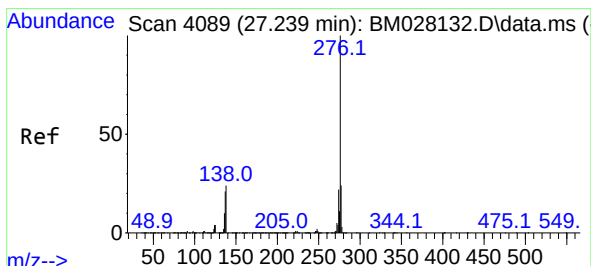
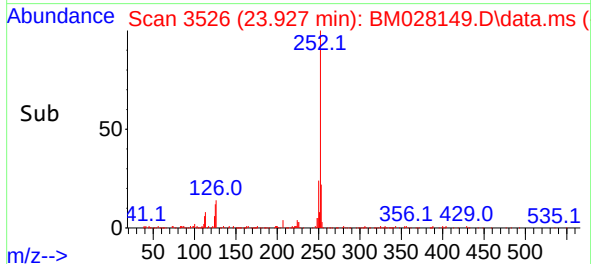
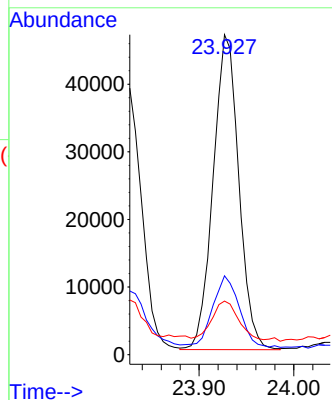
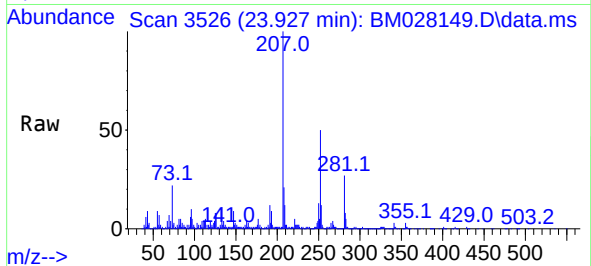




#90
Benzo(a)pyrene
Concen: 2.17 ng
RT: 23.927 min Scan# 3526
Delta R.T. -0.012 min
Lab File: BM028149.D
Acq: 17 Dec 2020 19:57

Instrument :
BNA_M
ClientSampled :
CS1

Tgt Ion:252 Resp: 87681
Ion Ratio Lower Upper
252 100
253 24.7 17.4 26.2
125 16.7 6.6 9.8#



#92
Benzo(g,h,i)perylene
Concen: 2.04 ng
RT: 27.209 min Scan# 4084
Delta R.T. -0.030 min
Lab File: BM028149.D
Acq: 17 Dec 2020 19:57

Tgt Ion:276 Resp: 71590
Ion Ratio Lower Upper
276 100
277 26.2 18.6 28.0
138 27.6 12.2 18.2#

