

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
 Data File : BM028592.D
 Acq On : 28 Jan 2021 17:57
 Operator : CG/JU
 Sample : M1255-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CRT-13

Quant Time: Jan 28 23:36:29 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 27 13:20:04 2021
 Response via : Initial Calibration

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

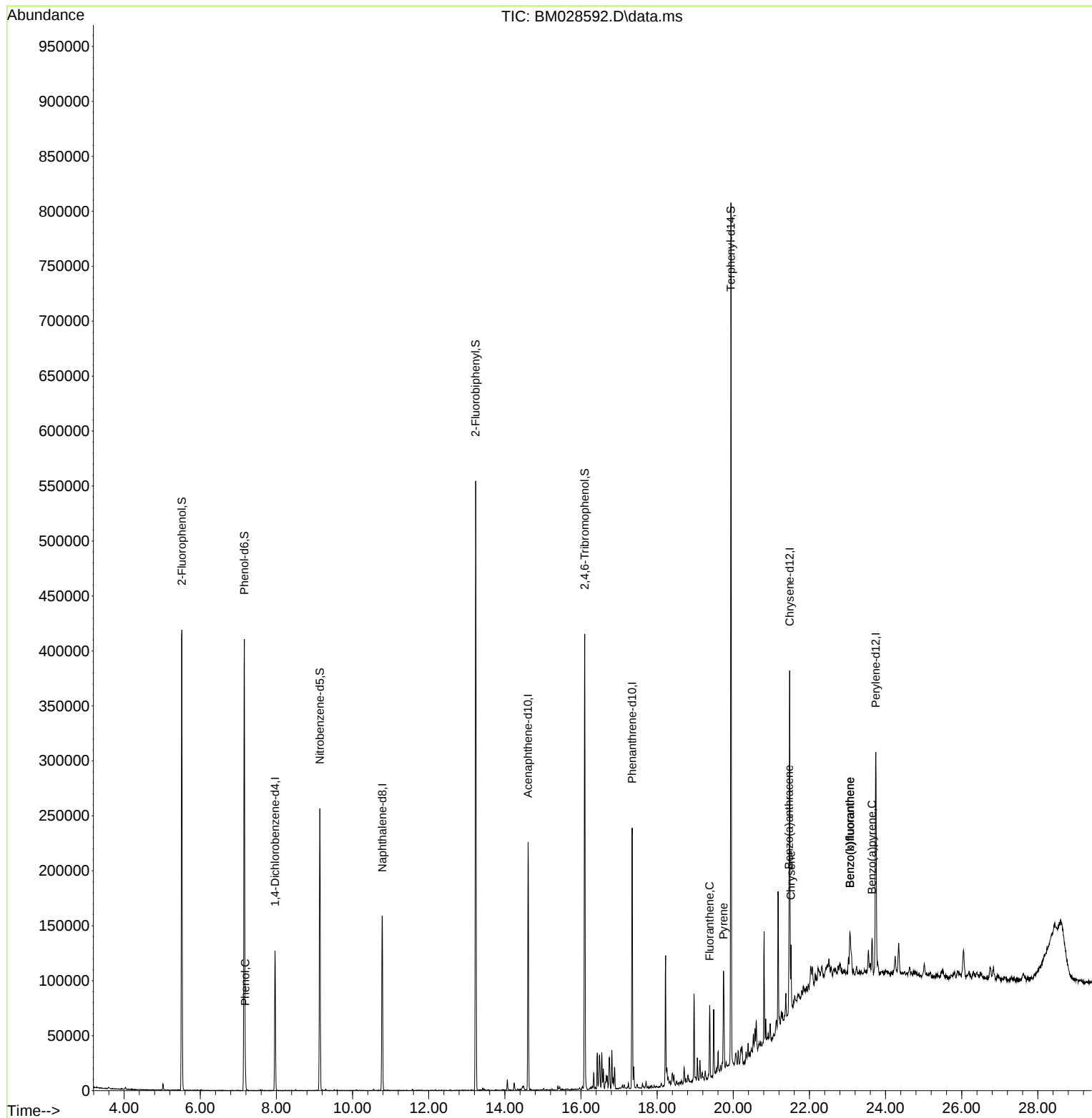
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	34299	20.00	ng	0.00
21) Naphthalene-d8	10.780	136	135345	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	72087	20.00	ng	-0.01
64) Phenanthrene-d10	17.345	188	136492	20.00	ng	0.00
76) Chrysene-d12	21.480	240	128544	20.00	ng	# 0.00
86) Perylene-d12	23.744	264	131898	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	174567	80.40	ng	-0.02
7) Phenol-d6	7.157	99	221307	74.86	ng	-0.03
23) Nitrobenzene-d5	9.139	82	136379	47.79	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	71895	75.27	ng	-0.01
45) 2-Fluorobiphenyl	13.233	172	279870	48.71	ng	0.00
79) Terphenyl-d14	19.939	244	307026	43.13	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.181	94	8036	2.88	ng	93
75) Fluoranthene	19.380	202	28928	3.07	ng	96
78) Pyrene	19.739	202	42874	4.65	ng	99
81) Benzo(a)anthracene	21.462	228	26262	2.96	ng	98
83) Chrysene	21.515	228	27155	3.17	ng	98
88) Benzo(b)fluoranthene	23.062	252	33472	3.74	ng	# 86
89) Benzo(k)fluoranthene	23.062	252	33472	3.83	ng	# 86
90) Benzo(a)pyrene	23.644	252	22623	2.73	ng	# 89

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

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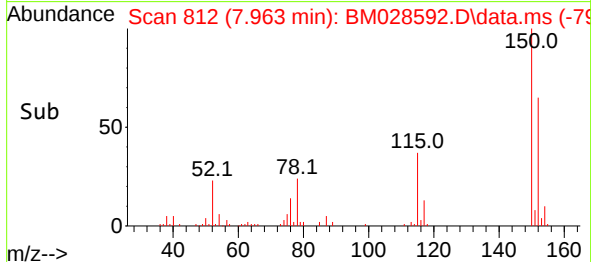
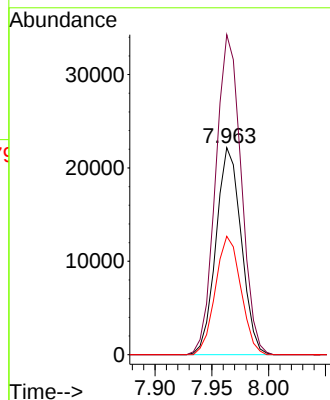
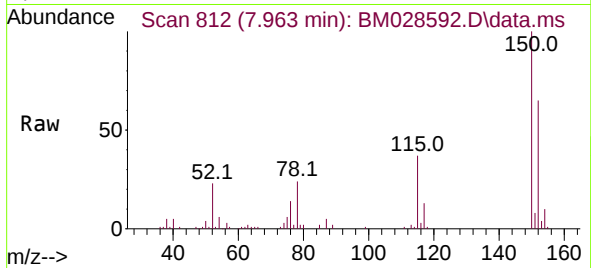




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.963 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

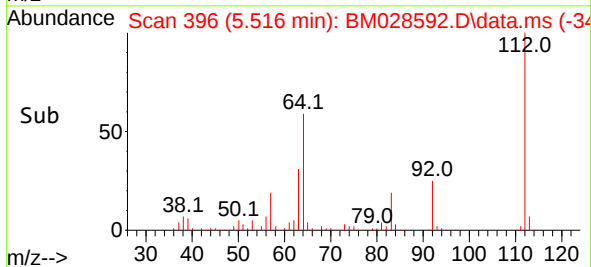
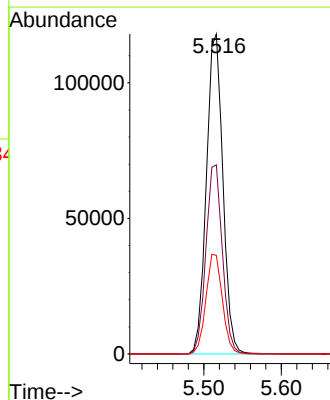
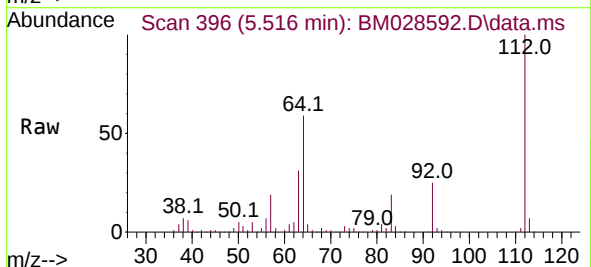
Instrument :
BNA_M
ClientSampleId :
CRT-13

Tgt Ion:152 Resp: 34299
Ion Ratio Lower Upper
152 100
150 154.6 120.6 181.0
115 57.2 47.2 70.8



#5
2-Fluorophenol
Concen: 80.40 ng
RT: 5.516 min Scan# 396
Delta R.T. -0.018 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

Tgt Ion:112 Resp: 174567
Ion Ratio Lower Upper
112 100
64 59.1 50.6 76.0
63 30.8 31.0 46.6#

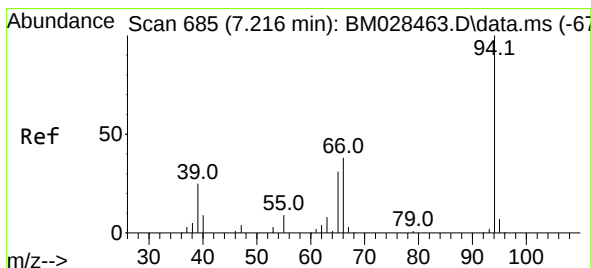
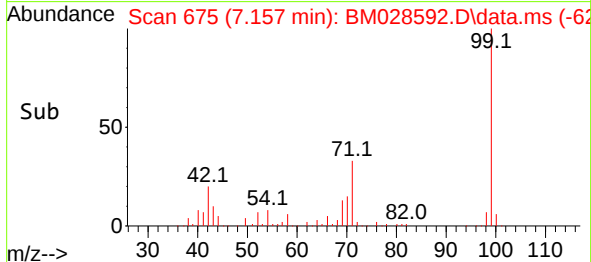
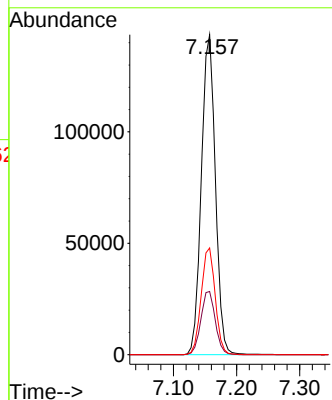
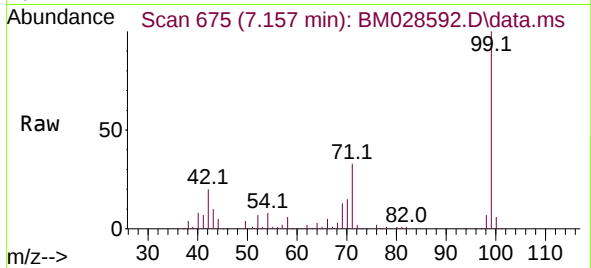




#7
Phenol-d6
Concen: 74.86 ng
RT: 7.157 min Scan# 675
Delta R.T. -0.029 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

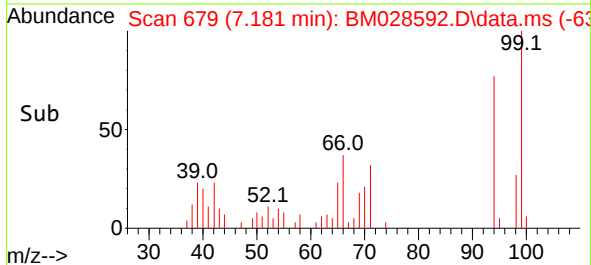
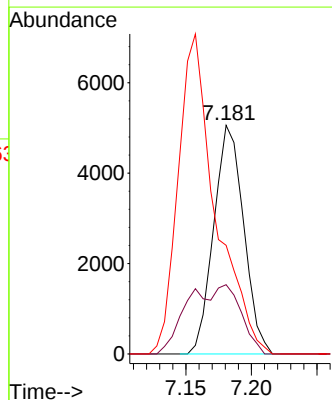
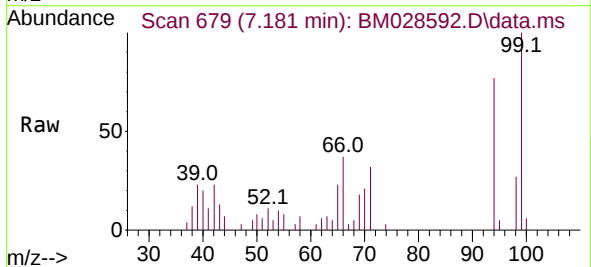
Instrument :
BNA_M
ClientSampled :
CRT-13

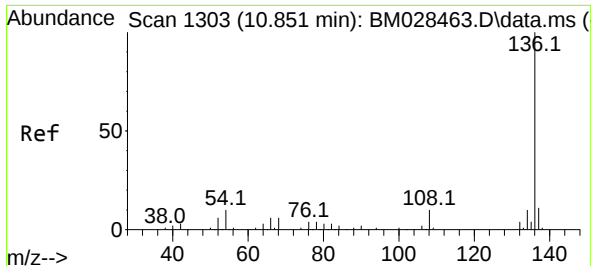
Tgt Ion: 99 Resp: 221307
Ion Ratio Lower Upper
99 100
42 19.7 13.5 20.3
71 33.3 39.4 59.0#



#10
Phenol
Concen: 2.88 ng
RT: 7.181 min Scan# 679
Delta R.T. -0.029 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

Tgt Ion: 94 Resp: 8036
Ion Ratio Lower Upper
94 100
65 30.3 16.4 56.4
66 47.5 30.2 70.2

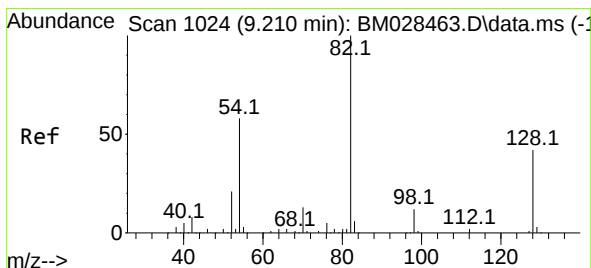
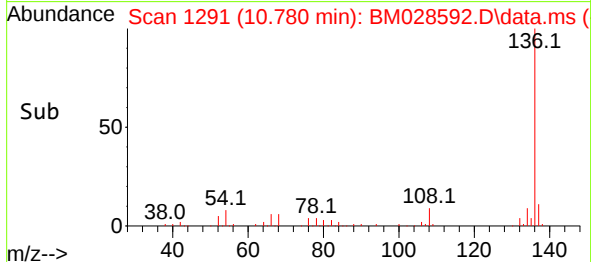
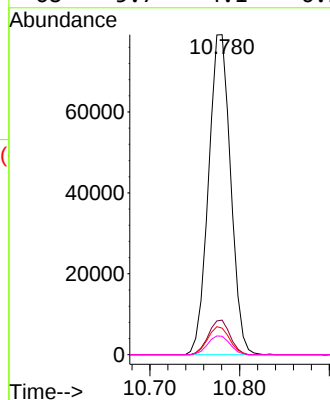
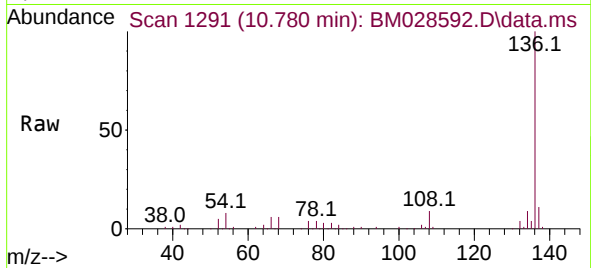




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.780 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

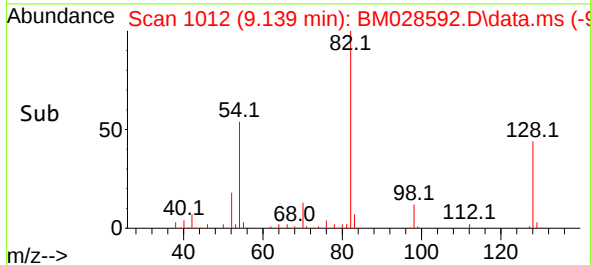
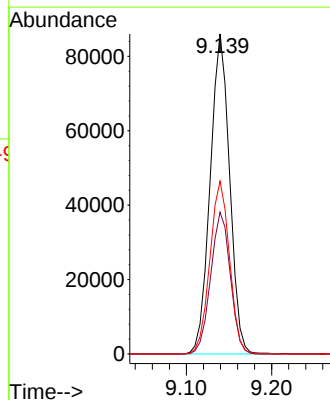
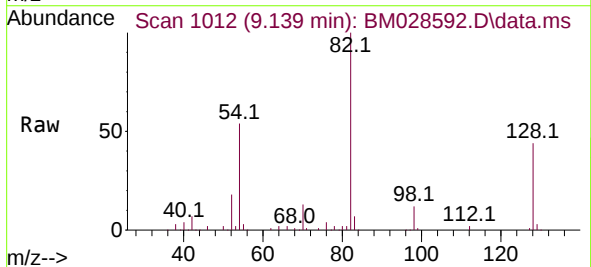
Instrument :
BNA_M
ClientSampled :
CRT-13

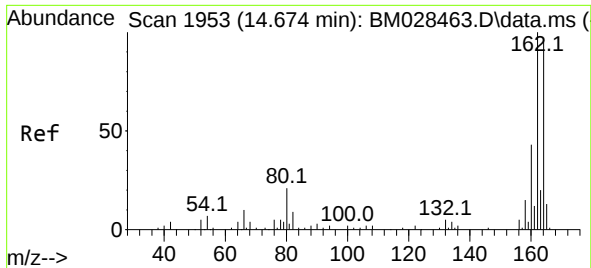
Tgt Ion:	136	Resp:	135345
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	12.8
54	8.3	4.6	7.0#
68	5.7	4.1	6.1



#23
Nitrobenzene-d5
Concen: 47.79 ng
RT: 9.139 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

Tgt Ion:	82	Resp:	136379
Ion Ratio	Lower	Upper	
82	100		
128	44.3	27.4	41.0#
54	54.0	31.4	47.0#

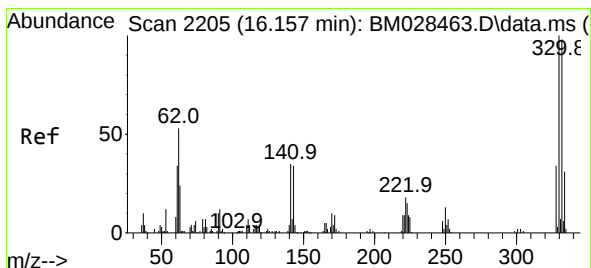
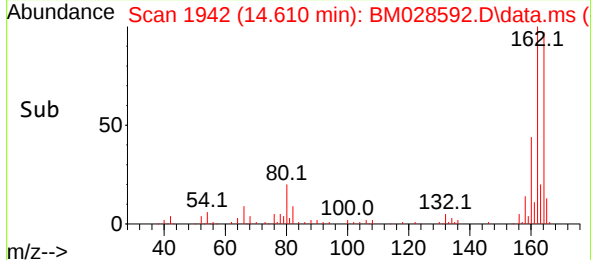
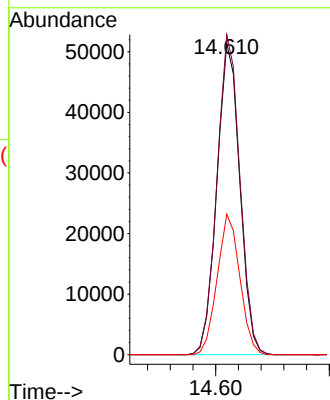
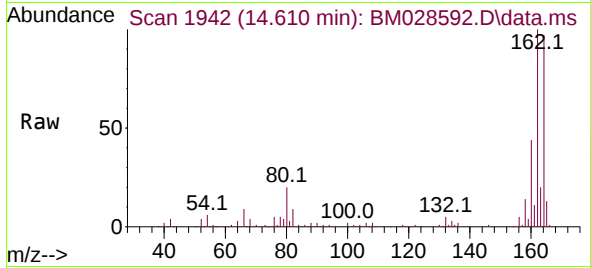




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

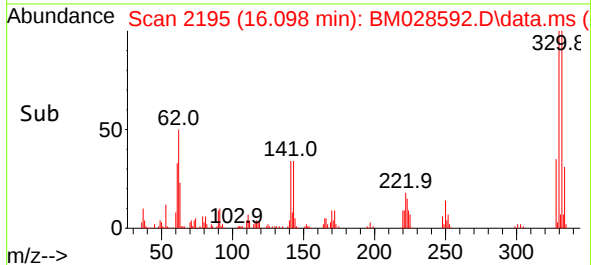
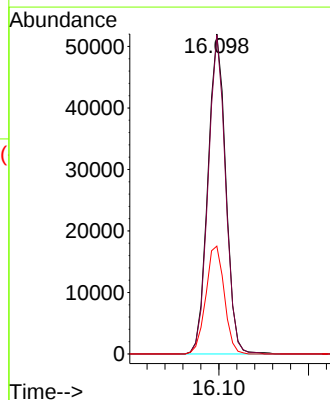
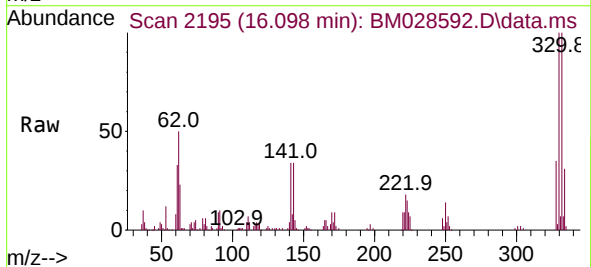
Instrument :
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ClientSampleId :
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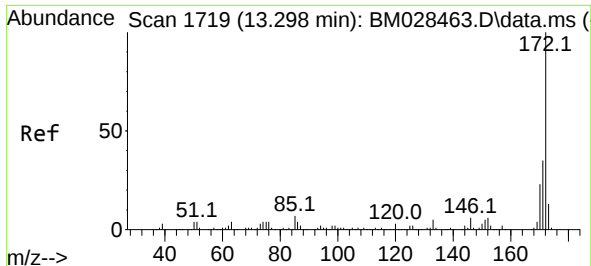
Tgt Ion:164	Resp:	72087
Ion Ratio	Lower	Upper
164	100	
162	102.7	80.4 120.6
160	45.1	35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 75.27 ng
RT: 16.098 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

Tgt Ion:330	Resp:	71895
Ion Ratio	Lower	Upper
330	100	
332	96.9	77.8 116.8
141	34.8	28.4 42.6

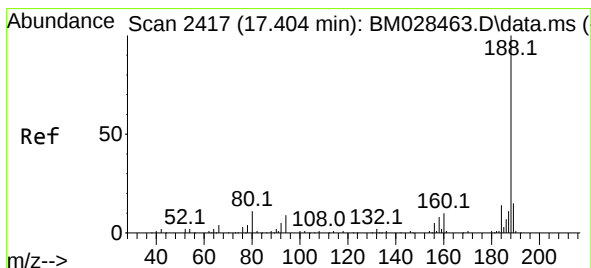
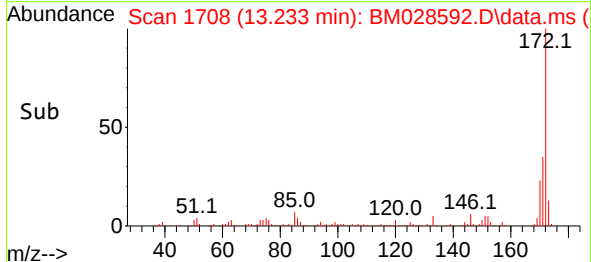
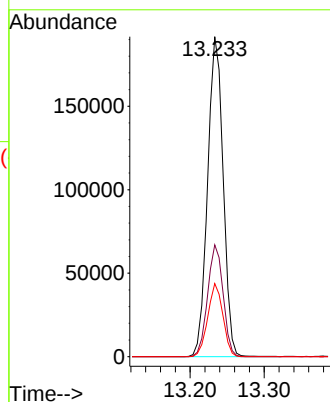
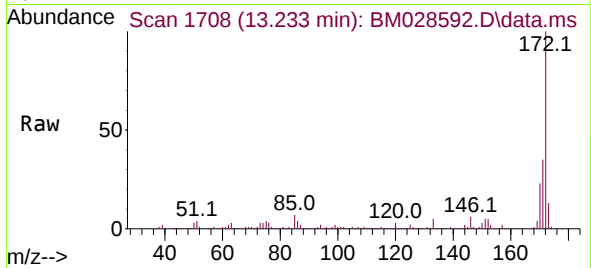




#45
2-Fluorobiphenyl
Concen: 48.71 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

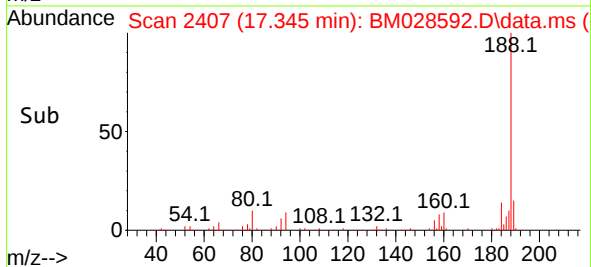
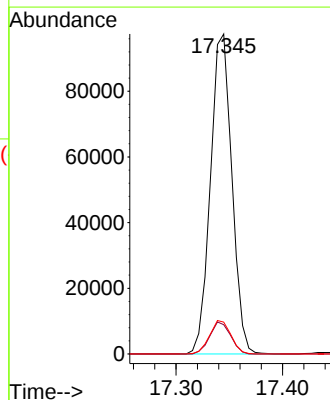
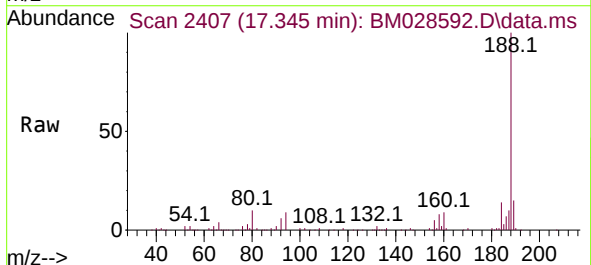
Instrument :
BNA_M
ClientSampleId :
CRT-13

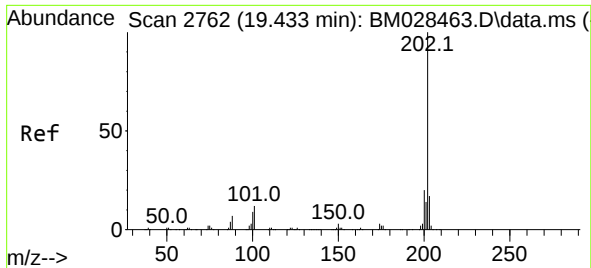
Tgt Ion:172	Resp:	279870	
Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.8
170	22.8	18.6	27.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

Tgt Ion:188	Resp:	136492	
Ion	Ratio	Lower	Upper
188	100		
94	9.2	6.2	9.4
80	10.0	7.5	11.3

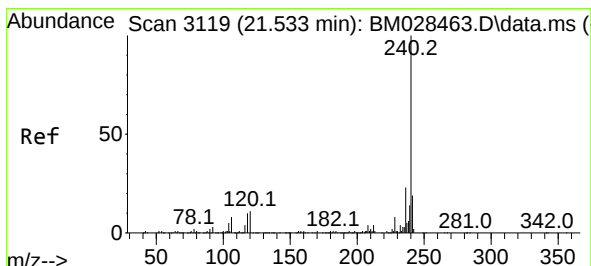
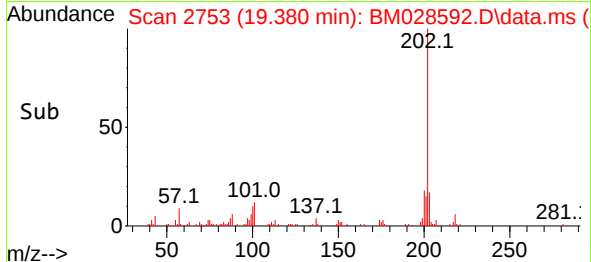
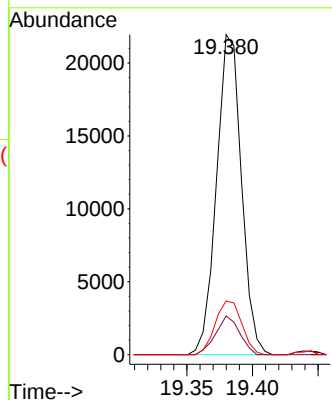
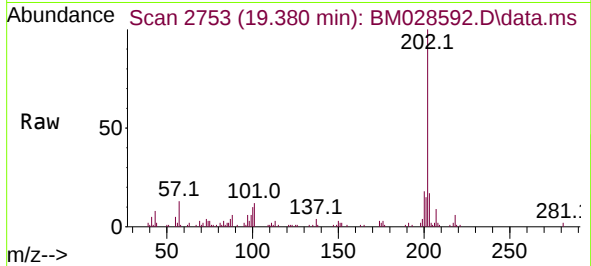




#75
Fluoranthene
Concen: 3.07 ng
RT: 19.380 min Scan# 2753
Delta R.T. -0.012 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

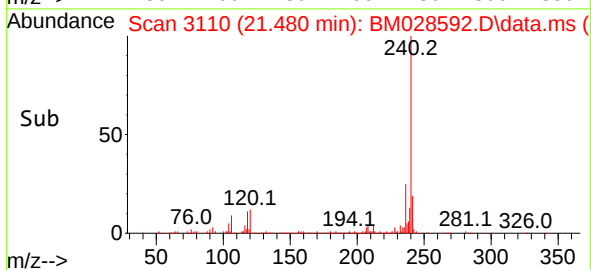
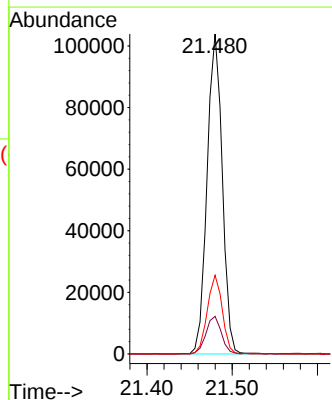
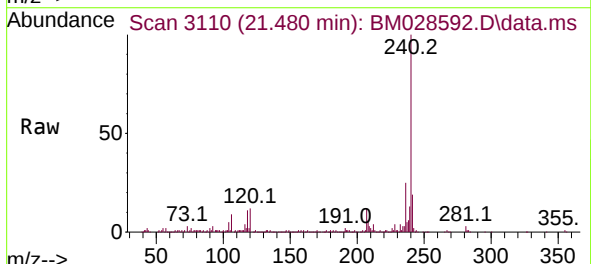
Instrument :
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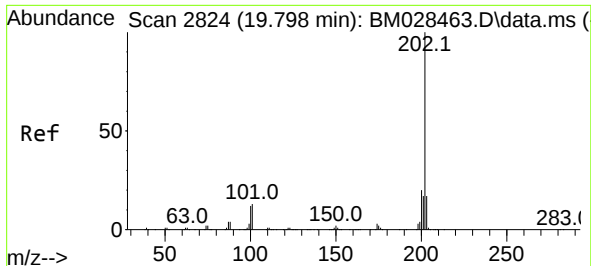
Tgt Ion:	202	Resp:	28928
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	28.5
203	16.8	0.0	37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.480 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

Tgt Ion:	240	Resp:	128544
Ion Ratio	Lower	Upper	
240	100		
120	11.7	6.4	9.6#
236	24.6	20.1	30.1

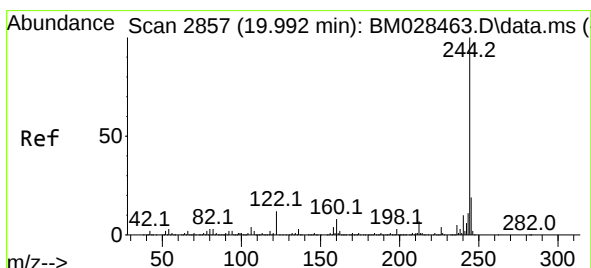
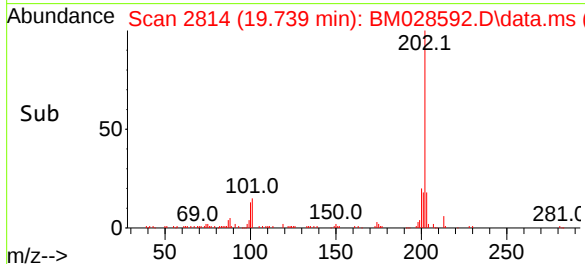
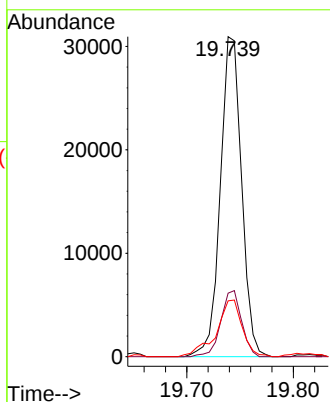
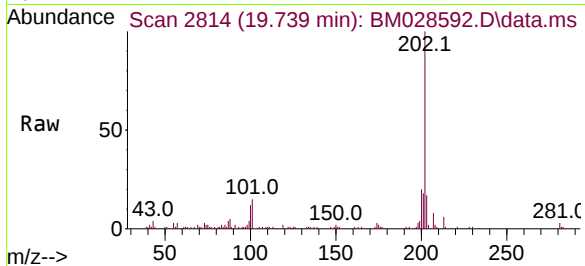




#78
Pyrene
Concen: 4.65 ng
RT: 19.739 min Scan# 2814
Delta R.T. -0.012 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

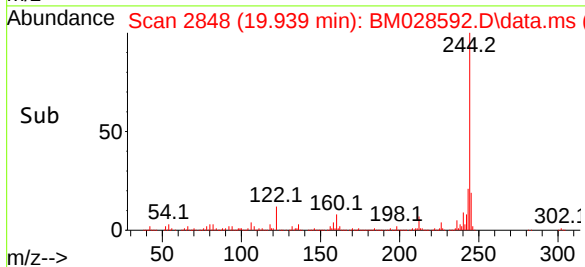
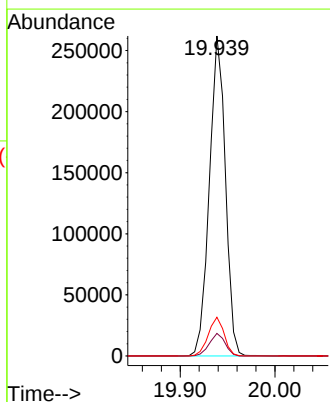
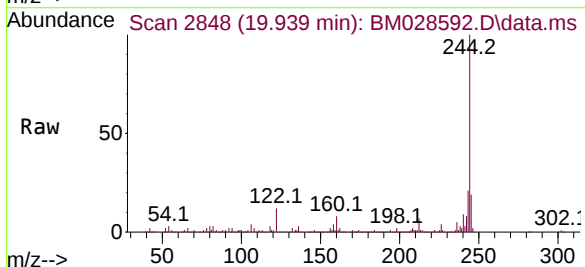
Instrument :
BNA_M
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CRT-13

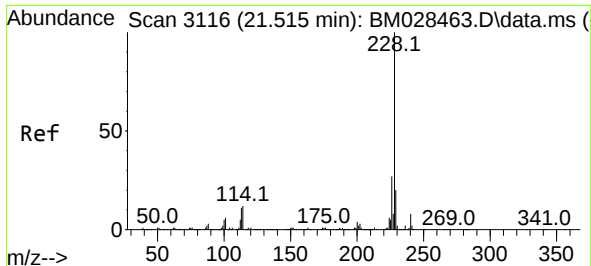
Tgt Ion:	202	Resp:	42874
Ion Ratio	Lower	Upper	
202	100		
200	19.8	16.6	24.8
203	17.5	13.8	20.6



#79
Terphenyl-d14
Concen: 43.13 ng
RT: 19.939 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

Tgt Ion:	244	Resp:	307026
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.8	8.8
122	12.1	6.5	9.7#

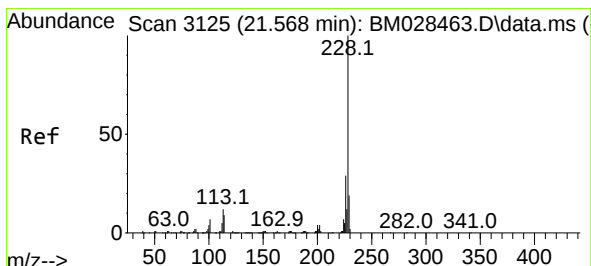
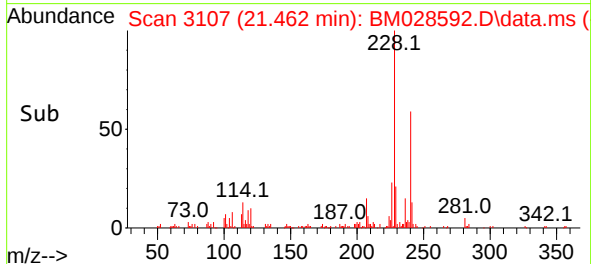
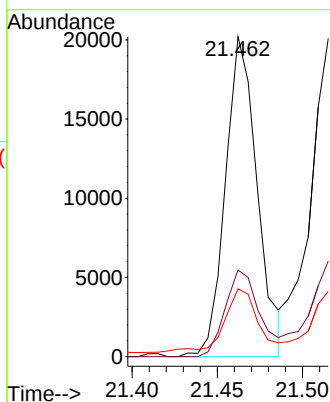
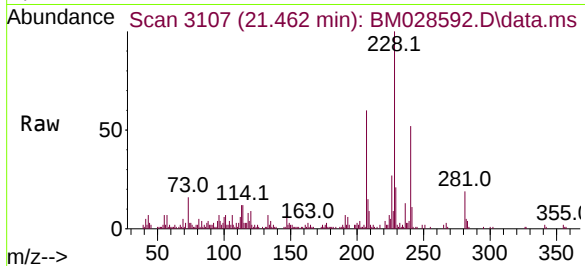




#81
Benzo(a)anthracene
Concen: 2.96 ng
RT: 21.462 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

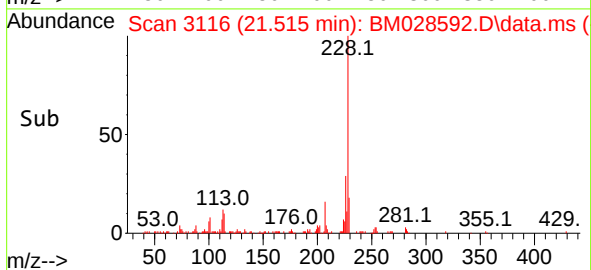
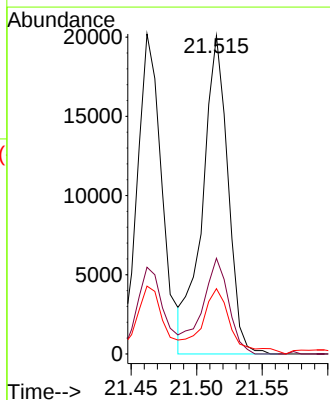
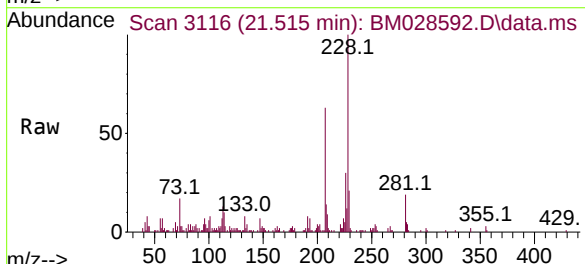
Instrument :
BNA_M
ClientSampled :
CRT-13

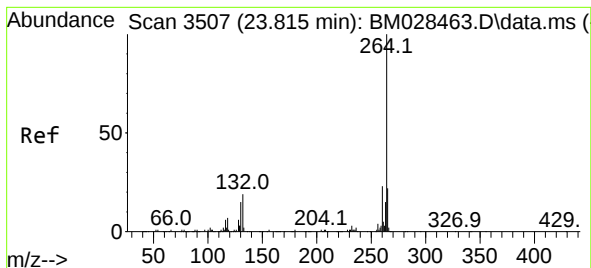
Tgt Ion:228 Resp: 26262
Ion Ratio Lower Upper
228 100
226 27.1 21.1 31.7
229 21.2 15.7 23.5



#83
Chrysene
Concen: 3.17 ng
RT: 21.515 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

Tgt Ion:228 Resp: 27155
Ion Ratio Lower Upper
228 100
226 30.0 23.4 35.0
229 20.5 15.7 23.5

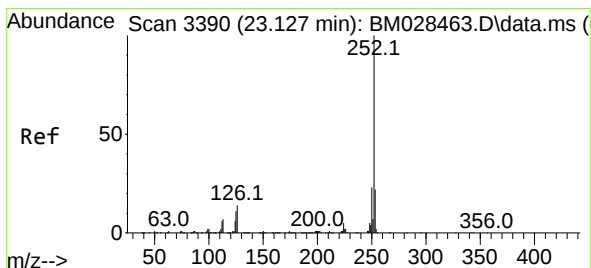
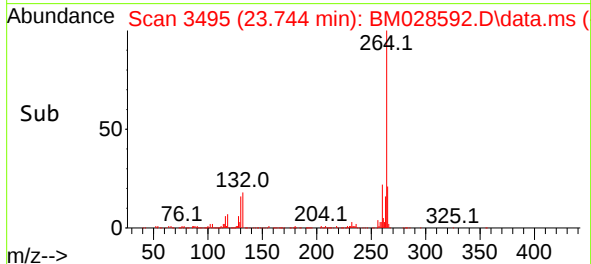
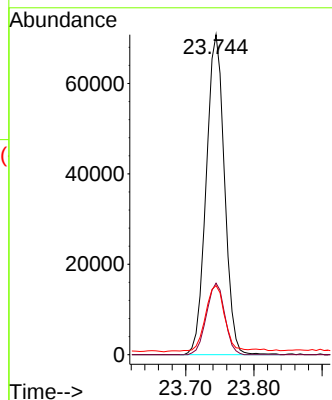
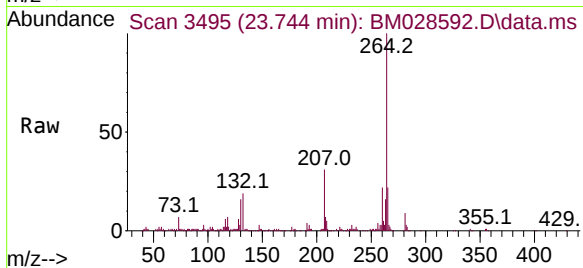




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.744 min Scan# 3495
 Delta R.T. -0.006 min
 Lab File: BM028592.D
 Acq: 28 Jan 2021 17:57

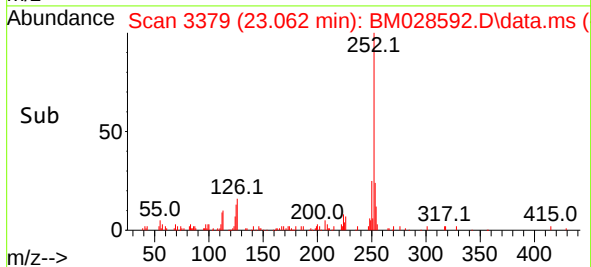
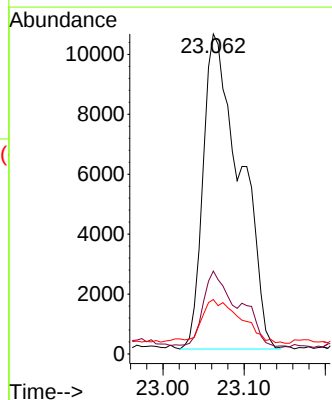
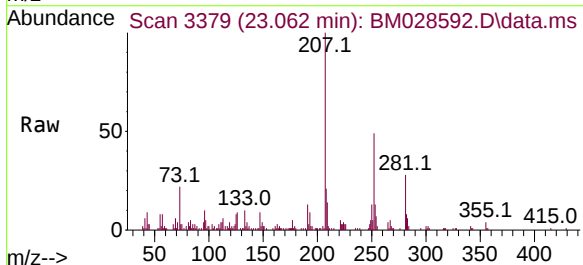
Instrument :
 BNA_M
 ClientSampleId :
 CRT-13

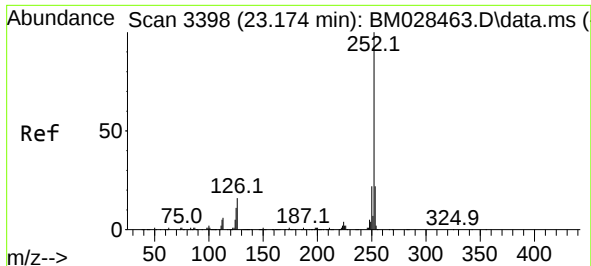
Tgt Ion:264	Resp:	131898
Ion Ratio	Lower	Upper
264	100	
260	22.3	19.0 28.4
265	21.6	17.7 26.5



#88
 Benzo(b)fluoranthene
 Concen: 3.74 ng
 RT: 23.062 min Scan# 3379
 Delta R.T. -0.012 min
 Lab File: BM028592.D
 Acq: 28 Jan 2021 17:57

Tgt Ion:252	Resp:	33472
Ion Ratio	Lower	Upper
252	100	
253	25.9	17.4 26.0
125	17.0	5.7 8.5#

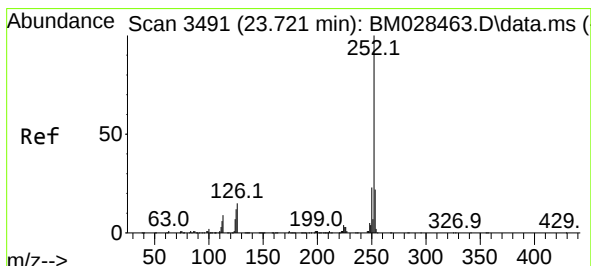
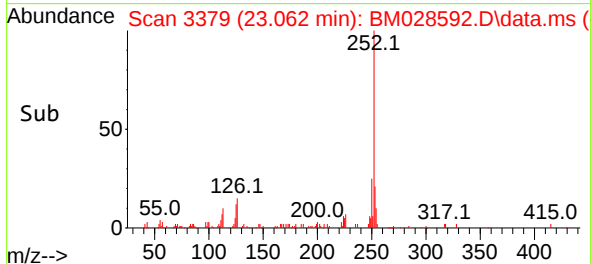
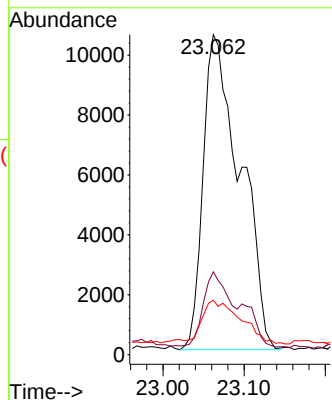
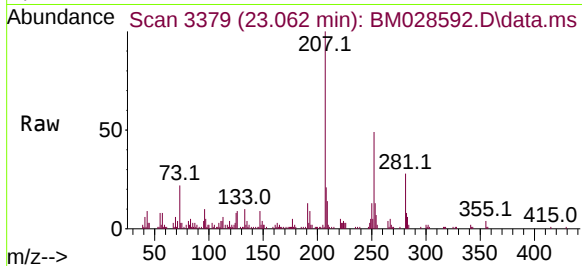




#89
Benzo(k)fluoranthene
Concen: 3.83 ng
RT: 23.062 min Scan# 3379
Delta R.T. -0.053 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

Instrument :
BNA_M
ClientSampled :
CRT-13

Tgt Ion:252 Resp: 33472
Ion Ratio Lower Upper
252 100
253 25.9 17.4 26.0
125 17.0 5.6 8.4#



#90
Benzo(a)pyrene
Concen: 2.73 ng
RT: 23.644 min Scan# 3478
Delta R.T. -0.012 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

Tgt Ion:252 Resp: 22623
Ion Ratio Lower Upper
252 100
253 24.8 17.4 26.2
125 16.5 6.6 9.8#

