

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
 Data File : BM028597.D
 Acq On : 28 Jan 2021 20:58
 Operator : CG/JU
 Sample : M1256-02 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SIDEWALK

Quant Time: Jan 28 23:37:42 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)

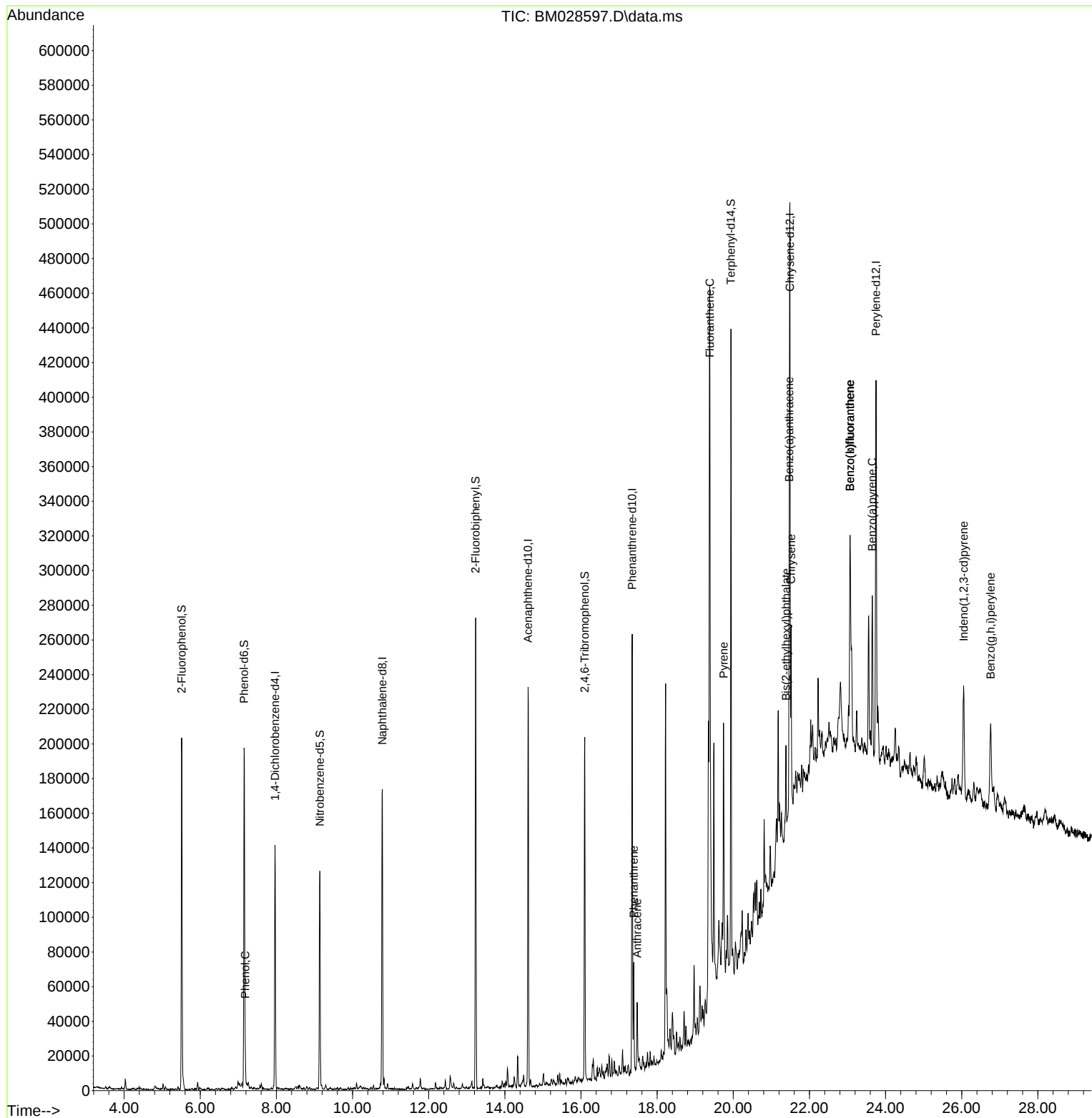
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	38112	20.00	ng	0.00
21) Naphthalene-d8	10.781	136	143703	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	76356	20.00	ng	-0.01
64) Phenanthrene-d10	17.345	188	144701	20.00	ng	# 0.00
76) Chrysene-d12	21.486	240	136170	20.00	ng	# 0.00
86) Perylene-d12	23.750	264	141074	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	85668	35.51	ng	-0.02
7) Phenol-d6	7.151	99	109303	33.27	ng	-0.04
23) Nitrobenzene-d5	9.140	82	67626	22.32	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	34705	34.30	ng	-0.01
45) 2-Fluorobiphenyl	13.233	172	134104	22.03	ng	0.00
79) Terphenyl-d14	19.939	244	141081	18.71	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.181	94	8256	2.67	ng	85
71) Phenanthrene	17.386	178	35204	3.96	ng	99
72) Anthracene	17.474	178	24352	2.83	ng	98
75) Fluoranthene	19.386	202	89063	8.91	ng	96
78) Pyrene	19.745	202	83799	8.58	ng	99
81) Benzo(a)anthracene	21.468	228	53218	5.66	ng	97
83) Chrysene	21.521	228	56851	6.26	ng	96
84) Bis(2-ethylhexyl)phtha...	21.386	149	14644	2.41	ng	96
87) Indeno(1,2,3-cd)pyrene	26.050	276	49796	4.74	ng	# 93
88) Benzo(b)fluoranthene	23.068	252	94692	9.89	ng	# 91
89) Benzo(k)fluoranthene	23.068	252	94692	10.13	ng	# 91
90) Benzo(a)pyrene	23.650	252	65005	7.32	ng	# 93
92) Benzo(g,h,i)perylene	26.762	276	54335	6.35	ng	# 89

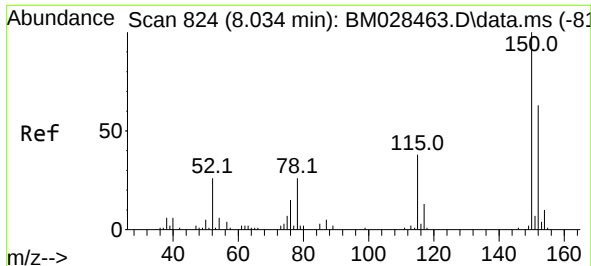
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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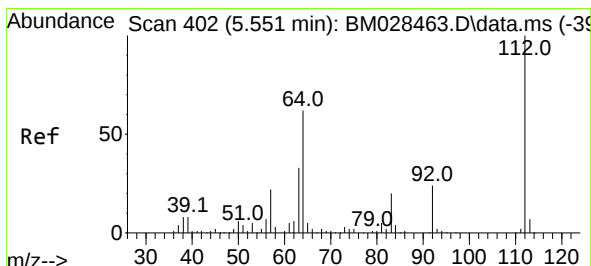
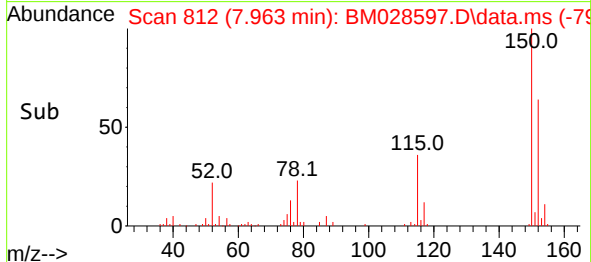
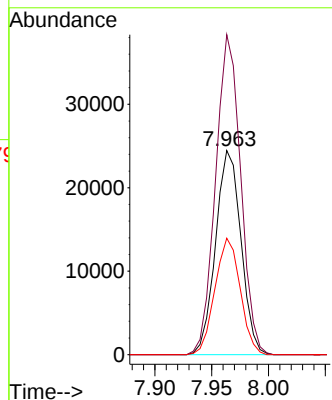
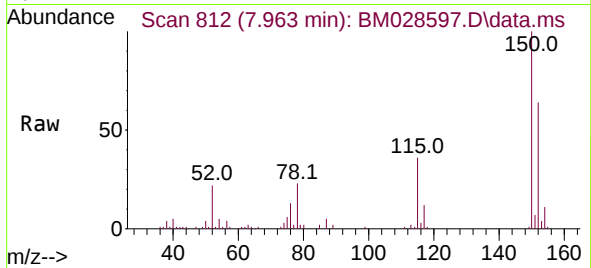




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.963 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM028597.D
Acq: 28 Jan 2021 20:58

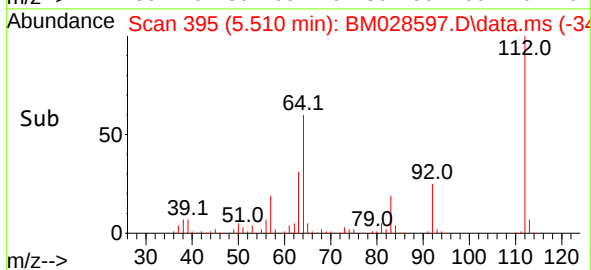
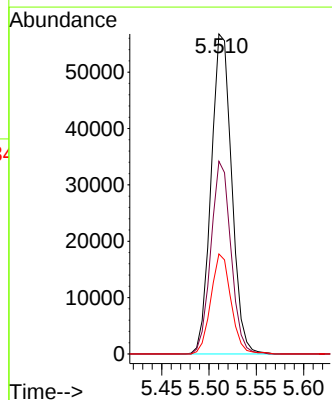
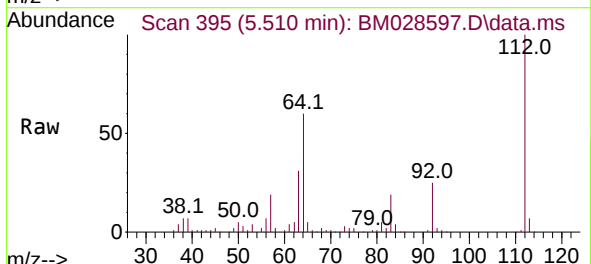
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BNA_M
ClientSampleId :
SIDEWALK

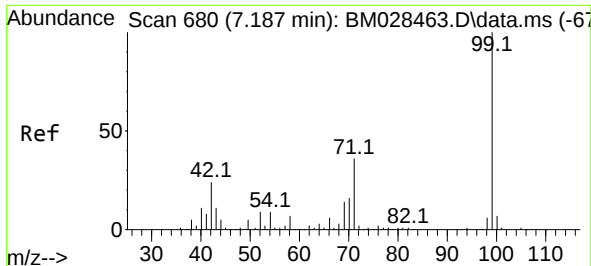
Tgt Ion:152 Resp: 38112
Ion Ratio Lower Upper
152 100
150 156.8 120.6 181.0
115 57.1 47.2 70.8



#5
2-Fluorophenol
Concen: 35.51 ng
RT: 5.510 min Scan# 395
Delta R.T. -0.023 min
Lab File: BM028597.D
Acq: 28 Jan 2021 20:58

Tgt Ion:112 Resp: 85668
Ion Ratio Lower Upper
112 100
64 60.2 50.6 76.0
63 31.3 31.0 46.6

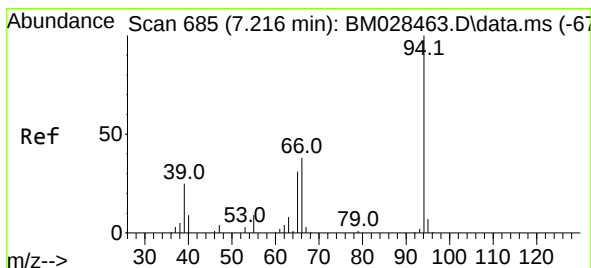
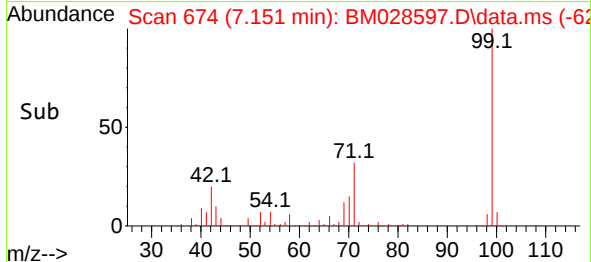
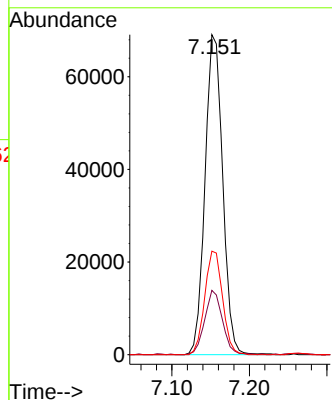
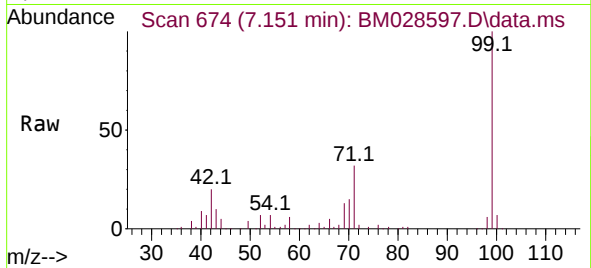




#7
Phenol-d6
Concen: 33.27 ng
RT: 7.151 min Scan# 674
Delta R.T. -0.035 min
Lab File: BM028597.D
Acq: 28 Jan 2021 20:58

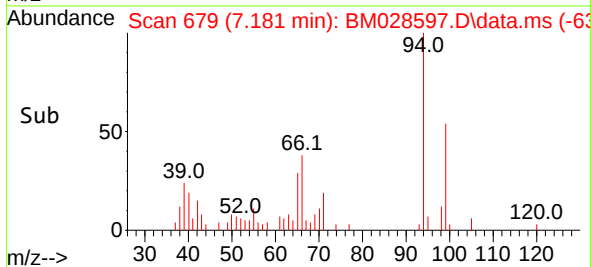
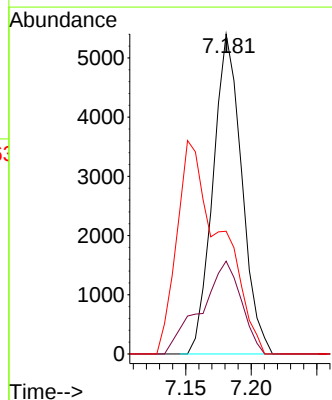
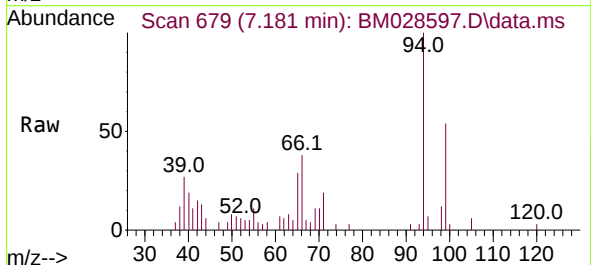
Instrument :
BNA_M
ClientSampleId :
SIDEWALK

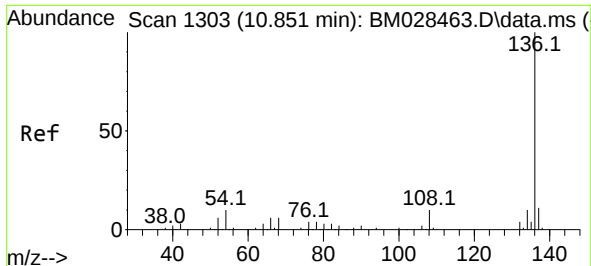
Tgt Ion: 99 Resp: 109303
Ion Ratio Lower Upper
99 100
42 20.1 13.5 20.3
71 32.4 39.4 59.0#



#10
Phenol
Concen: 2.67 ng
RT: 7.181 min Scan# 679
Delta R.T. -0.029 min
Lab File: BM028597.D
Acq: 28 Jan 2021 20:58

Tgt Ion: 94 Resp: 8256
Ion Ratio Lower Upper
94 100
65 29.0 16.4 56.4
66 38.3 30.2 70.2

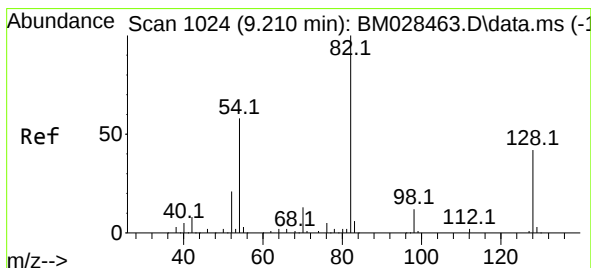
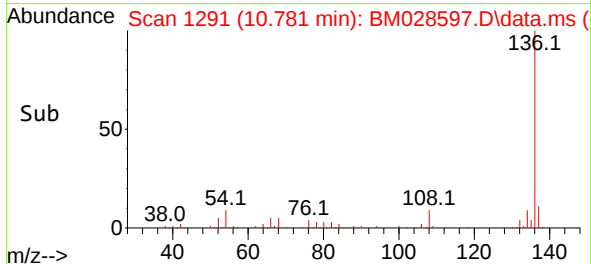
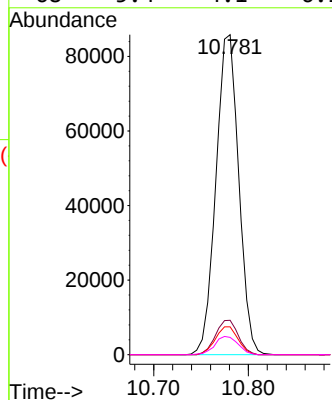
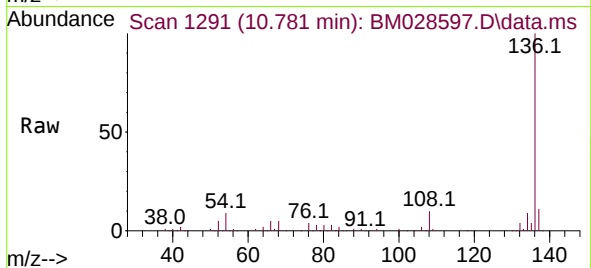




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM028597.D
Acq: 28 Jan 2021 20:58

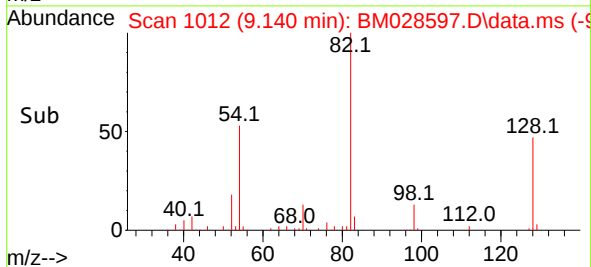
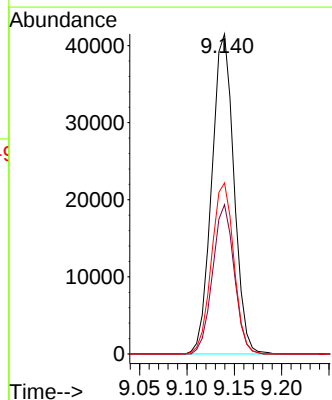
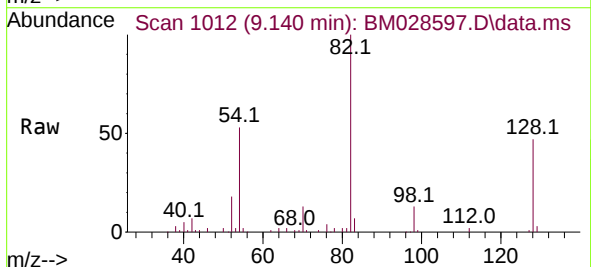
Instrument :
BNA_M
ClientSampleId :
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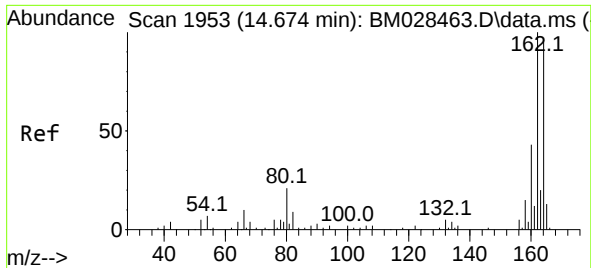
Tgt Ion:	136	Resp:	143703
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	12.8
54	8.7	4.6	7.0#
68	5.4	4.1	6.1



#23
Nitrobenzene-d5
Concen: 22.32 ng
RT: 9.140 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BM028597.D
Acq: 28 Jan 2021 20:58

Tgt Ion:	82	Resp:	67626
Ion Ratio	Lower	Upper	
82	100		
128	46.7	27.4	41.0#
54	53.5	31.4	47.0#

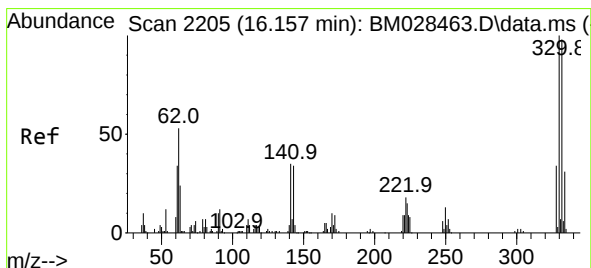
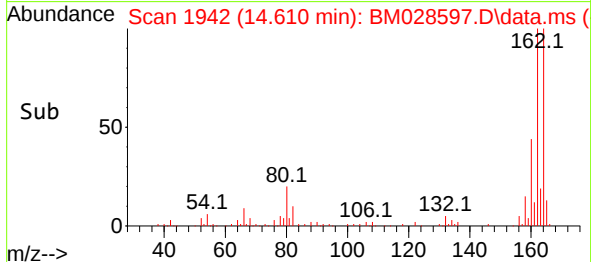
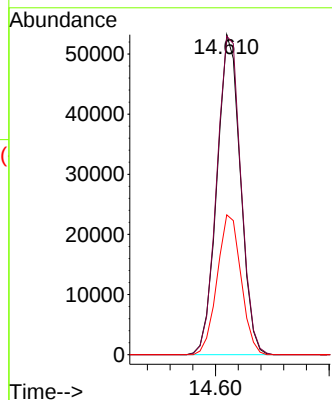
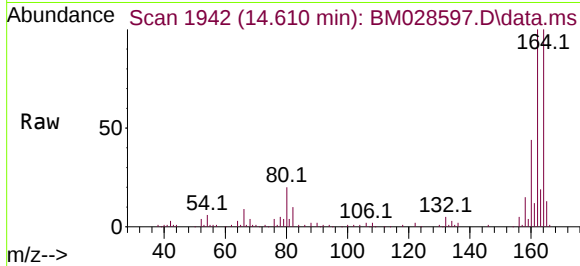




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM028597.D
Acq: 28 Jan 2021 20:58

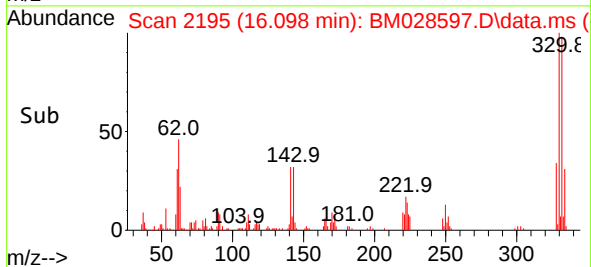
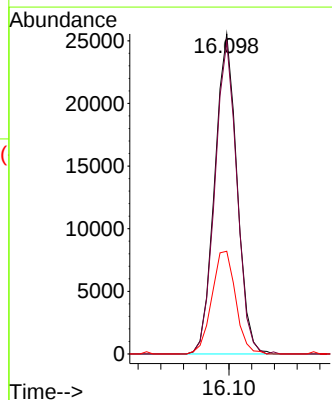
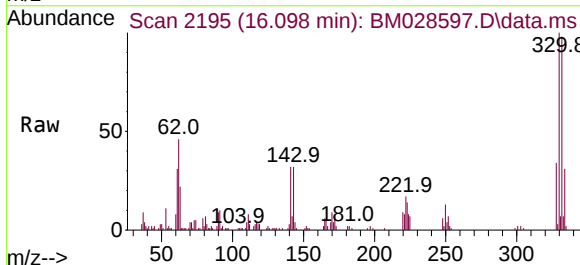
Instrument :
BNA_M
ClientSampleId :
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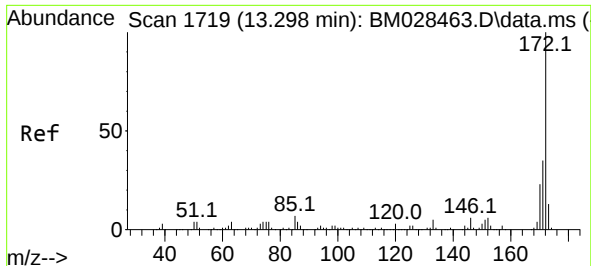
Tgt Ion:164	Resp:	76356
Ion Ratio	Lower	Upper
164	100	
162	99.5	80.4 120.6
160	43.7	35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 34.30 ng
RT: 16.098 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM028597.D
Acq: 28 Jan 2021 20:58

Tgt Ion:330	Resp:	34705
Ion Ratio	Lower	Upper
330	100	
332	96.7	77.8 116.8
141	34.4	28.4 42.6

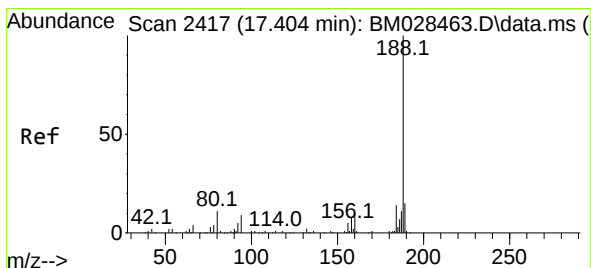
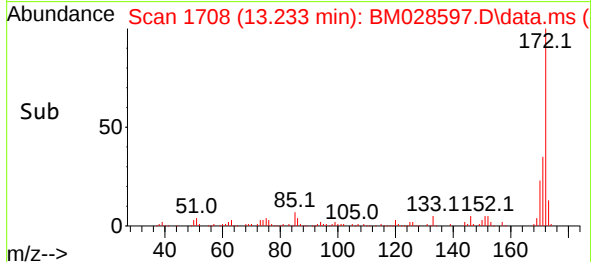
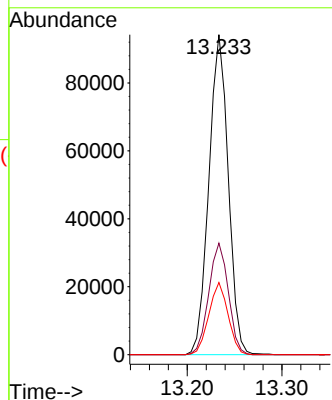
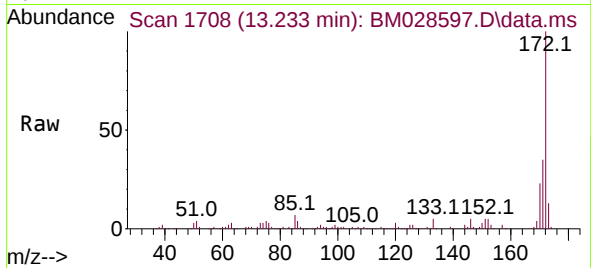




#45
2-Fluorobiphenyl
Concen: 22.03 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM028597.D
Acq: 28 Jan 2021 20:58

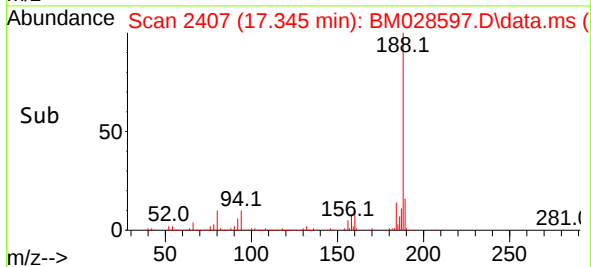
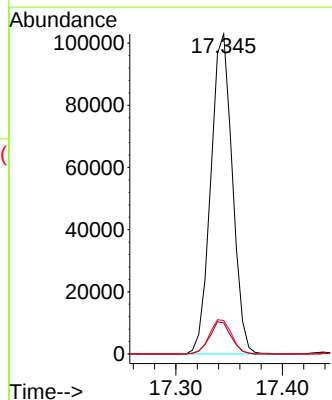
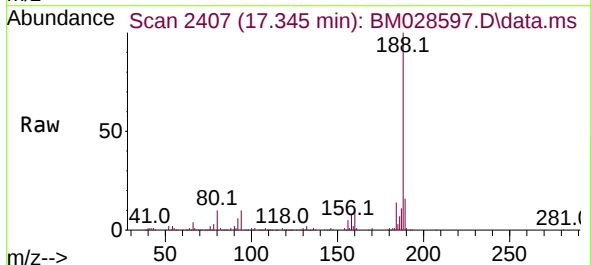
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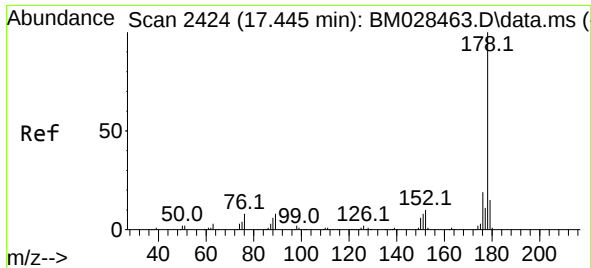
Tgt Ion:	172	Resp:	134104
Ion Ratio	Lower	Upper	
172	100		
171	34.9	27.8	41.8
170	22.5	18.6	27.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM028597.D
Acq: 28 Jan 2021 20:58

Tgt Ion:	188	Resp:	144701
Ion Ratio	Lower	Upper	
188	100		
94	9.7	6.2	9.4
80	10.5	7.5	11.3

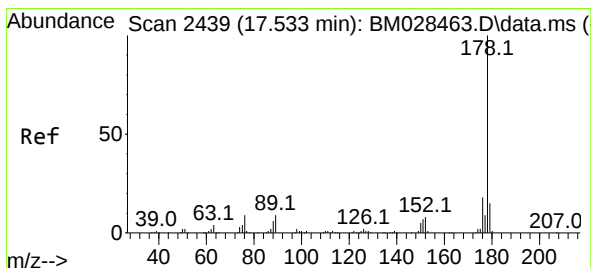
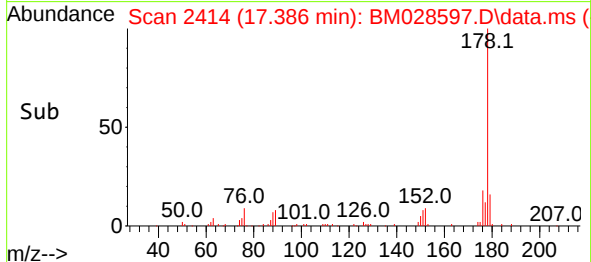
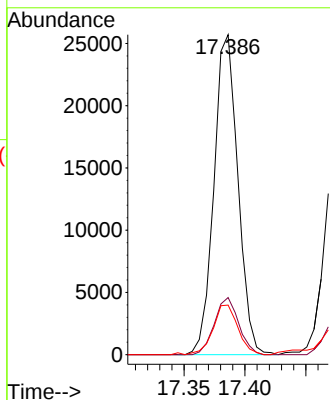
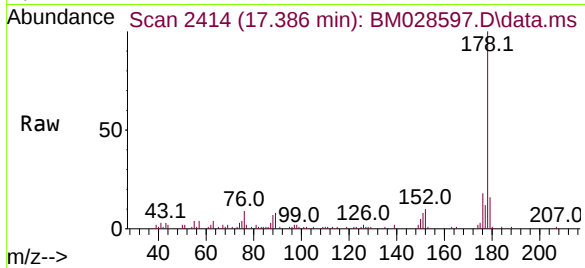




#71
Phenanthrene
Concen: 3.96 ng
RT: 17.386 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BM028597.D
Acq: 28 Jan 2021 20:58

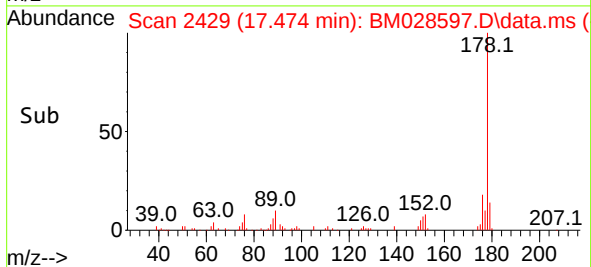
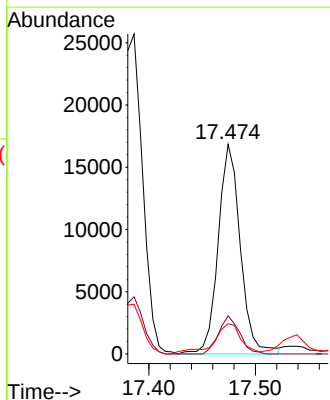
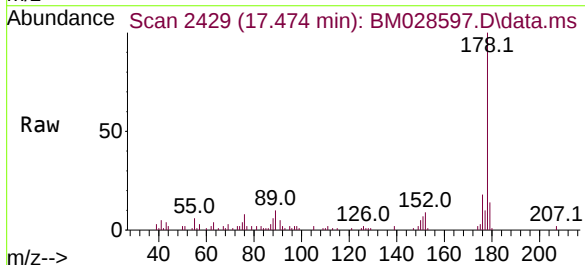
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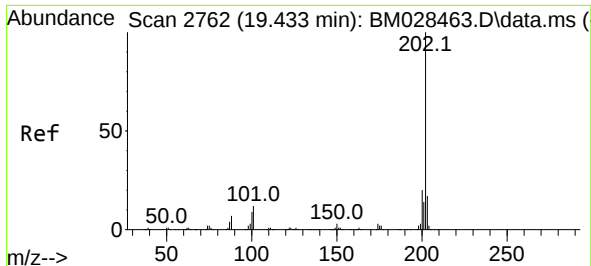
Tgt Ion:178 Resp: 35204
Ion Ratio Lower Upper
178 100
176 17.9 15.0 22.6
179 15.5 12.2 18.4



#72
Anthracene
Concen: 2.83 ng
RT: 17.474 min Scan# 2429
Delta R.T. -0.006 min
Lab File: BM028597.D
Acq: 28 Jan 2021 20:58

Tgt Ion:178 Resp: 24352
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 14.4 12.5 18.7

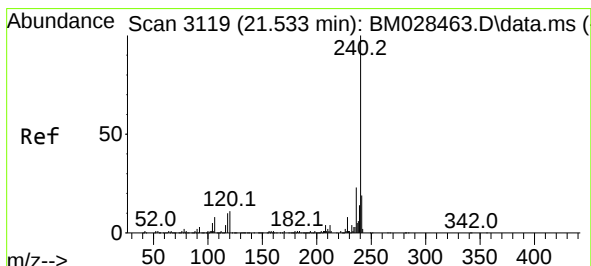
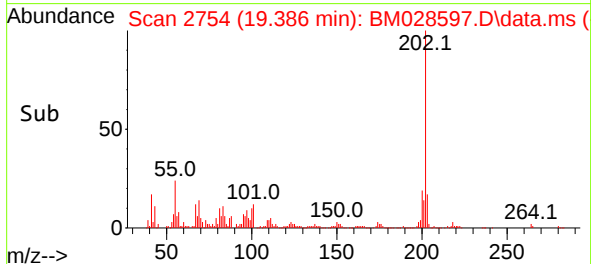
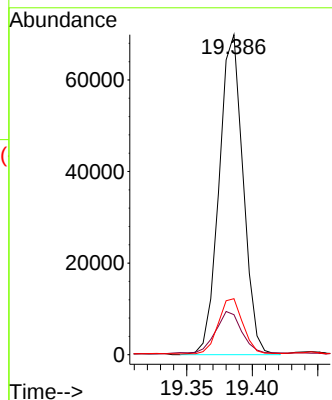
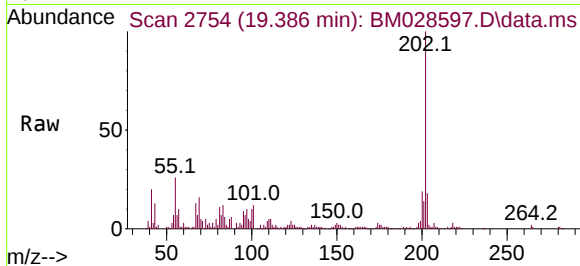




#75
Fluoranthene
Concen: 8.91 ng
RT: 19.386 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BM028597.D
Acq: 28 Jan 2021 20:58

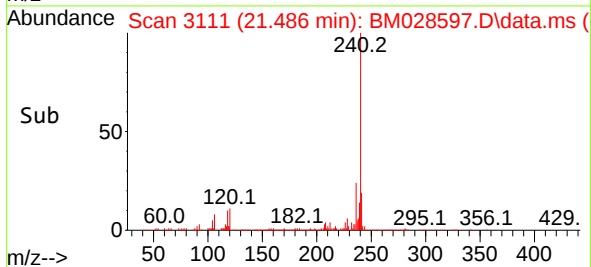
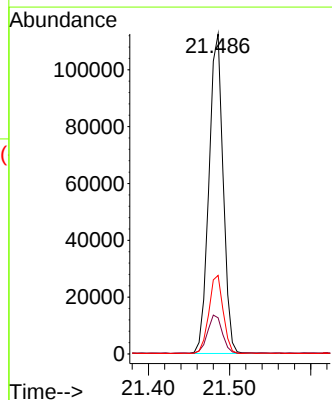
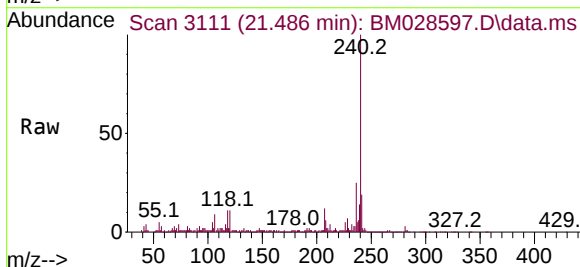
Instrument :
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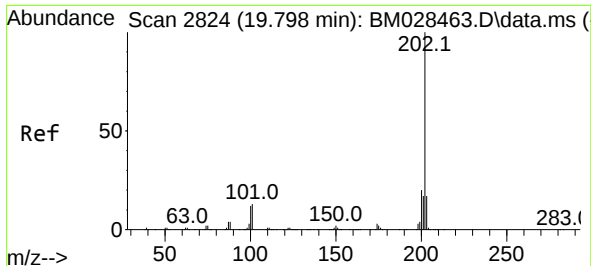
Tgt Ion:	202	Resp:	89063
Ion Ratio	Lower	Upper	
202	100		
101	12.5	0.0	28.5
203	17.5	0.0	37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.486 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM028597.D
Acq: 28 Jan 2021 20:58

Tgt Ion:	240	Resp:	136170
Ion Ratio	Lower	Upper	
240	100		
120	11.3	6.4	9.6#
236	24.5	20.1	30.1

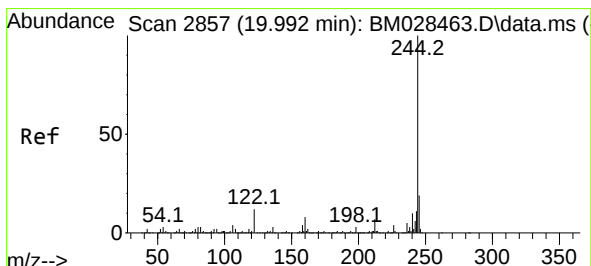
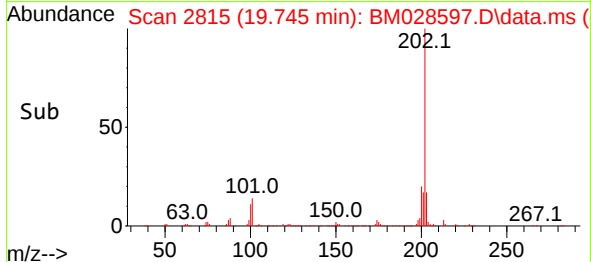
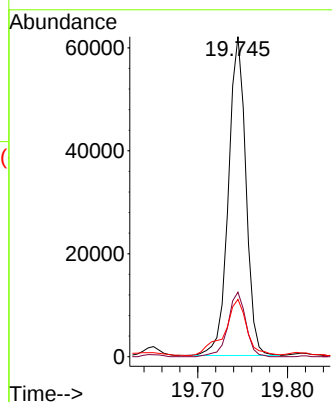
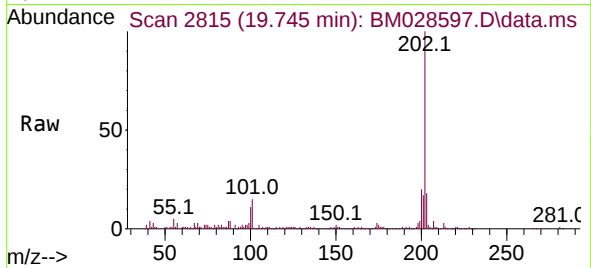




#78
Pyrene
Concen: 8.58 ng
RT: 19.745 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BM028597.D
Acq: 28 Jan 2021 20:58

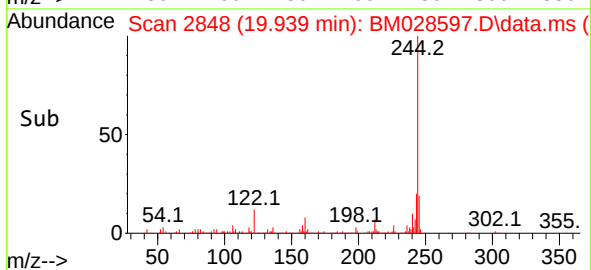
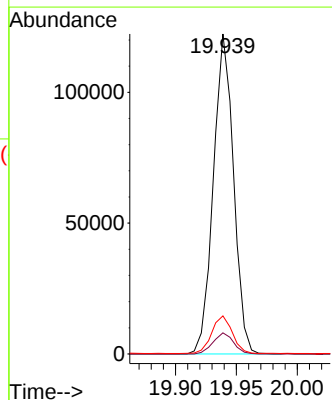
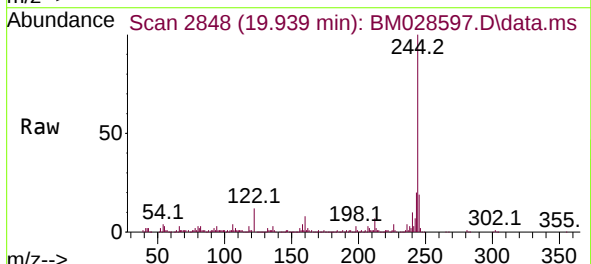
Instrument :
BNA_M
ClientSampleId :
SIDEWALK

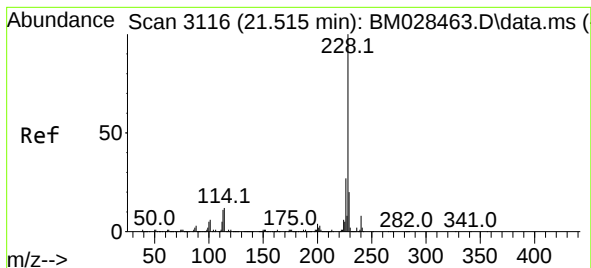
Tgt Ion:	202	Resp:	83799
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.6	24.8
203	17.9	13.8	20.6



#79
Terphenyl-d14
Concen: 18.71 ng
RT: 19.939 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BM028597.D
Acq: 28 Jan 2021 20:58

Tgt Ion:	244	Resp:	141081
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.8	8.8
122	11.9	6.5	9.7#





#81

Benzo(a)anthracene

Concen: 5.66 ng

RT: 21.468 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BM028597.D

Acq: 28 Jan 2021 20:58

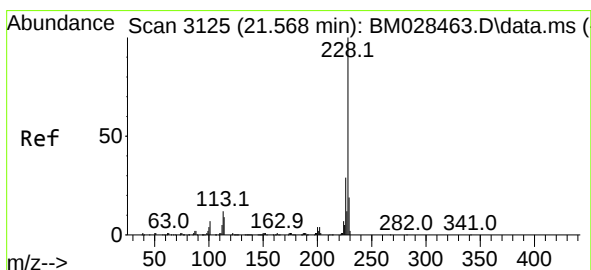
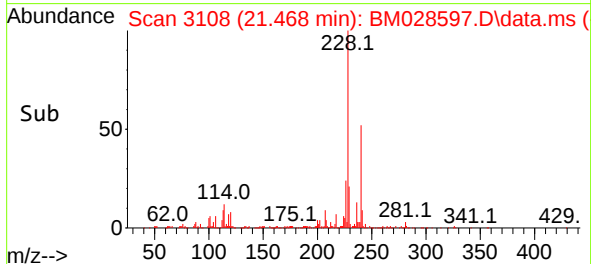
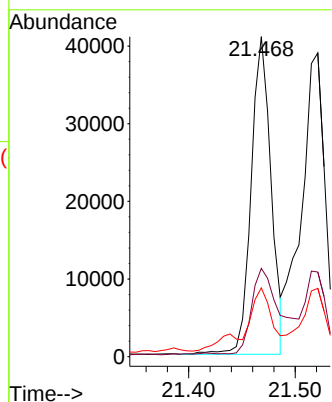
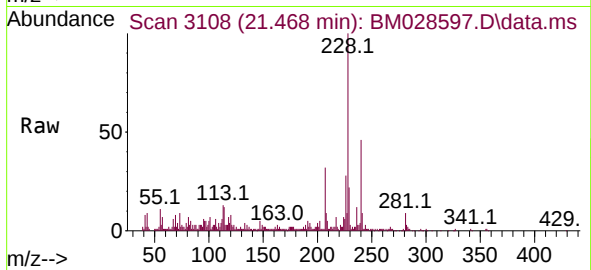
Tgt Ion:	228	Resp:	53218
Ion Ratio	Lower	Upper	
228	100		
226	27.6	21.1	31.7
229	21.5	15.7	23.5

Instrument :

BNA_M

ClientSampleId :

SIDEWALK



#83

Chrysene

Concen: 6.26 ng

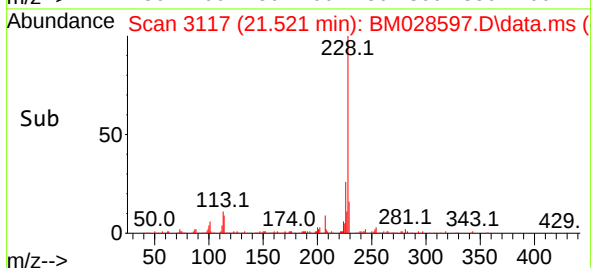
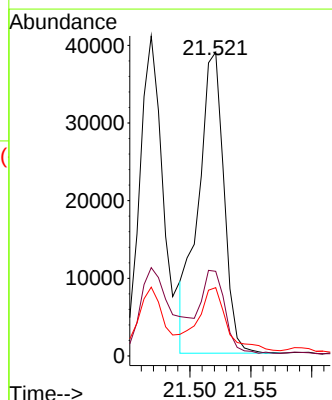
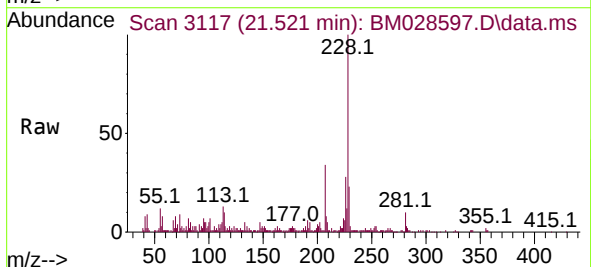
RT: 21.521 min Scan# 3117

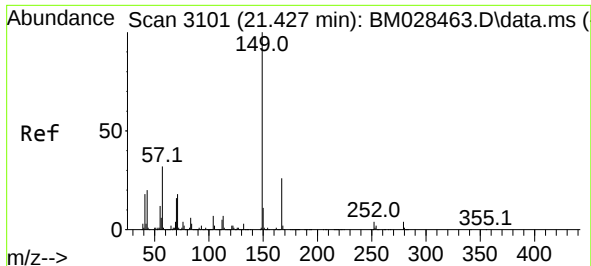
Delta R.T. -0.006 min

Lab File: BM028597.D

Acq: 28 Jan 2021 20:58

Tgt Ion:	228	Resp:	56851
Ion Ratio	Lower	Upper	
228	100		
226	27.9	23.4	35.0
229	22.5	15.7	23.5

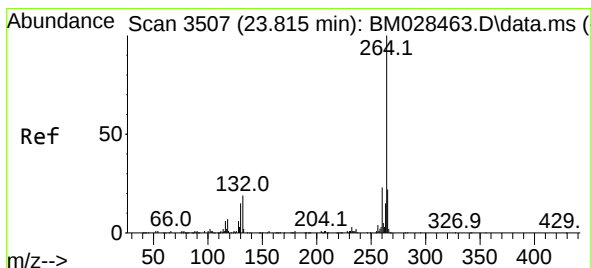
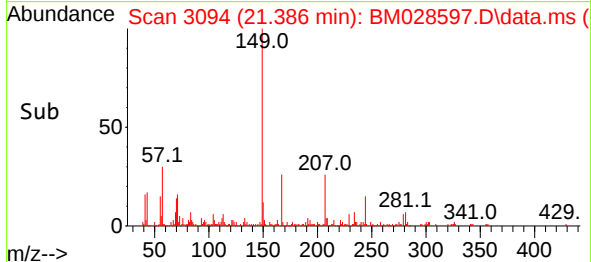
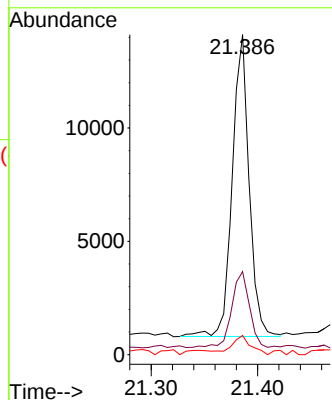
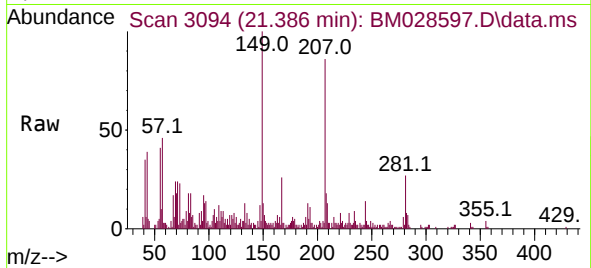




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.41 ng
RT: 21.386 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BM028597.D
Acq: 28 Jan 2021 20:58

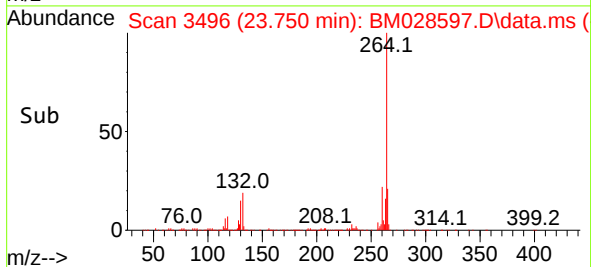
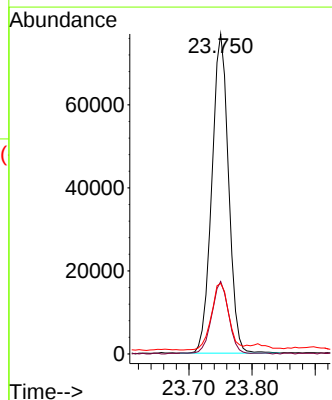
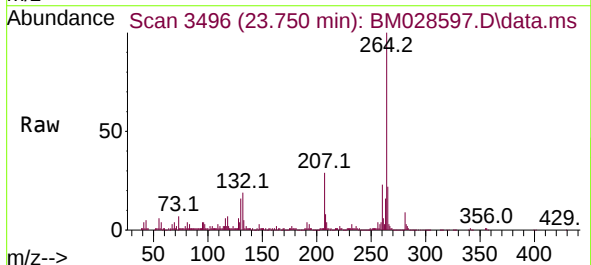
Instrument :
BNA_M
ClientSampleId :
SIDEWALK

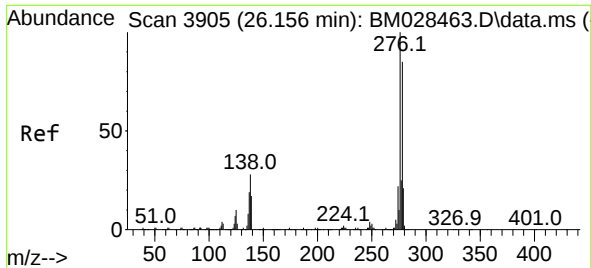
Tgt Ion:149 Resp: 14644
Ion Ratio Lower Upper
149 100
167 25.9 22.7 34.1
279 6.0 4.0 6.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.750 min Scan# 3496
Delta R.T. 0.000 min
Lab File: BM028597.D
Acq: 28 Jan 2021 20:58

Tgt Ion:264 Resp: 141074
Ion Ratio Lower Upper
264 100
260 22.6 19.0 28.4
265 22.1 17.7 26.5

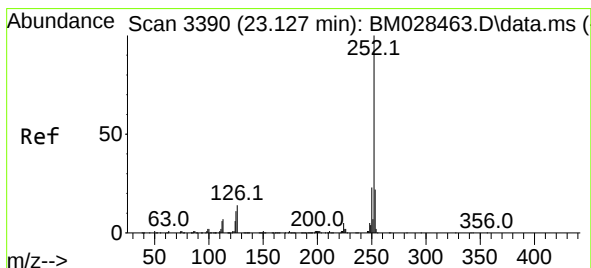
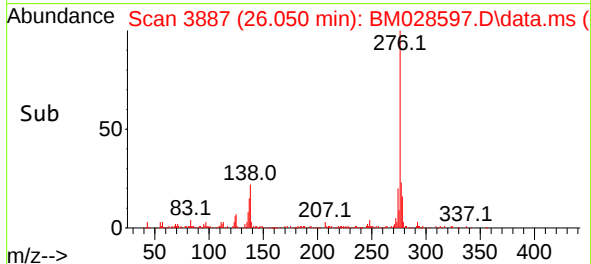
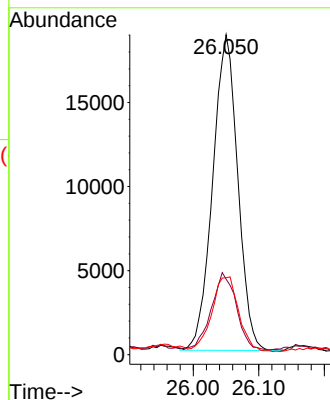
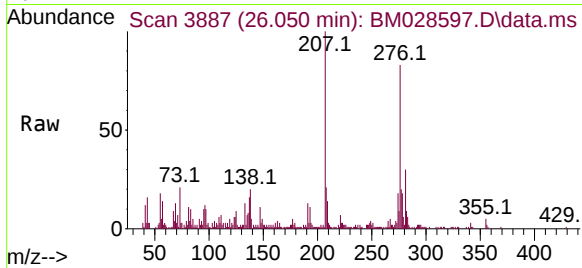




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.74 ng
 RT: 26.050 min Scan# 3887
 Delta R.T. -0.018 min
 Lab File: BM028597.D
 Acq: 28 Jan 2021 20:58

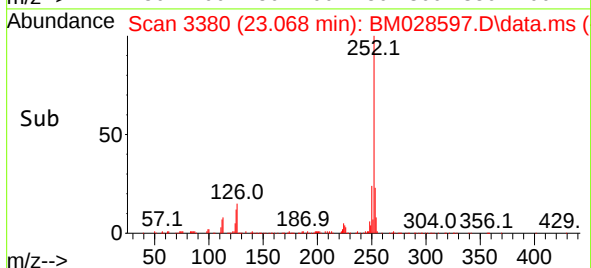
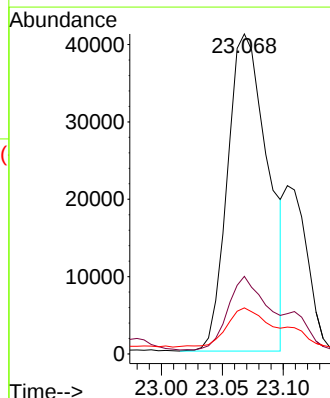
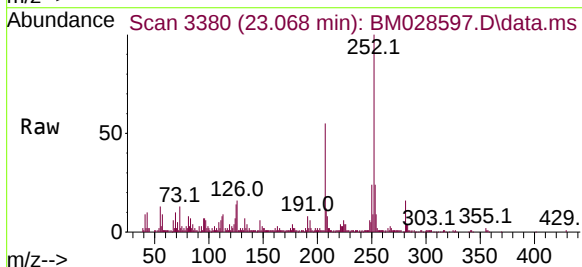
Instrument :
 BNA_M
 ClientSampleId :
 SIDEWALK

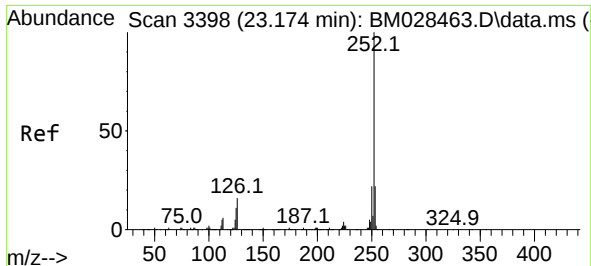
Tgt Ion:	276	Resp:	49796
Ion Ratio	Lower	Upper	
276	100		
138	24.6	14.2	21.4#
277	25.3	19.8	29.8



#88
 Benzo(b)fluoranthene
 Concen: 9.89 ng
 RT: 23.068 min Scan# 3380
 Delta R.T. -0.006 min
 Lab File: BM028597.D
 Acq: 28 Jan 2021 20:58

Tgt Ion:	252	Resp:	94692
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.4	26.0
125	14.4	5.7	8.5#





#89

Benzo(k)fluoranthene

Concen: 10.13 ng

RT: 23.068 min Scan# 3380

Delta R.T. -0.047 min

Lab File: BM028597.D

Acq: 28 Jan 2021 20:58

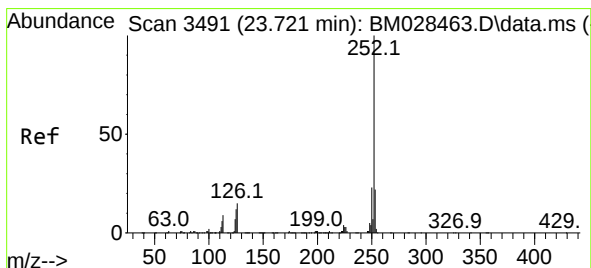
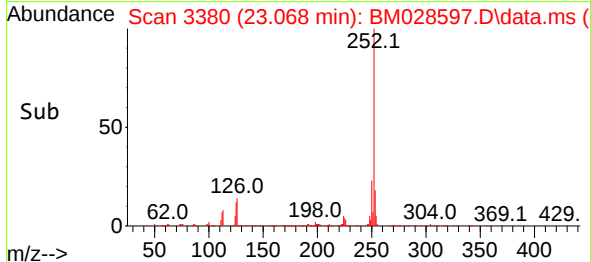
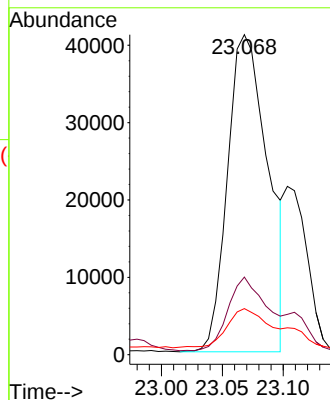
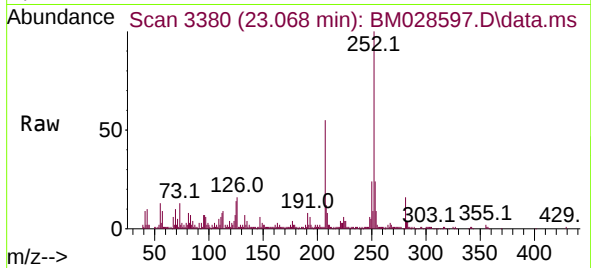
Tgt Ion:252	Resp:	94692
Ion Ratio	Lower	Upper
252	100	
253	24.3	17.4 26.0
125	14.4	5.6 8.4#

Instrument :

BNA_M

ClientSampleId :

SIDEWALK



#90

Benzo(a)pyrene

Concen: 7.32 ng

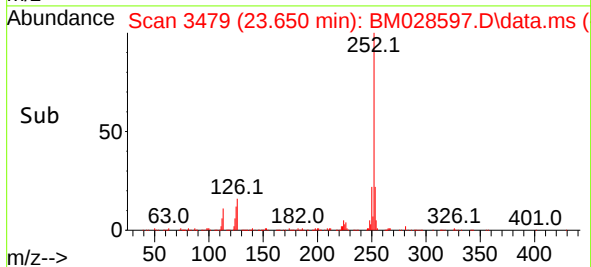
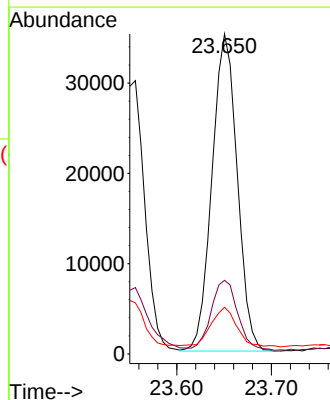
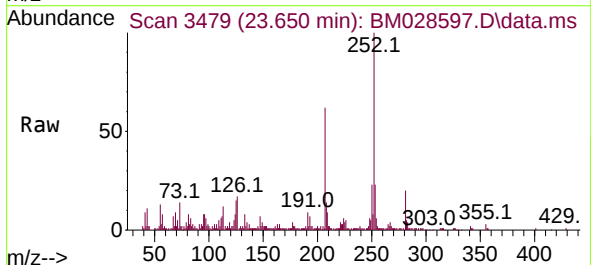
RT: 23.650 min Scan# 3479

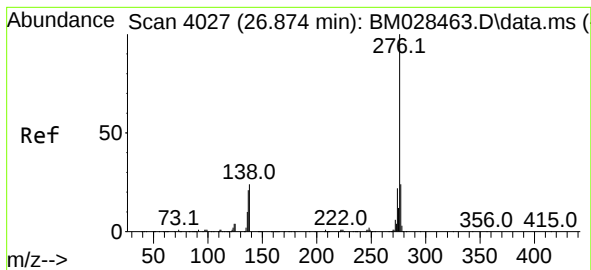
Delta R.T. -0.006 min

Lab File: BM028597.D

Acq: 28 Jan 2021 20:58

Tgt Ion:252	Resp:	65005
Ion Ratio	Lower	Upper
252	100	
253	23.0	17.4 26.2
125	14.6	6.6 9.8#





#92
 Benzo(g,h,i)perylene
 Concen: 6.35 ng
 RT: 26.762 min Scan# 4008
 Delta R.T. -0.012 min
 Lab File: BM028597.D
 Acq: 28 Jan 2021 20:58

Instrument :
 BNA_M
 ClientSampleId :
 SIDEWALK

Tgt Ion:276 Resp: 54335
 Ion Ratio Lower Upper
 276 100
 277 25.1 18.6 28.0
 138 24.5 12.2 18.2#

