

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
 Data File : BM028598.D
 Acq On : 28 Jan 2021 21:34
 Operator : CG/JU
 Sample : M1241-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FACILITY-1

Quant Time: Jan 28 23:37:56 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)

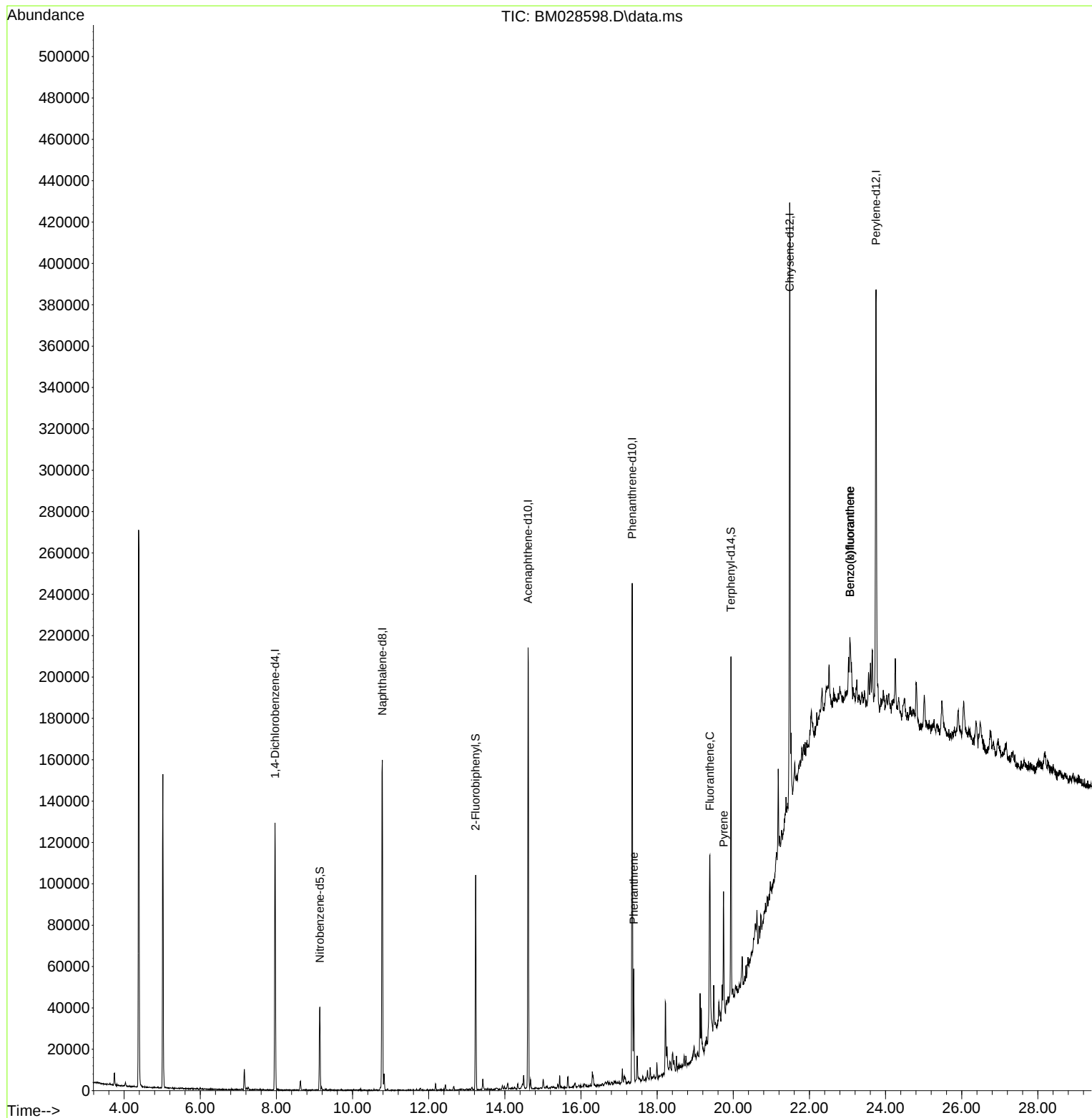
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	34171	20.00	ng	0.00
21) Naphthalene-d8	10.780	136	131359	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	71306	20.00	ng	-0.01
64) Phenanthrene-d10	17.345	188	136718	20.00	ng	# 0.00
76) Chrysene-d12	21.480	240	128468	20.00	ng	# 0.00
86) Perylene-d12	23.750	264	133324	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	225	0.10	ng	-0.02
7) Phenol-d6	7.157	99	5782	1.96	ng	-0.03
23) Nitrobenzene-d5	9.139	82	22135	7.99	ng	-0.01
42) 2,4,6-Tribromophenol	0.000	330	0	0.00	ng	
45) 2-Fluorobiphenyl	13.233	172	51685	9.09	ng	0.00
79) Terphenyl-d14	19.939	244	62324	8.76	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.386	178	29782	3.54	ng	99
75) Fluoranthene	19.386	202	36095	3.82	ng	96
78) Pyrene	19.745	202	33599	3.65	ng	99
88) Benzo(b)fluoranthene	23.068	252	20455	2.26	ng	# 79
89) Benzo(k)fluoranthene	23.068	252	20455	2.31	ng	# 79

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

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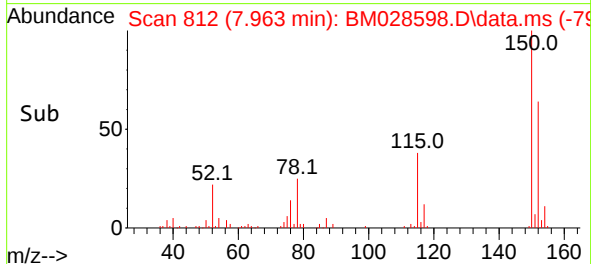
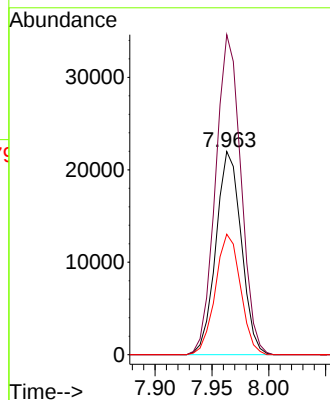
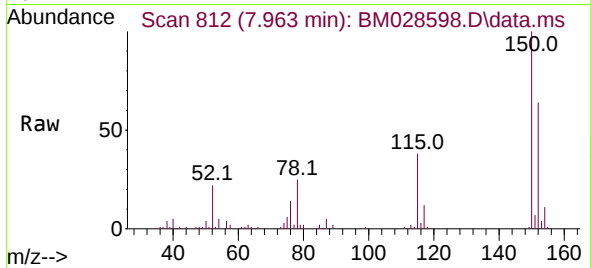




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.963 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM028598.D
Acq: 28 Jan 2021 21:34

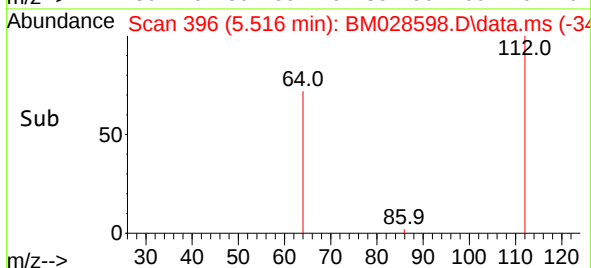
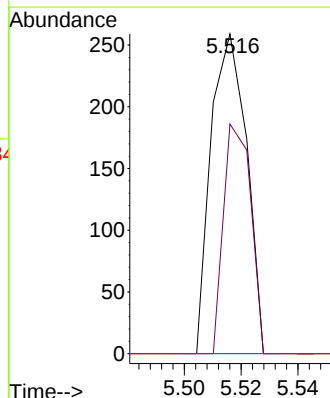
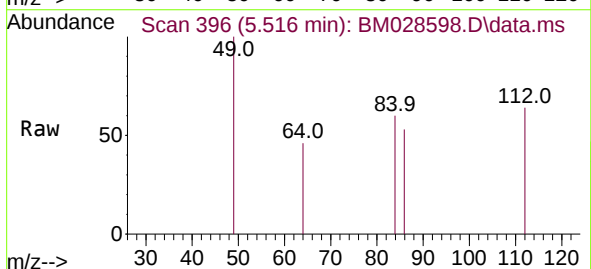
Instrument :
BNA_M
ClientSampled :
FACILITY-1

Tgt Ion:152 Resp: 34171
Ion Ratio Lower Upper
152 100
150 157.5 120.6 181.0
115 59.3 47.2 70.8



#5
2-Fluorophenol
Concen: 0.10 ng
RT: 5.516 min Scan# 396
Delta R.T. -0.018 min
Lab File: BM028598.D
Acq: 28 Jan 2021 21:34

Tgt Ion:112 Resp: 225
Ion Ratio Lower Upper
112 100
64 71.8 50.6 76.0
63 0.0 31.0 46.6#

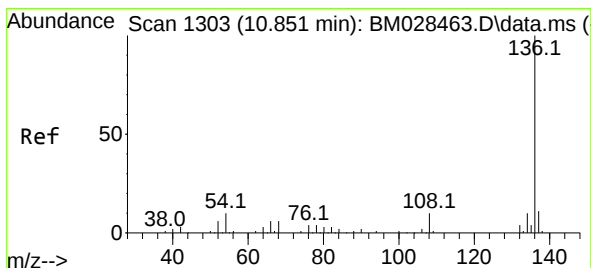
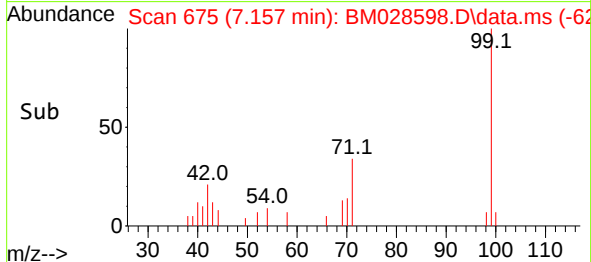
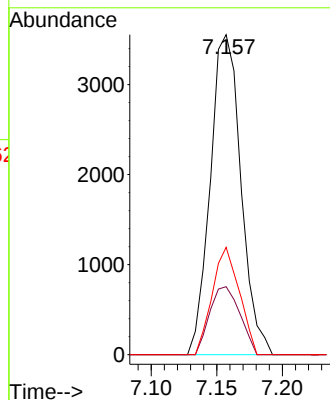
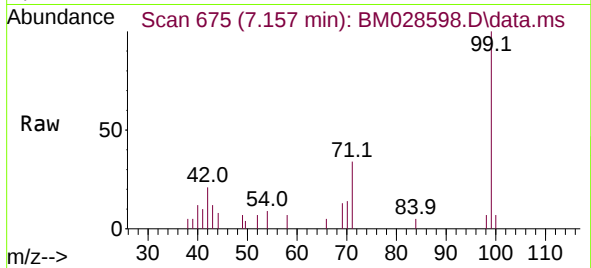




#7
Phenol-d6
Concen: 1.96 ng
RT: 7.157 min Scan# 675
Delta R.T. -0.030 min
Lab File: BM028598.D
Acq: 28 Jan 2021 21:34

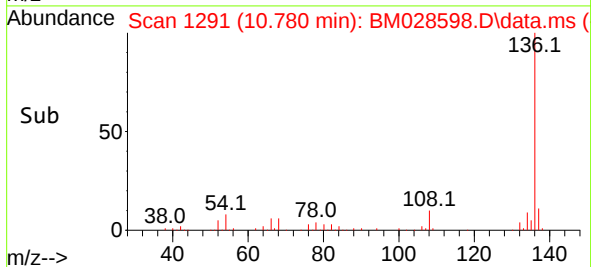
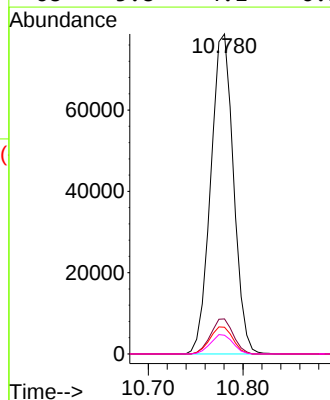
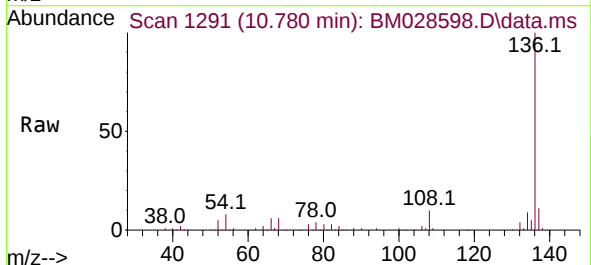
Instrument :
BNA_M
ClientSampled :
FACILITY-1

Tgt Ion:	99	Resp:	5782
Ion	Ratio	Lower	Upper
99	100		
42	21.2	13.5	20.3#
71	33.5	39.4	59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.780 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM028598.D
Acq: 28 Jan 2021 21:34

Tgt Ion:	136	Resp:	131359
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	8.4	4.6	7.0#
68	5.8	4.1	6.1

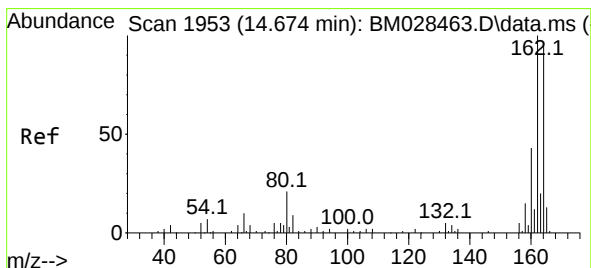
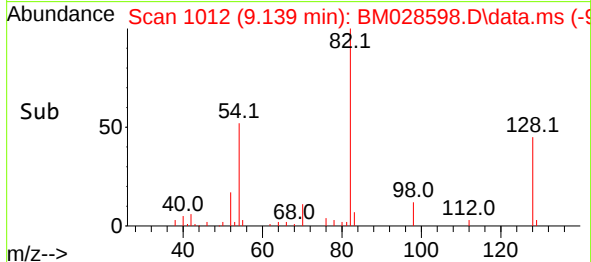
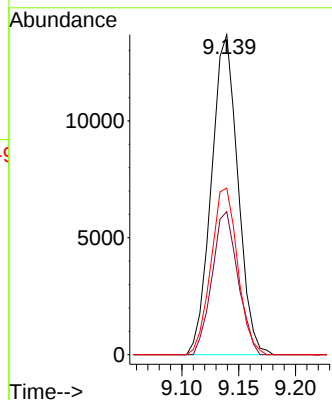
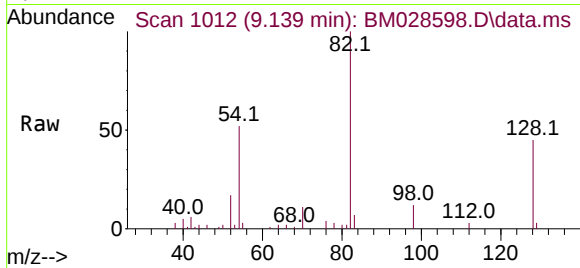




#23
Nitrobenzene-d5
Concen: 7.99 ng
RT: 9.139 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BM028598.D
Acq: 28 Jan 2021 21:34

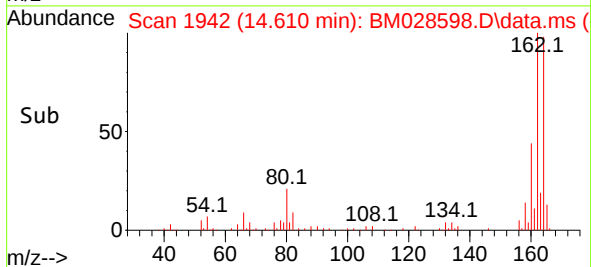
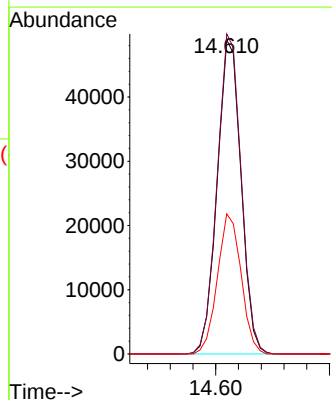
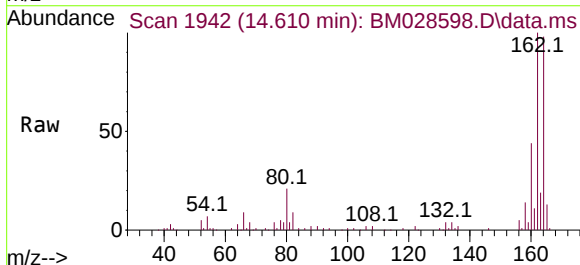
Instrument :
BNA_M
ClientSampled :
FACILITY-1

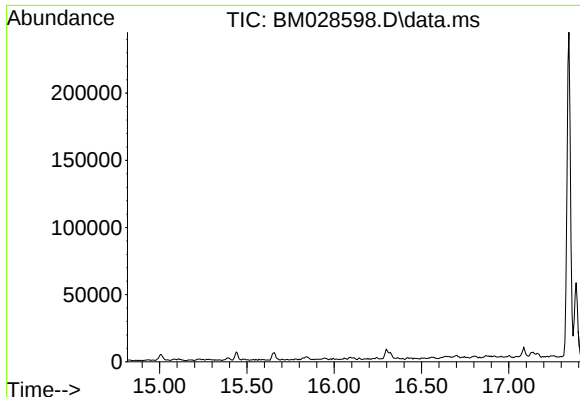
Tgt Ion: 82 Resp: 22135
Ion Ratio Lower Upper
82 100
128 44.7 27.4 41.0#
54 52.0 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM028598.D
Acq: 28 Jan 2021 21:34

Tgt Ion: 164 Resp: 71306
Ion Ratio Lower Upper
164 100
162 101.9 80.4 120.6
160 44.6 35.9 53.9



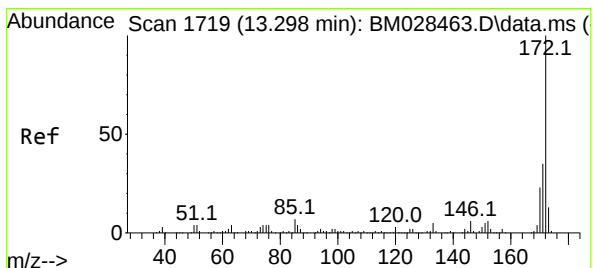
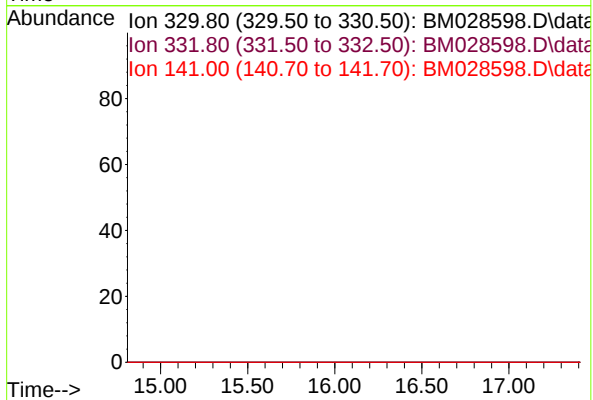


#42
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 16.11 min

Lab File: BM028598.D
Acq: 28 Jan 2021 21:34

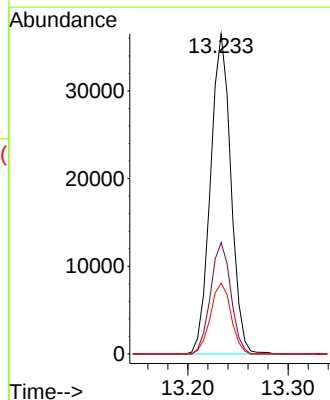
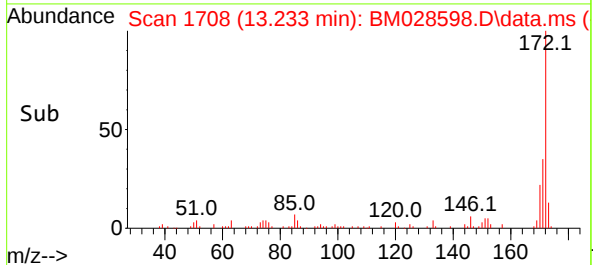
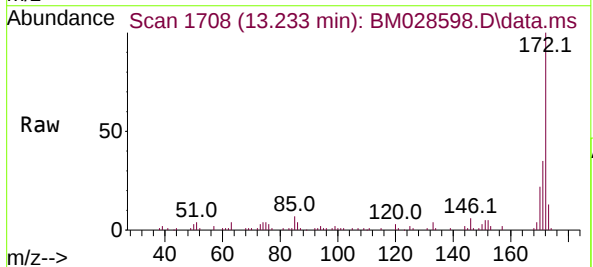
Tgt Ion: 330
Sig Exp Ratio
330 100
332 97.3
141 35.5

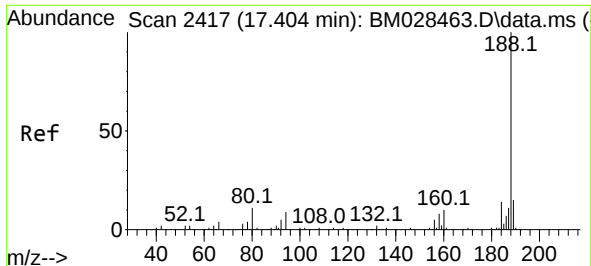
Instrument :
BNA_M
ClientSampleId :
FACILITY-1



#45
2-Fluorobiphenyl
Concen: 9.09 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM028598.D
Acq: 28 Jan 2021 21:34

Tgt Ion: 172 Resp: 51685
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 22.1 18.6 27.8

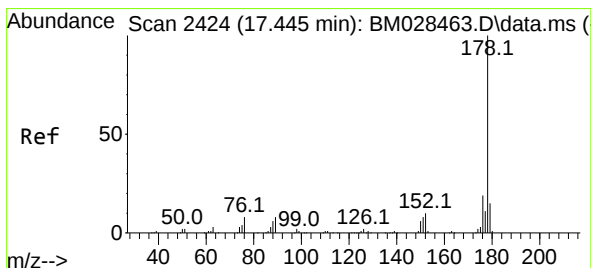
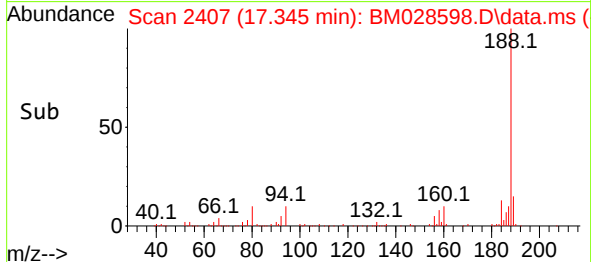
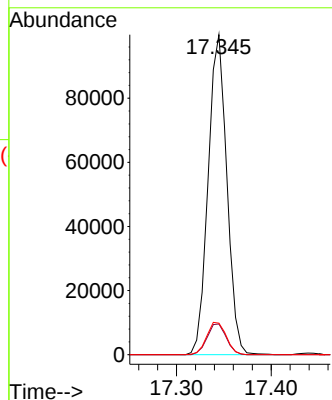
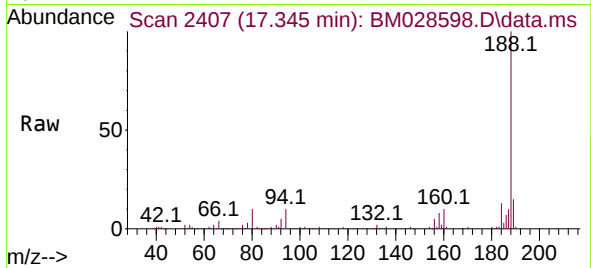




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM028598.D
Acq: 28 Jan 2021 21:34

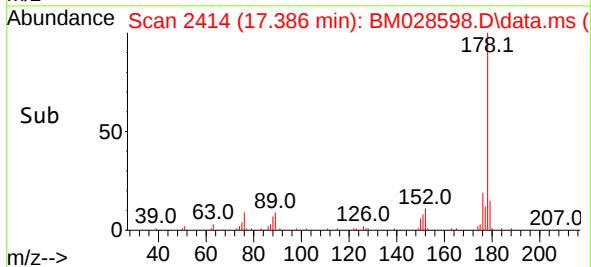
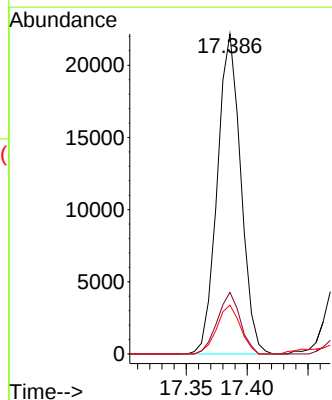
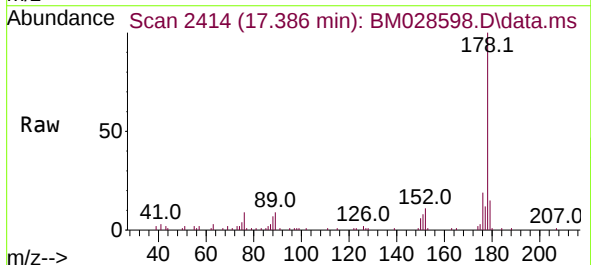
Instrument :
BNA_M
ClientSampleId :
FACILITY-1

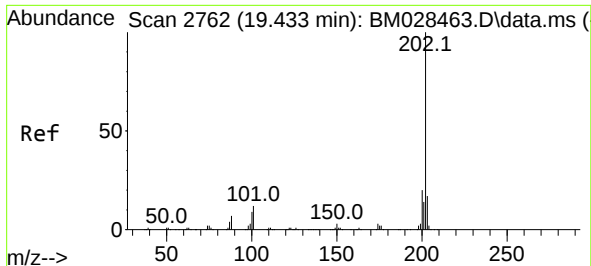
Tgt Ion:188 Resp: 136718
Ion Ratio Lower Upper
188 100
94 9.6 6.2 9.4#
80 9.9 7.5 11.3



#71
Phenanthrene
Concen: 3.54 ng
RT: 17.386 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BM028598.D
Acq: 28 Jan 2021 21:34

Tgt Ion:178 Resp: 29782
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.6
179 15.3 12.2 18.4

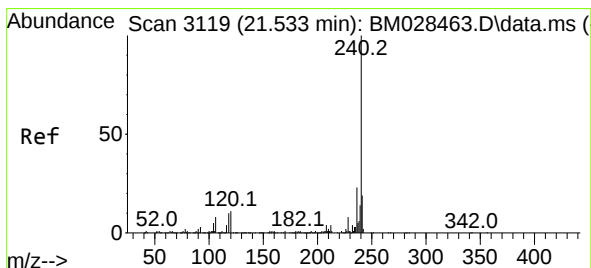
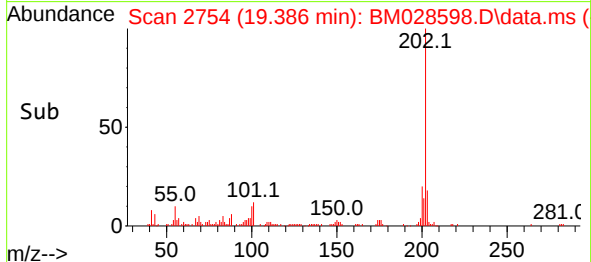
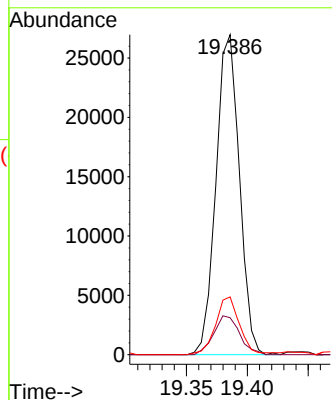
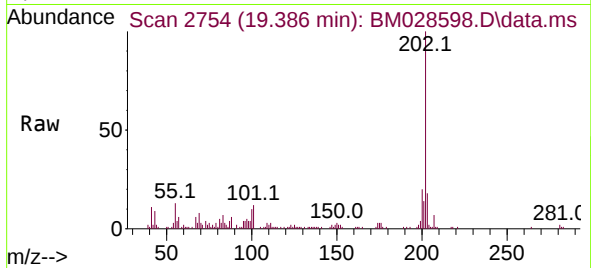




#75
Fluoranthene
Concen: 3.82 ng
RT: 19.386 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BM028598.D
Acq: 28 Jan 2021 21:34

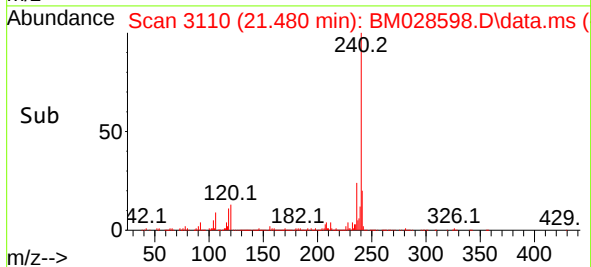
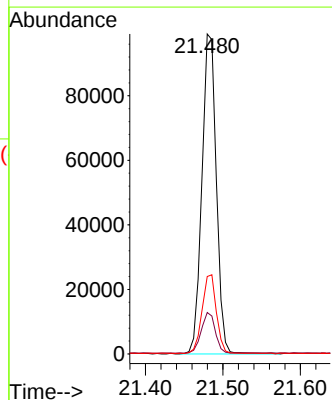
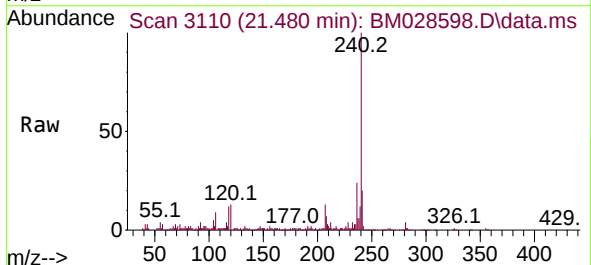
Instrument :
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FACILITY-1

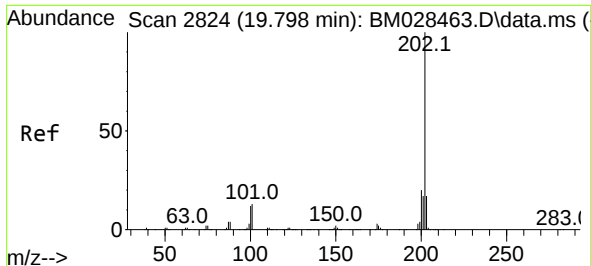
Tgt Ion:	202	Resp:	36095
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	28.5
203	18.1	0.0	37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.480 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM028598.D
Acq: 28 Jan 2021 21:34

Tgt Ion:	240	Resp:	128468
Ion Ratio	Lower	Upper	
240	100		
120	13.0	6.4	9.6#
236	24.2	20.1	30.1

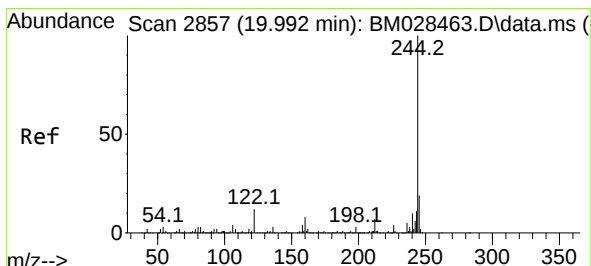
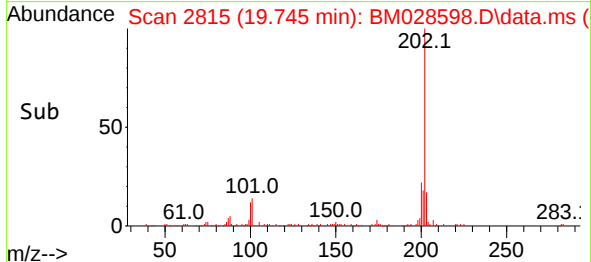
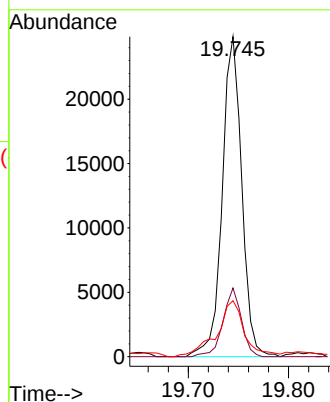
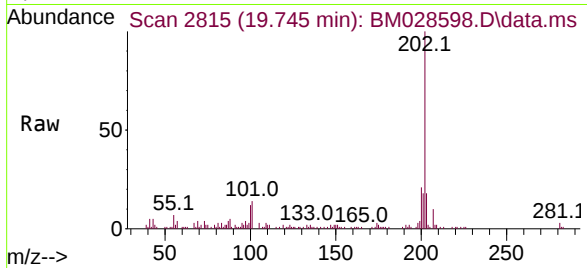




#78
 Pyrene
 Concen: 3.65 ng
 RT: 19.745 min Scan# 2815
 Delta R.T. -0.006 min
 Lab File: BM028598.D
 Acq: 28 Jan 2021 21:34

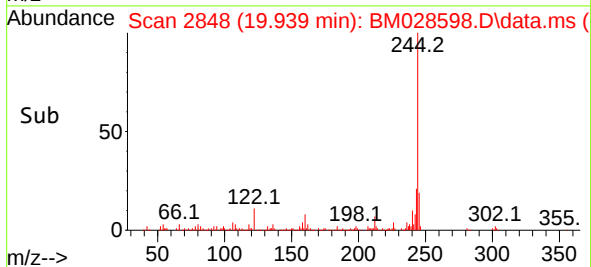
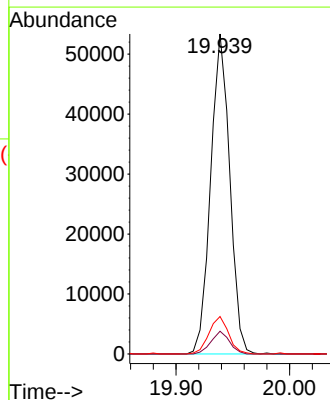
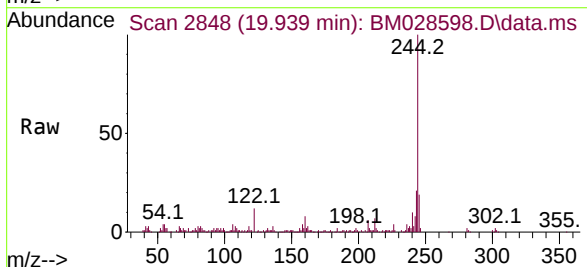
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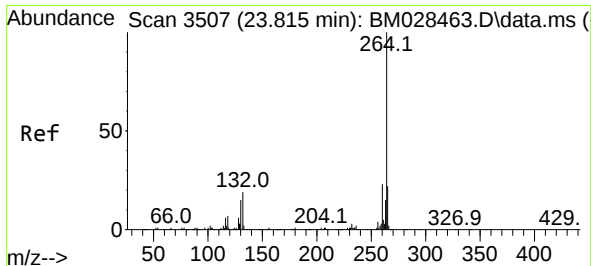
Tgt Ion:	202	Resp:	33599
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.6	24.8
203	17.5	13.8	20.6



#79
 Terphenyl-d14
 Concen: 8.76 ng
 RT: 19.939 min Scan# 2848
 Delta R.T. -0.006 min
 Lab File: BM028598.D
 Acq: 28 Jan 2021 21:34

Tgt Ion:	244	Resp:	62324
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.8	8.8
122	11.7	6.5	9.7#

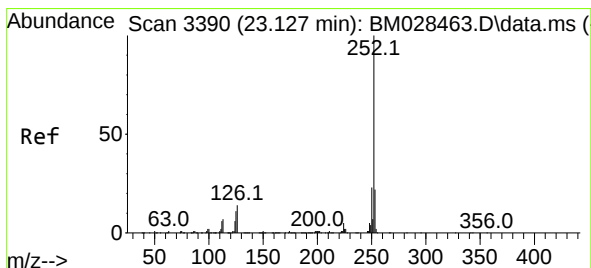
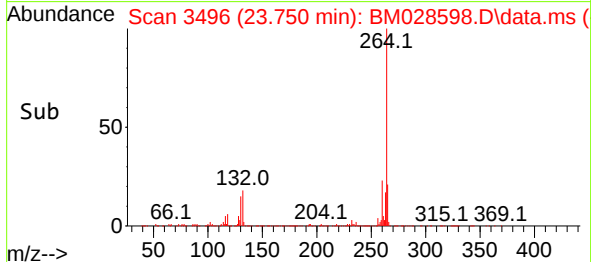
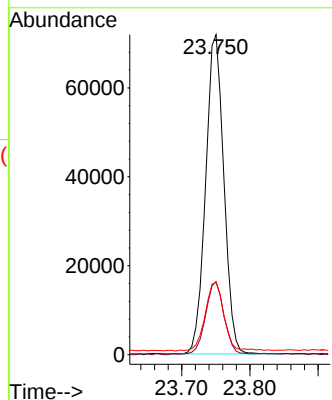
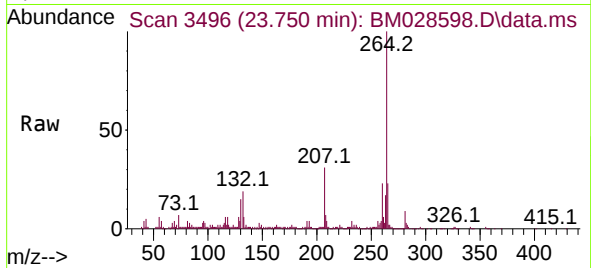




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.750 min Scan# 3496
Delta R.T. -0.000 min
Lab File: BM028598.D
Acq: 28 Jan 2021 21:34

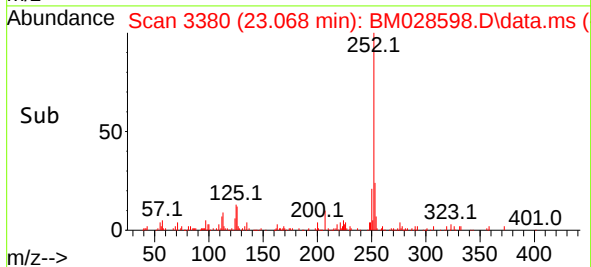
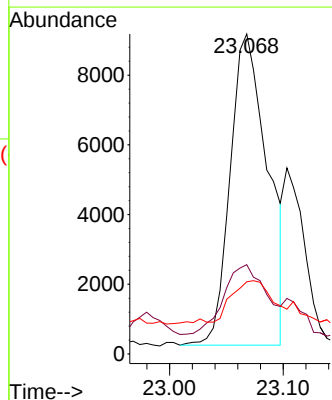
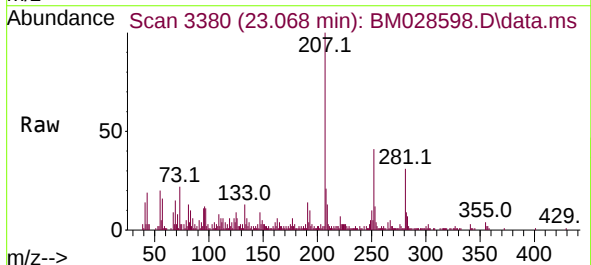
Instrument :
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ClientSampleId :
FACILITY-1

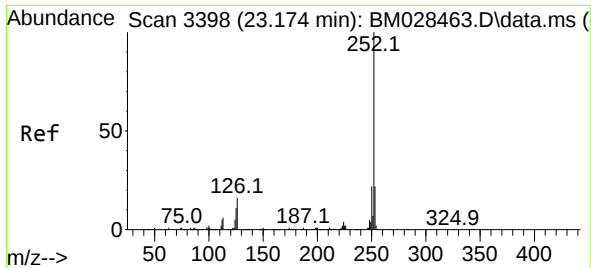
Tgt Ion:264 Resp: 133324
Ion Ratio Lower Upper
264 100
260 22.9 19.0 28.4
265 22.5 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 2.26 ng
RT: 23.068 min Scan# 3380
Delta R.T. -0.006 min
Lab File: BM028598.D
Acq: 28 Jan 2021 21:34

Tgt Ion:252 Resp: 20455
Ion Ratio Lower Upper
252 100
253 27.9 17.4 26.0#
125 22.5 5.7 8.5#





#89
Benzo(k)fluoranthene
Concen: 2.31 ng
RT: 23.068 min Scan# 3380
Delta R.T. -0.047 min
Lab File: BM028598.D
Acq: 28 Jan 2021 21:34

Instrument :
BNA_M
ClientSampleId :
FACILITY-1

Tgt Ion:252 Resp: 20455
Ion Ratio Lower Upper
252 100
253 27.9 17.4 26.0#
125 22.5 5.6 8.4#

