

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012221\
 Data File : BM028523.D
 Acq On : 22 Jan 2021 18:04
 Operator : CG/JU
 Sample : M1188-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-SWITCH-GEAR

Quant Time: Jan 22 22:21:40 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 22 10:45:04 2021
 Response via : Initial Calibration

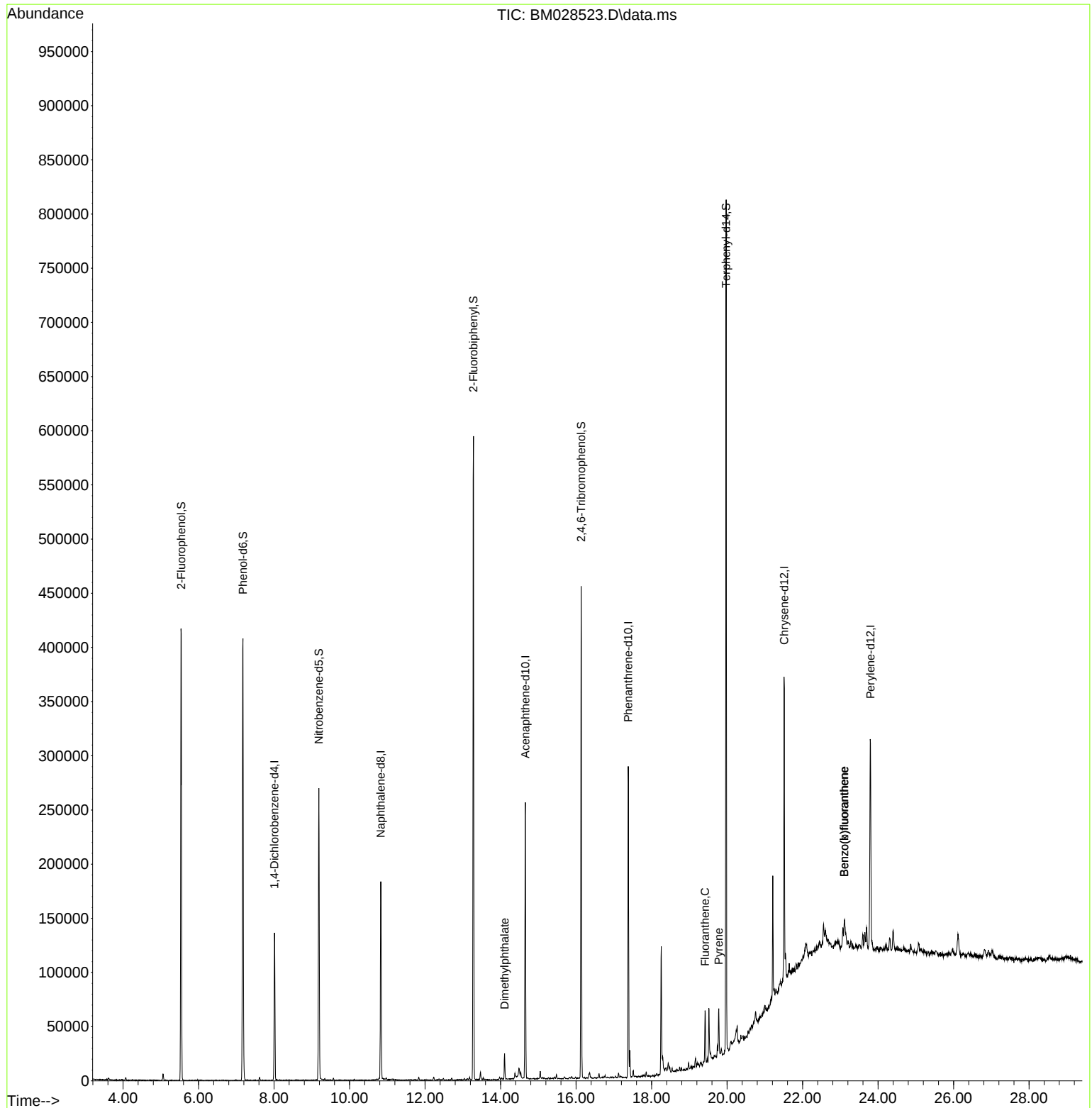
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	35790	20.00	ng	0.00
21) Naphthalene-d8	10.828	136	146705	20.00	ng	# 0.00
39) Acenaphthene-d10	14.657	164	82562	20.00	ng	0.00
64) Phenanthrene-d10	17.380	188	161577	20.00	ng	# 0.00
76) Chrysene-d12	21.515	240	121672	20.00	ng	# 0.00
86) Perylene-d12	23.798	264	125789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	172999	76.36	ng	0.00
7) Phenol-d6	7.175	99	223497	72.45	ng	0.00
23) Nitrobenzene-d5	9.187	82	141360	45.70	ng	-0.01
42) 2,4,6-Tribromophenol	16.133	330	76497	69.93	ng	-0.01
45) 2-Fluorobiphenyl	13.281	172	294756	44.79	ng	0.00
79) Terphenyl-d14	19.974	244	311430	46.22	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.104	163	14245	2.10	ng	99
75) Fluoranthene	19.416	202	26259	2.35	ng	95
78) Pyrene	19.780	202	23018	2.64	ng	99
88) Benzo(b)fluoranthene	23.104	252	23170	2.71	ng	# 87
89) Benzo(k)fluoranthene	23.104	252	23170	2.78	ng	# 87

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

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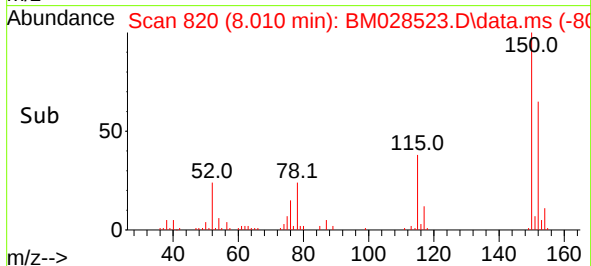
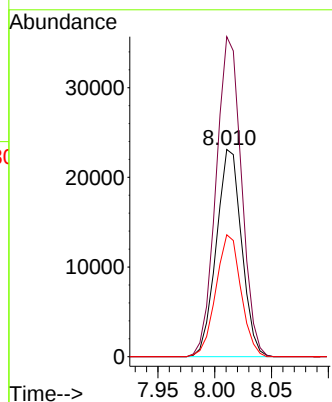
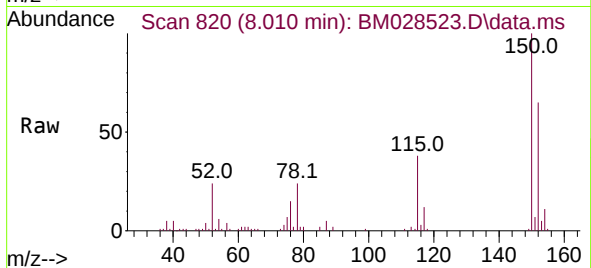




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.010 min Scan# 820
Delta R.T. -0.006 min
Lab File: BM028523.D
Acq: 22 Jan 2021 18:04

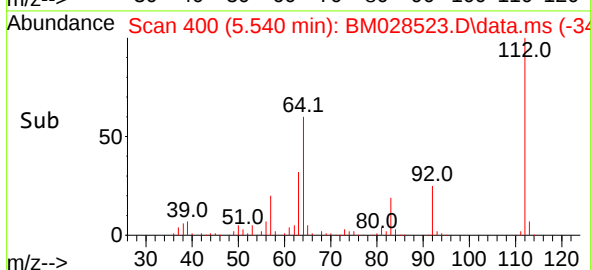
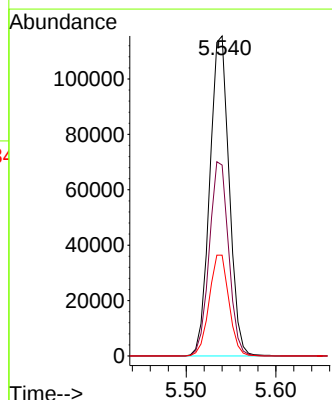
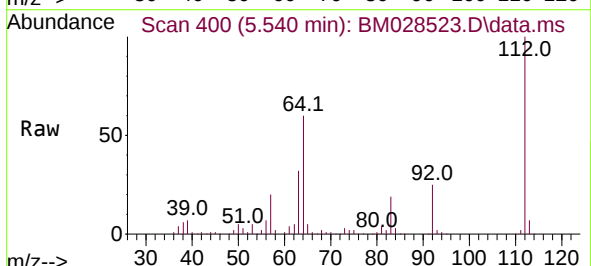
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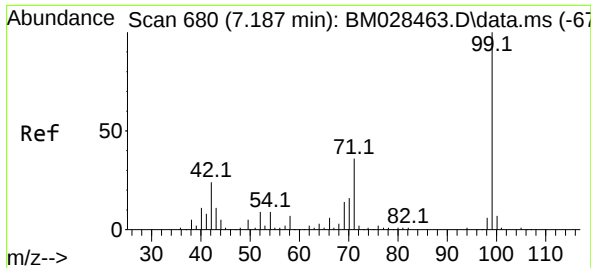
Tgt Ion:152 Resp: 35790
Ion Ratio Lower Upper
152 100
150 154.4 120.6 181.0
115 58.8 47.2 70.8



#5
2-Fluorophenol
Concen: 76.36 ng
RT: 5.540 min Scan# 400
Delta R.T. 0.000 min
Lab File: BM028523.D
Acq: 22 Jan 2021 18:04

Tgt Ion:112 Resp: 172999
Ion Ratio Lower Upper
112 100
64 59.6 50.6 76.0
63 31.5 31.0 46.6

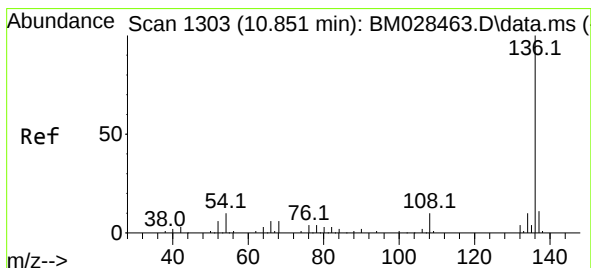
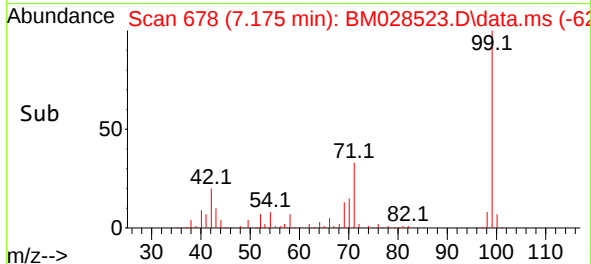
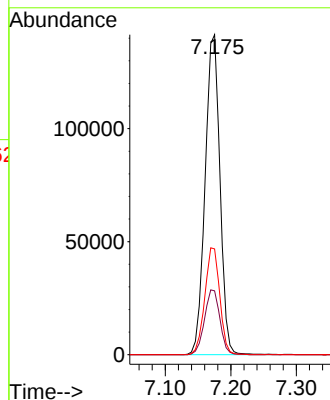
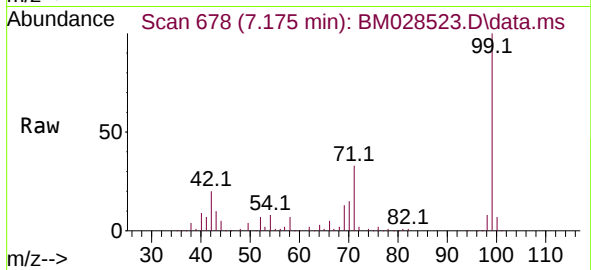




#7
Phenol-d6
Concen: 72.45 ng
RT: 7.175 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM028523.D
Acq: 22 Jan 2021 18:04

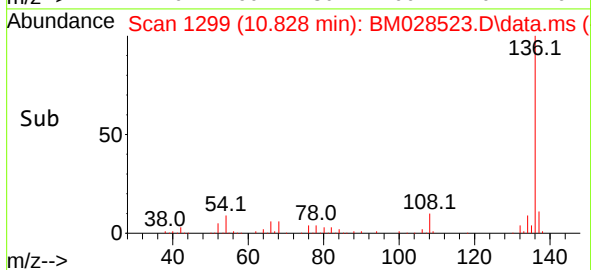
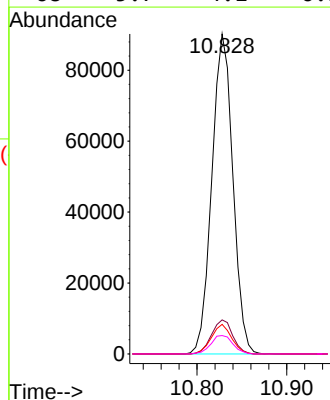
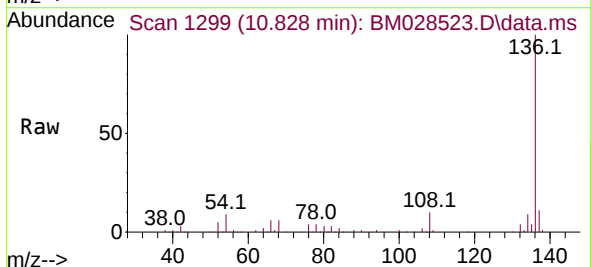
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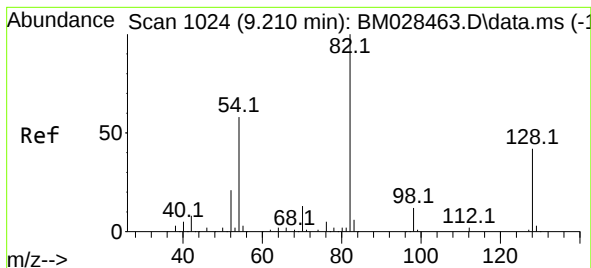
Tgt Ion: 99 Resp: 223497
Ion Ratio Lower Upper
99 100
42 20.0 13.5 20.3
71 33.1 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.828 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BM028523.D
Acq: 22 Jan 2021 18:04

Tgt Ion: 136 Resp: 146705
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.2 4.6 7.0#
68 5.7 4.1 6.1

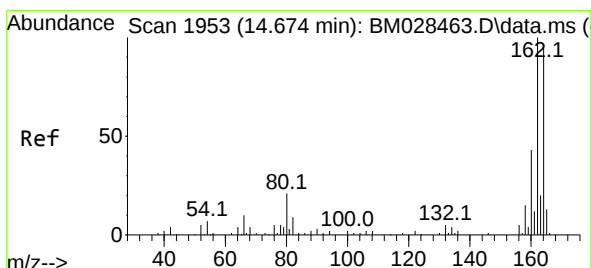
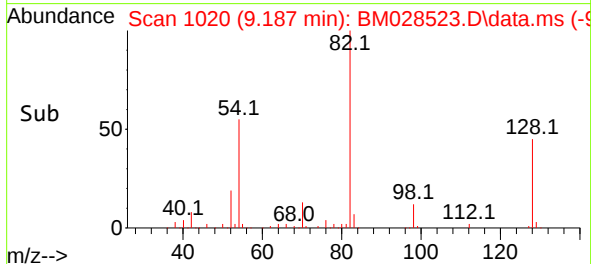
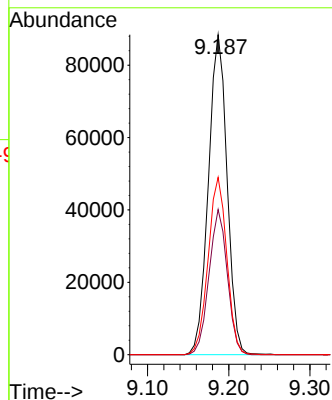
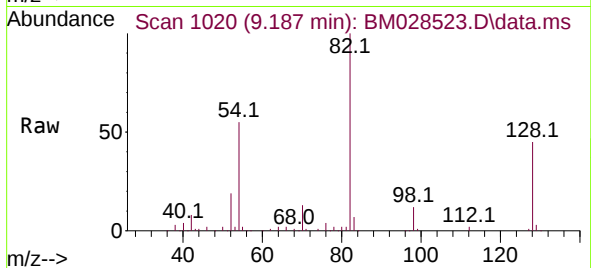




#23
Nitrobenzene-d5
Concen: 45.70 ng
RT: 9.187 min Scan# 1020
Delta R.T. -0.011 min
Lab File: BM028523.D
Acq: 22 Jan 2021 18:04

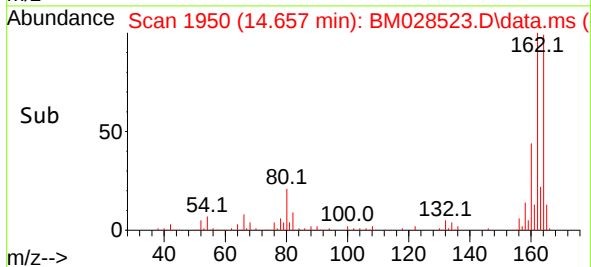
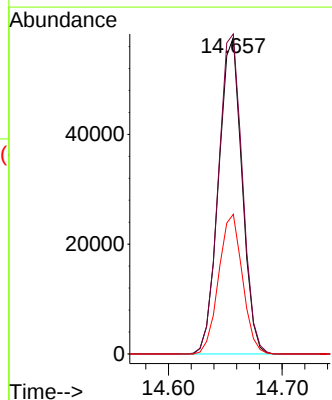
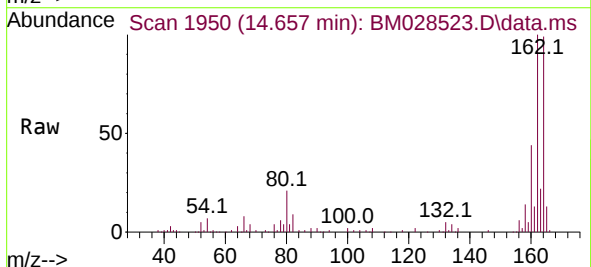
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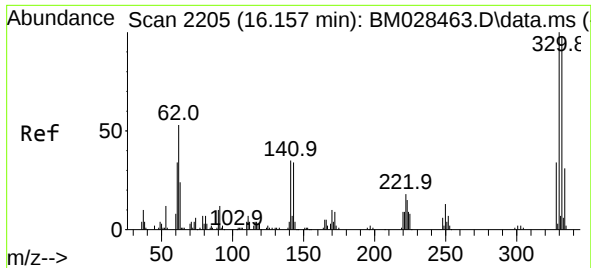
Tgt Ion: 82 Resp: 141360
Ion Ratio Lower Upper
82 100
128 45.3 27.4 41.0#
54 55.4 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.657 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM028523.D
Acq: 22 Jan 2021 18:04

Tgt Ion:164 Resp: 82562
Ion Ratio Lower Upper
164 100
162 101.1 80.4 120.6
160 44.2 35.9 53.9

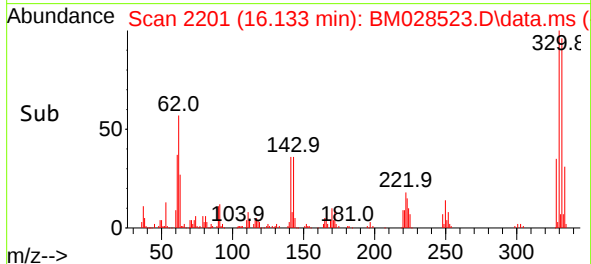
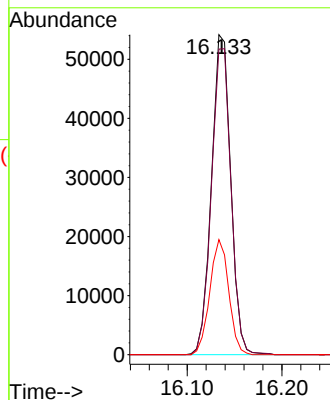
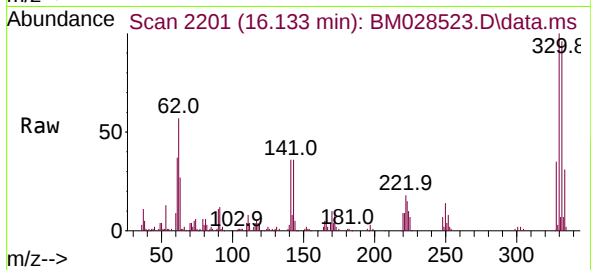




#42
2,4,6-Tribromophenol
Concen: 69.93 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.011 min
Lab File: BM028523.D
Acq: 22 Jan 2021 18:04

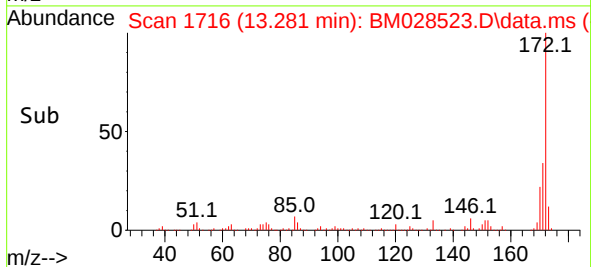
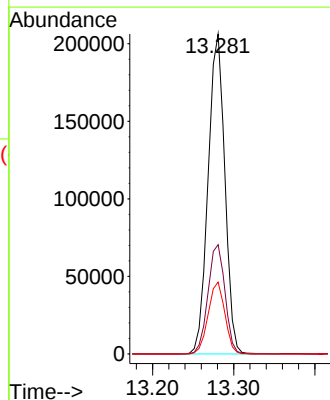
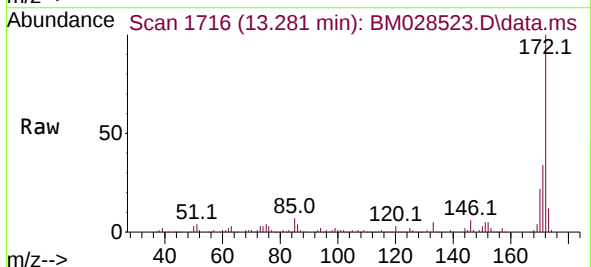
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ClientSampleId :
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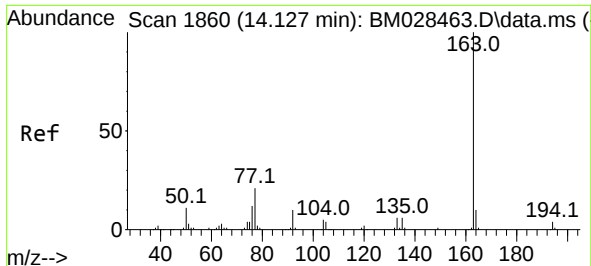
Tgt Ion:330 Resp: 76497
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 35.3 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 44.79 ng
RT: 13.281 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BM028523.D
Acq: 22 Jan 2021 18:04

Tgt Ion:172 Resp: 294756
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 22.4 18.6 27.8

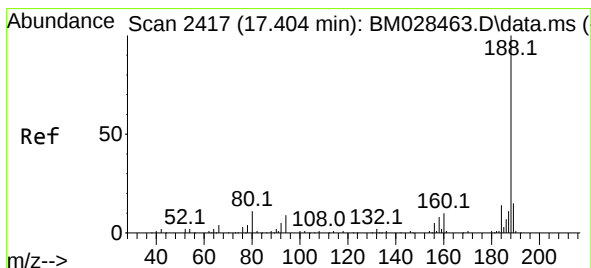
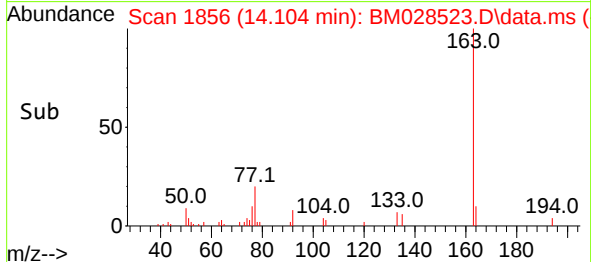
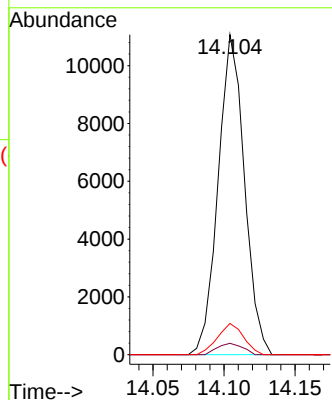
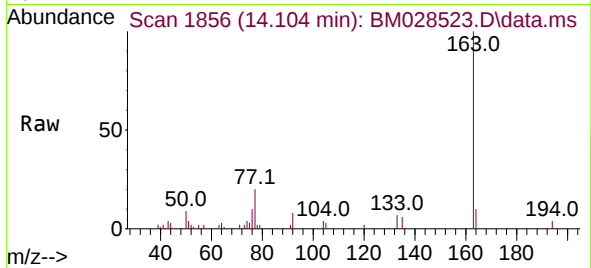




#50
Dimethylphthalate
Concen: 2.10 ng
RT: 14.104 min Scan# 1856
Delta R.T. -0.011 min
Lab File: BM028523.D
Acq: 22 Jan 2021 18:04

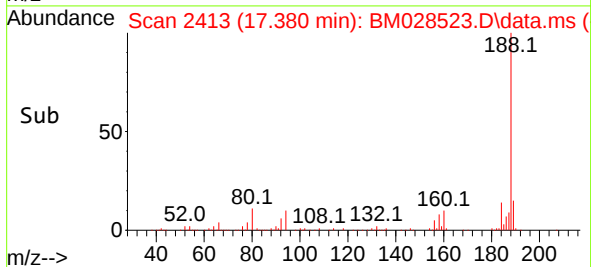
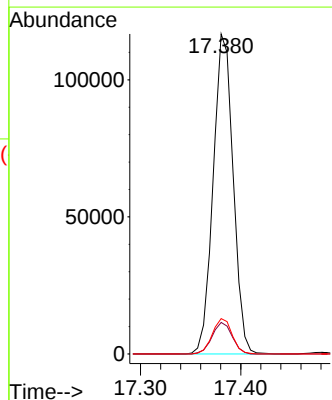
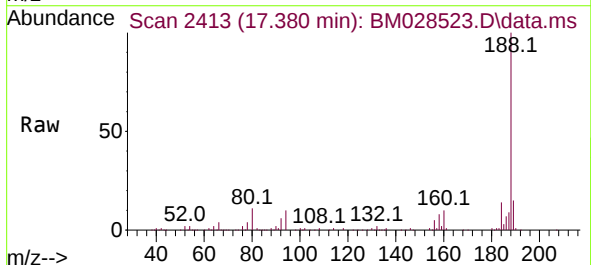
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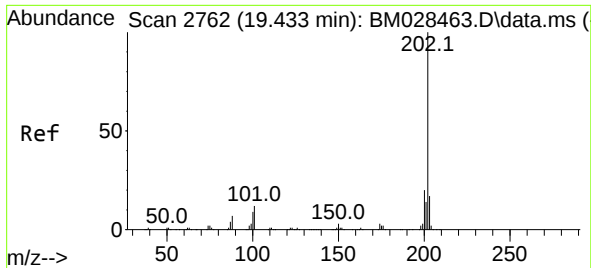
Tgt Ion:163 Resp: 14245
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.2
164 9.8 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.380 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM028523.D
Acq: 22 Jan 2021 18:04

Tgt Ion:188 Resp: 161577
Ion Ratio Lower Upper
188 100
94 9.8 6.2 9.4#
80 11.0 7.5 11.3

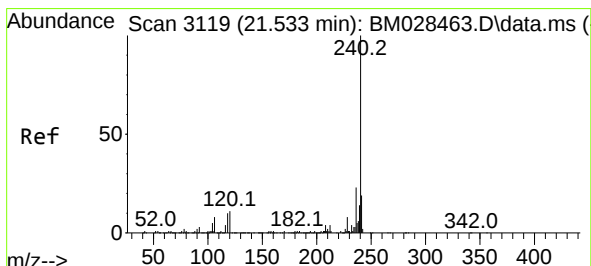
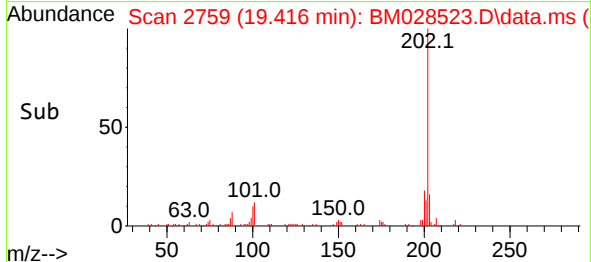
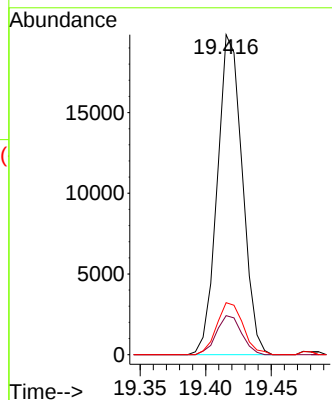
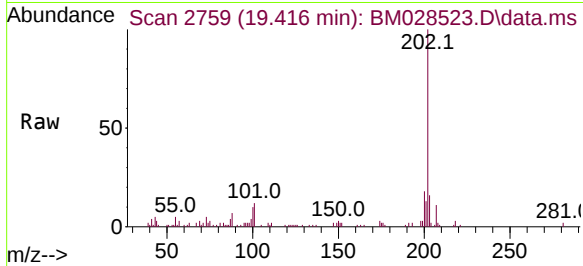




#75
Fluoranthene
Concen: 2.35 ng
RT: 19.416 min Scan# 2759
Delta R.T. -0.006 min
Lab File: BM028523.D
Acq: 22 Jan 2021 18:04

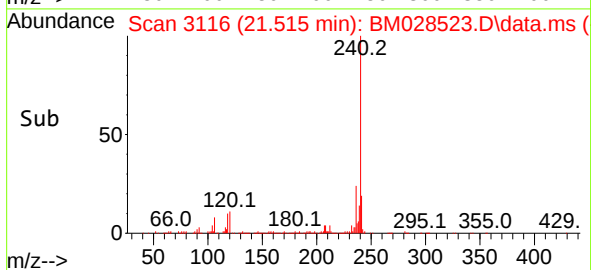
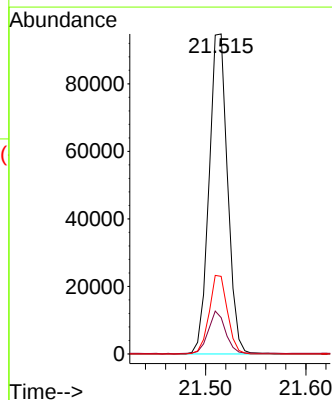
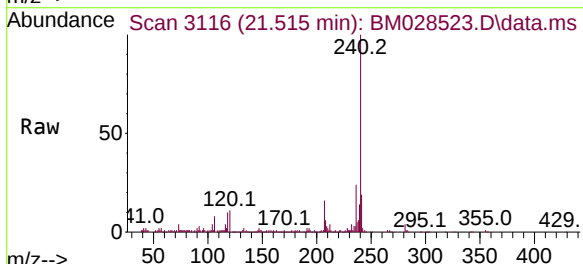
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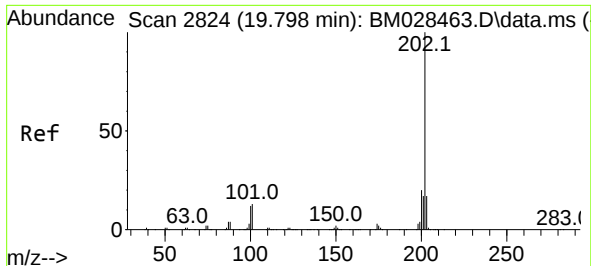
Tgt Ion:202	Resp:	26259
Ion Ratio	Lower	Upper
202	100	
101	12.2	0.0 28.5
203	16.2	0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.515 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BM028523.D
Acq: 22 Jan 2021 18:04

Tgt Ion:240	Resp:	121672
Ion Ratio	Lower	Upper
240	100	
120	11.3	6.4 9.6#
236	24.3	20.1 30.1

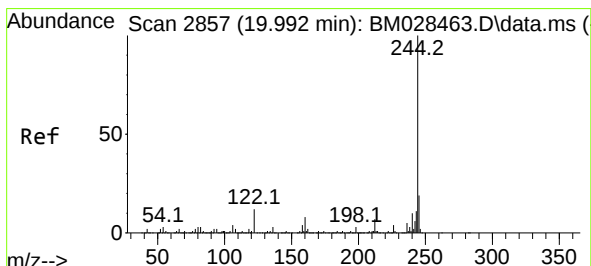
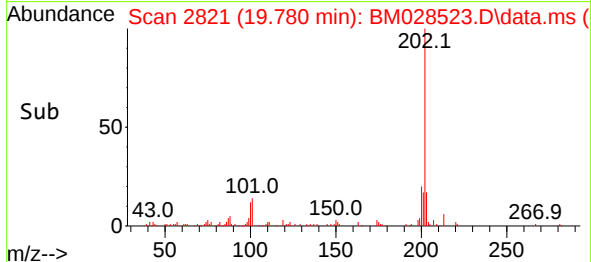
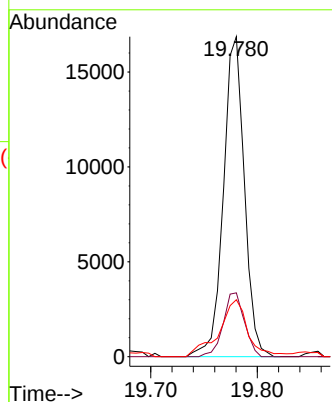
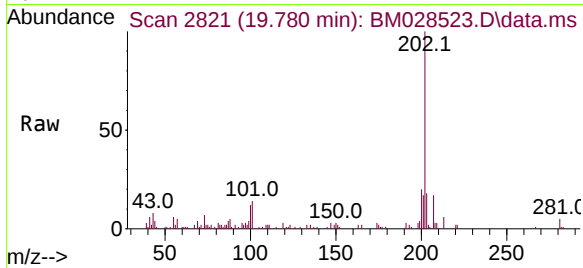




#78
Pyrene
Concen: 2.64 ng
RT: 19.780 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM028523.D
Acq: 22 Jan 2021 18:04

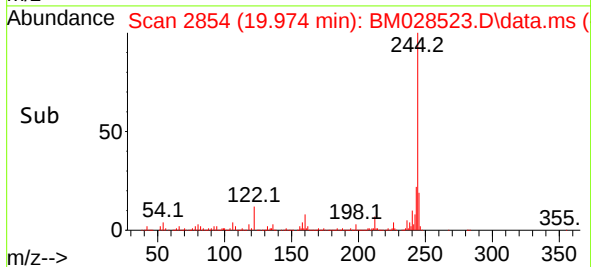
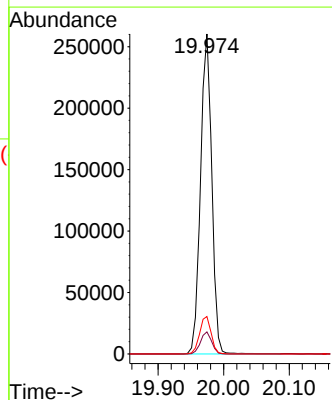
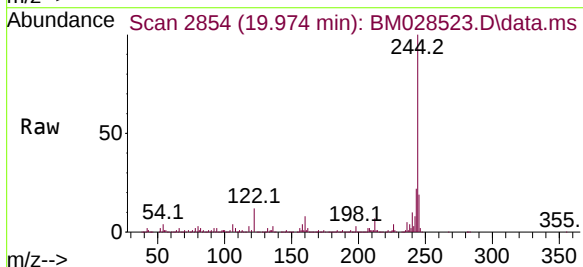
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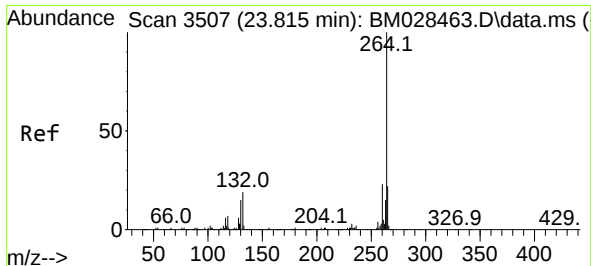
Tgt Ion:	202	Resp:	23018
Ion Ratio	Lower	Upper	
202	100		
200	20.0	16.6	24.8
203	17.8	13.8	20.6



#79
Terphenyl-d14
Concen: 46.22 ng
RT: 19.974 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BM028523.D
Acq: 22 Jan 2021 18:04

Tgt Ion:	244	Resp:	311430
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.8	8.8
122	11.7	6.5	9.7#

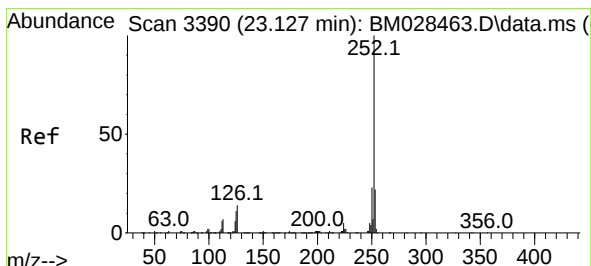
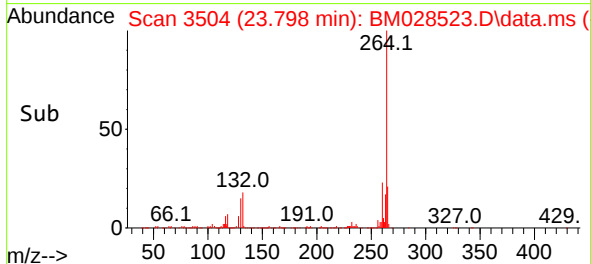
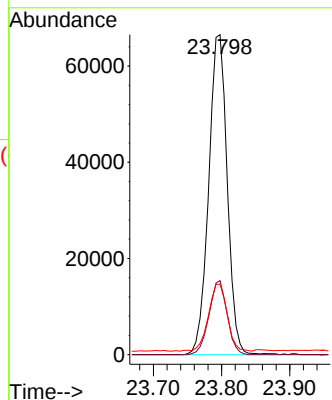
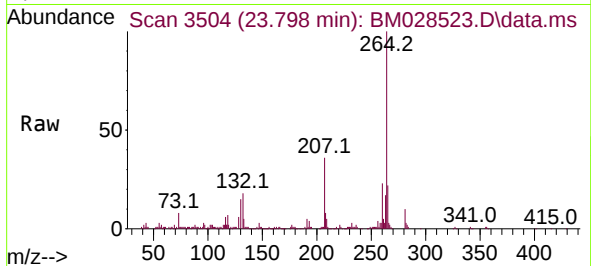




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.798 min Scan# 3504
Delta R.T. 0.000 min
Lab File: BM028523.D
Acq: 22 Jan 2021 18:04

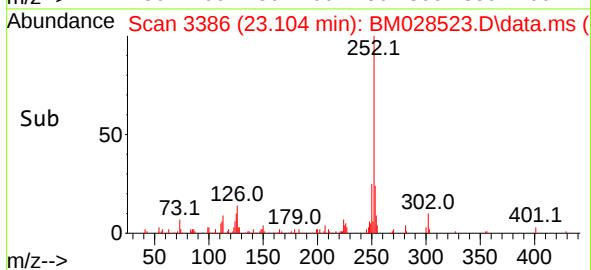
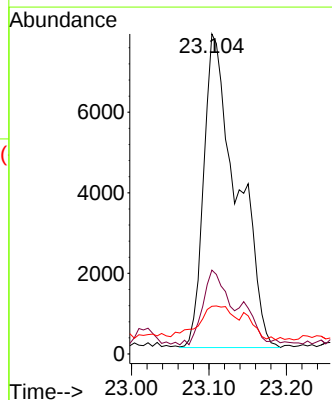
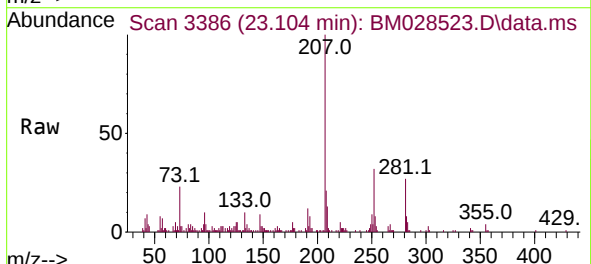
Instrument :
BNA_M
ClientSampleId :
TP-SWITCH-GEAR

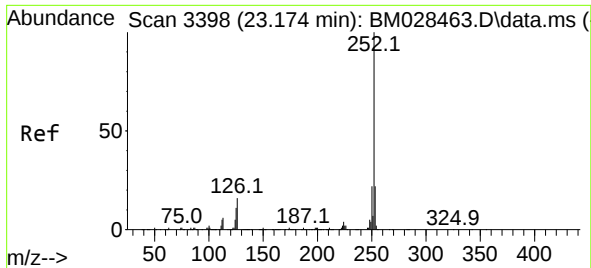
Tgt Ion:264 Resp: 125789
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 22.1 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 2.71 ng
RT: 23.104 min Scan# 3386
Delta R.T. -0.006 min
Lab File: BM028523.D
Acq: 22 Jan 2021 18:04

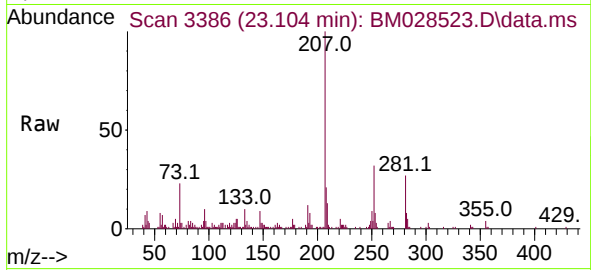
Tgt Ion:252 Resp: 23170
Ion Ratio Lower Upper
252 100
253 26.2 17.4 26.0#
125 14.9 5.7 8.5#





#89
Benzo(k)fluoranthene
Concen: 2.78 ng
RT: 23.104 min Scan# 3386
Delta R.T. -0.053 min
Lab File: BM028523.D
Acq: 22 Jan 2021 18:04

Instrument :
BNA_M
ClientSampleId :
TP-SWITCH-GEAR



Tgt Ion:	252	Resp:	23170
Ion Ratio	Lower	Upper	
252	100		
253	26.2	17.4	26.0#
125	14.9	5.6	8.4#

