

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012221\
 Data File : BM028525.D
 Acq On : 22 Jan 2021 19:17
 Operator : CG/JU
 Sample : M1206-01 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-SF-03-009-A

Quant Time: Jan 22 22:22:10 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)

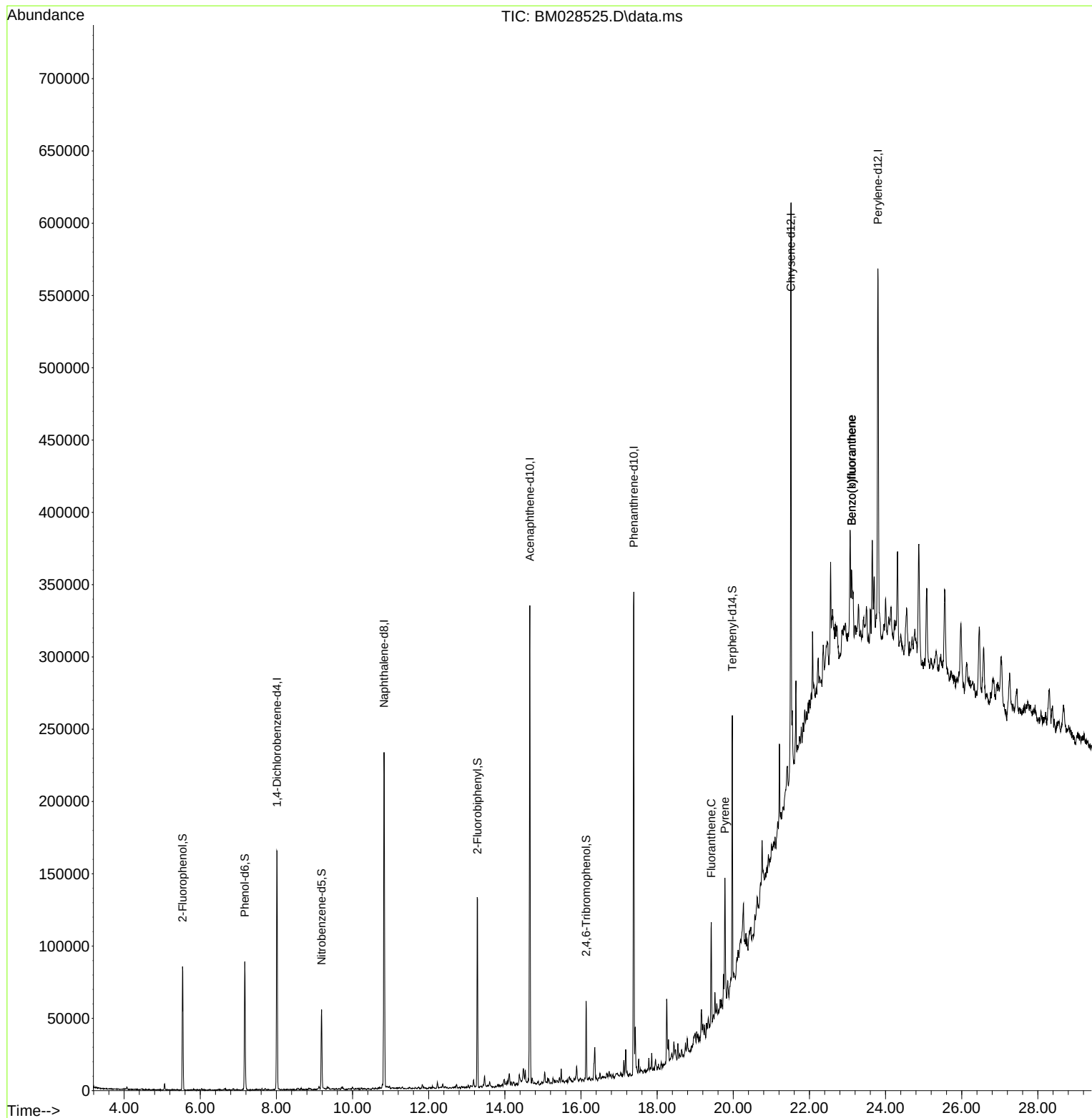
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	45141	20.00	ng	0.00
21) Naphthalene-d8	10.828	136	187805	20.00	ng	# 0.00
39) Acenaphthene-d10	14.657	164	104734	20.00	ng	0.00
64) Phenanthrene-d10	17.386	188	190678	20.00	ng	# 0.00
76) Chrysene-d12	21.515	240	168583	20.00	ng	# 0.00
86) Perylene-d12	23.797	264	177413	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	35640	12.47	ng	0.00
7) Phenol-d6	7.169	99	47952	12.32	ng	-0.01
23) Nitrobenzene-d5	9.187	82	29502	7.45	ng	-0.01
42) 2,4,6-Tribromophenol	16.133	330	9044	6.52	ng	-0.01
45) 2-Fluorobiphenyl	13.280	172	66389	7.95	ng	0.00
79) Terphenyl-d14	19.974	244	75557	8.09	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	19.421	202	39020	2.96	ng	95
78) Pyrene	19.780	202	35782	2.96	ng	97
88) Benzo(b)fluoranthene	23.109	252	25268	2.10	ng	# 67
89) Benzo(k)fluoranthene	23.109	252	25268	2.15	ng	# 67

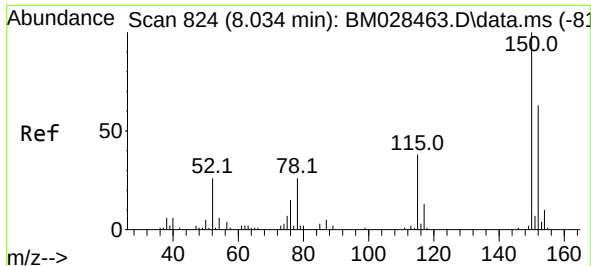
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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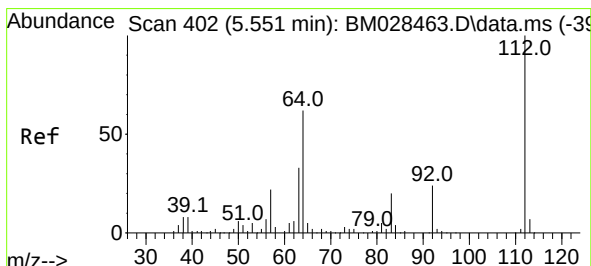
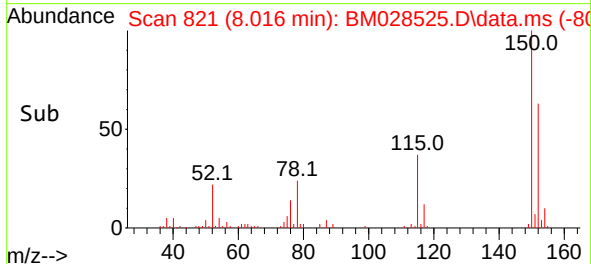
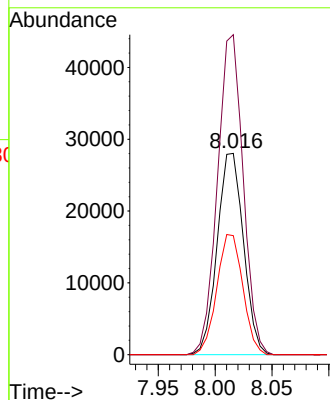
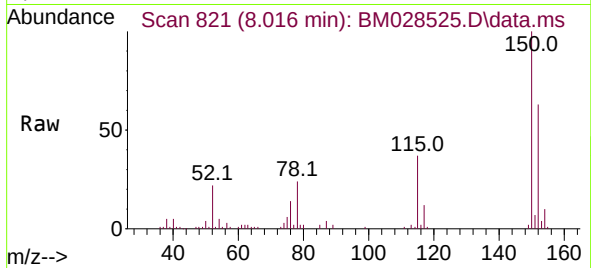




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.016 min Scan# 821
Delta R.T. 0.000 min
Lab File: BM028525.D
Acq: 22 Jan 2021 19:17

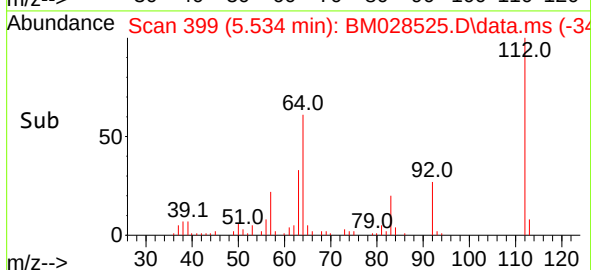
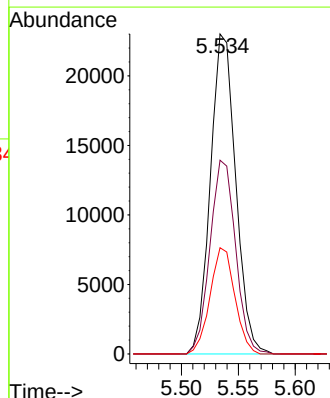
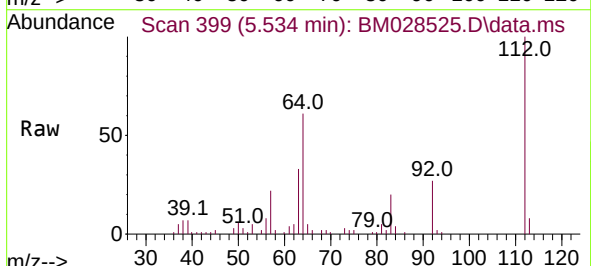
Instrument :
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ClientSampleId :
FK-SF-03-009-A

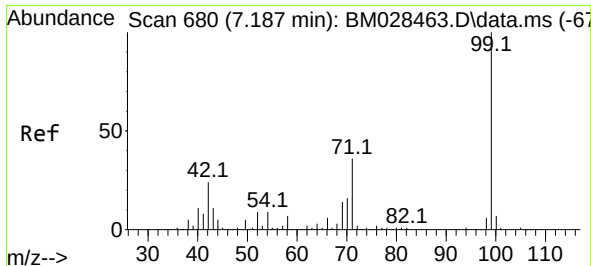
Tgt Ion:152 Resp: 45141
Ion Ratio Lower Upper
152 100
150 158.9 120.6 181.0
115 59.1 47.2 70.8



#5
2-Fluorophenol
Concen: 12.47 ng
RT: 5.534 min Scan# 399
Delta R.T. -0.006 min
Lab File: BM028525.D
Acq: 22 Jan 2021 19:17

Tgt Ion:112 Resp: 35640
Ion Ratio Lower Upper
112 100
64 60.6 50.6 76.0
63 33.2 31.0 46.6

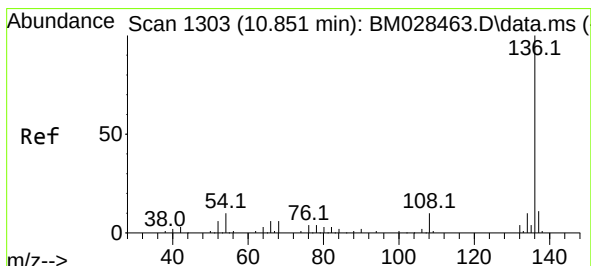
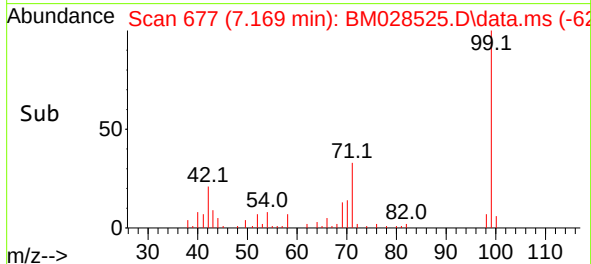
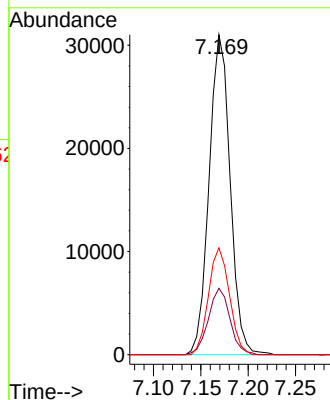
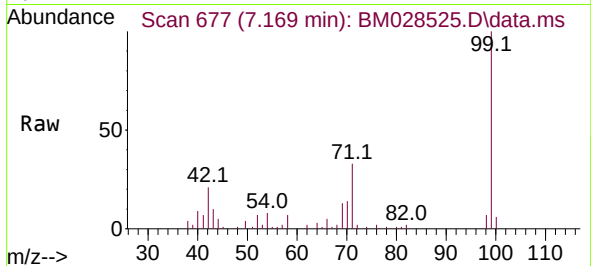




#7
Phenol-d6
Concen: 12.32 ng
RT: 7.169 min Scan# 677
Delta R.T. -0.012 min
Lab File: BM028525.D
Acq: 22 Jan 2021 19:17

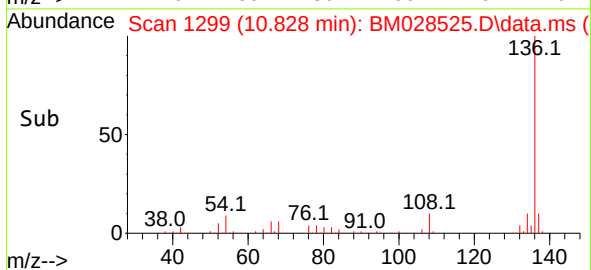
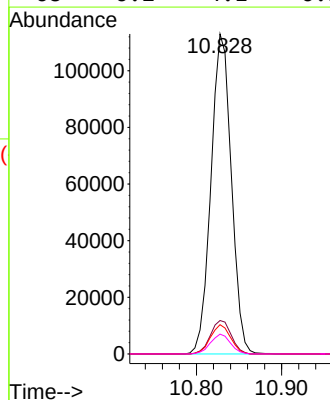
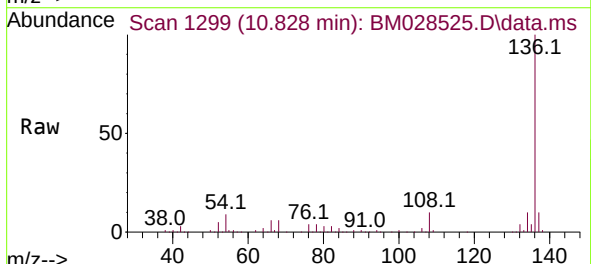
Instrument :
BNA_M
ClientSampleId :
FK-SF-03-009-A

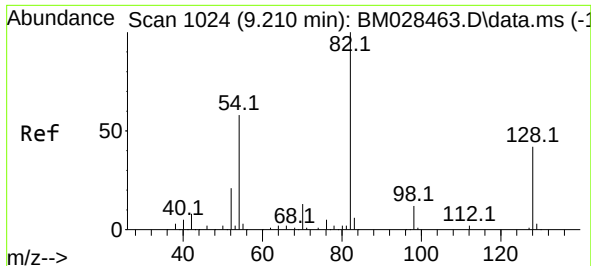
Tgt Ion:	99	Resp:	47952
Ion	Ratio	Lower	Upper
99	100		
42	20.8	13.5	20.3#
71	33.4	39.4	59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.828 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BM028525.D
Acq: 22 Jan 2021 19:17

Tgt Ion:	136	Resp:	187805
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	9.2	4.6	7.0#
68	6.2	4.1	6.1#

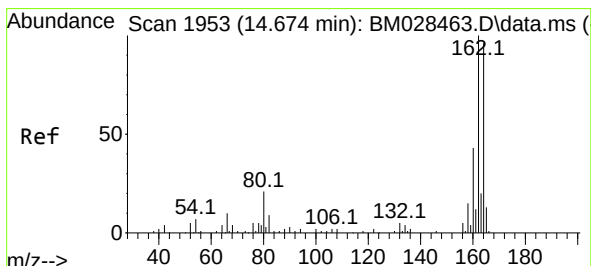
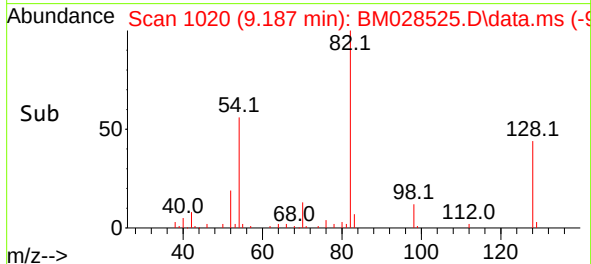
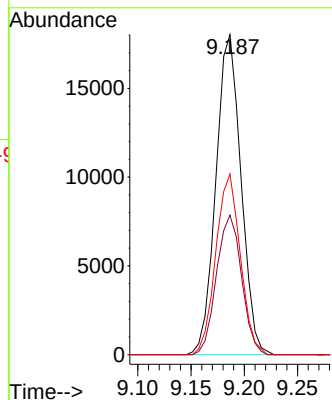
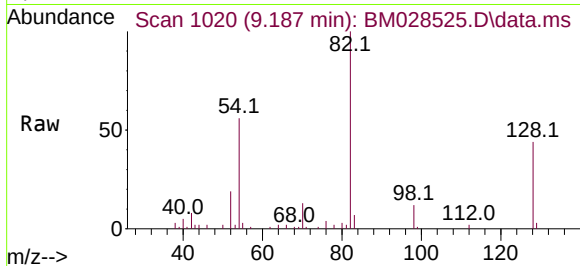




#23
Nitrobenzene-d5
Concen: 7.45 ng
RT: 9.187 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BM028525.D
Acq: 22 Jan 2021 19:17

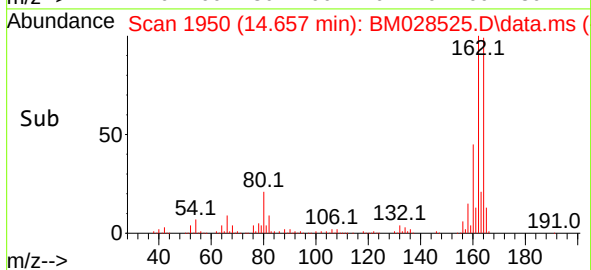
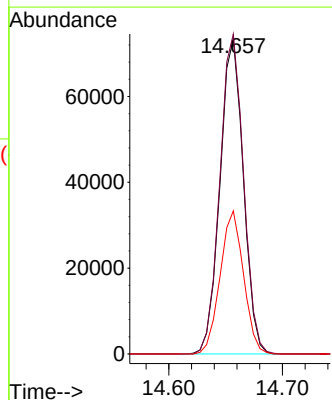
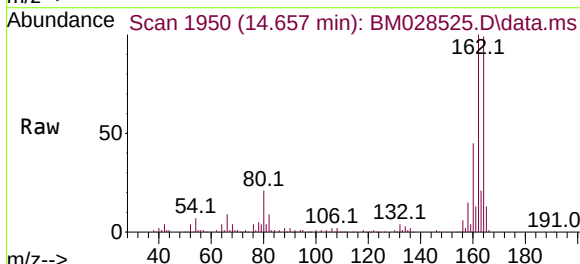
Instrument :
BNA_M
ClientSampleId :
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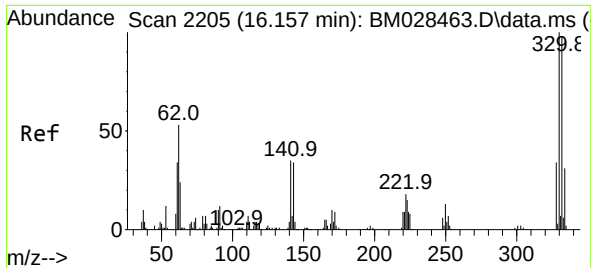
Tgt Ion: 82 Resp: 29502
Ion Ratio Lower Upper
82 100
128 43.6 27.4 41.0#
54 56.4 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.657 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM028525.D
Acq: 22 Jan 2021 19:17

Tgt Ion: 164 Resp: 104734
Ion Ratio Lower Upper
164 100
162 101.5 80.4 120.6
160 45.4 35.9 53.9

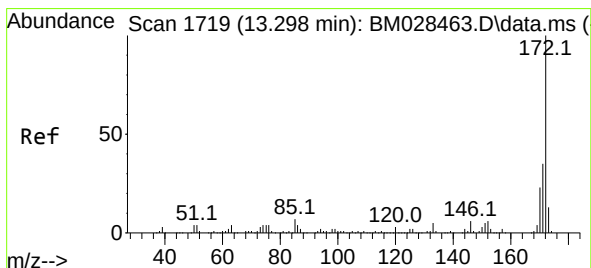
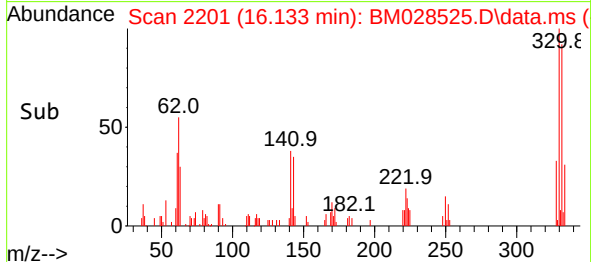
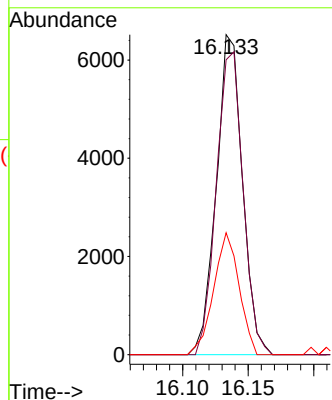
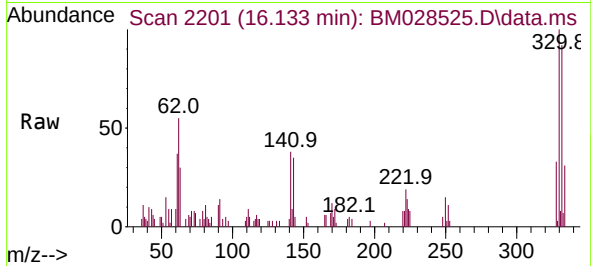




#42
2,4,6-Tribromophenol
Concen: 6.52 ng
RT: 16.133 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BM028525.D
Acq: 22 Jan 2021 19:17

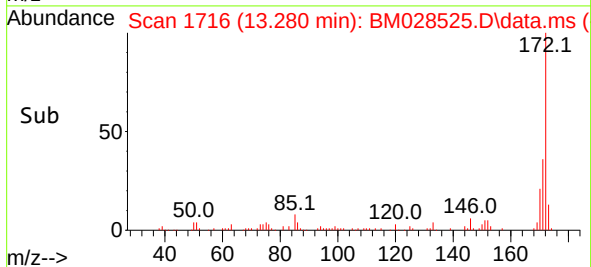
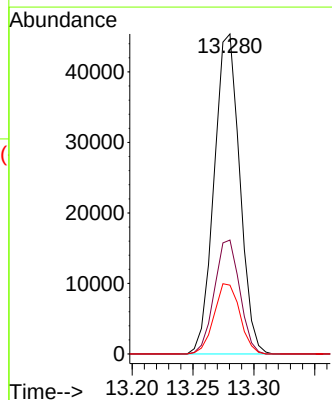
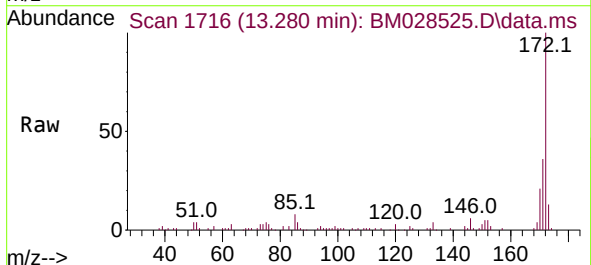
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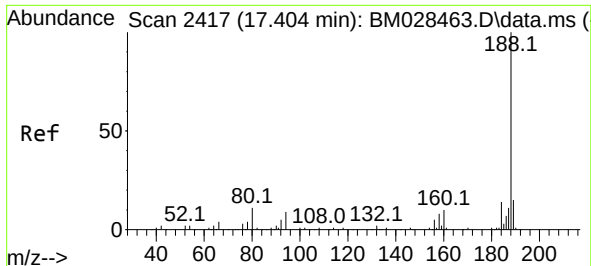
Tgt Ion:330 Resp: 9044
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 37.0 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 7.95 ng
RT: 13.280 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BM028525.D
Acq: 22 Jan 2021 19:17

Tgt Ion:172 Resp: 66389
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.8
170 21.5 18.6 27.8

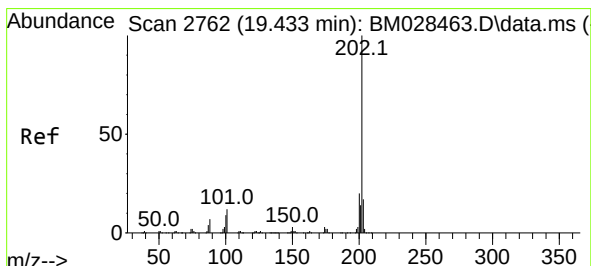
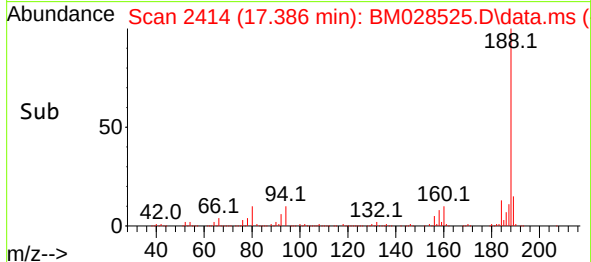
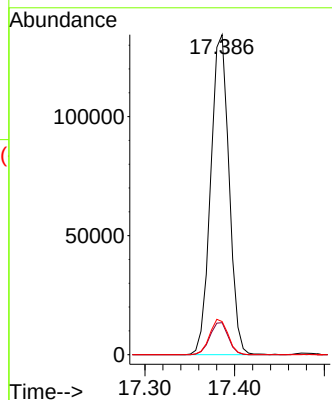
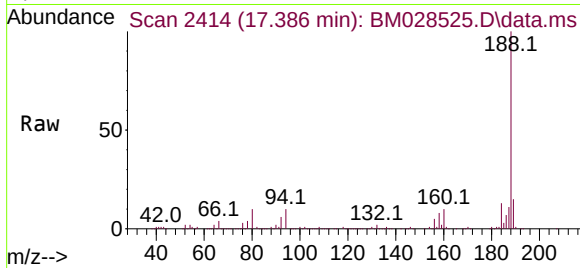




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.386 min Scan# 2414
Delta R.T. 0.000 min
Lab File: BM028525.D
Acq: 22 Jan 2021 19:17

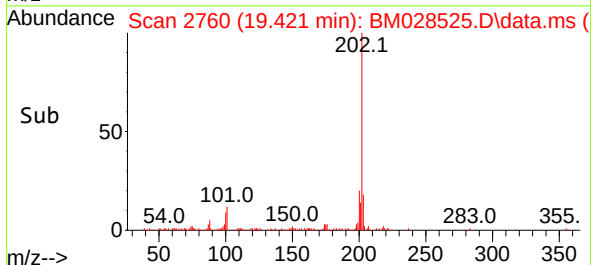
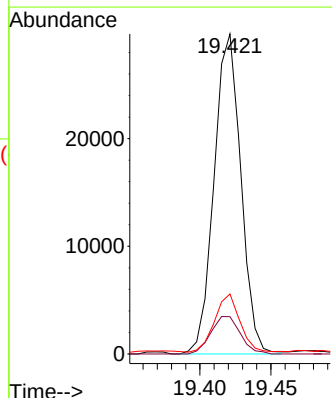
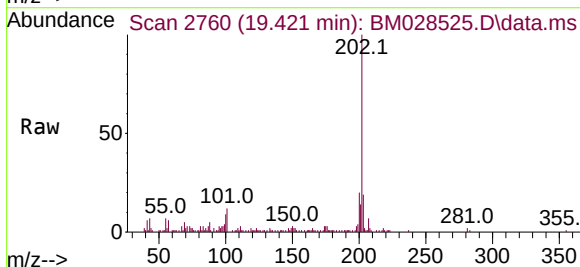
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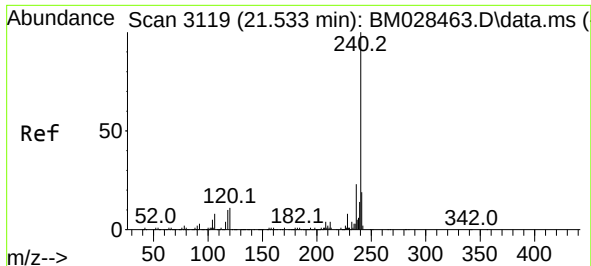
Tgt Ion:188 Resp: 190678
Ion Ratio Lower Upper
188 100
94 10.0 6.2 9.4#
80 10.4 7.5 11.3



#75
Fluoranthene
Concen: 2.96 ng
RT: 19.421 min Scan# 2760
Delta R.T. 0.000 min
Lab File: BM028525.D
Acq: 22 Jan 2021 19:17

Tgt Ion:202 Resp: 39020
Ion Ratio Lower Upper
202 100
101 11.7 0.0 28.5
203 18.7 0.0 37.3

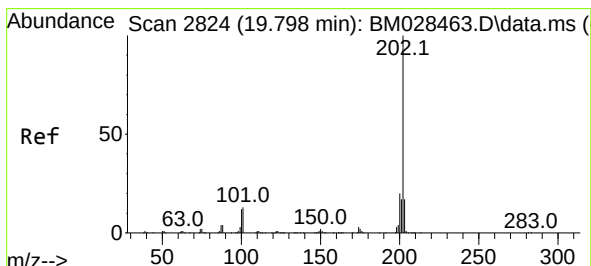
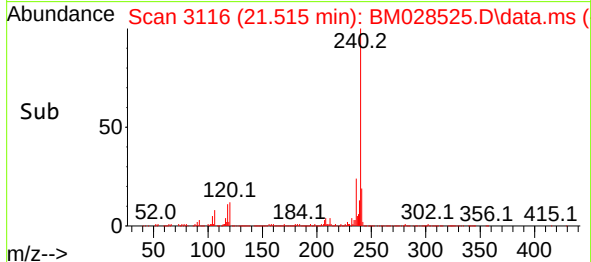
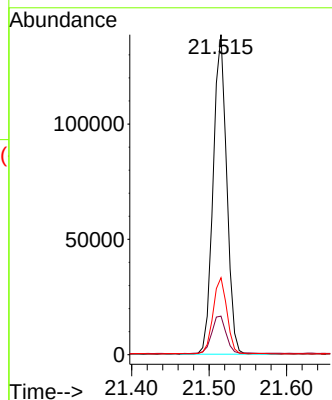
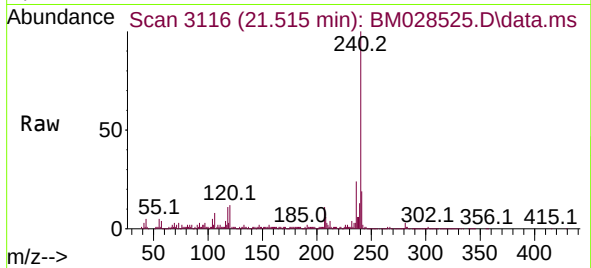




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.515 min Scan# 3116
Delta R.T. 0.000 min
Lab File: BM028525.D
Acq: 22 Jan 2021 19:17

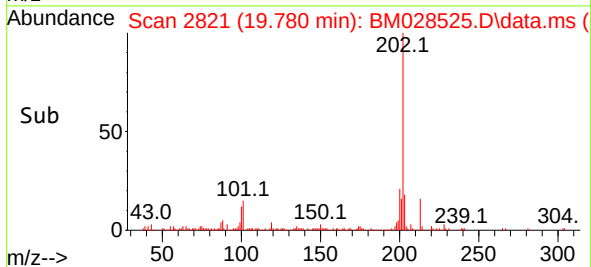
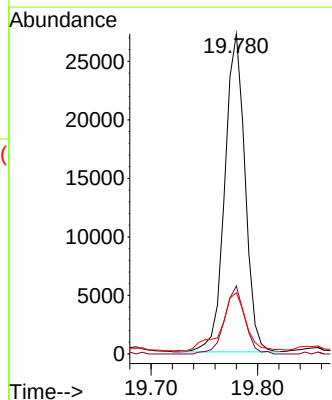
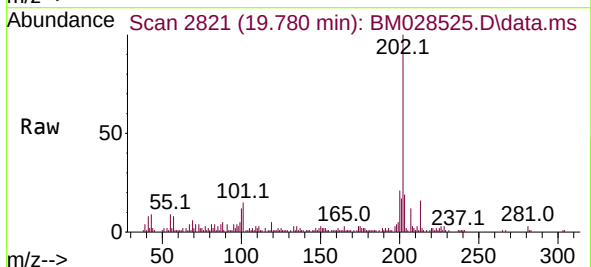
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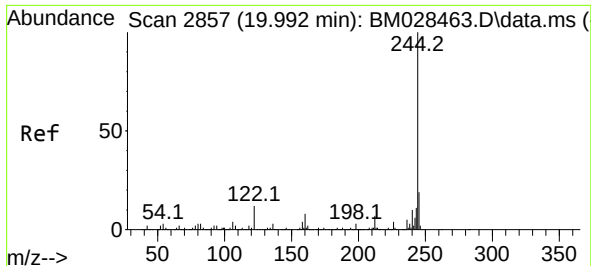
Tgt Ion:240 Resp: 168583
Ion Ratio Lower Upper
240 100
120 12.1 6.4 9.6#
236 24.0 20.1 30.1



#78
Pyrene
Concen: 2.96 ng
RT: 19.780 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BM028525.D
Acq: 22 Jan 2021 19:17

Tgt Ion:202 Resp: 35782
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 19.1 13.8 20.6

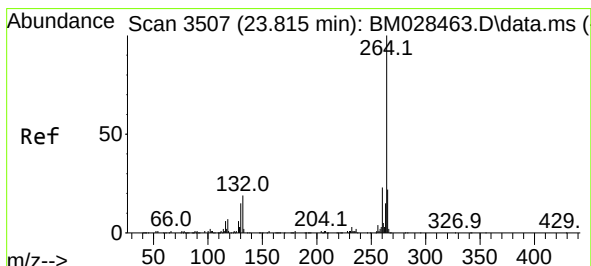
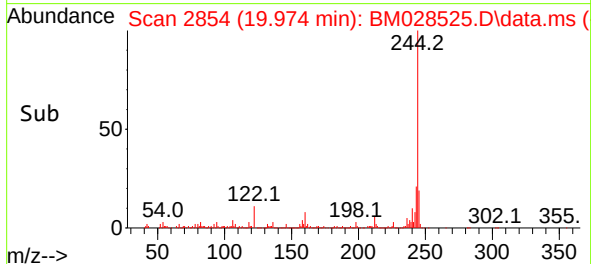
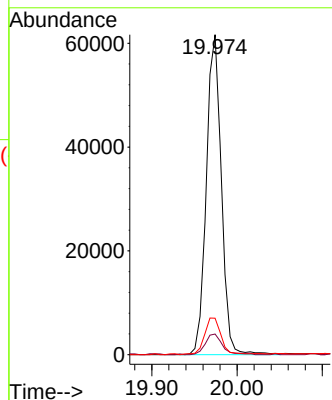
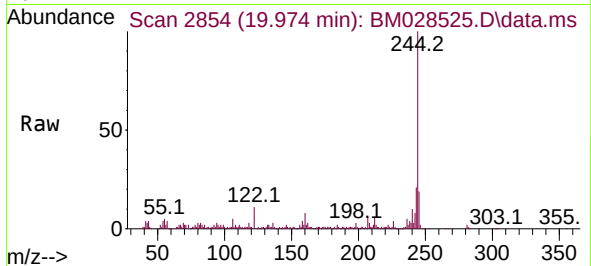




#79
Terphenyl-d14
Concen: 8.09 ng
RT: 19.974 min Scan# 2854
Delta R.T. -0.006 min
Lab File: BM028525.D
Acq: 22 Jan 2021 19:17

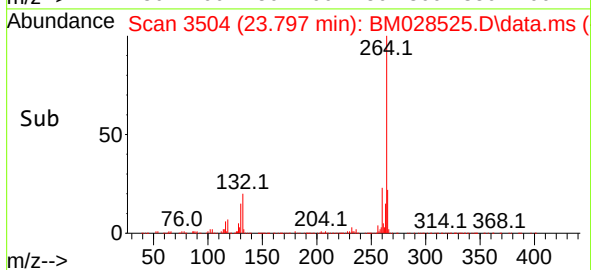
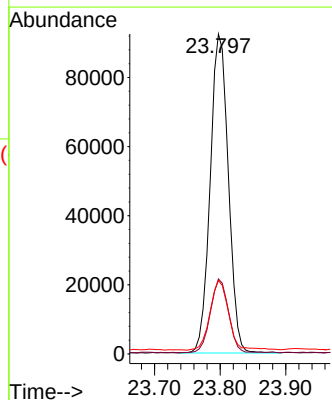
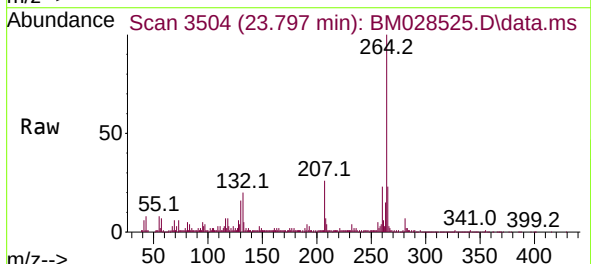
Instrument :
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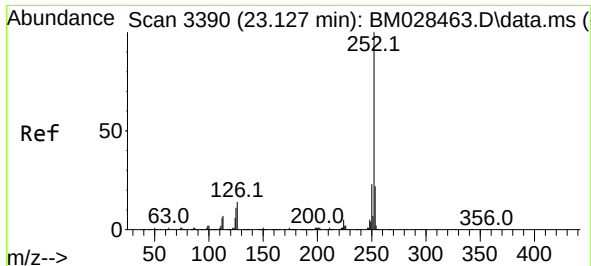
Tgt Ion:244 Resp: 75557
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.8
122 11.4 6.5 9.7#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.797 min Scan# 3504
Delta R.T. 0.000 min
Lab File: BM028525.D
Acq: 22 Jan 2021 19:17

Tgt Ion:264 Resp: 177413
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 22.9 17.7 26.5

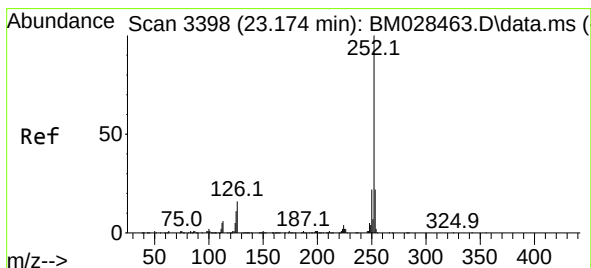
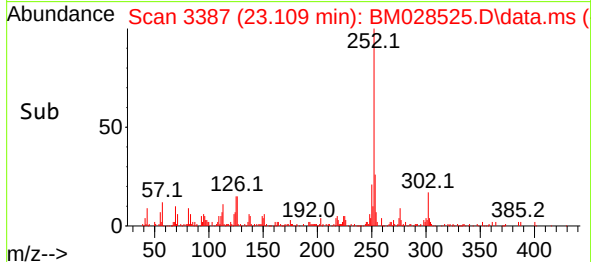
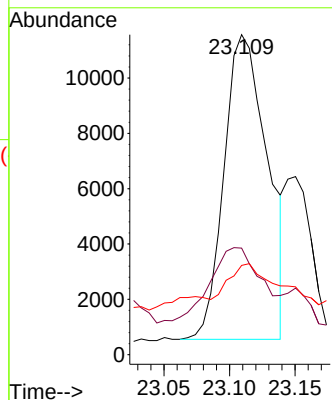
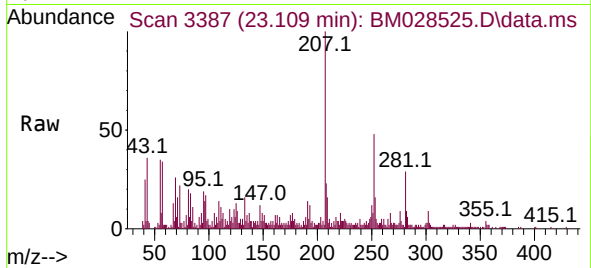




#88
Benzo(b)fluoranthene
Concen: 2.10 ng
RT: 23.109 min Scan# 3387
Delta R.T. 0.000 min
Lab File: BM028525.D
Acq: 22 Jan 2021 19:17

Instrument :
BNA_M
ClientSampleId :
FK-SF-03-009-A

Tgt Ion:252 Resp: 25268
Ion Ratio Lower Upper
252 100
253 33.3 17.4 26.0#
125 27.9 5.7 8.5#



#89
Benzo(k)fluoranthene
Concen: 2.15 ng
RT: 23.109 min Scan# 3387
Delta R.T. -0.047 min
Lab File: BM028525.D
Acq: 22 Jan 2021 19:17

Tgt Ion:252 Resp: 25268
Ion Ratio Lower Upper
252 100
253 33.3 17.4 26.0#
125 27.9 5.6 8.4#

