

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
 Data File : BM028581.D
 Acq On : 27 Jan 2021 22:11
 Operator : CG/JU
 Sample : M1235-03 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-SF-SAMPLE-2

Quant Time: Jan 27 23:35:37 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)

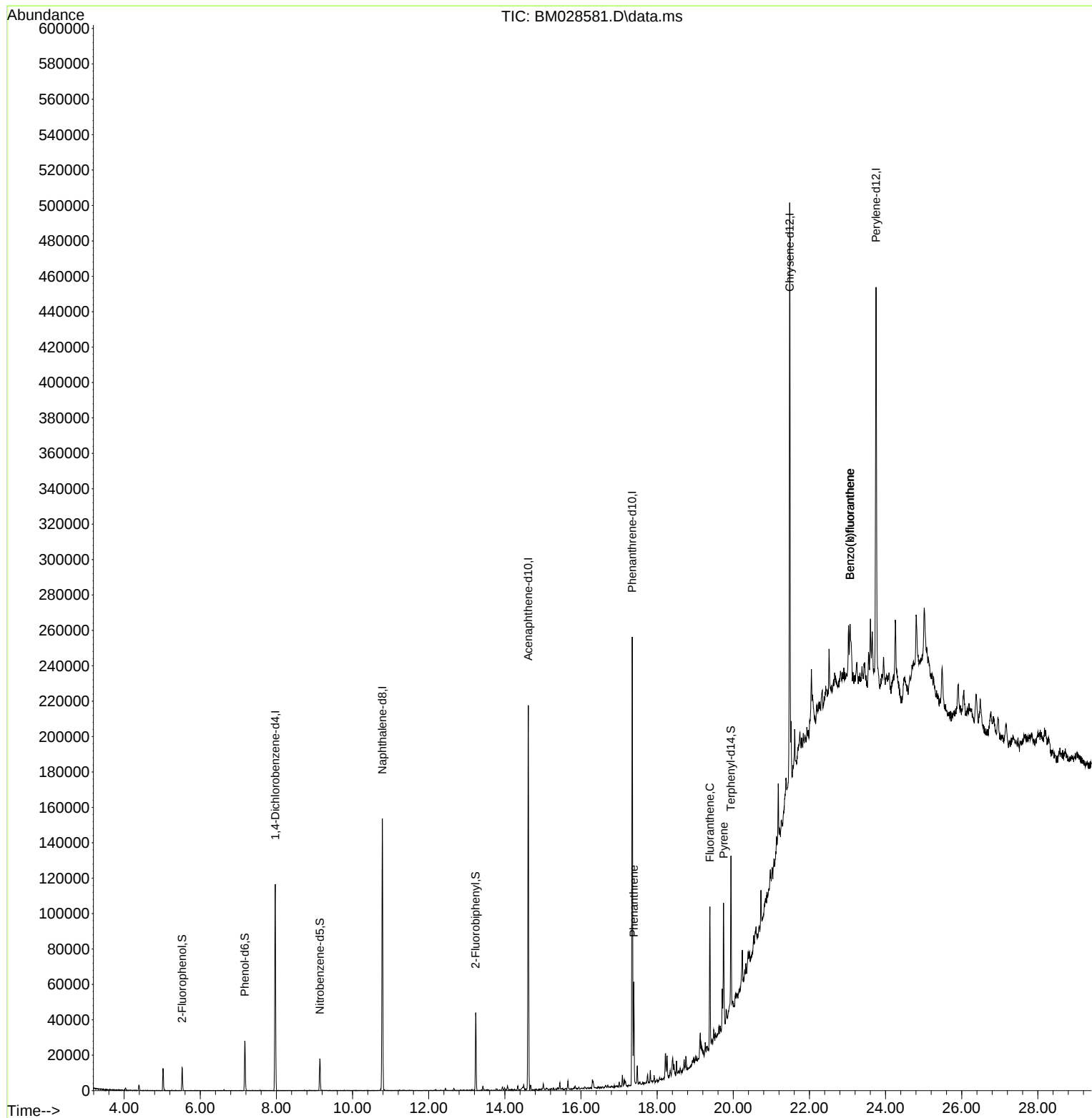
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	31348	20.00	ng	0.00
21) Naphthalene-d8	10.780	136	123561	20.00	ng	# 0.00
39) Acenaphthene-d10	14.615	164	69172	20.00	ng	0.00
64) Phenanthrene-d10	17.345	188	142874	20.00	ng	# 0.00
76) Chrysene-d12	21.480	240	140275	20.00	ng	# 0.00
86) Perylene-d12	23.750	264	145378	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	5892	2.97	ng	-0.01
7) Phenol-d6	7.169	99	15587	5.77	ng	-0.02
23) Nitrobenzene-d5	9.139	82	10117	3.88	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	60	0.07	ng	-0.01
45) 2-Fluorobiphenyl	13.233	172	23810	4.32	ng	0.00
79) Terphenyl-d14	19.939	244	32883	4.23	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.386	178	33660	3.83	ng	98
75) Fluoranthene	19.386	202	42643	4.32	ng	96
78) Pyrene	19.745	202	38361	3.81	ng	98
88) Benzo(b)fluoranthene	23.068	252	21714	2.20	ng	# 75
89) Benzo(k)fluoranthene	23.068	252	21714	2.25	ng	# 75

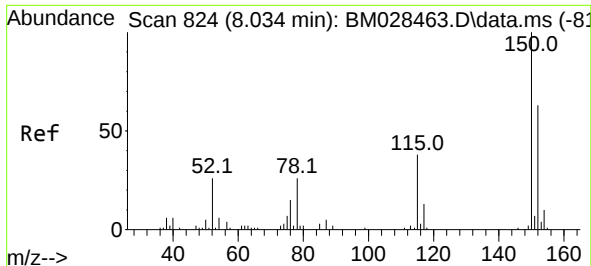
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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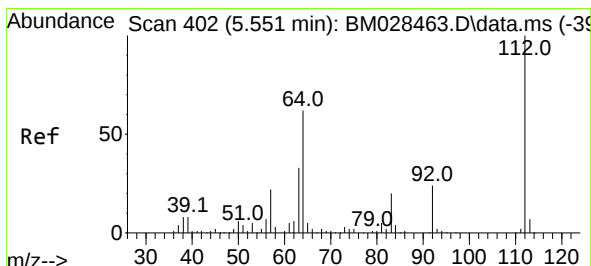
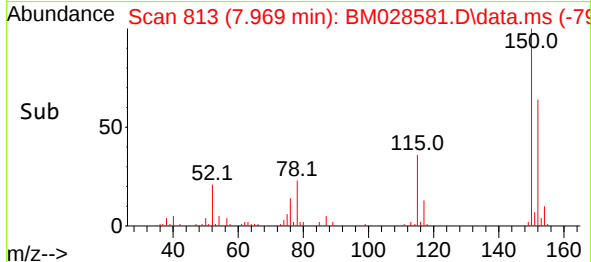
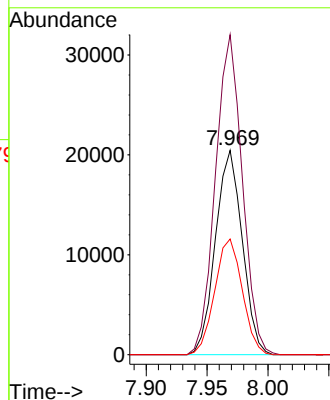
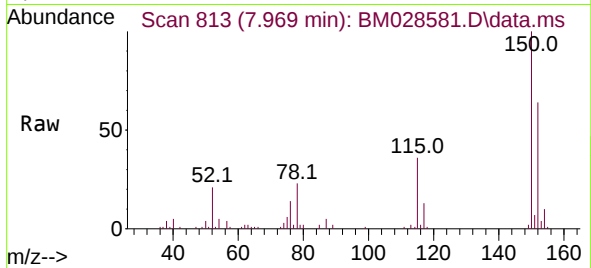




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.969 min Scan# 813
Delta R.T. -0.000 min
Lab File: BM028581.D
Acq: 27 Jan 2021 22:11

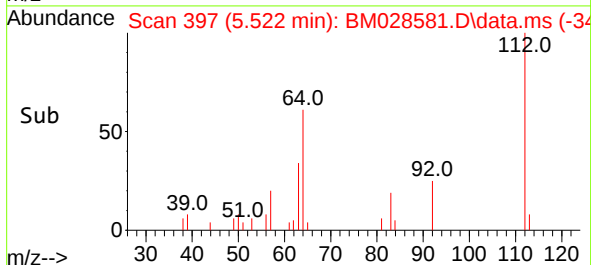
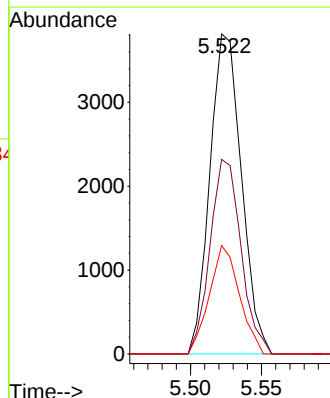
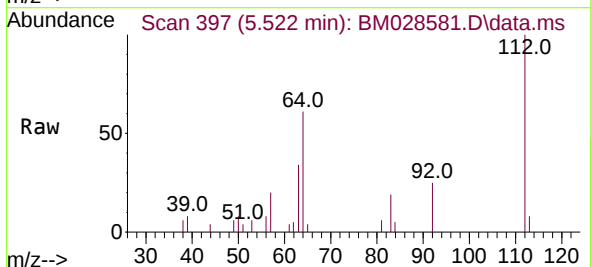
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ClientSampleId :
FK-SF-SAMPLE-2

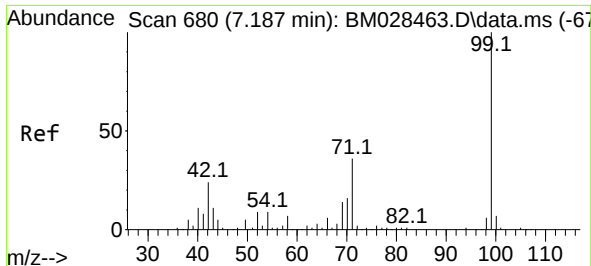
Tgt Ion:152 Resp: 31348
Ion Ratio Lower Upper
152 100
150 156.6 120.6 181.0
115 56.6 47.2 70.8



#5
2-Fluorophenol
Concen: 2.97 ng
RT: 5.522 min Scan# 397
Delta R.T. -0.012 min
Lab File: BM028581.D
Acq: 27 Jan 2021 22:11

Tgt Ion:112 Resp: 5892
Ion Ratio Lower Upper
112 100
64 60.8 50.6 76.0
63 33.9 31.0 46.6

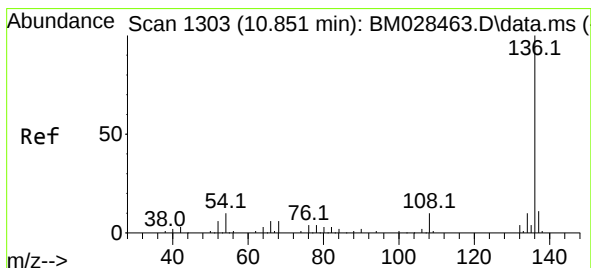
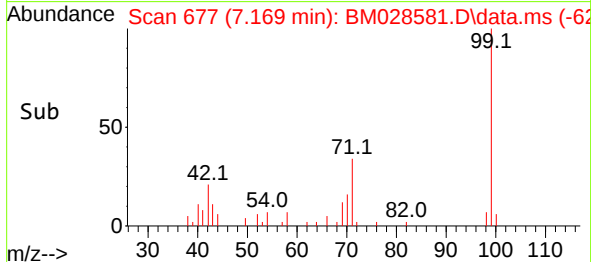
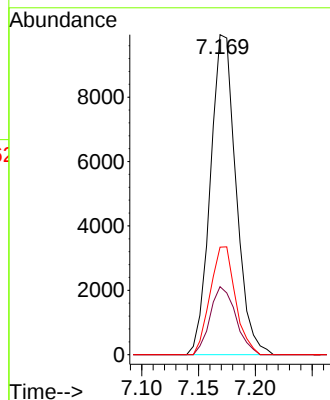
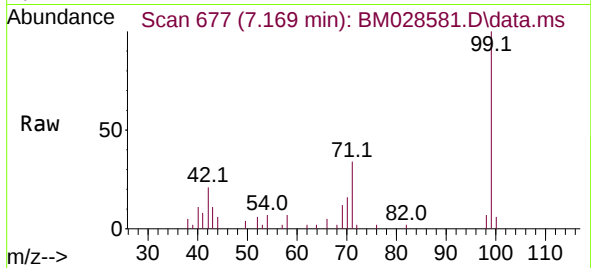




#7
Phenol-d6
Concen: 5.77 ng
RT: 7.169 min Scan# 677
Delta R.T. -0.018 min
Lab File: BM028581.D
Acq: 27 Jan 2021 22:11

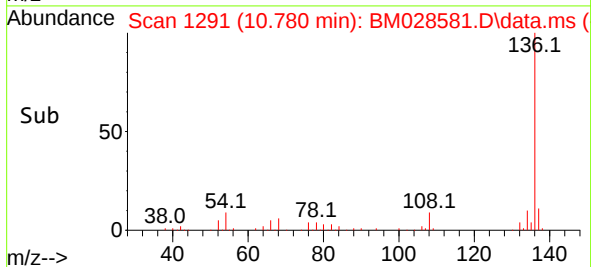
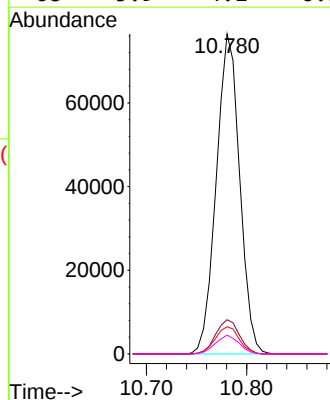
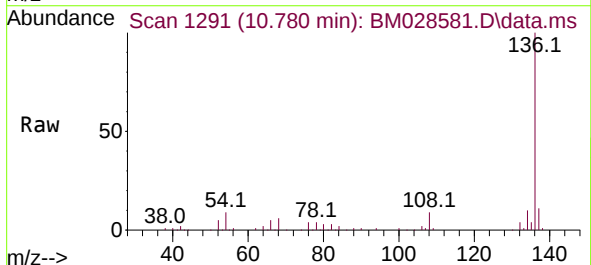
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BNA_M
ClientSampleId :
FK-SF-SAMPLE-2

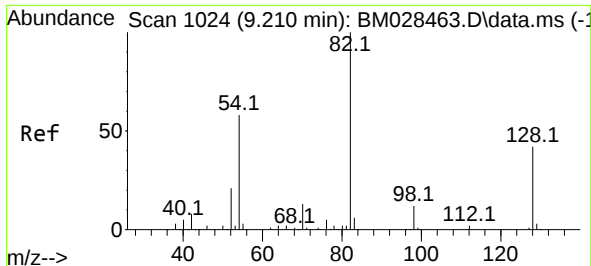
Tgt Ion:	99	Resp:	15587
Ion	Ratio	Lower	Upper
99	100		
42	21.3	13.5	20.3#
71	33.6	39.4	59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.780 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM028581.D
Acq: 27 Jan 2021 22:11

Tgt Ion:	136	Resp:	123561
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	8.5	4.6	7.0#
68	5.9	4.1	6.1

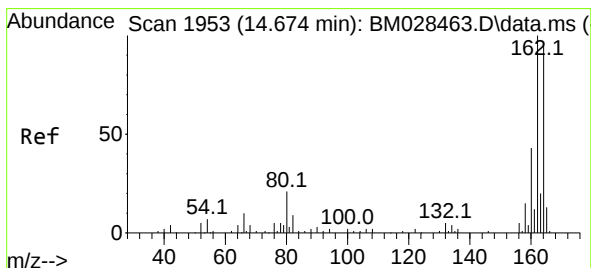
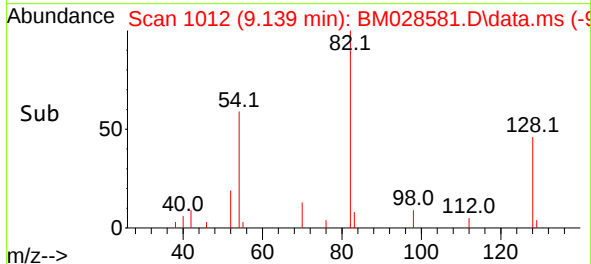
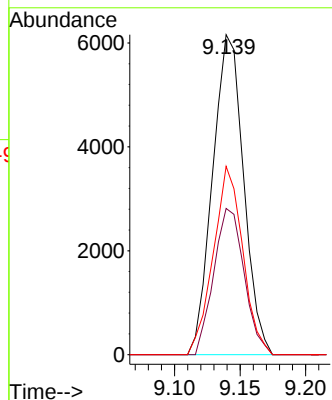
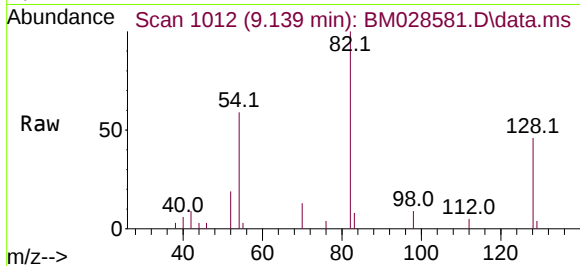




#23
Nitrobenzene-d5
Concen: 3.88 ng
RT: 9.139 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BM028581.D
Acq: 27 Jan 2021 22:11

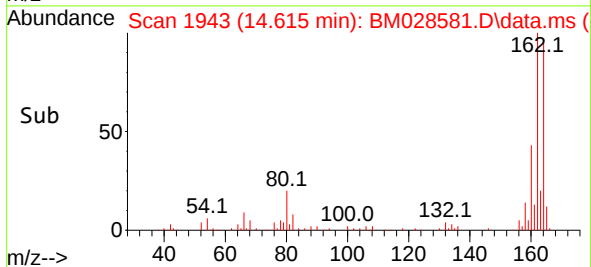
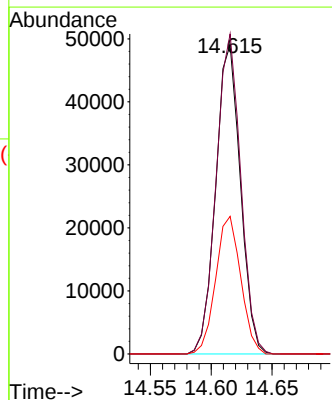
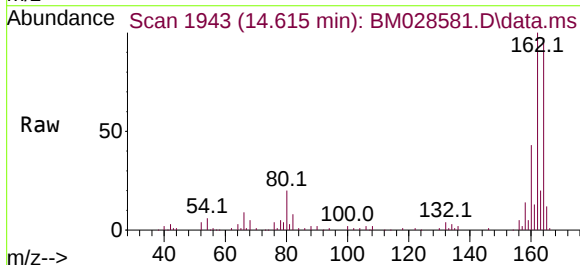
Instrument :
BNA_M
ClientSampleId :
FK-SF-SAMPLE-2

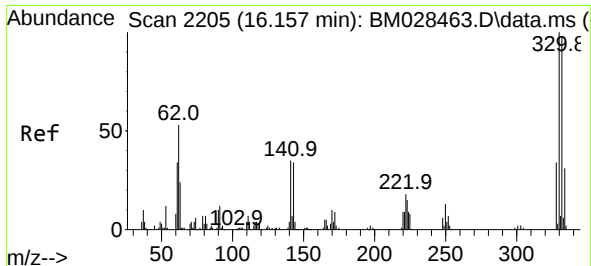
Tgt Ion: 82 Resp: 10117
Ion Ratio Lower Upper
82 100
128 45.7 27.4 41.0#
54 58.9 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.615 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BM028581.D
Acq: 27 Jan 2021 22:11

Tgt Ion:164 Resp: 69172
Ion Ratio Lower Upper
164 100
162 103.5 80.4 120.6
160 44.5 35.9 53.9

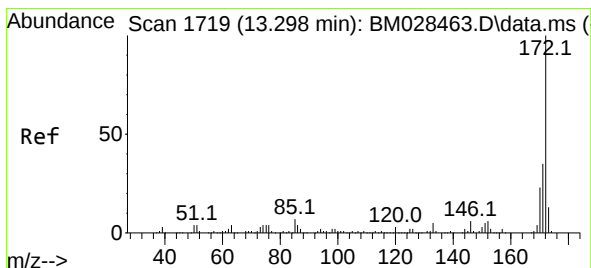
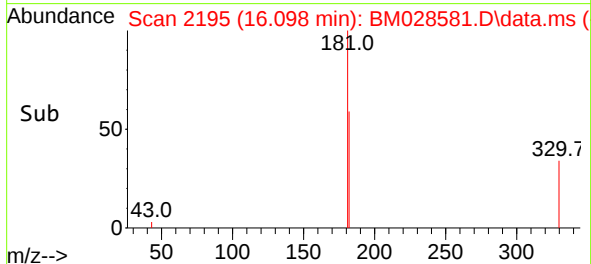
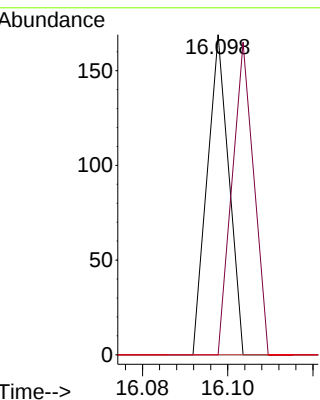
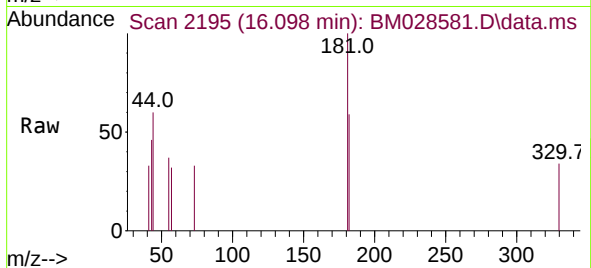




#42
2,4,6-Tribromophenol
Concen: 0.07 ng
RT: 16.098 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM028581.D
Acq: 27 Jan 2021 22:11

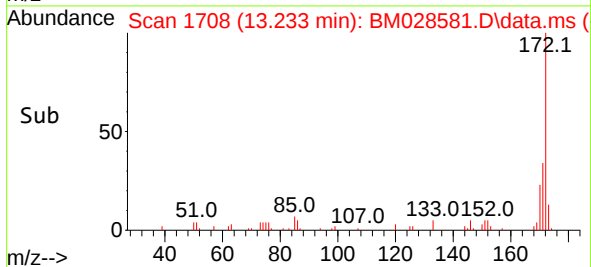
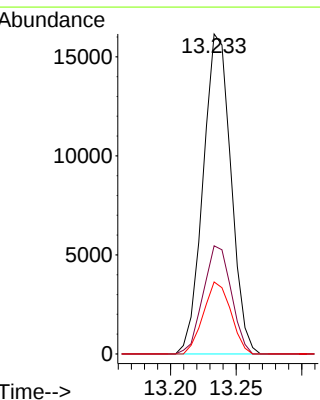
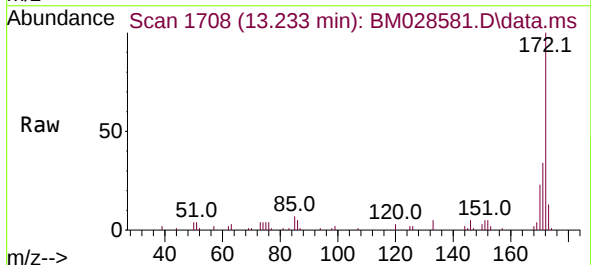
Instrument :
BNA_M
ClientSampleId :
FK-SF-SAMPLE-2

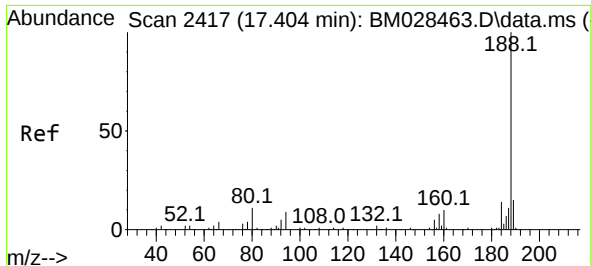
Tgt Ion:330 Resp: 60
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 0.0 28.4 42.6#



#45
2-Fluorobiphenyl
Concen: 4.32 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM028581.D
Acq: 27 Jan 2021 22:11

Tgt Ion:172 Resp: 23810
Ion Ratio Lower Upper
172 100
171 33.8 27.8 41.8
170 22.5 18.6 27.8

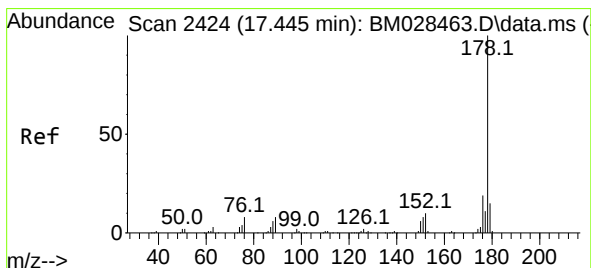
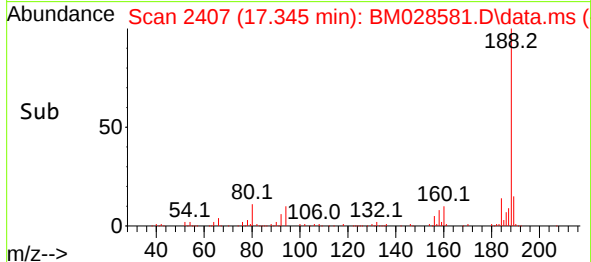
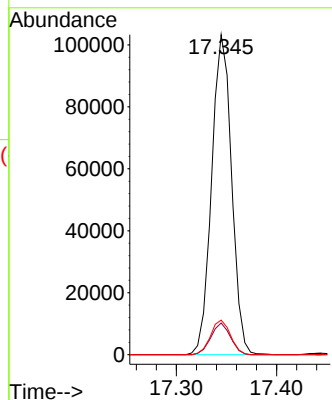
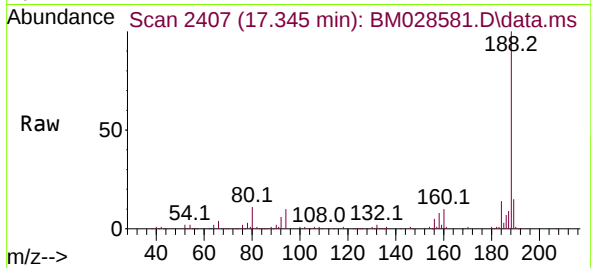




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM028581.D
Acq: 27 Jan 2021 22:11

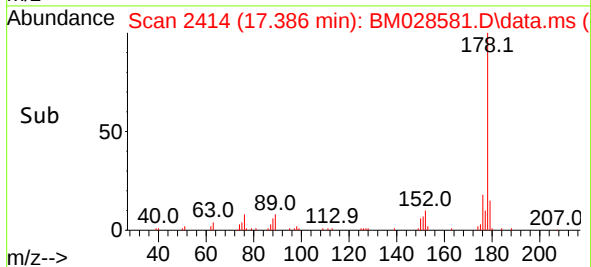
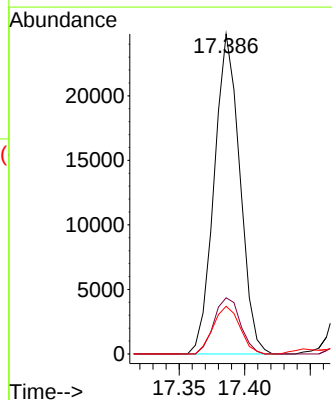
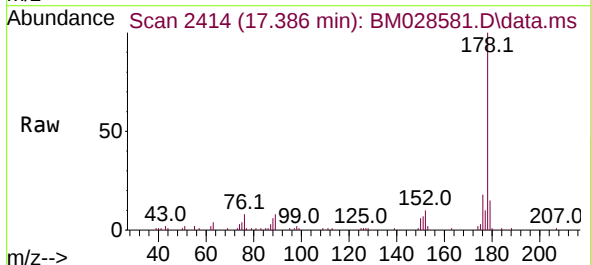
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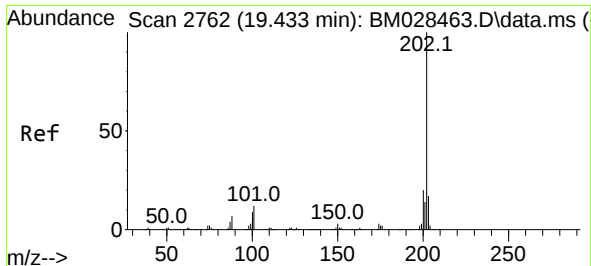
Tgt Ion:188 Resp: 142874
Ion Ratio Lower Upper
188 100
94 9.9 6.2 9.4#
80 10.8 7.5 11.3



#71
Phenanthrene
Concen: 3.83 ng
RT: 17.386 min Scan# 2414
Delta R.T. -0.006 min
Lab File: BM028581.D
Acq: 27 Jan 2021 22:11

Tgt Ion:178 Resp: 33660
Ion Ratio Lower Upper
178 100
176 17.6 15.0 22.6
179 14.9 12.2 18.4

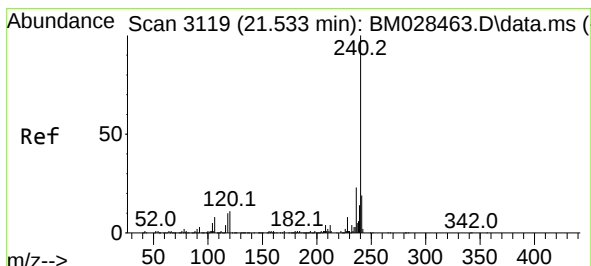
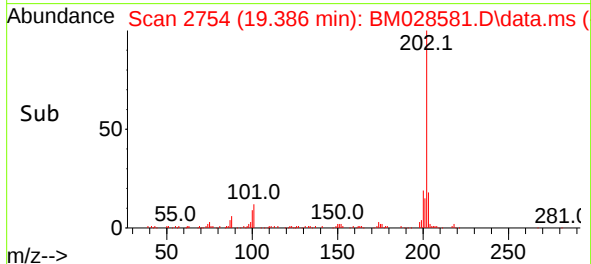
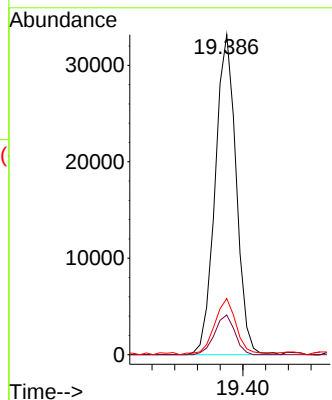
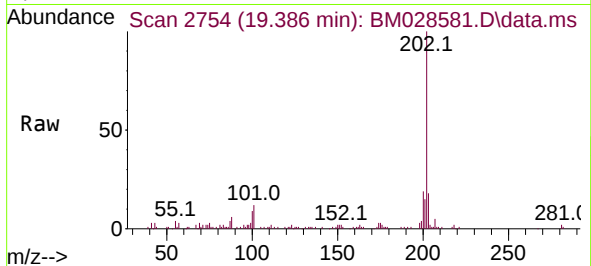




#75
Fluoranthene
Concen: 4.32 ng
RT: 19.386 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BM028581.D
Acq: 27 Jan 2021 22:11

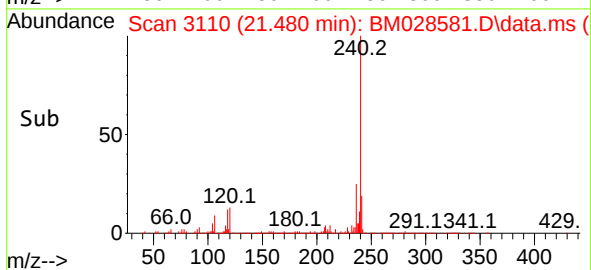
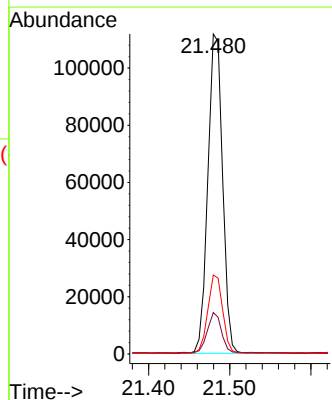
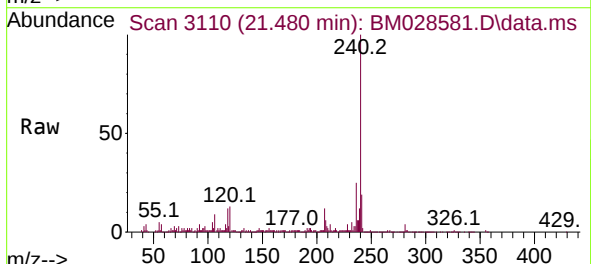
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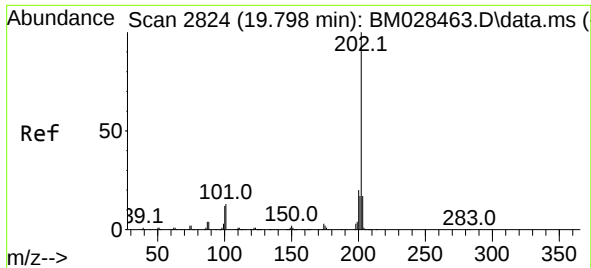
Tgt Ion:	202	Resp:	42643
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	28.5
203	17.5	0.0	37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.480 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM028581.D
Acq: 27 Jan 2021 22:11

Tgt Ion:	240	Resp:	140275
Ion Ratio	Lower	Upper	
240	100		
120	12.9	6.4	9.6#
236	24.7	20.1	30.1

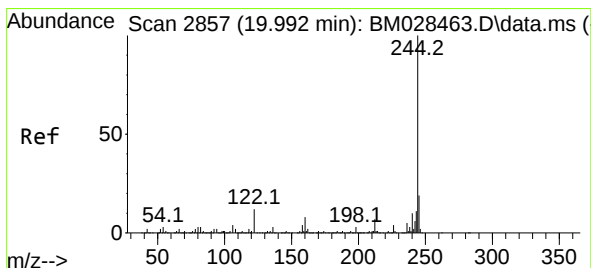
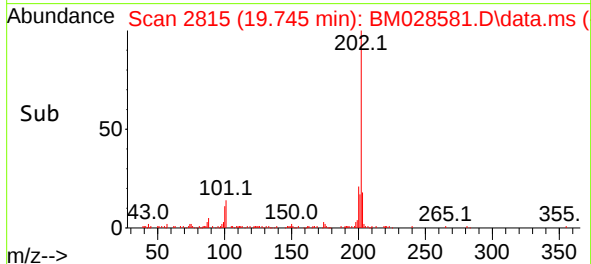
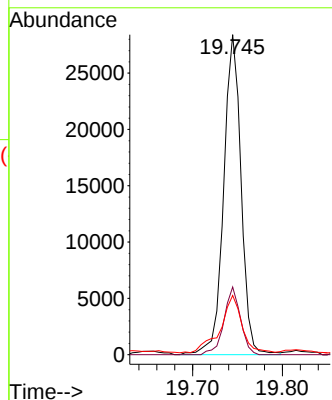
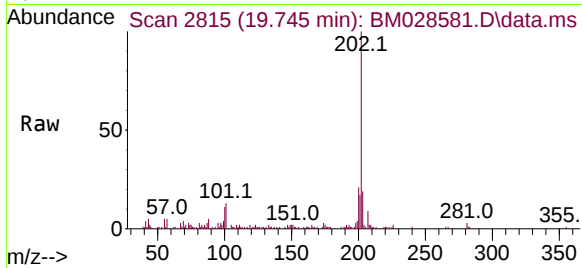




#78
Pyrene
Concen: 3.81 ng
RT: 19.745 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BM028581.D
Acq: 27 Jan 2021 22:11

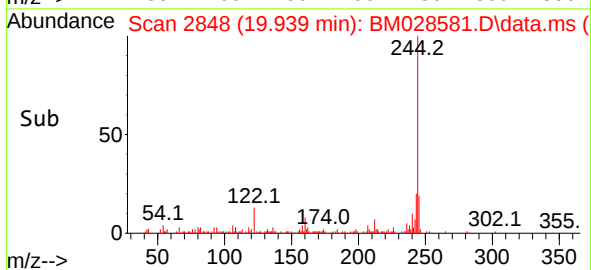
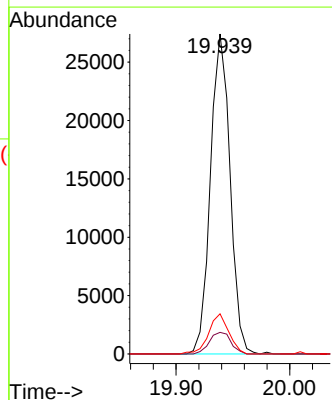
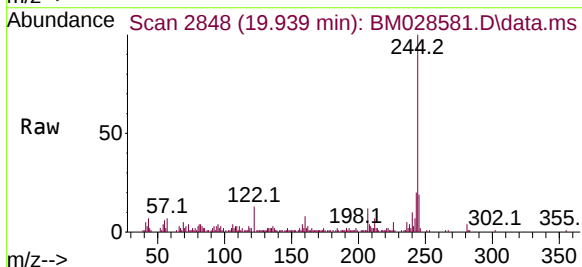
Instrument :
BNA_M
ClientSampleId :
FK-SF-SAMPLE-2

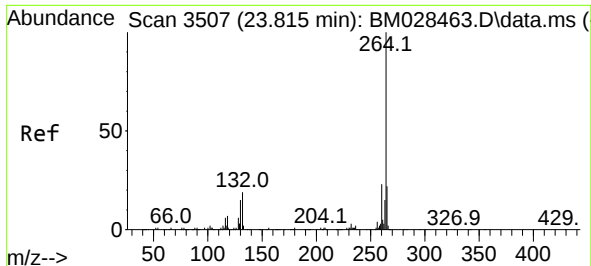
Tgt Ion:	202	Resp:	38361
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.6	24.8
203	18.5	13.8	20.6



#79
Terphenyl-d14
Concen: 4.23 ng
RT: 19.939 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BM028581.D
Acq: 27 Jan 2021 22:11

Tgt Ion:	244	Resp:	32883
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.8	8.8
122	12.6	6.5	9.7#



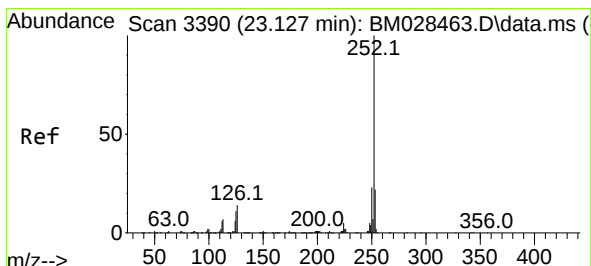
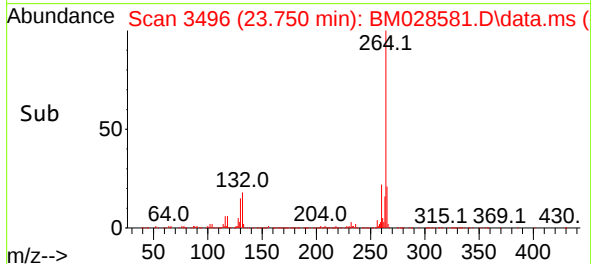
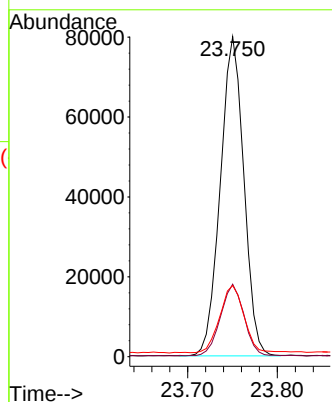
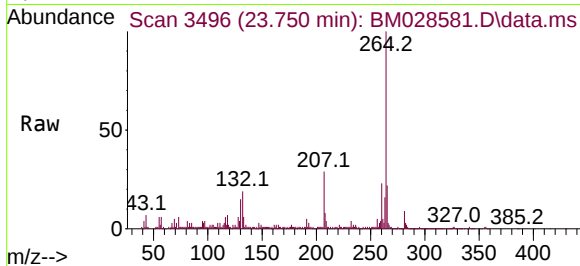


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.750 min Scan# 3496
Delta R.T. -0.000 min
Lab File: BM028581.D
Acq: 27 Jan 2021 22:11

Instrument :
BNA_M
ClientSampleId :
FK-SF-SAMPLE-2

Tgt Ion:264 Resp: 145378

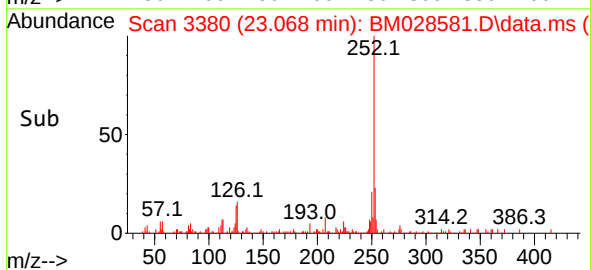
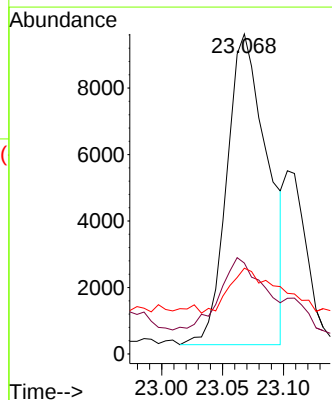
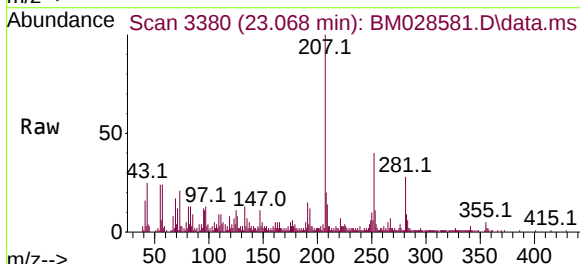
Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.4
265	22.3	17.7	26.5

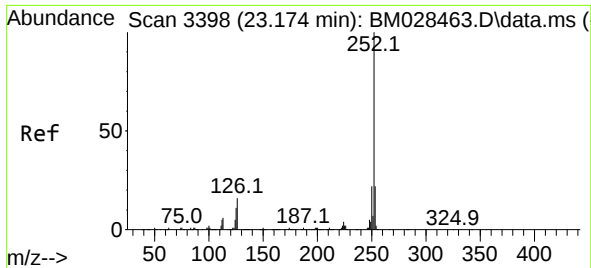


#88
Benzo(b)fluoranthene
Concen: 2.20 ng
RT: 23.068 min Scan# 3380
Delta R.T. -0.006 min
Lab File: BM028581.D
Acq: 27 Jan 2021 22:11

Tgt Ion:252 Resp: 21714

Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.4	26.0#
125	26.8	5.7	8.5#





#89
Benzo(k)fluoranthene
Concen: 2.25 ng
RT: 23.068 min Scan# 3380
Delta R.T. -0.047 min
Lab File: BM028581.D
Acq: 27 Jan 2021 22:11

Instrument :
BNA_M
ClientSampleId :
FK-SF-SAMPLE-2

Tgt Ion:252 Resp: 21714
Ion Ratio Lower Upper
252 100
253 28.4 17.4 26.0#
125 26.8 5.6 8.4#

