

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
 Data File : BM028599.D
 Acq On : 28 Jan 2021 22:11
 Operator : CG/JU
 Sample : M1235-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-SF-SAMPLE-1

Quant Time: Jan 28 23:38:09 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)

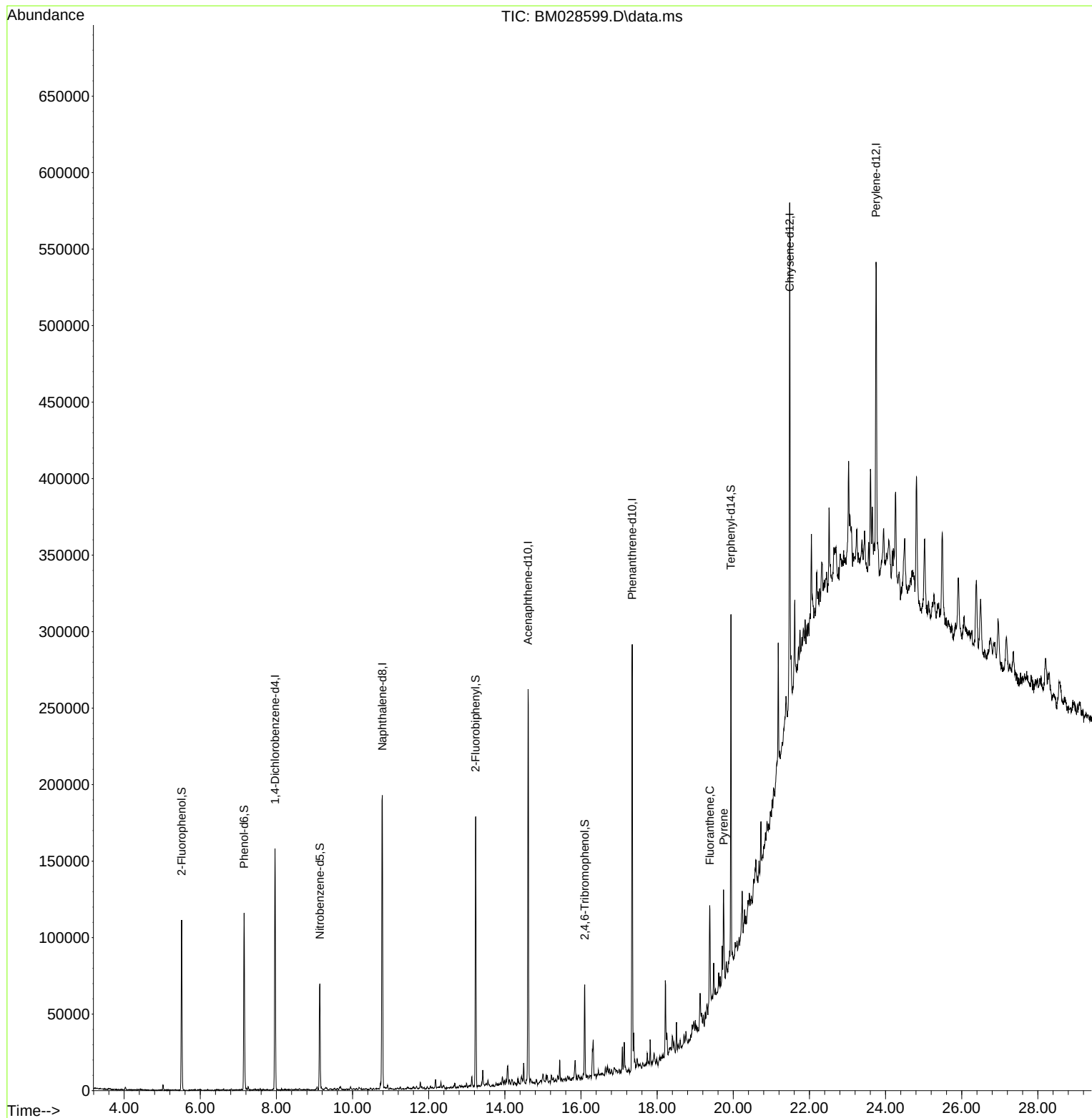
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	41639	20.00	ng	0.00
21) Naphthalene-d8	10.781	136	159571	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	84540	20.00	ng	-0.01
64) Phenanthrene-d10	17.345	188	152767	20.00	ng	# 0.00
76) Chrysene-d12	21.480	240	135947	20.00	ng	# 0.00
86) Perylene-d12	23.750	264	139578	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	45936	17.43	ng	-0.02
7) Phenol-d6	7.151	99	62978	17.55	ng	-0.04
23) Nitrobenzene-d5	9.140	82	37437	11.13	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	10999	9.82	ng	-0.01
45) 2-Fluorobiphenyl	13.233	172	86695	12.87	ng	0.00
79) Terphenyl-d14	19.939	244	89642	11.91	ng	0.00
Target Compounds						
75) Fluoranthene	19.386	202	29815	2.83	ng	96
78) Pyrene	19.745	202	29113	2.99	ng	95

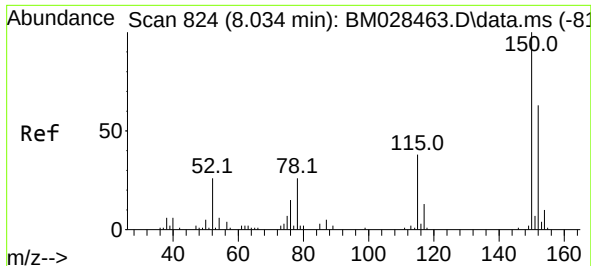
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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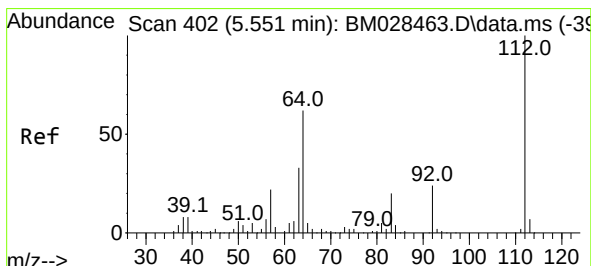
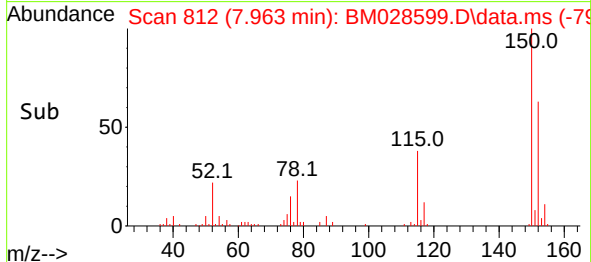
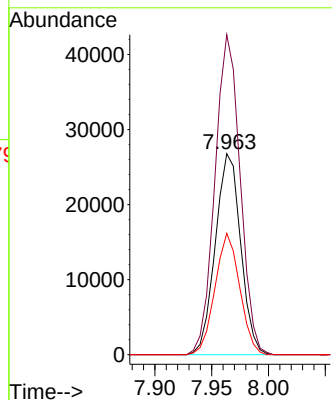
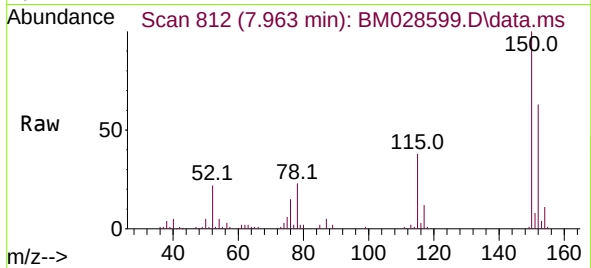




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.963 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM028599.D
Acq: 28 Jan 2021 22:11

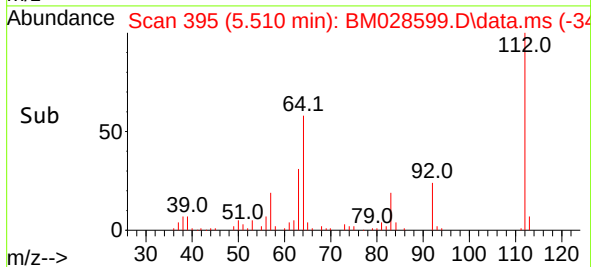
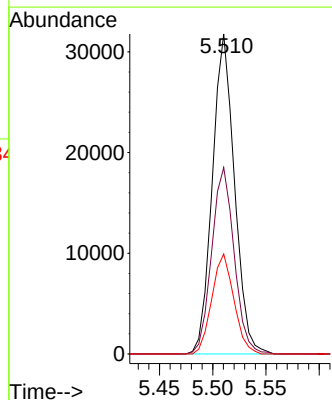
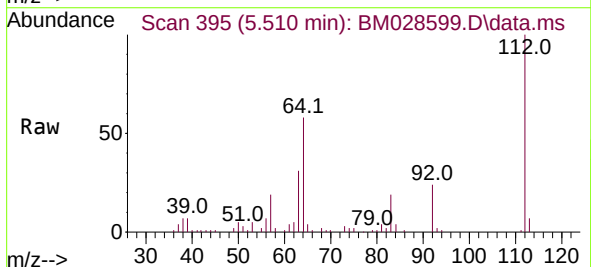
Instrument :
BNA_M
ClientSampleId :
FK-SF-SAMPLE-1

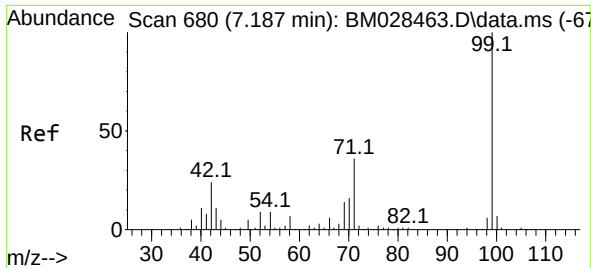
Tgt Ion:152 Resp: 41639
Ion Ratio Lower Upper
152 100
150 159.3 120.6 181.0
115 60.3 47.2 70.8



#5
2-Fluorophenol
Concen: 17.43 ng
RT: 5.510 min Scan# 395
Delta R.T. -0.023 min
Lab File: BM028599.D
Acq: 28 Jan 2021 22:11

Tgt Ion:112 Resp: 45936
Ion Ratio Lower Upper
112 100
64 58.3 50.6 76.0
63 31.3 31.0 46.6

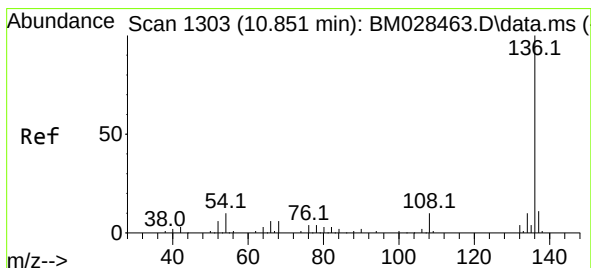
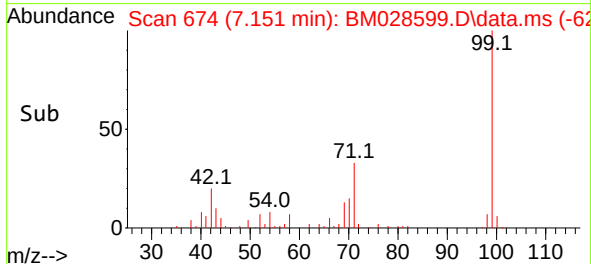
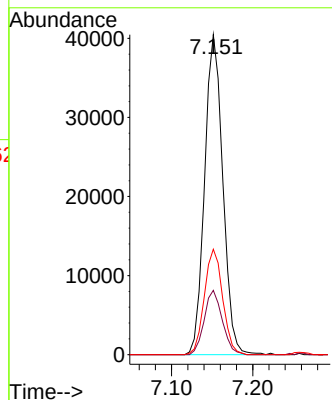
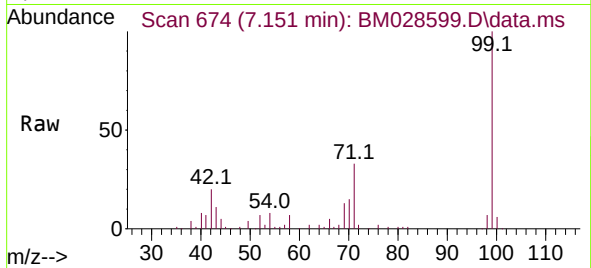




#7
Phenol-d6
Concen: 17.55 ng
RT: 7.151 min Scan# 674
Delta R.T. -0.035 min
Lab File: BM028599.D
Acq: 28 Jan 2021 22:11

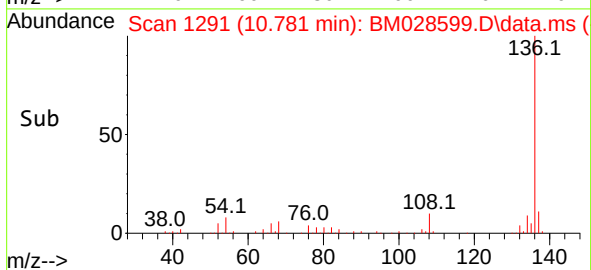
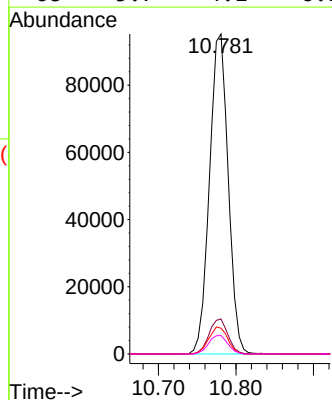
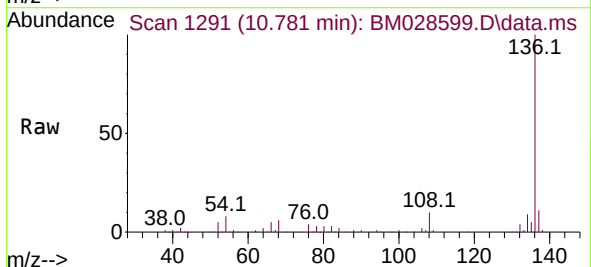
Instrument :
BNA_M
ClientSampleId :
FK-SF-SAMPLE-1

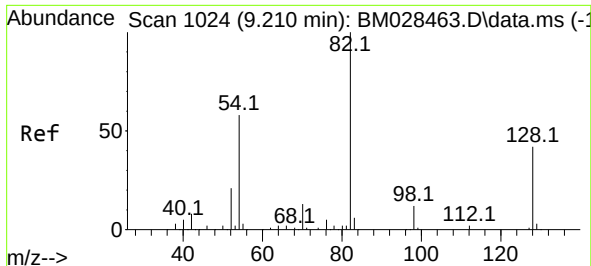
Tgt Ion: 99 Resp: 62978
Ion Ratio Lower Upper
99 100
42 20.1 13.5 20.3
71 32.9 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM028599.D
Acq: 28 Jan 2021 22:11

Tgt Ion: 136 Resp: 159571
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.1 4.6 7.0#
68 5.7 4.1 6.1

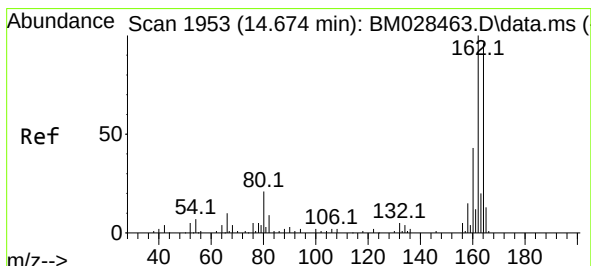
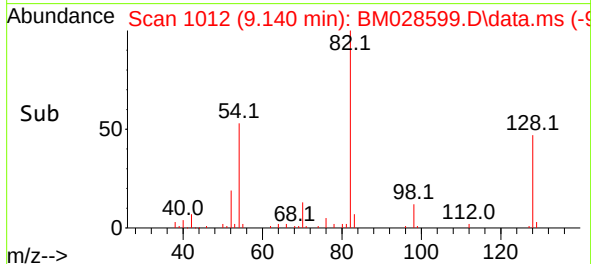
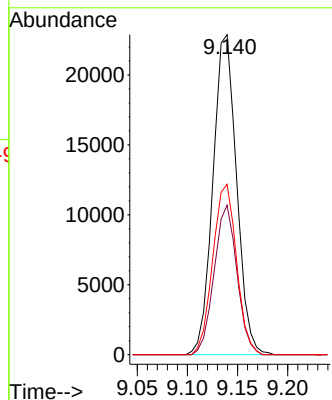
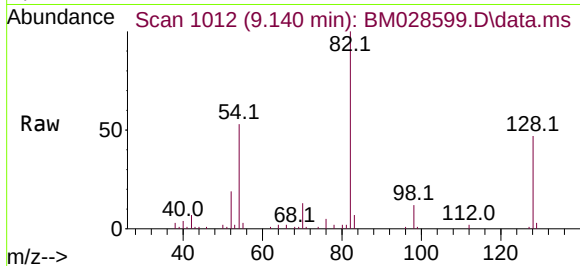




#23
Nitrobenzene-d5
Concen: 11.13 ng
RT: 9.140 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BM028599.D
Acq: 28 Jan 2021 22:11

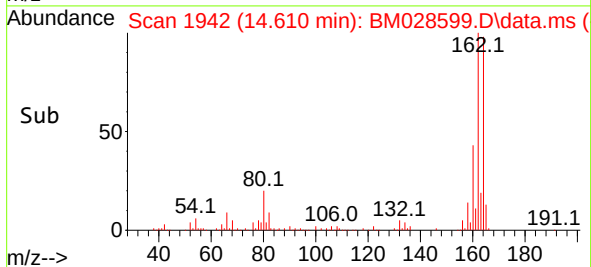
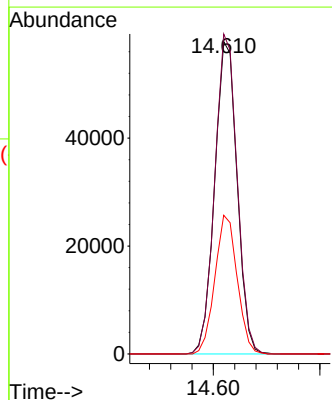
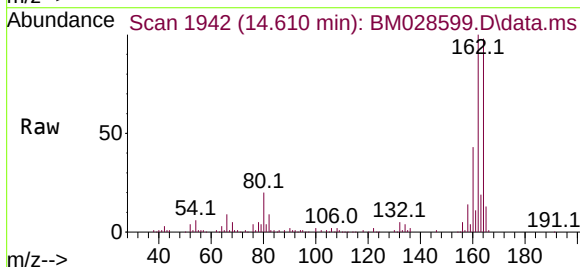
Instrument :
BNA_M
ClientSampleId :
FK-SF-SAMPLE-1

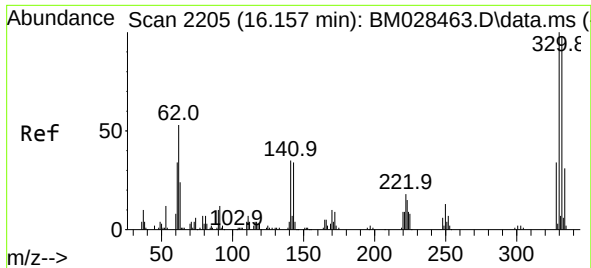
Tgt Ion: 82 Resp: 37437
Ion Ratio Lower Upper
82 100
128 46.7 27.4 41.0#
54 53.3 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM028599.D
Acq: 28 Jan 2021 22:11

Tgt Ion: 164 Resp: 84540
Ion Ratio Lower Upper
164 100
162 102.4 80.4 120.6
160 44.4 35.9 53.9

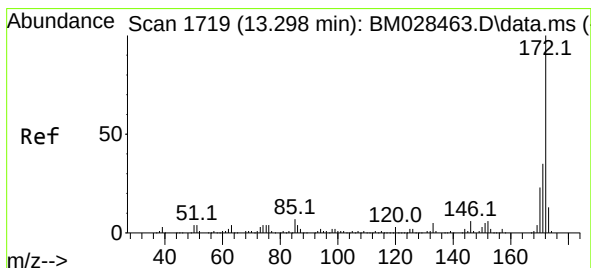
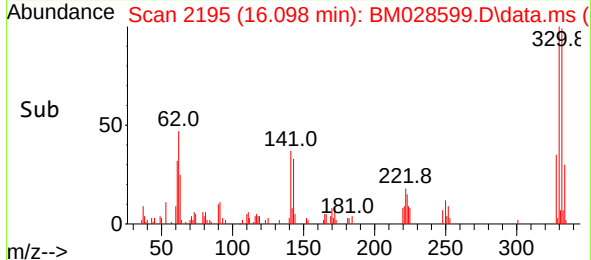
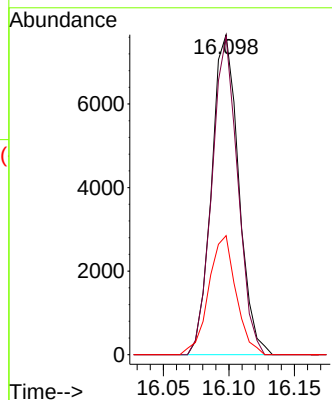
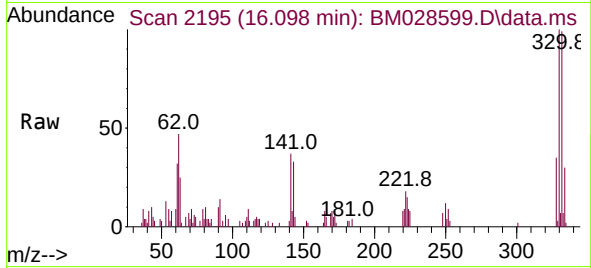




#42
2,4,6-Tribromophenol
Concen: 9.82 ng
RT: 16.098 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM028599.D
Acq: 28 Jan 2021 22:11

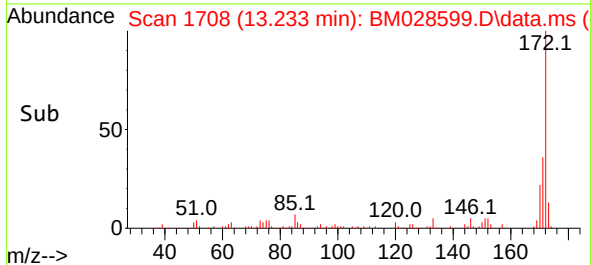
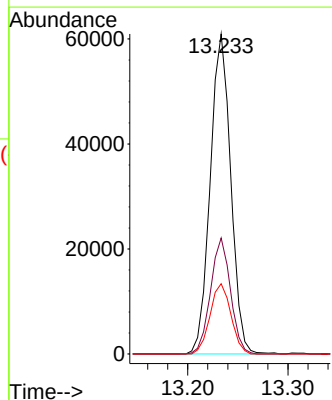
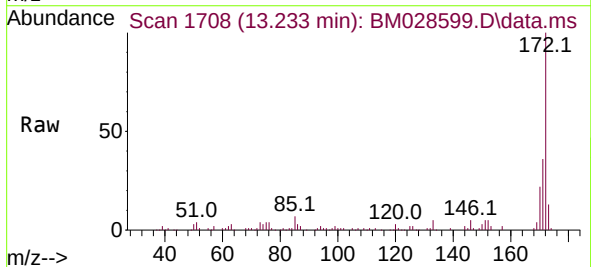
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BNA_M
ClientSampleId :
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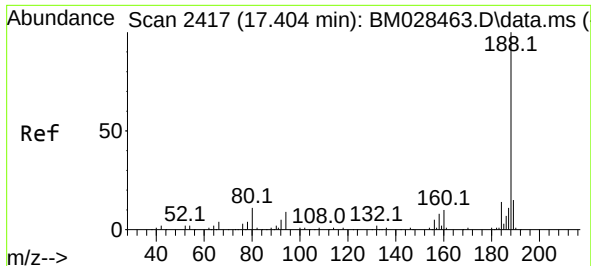
Tgt Ion:330 Resp: 10999
Ion Ratio Lower Upper
330 100
332 94.4 77.8 116.8
141 37.5 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 12.87 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM028599.D
Acq: 28 Jan 2021 22:11

Tgt Ion:172 Resp: 86695
Ion Ratio Lower Upper
172 100
171 36.3 27.8 41.8
170 22.0 18.6 27.8

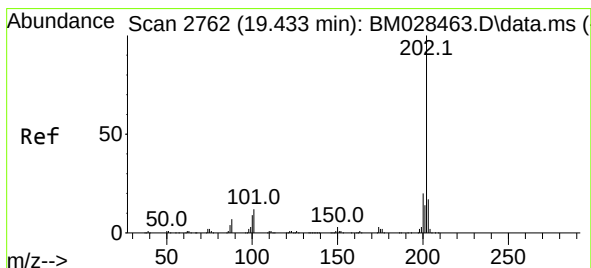
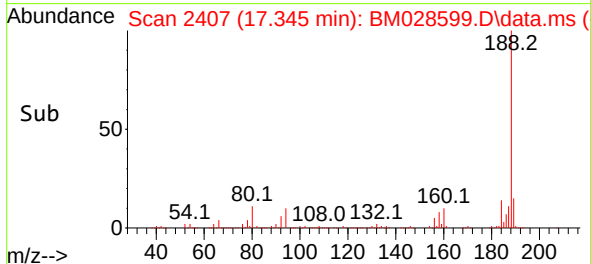
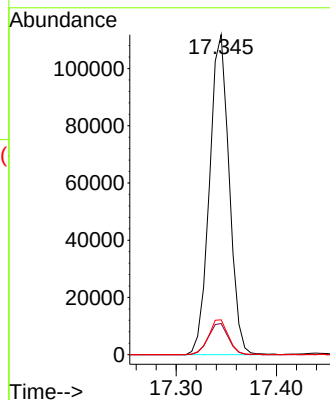
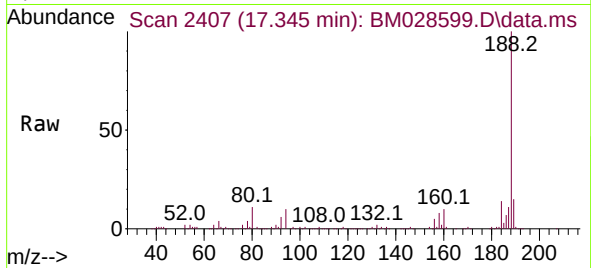




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM028599.D
Acq: 28 Jan 2021 22:11

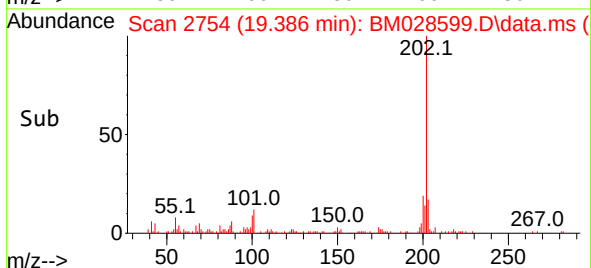
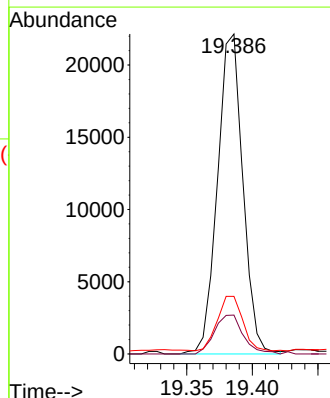
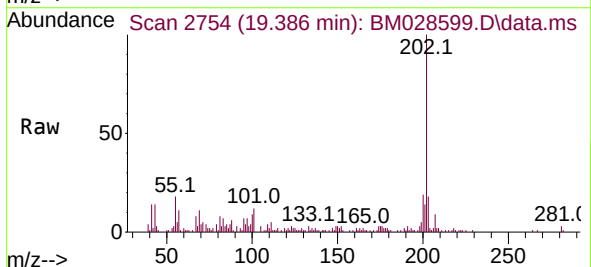
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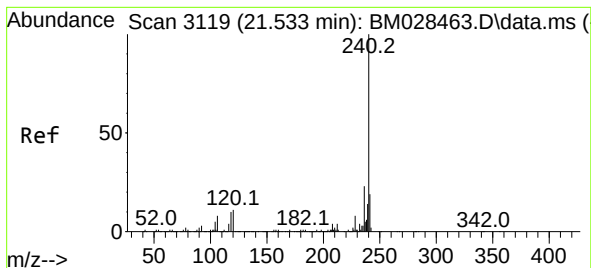
Tgt Ion:188 Resp: 152767
Ion Ratio Lower Upper
188 100
94 9.7 6.2 9.4#
80 10.9 7.5 11.3



#75
Fluoranthene
Concen: 2.83 ng
RT: 19.386 min Scan# 2754
Delta R.T. -0.006 min
Lab File: BM028599.D
Acq: 28 Jan 2021 22:11

Tgt Ion:202 Resp: 29815
Ion Ratio Lower Upper
202 100
101 12.1 0.0 28.5
203 18.0 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: BM028599.D

Acq: 28 Jan 2021 22:11

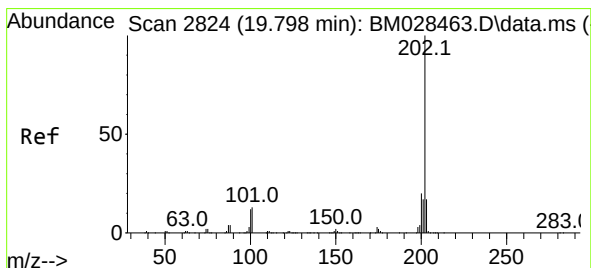
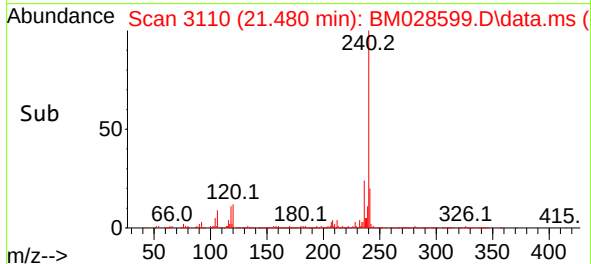
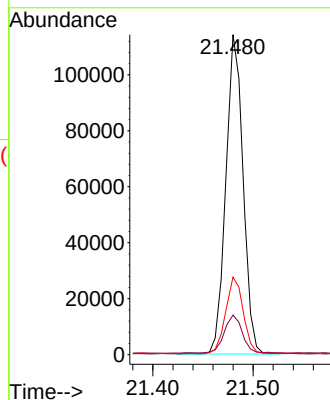
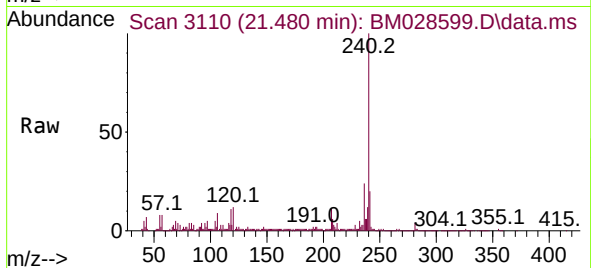
Tgt Ion:	240	Resp:	135947
Ion Ratio	Lower	Upper	
240	100		
120	12.4	6.4	9.6#
236	24.3	20.1	30.1

Instrument :

BNA_M

ClientSampleId :

FK-SF-SAMPLE-1



#78

Pyrene

Concen: 2.99 ng

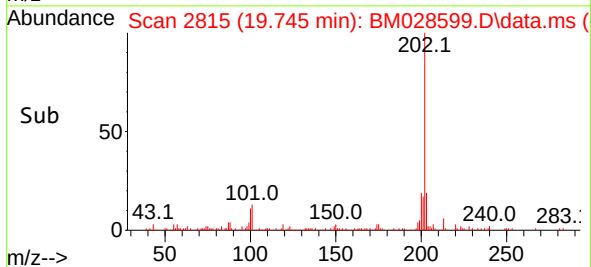
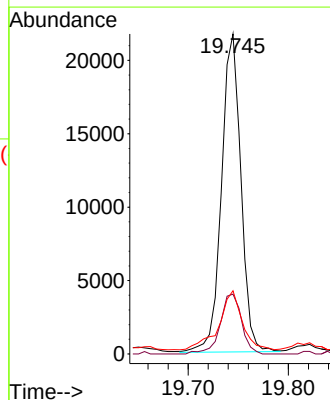
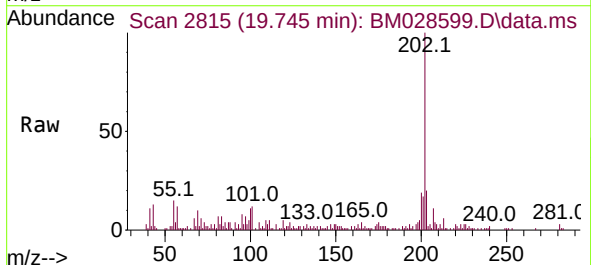
RT: 19.745 min Scan# 2815

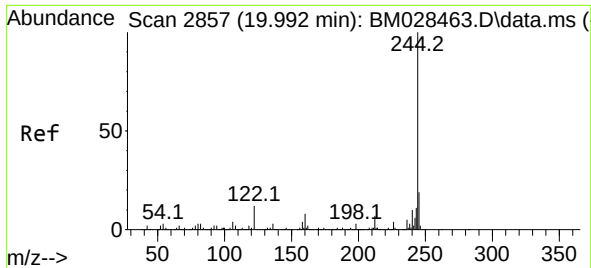
Delta R.T. -0.006 min

Lab File: BM028599.D

Acq: 28 Jan 2021 22:11

Tgt Ion:	202	Resp:	29113
Ion Ratio	Lower	Upper	
202	100		
200	18.7	16.6	24.8
203	19.7	13.8	20.6

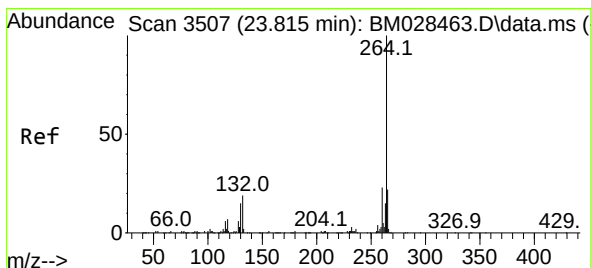
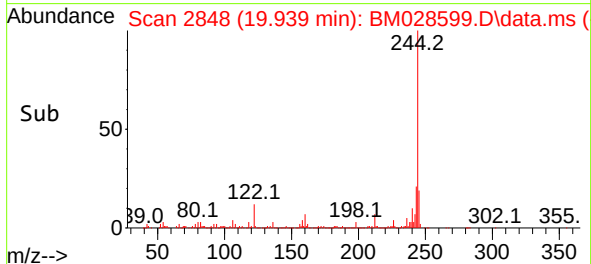
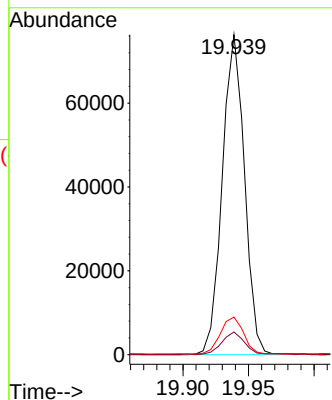
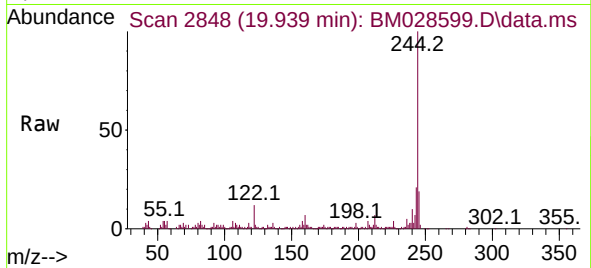




#79
 Terphenyl-d14
 Concen: 11.91 ng
 RT: 19.939 min Scan# 2848
 Delta R.T. -0.006 min
 Lab File: BM028599.D
 Acq: 28 Jan 2021 22:11

Instrument :
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Tgt Ion:244	Resp:	89642
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: BM028599.D
 Acq: 28 Jan 2021 22:11

Tgt Ion:264	Resp:	139578
Ion Ratio	Lower	Upper
264	100	
260	23.1	19.0 28.4
265	22.8	17.7 26.5

