

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
 Data File : BM029041.D
 Acq On : 09 Mar 2021 11:18
 Operator : CG/JU
 Sample : PB135024TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB135024TB

Quant Time: Mar 09 11:48:51 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 09 10:08:02 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	9491	20.00	ng	0.00
21) Naphthalene-d8	10.463	136	34775	20.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	18879	20.00	ng	0.00
64) Phenanthrene-d10	17.086	188	38869	20.00	ng	# 0.00
76) Chrysene-d12	21.256	240	39614	20.00	ng	# 0.00
86) Perylene-d12	23.421	264	43444	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.245	112	81344	142.06	ng	0.00
7) Phenol-d6	6.869	99	92238	121.96	ng	0.00
23) Nitrobenzene-d5	8.845	82	61044	94.71	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	30425	135.98	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	127936	90.21	ng	0.00
79) Terphenyl-d14	19.709	244	195729	91.23	ng	0.00

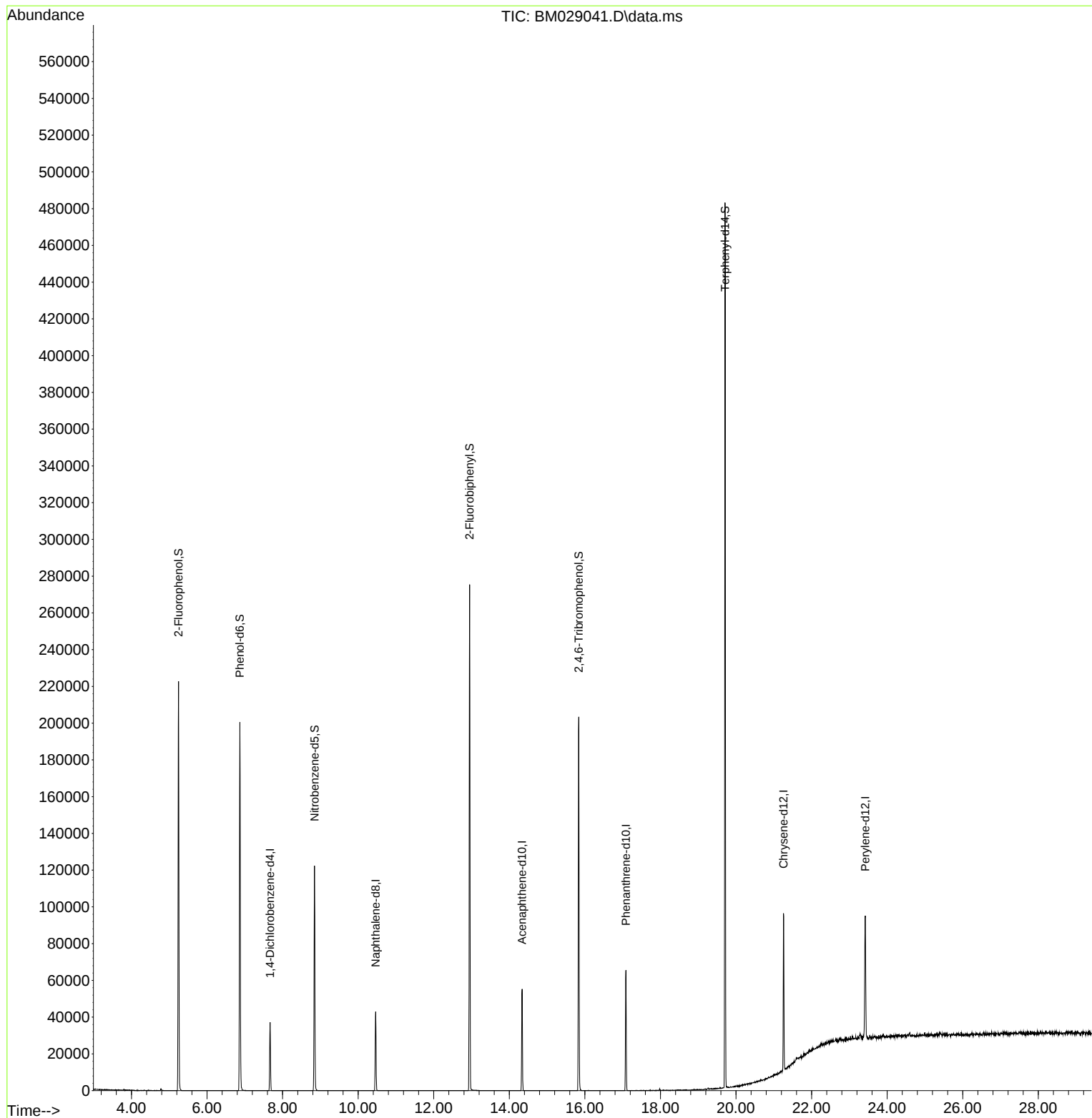
Target Compounds	Qvalue

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

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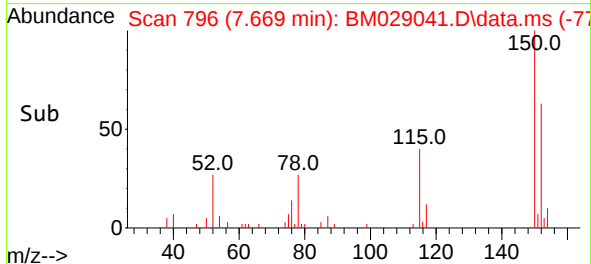
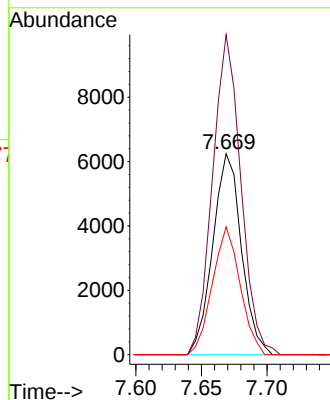
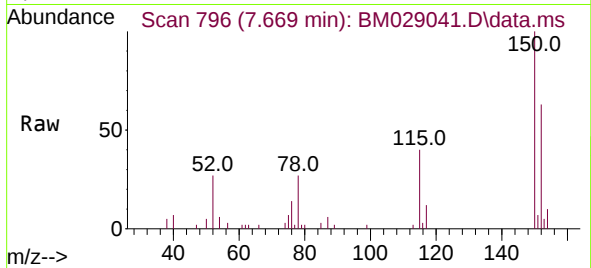




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.669 min Scan# 796
Delta R.T. -0.000 min
Lab File: BM029041.D
Acq: 09 Mar 2021 11:18

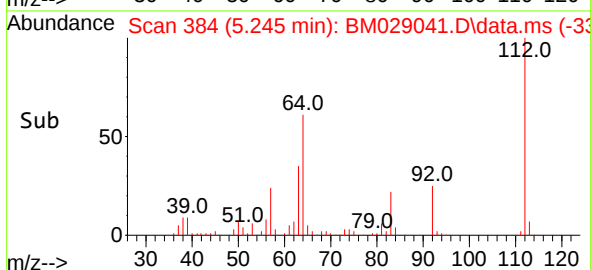
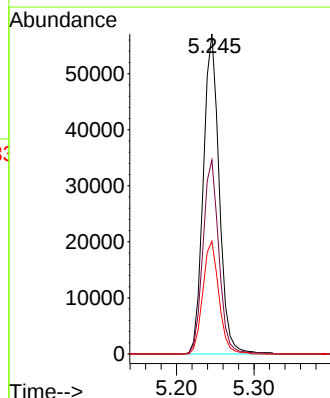
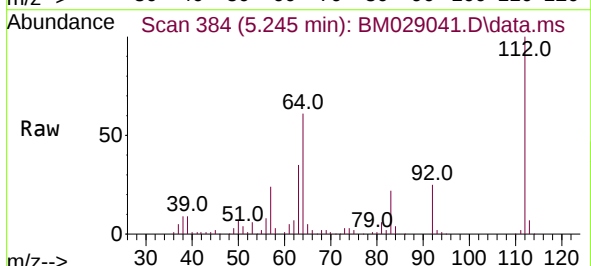
Instrument :
BNA_M
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PB135024TB

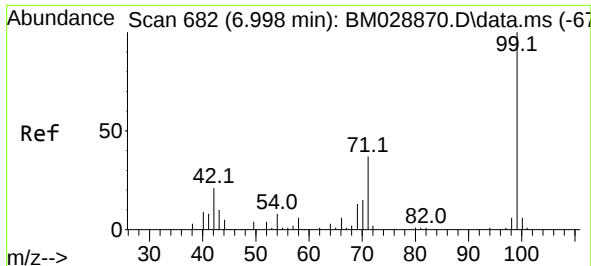
Tgt Ion:152 Resp: 9491
Ion Ratio Lower Upper
152 100
150 159.2 120.6 181.0
115 63.6 47.2 70.8



#5
2-Fluorophenol
Concen: 142.06 ng
RT: 5.245 min Scan# 384
Delta R.T. -0.000 min
Lab File: BM029041.D
Acq: 09 Mar 2021 11:18

Tgt Ion:112 Resp: 81344
Ion Ratio Lower Upper
112 100
64 60.6 50.6 76.0
63 35.2 31.0 46.6

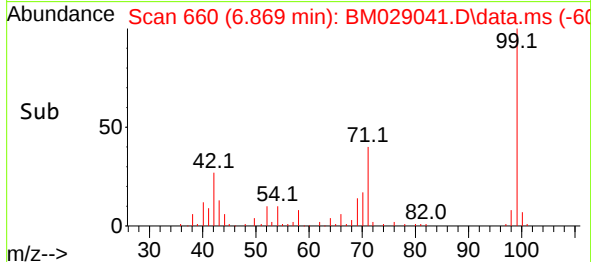
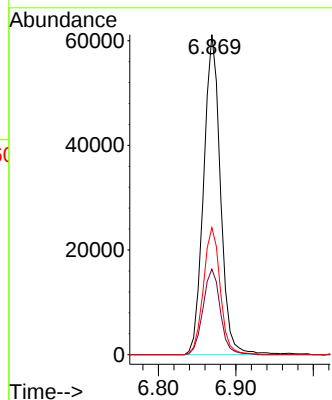
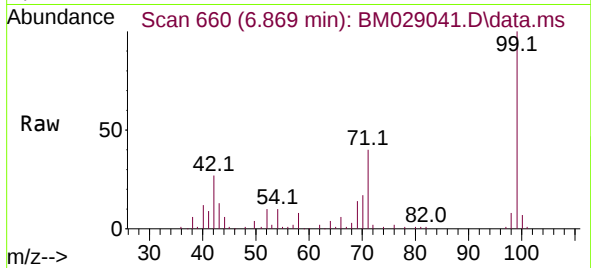




#7
Phenol-d6
Concen: 121.96 ng
RT: 6.869 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM029041.D
Acq: 09 Mar 2021 11:18

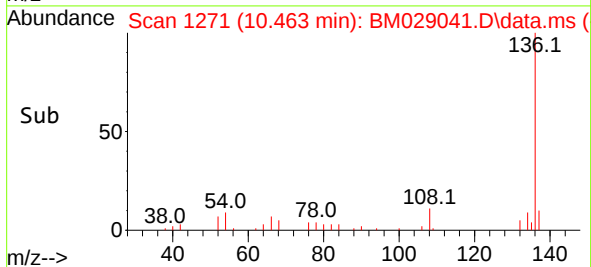
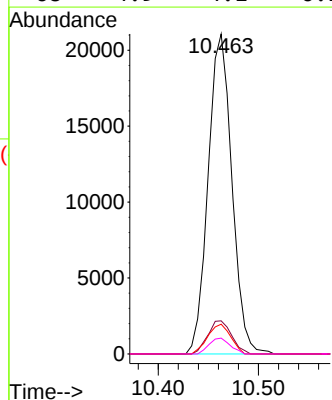
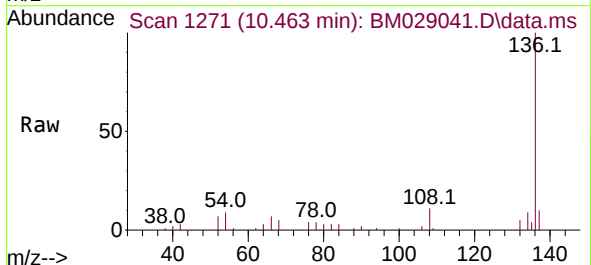
Instrument :
BNA_M
ClientSampleId :
PB135024TB

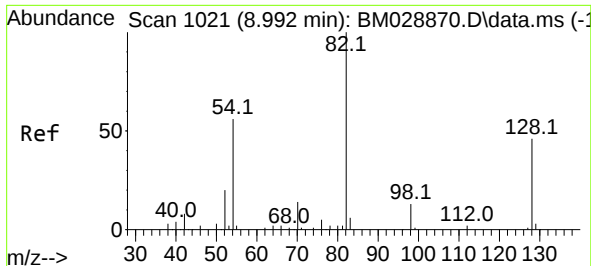
Tgt Ion: 99 Resp: 92238
Ion Ratio Lower Upper
99 100
42 26.8 13.5 20.3#
71 39.7 39.4 59.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BM029041.D
Acq: 09 Mar 2021 11:18

Tgt Ion: 136 Resp: 34775
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 9.3 4.6 7.0#
68 4.9 4.1 6.1





#23

Nitrobenzene-d5

Concen: 94.71 ng

RT: 8.845 min Scan# 996

Delta R.T. -0.000 min

Lab File: BM029041.D

Acq: 09 Mar 2021 11:18

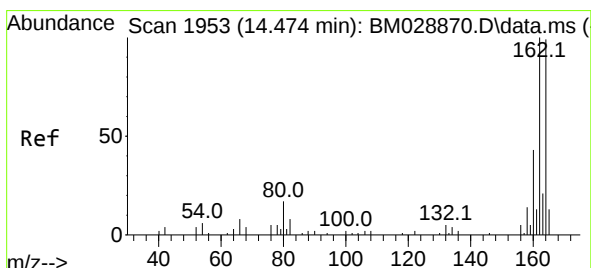
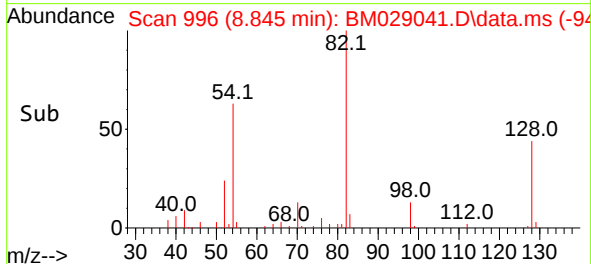
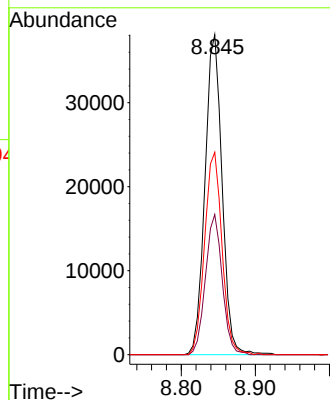
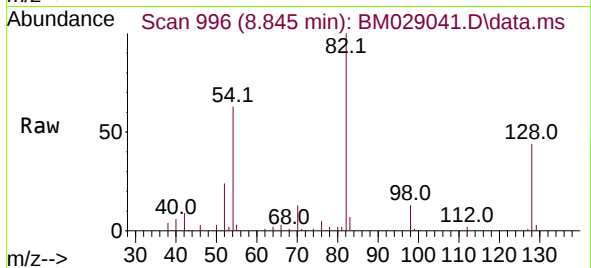
Tgt Ion:	82	Resp:	61044
Ion Ratio	Lower	Upper	
82	100		
128	43.8	27.4	41.0#
54	63.3	31.4	47.0#

Instrument :

BNA_M

ClientSampleId :

PB135024TB



#39

Acenaphthene-d10

Concen: 20.00 ng

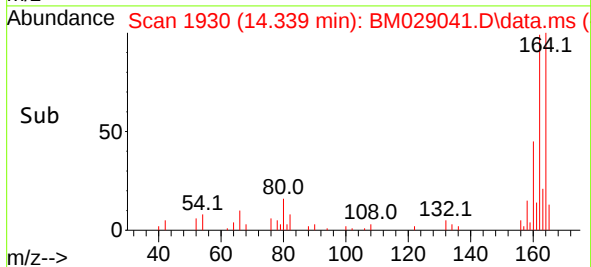
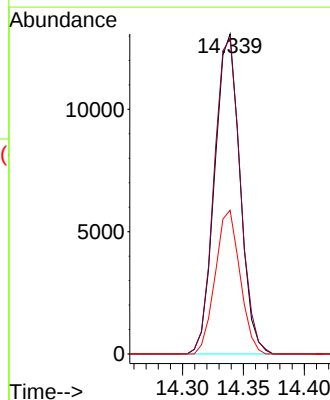
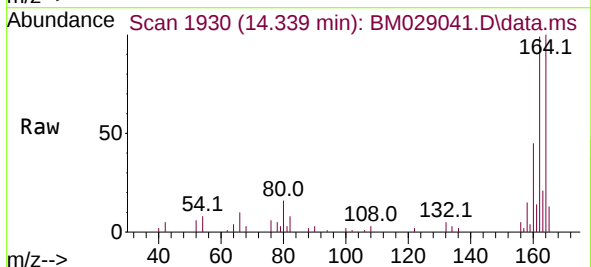
RT: 14.339 min Scan# 1930

Delta R.T. -0.000 min

Lab File: BM029041.D

Acq: 09 Mar 2021 11:18

Tgt Ion:	164	Resp:	18879
Ion Ratio	Lower	Upper	
164	100		
162	98.7	80.4	120.6
160	44.9	35.9	53.9

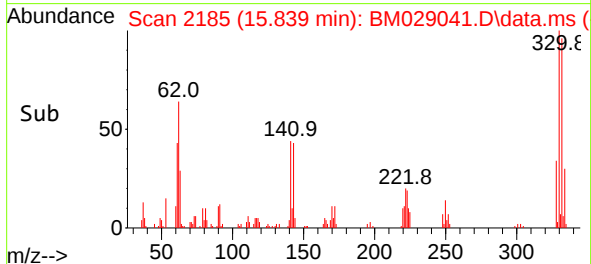
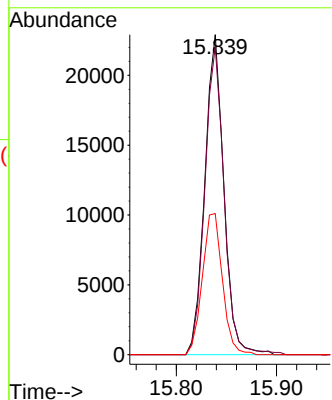
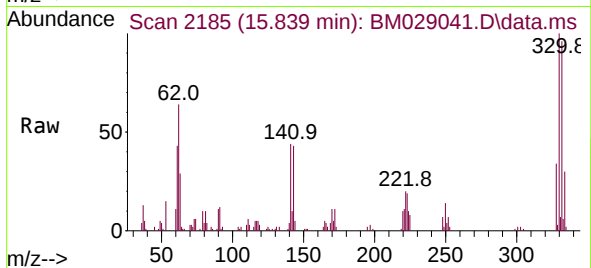




#42
2,4,6-Tribromophenol
Concen: 135.98 ng
RT: 15.839 min Scan# 2185
Delta R.T. -0.000 min
Lab File: BM029041.D
Acq: 09 Mar 2021 11:18

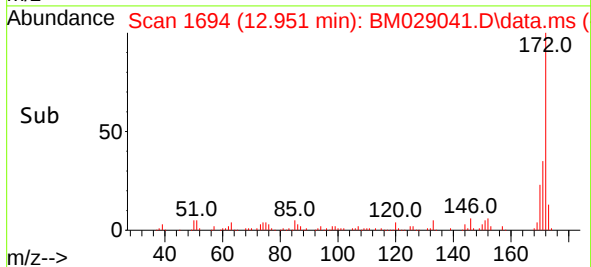
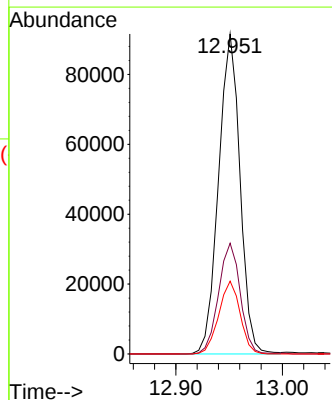
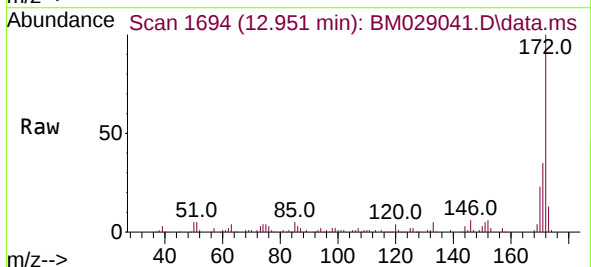
Instrument :
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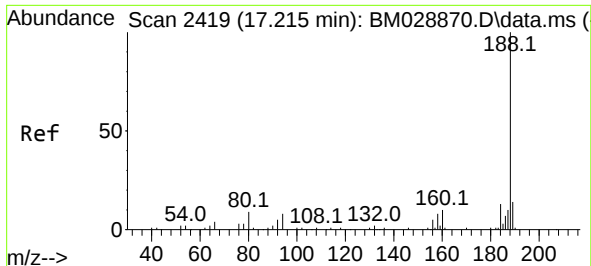
Tgt Ion:330 Resp: 30425
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 46.4 28.4 42.6#



#45
2-Fluorobiphenyl
Concen: 90.21 ng
RT: 12.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BM029041.D
Acq: 09 Mar 2021 11:18

Tgt Ion:172 Resp: 127936
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 22.7 18.6 27.8

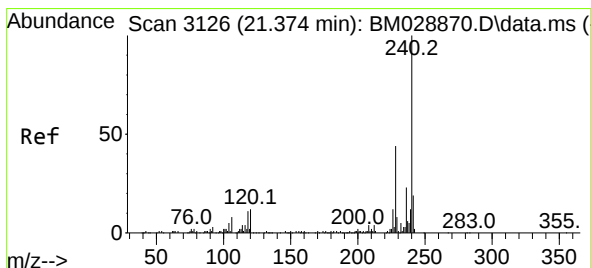
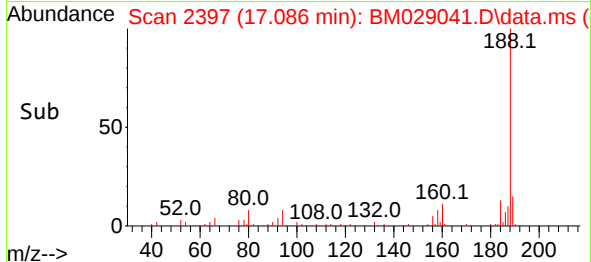
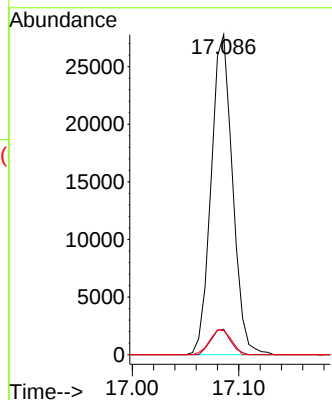
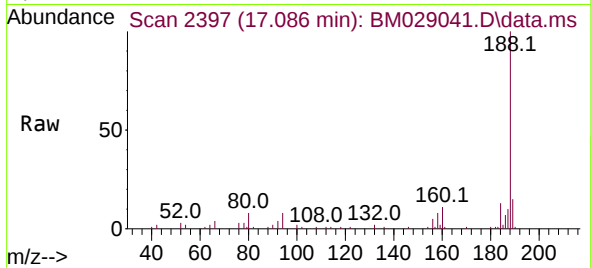




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2397
Delta R.T. -0.000 min
Lab File: BM029041.D
Acq: 09 Mar 2021 11:18

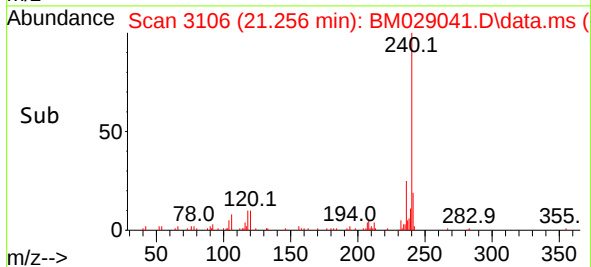
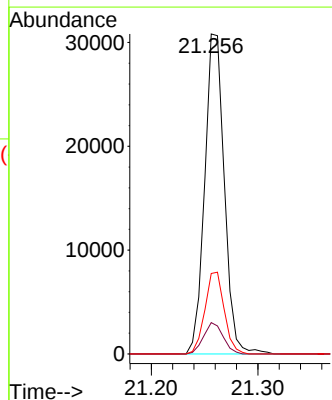
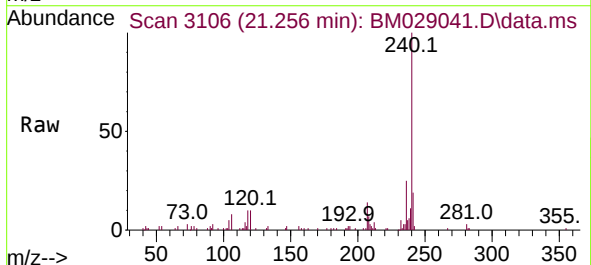
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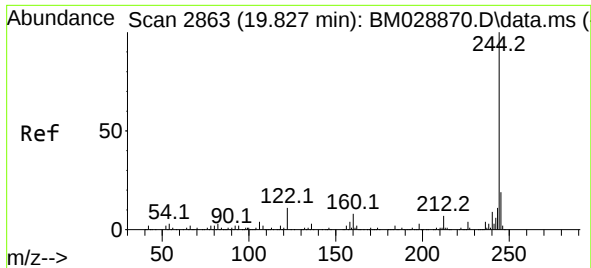
Tgt Ion:188 Resp: 38869
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.4
80 7.5 7.5 11.3#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.256 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM029041.D
Acq: 09 Mar 2021 11:18

Tgt Ion:240 Resp: 39614
Ion Ratio Lower Upper
240 100
120 9.8 6.4 9.6#
236 25.2 20.1 30.1

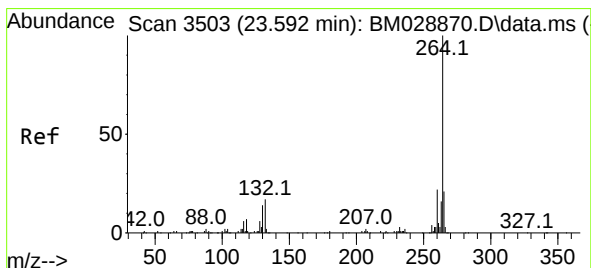
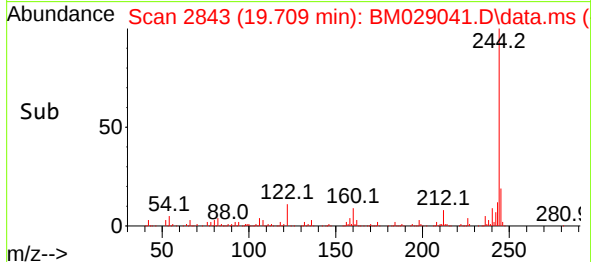
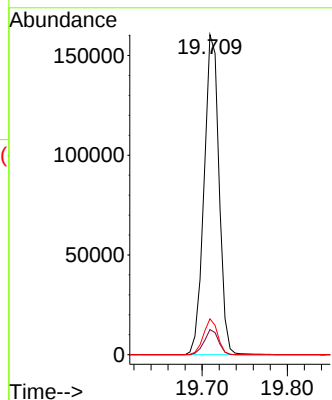
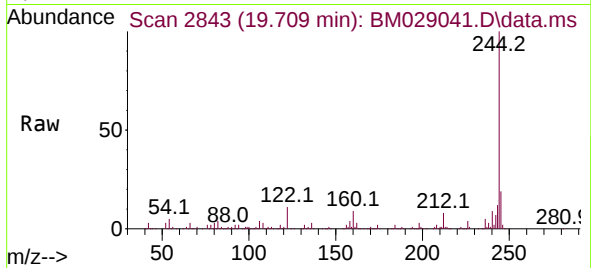




#79
 Terphenyl-d14
 Concen: 91.23 ng
 RT: 19.709 min Scan# 2843
 Delta R.T. -0.000 min
 Lab File: BM029041.D
 Acq: 09 Mar 2021 11:18

Instrument :
 BNA_M
 ClientSampleId :
 PB135024TB

Tgt Ion:244 Resp: 195729
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 11.2 6.5 9.7#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.421 min Scan# 3474
 Delta R.T. -0.000 min
 Lab File: BM029041.D
 Acq: 09 Mar 2021 11:18

Tgt Ion:264 Resp: 43444
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.4
 265 22.1 17.7 26.5

