

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030921\
 Data File : BM029064.D
 Acq On : 10 Mar 2021 02:10
 Operator : CG/JU
 Sample : M1599-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 2

Instrument :
 BNA_M
 ClientSampleId :
 OK-02-030821

Quant Time: Mar 10 02:54:13 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)

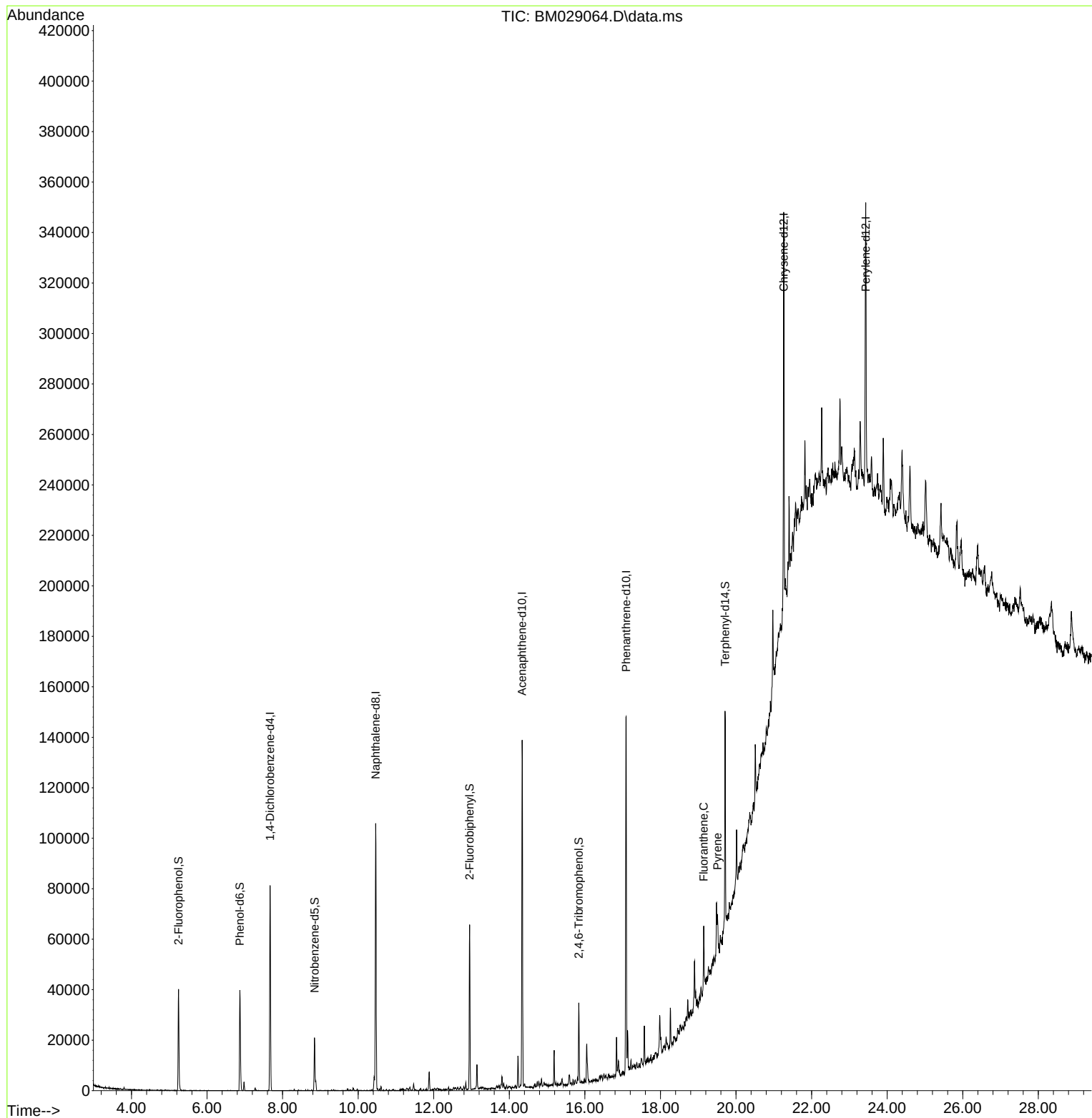
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	20290	40.00	ng	0.00
21) Naphthalene-d8	10.463	136	81267	40.00	ng	# 0.00
39) Acenaphthene-d10	14.339	164	45229	40.00	ng	0.00
64) Phenanthrene-d10	17.092	188	78475	40.00	ng	0.00
76) Chrysene-d12	21.262	240	63953	40.00	ng	# 0.00
86) Perylene-d12	23.433	264	66933	40.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	16782	27.42	ng	0.00
7) Phenol-d6	6.869	99	20668	25.57	ng	0.00
23) Nitrobenzene-d5	8.845	82	11505	15.28	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	5060	18.88	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	32298	19.01	ng	0.00
79) Terphenyl-d14	19.709	244	33717	19.47	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.133	178	9339	4.00	ng	98
75) Fluoranthene	19.145	202	11218	4.37	ng	91
78) Pyrene	19.509	202	9427	4.01	ng	# 93
83) Chrysene	21.297	228	4706	2.18	ng	# 79

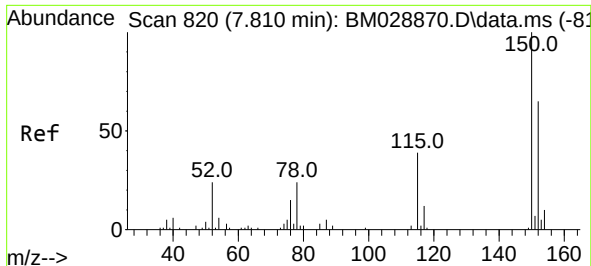
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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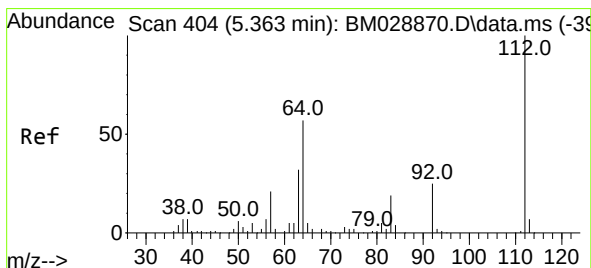
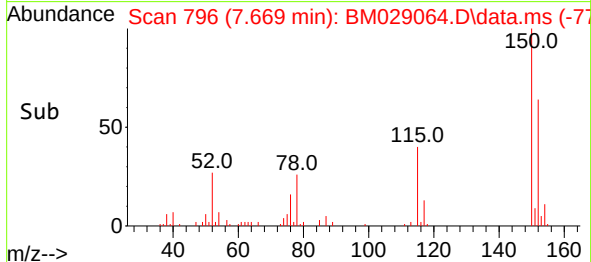
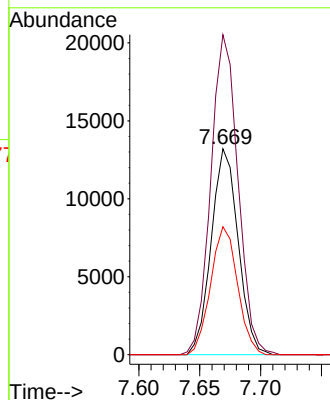
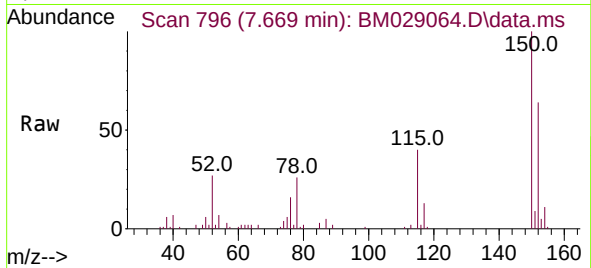




#1
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 7.669 min Scan# 796
Delta R.T. -0.000 min
Lab File: BM029064.D
Acq: 10 Mar 2021 02:10

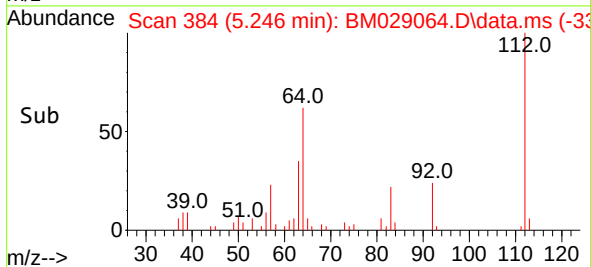
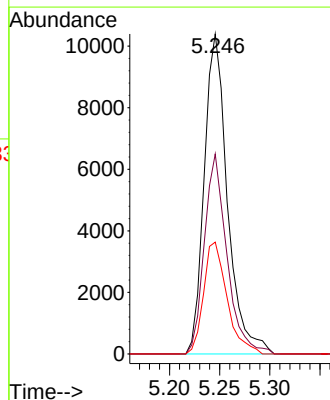
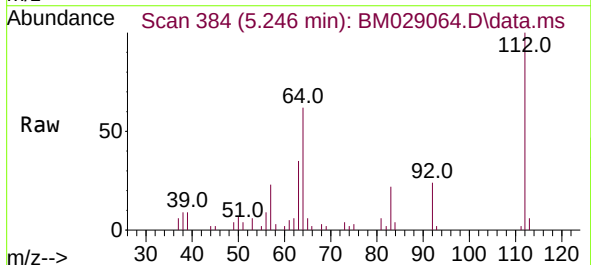
Instrument :
BNA_M
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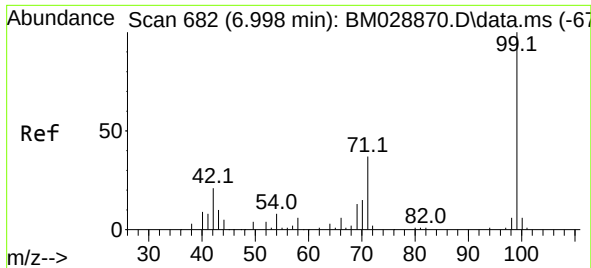
Tgt Ion:152 Resp: 20290
Ion Ratio Lower Upper
152 100
150 155.4 120.6 181.0
115 62.1 47.2 70.8



#5
2-Fluorophenol
Concen: 27.42 ng
RT: 5.246 min Scan# 384
Delta R.T. -0.000 min
Lab File: BM029064.D
Acq: 10 Mar 2021 02:10

Tgt Ion:112 Resp: 16782
Ion Ratio Lower Upper
112 100
64 62.5 50.6 76.0
63 34.9 31.0 46.6

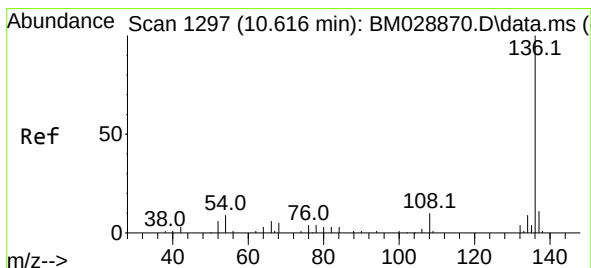
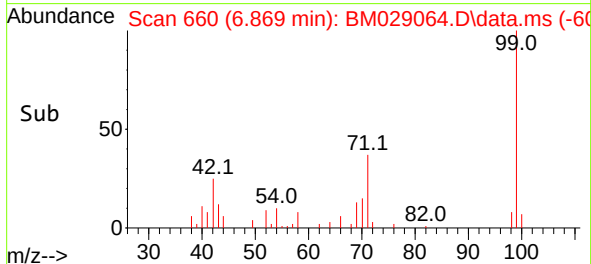
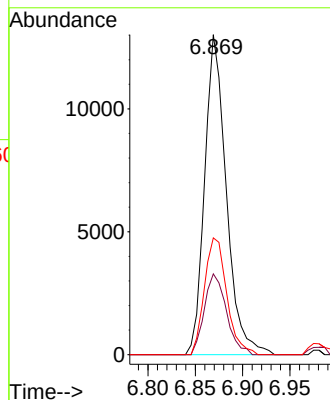
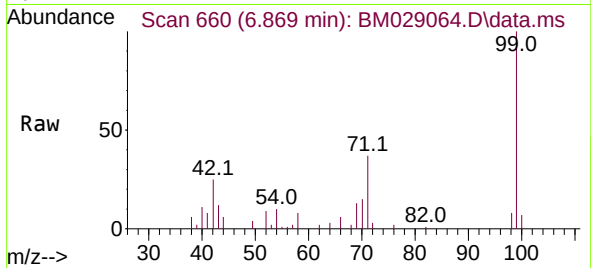




#7
Phenol-d6
Concen: 25.57 ng
RT: 6.869 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM029064.D
Acq: 10 Mar 2021 02:10

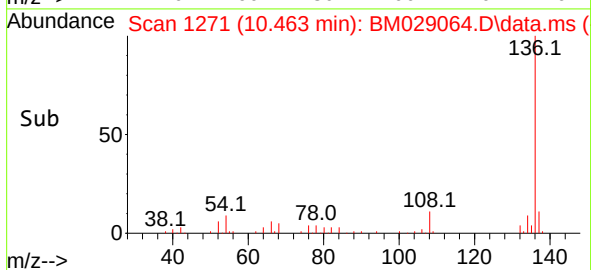
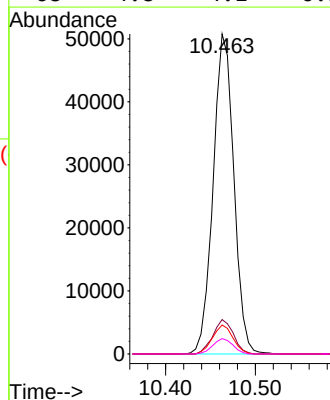
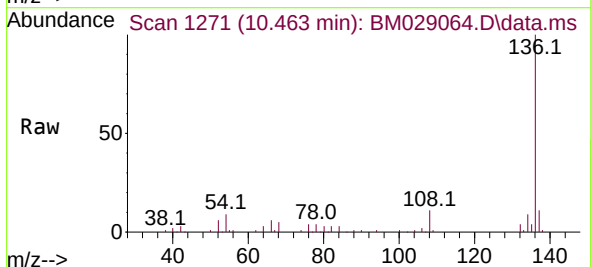
Instrument :
BNA_M
ClientSampleId :
OK-02-030821

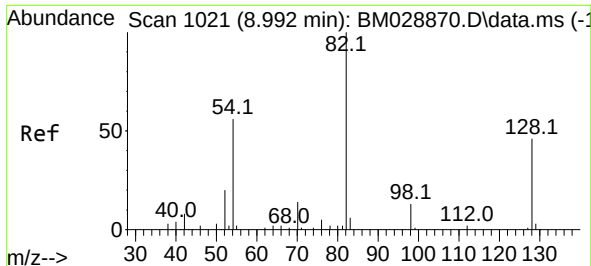
Tgt Ion:	99	Resp:	20668
Ion	Ratio	Lower	Upper
99	100		
42	25.3	13.5	20.3#
71	36.5	39.4	59.0#



#21
Naphthalene-d8
Concen: 40.00 ng
RT: 10.463 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BM029064.D
Acq: 10 Mar 2021 02:10

Tgt Ion:	136	Resp:	81267
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.1	4.6	7.0#
68	4.8	4.1	6.1

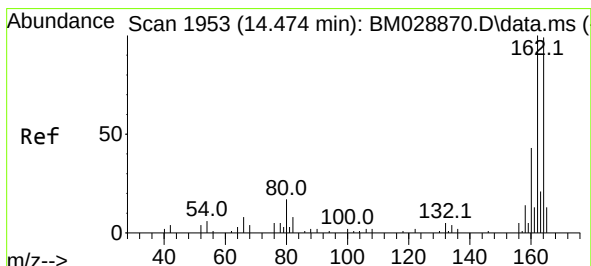
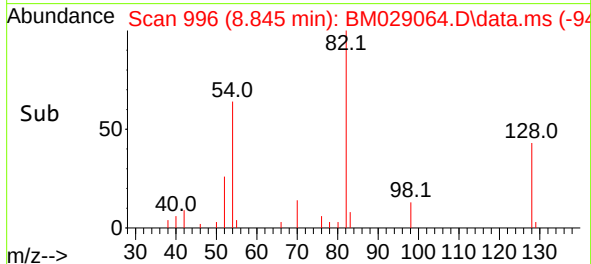
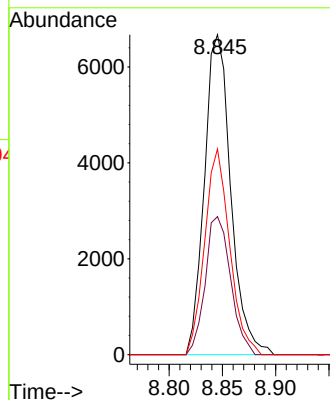
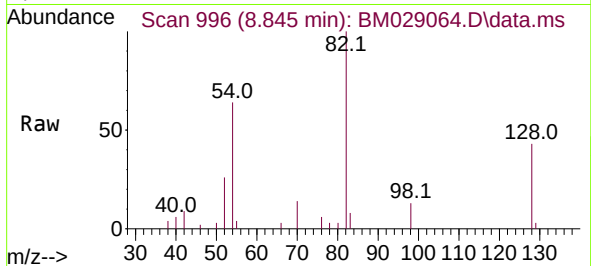




#23
Nitrobenzene-d5
Concen: 15.28 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM029064.D
Acq: 10 Mar 2021 02:10

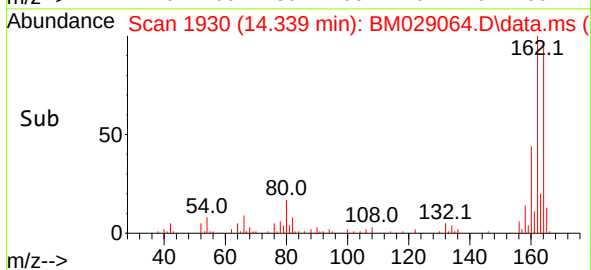
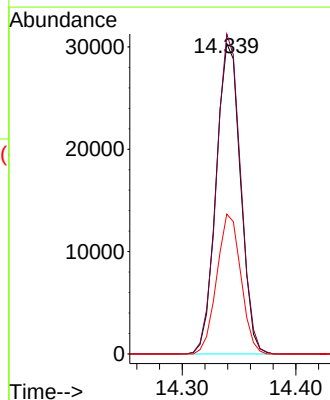
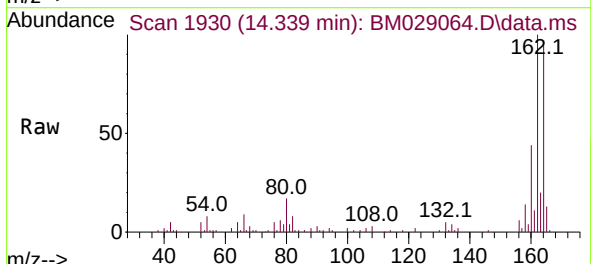
Instrument :
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ClientSampleId :
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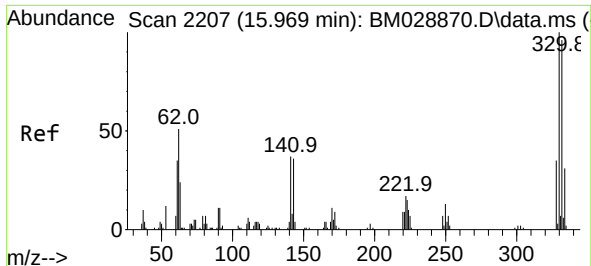
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	27.4	41.0#
54	64.3	31.4	47.0#



#39
Acenaphthene-d10
Concen: 40.00 ng
RT: 14.339 min Scan# 1930
Delta R.T. -0.000 min
Lab File: BM029064.D
Acq: 10 Mar 2021 02:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.4	120.6
160	45.1	35.9	53.9

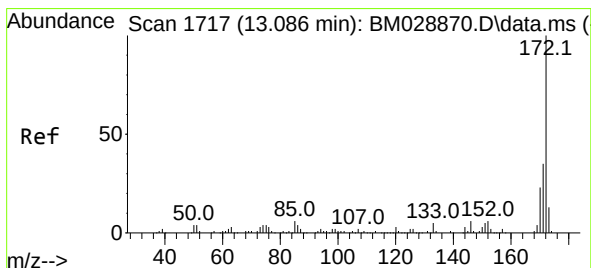
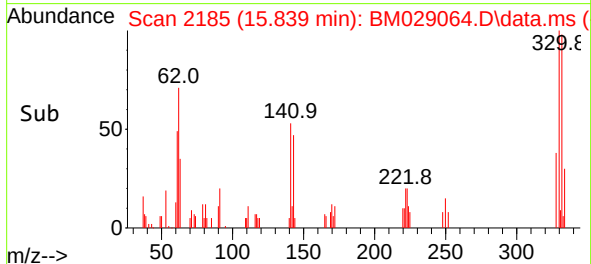
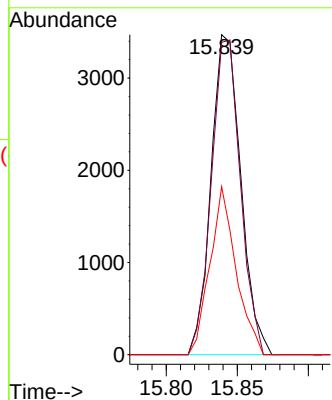
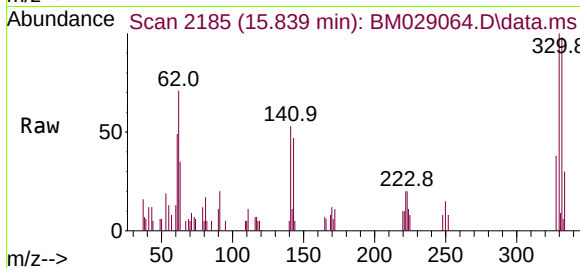




#42
2,4,6-Tribromophenol
Concen: 18.88 ng
RT: 15.839 min Scan# 2185
Delta R.T. -0.000 min
Lab File: BM029064.D
Acq: 10 Mar 2021 02:10

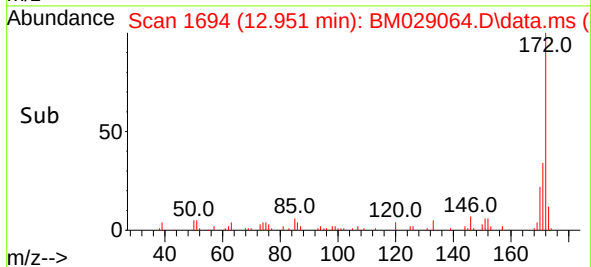
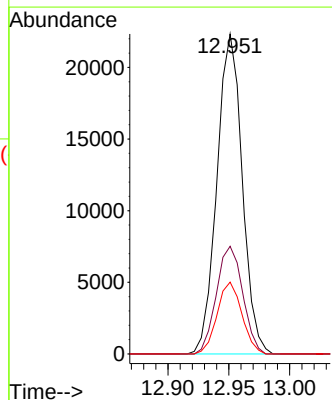
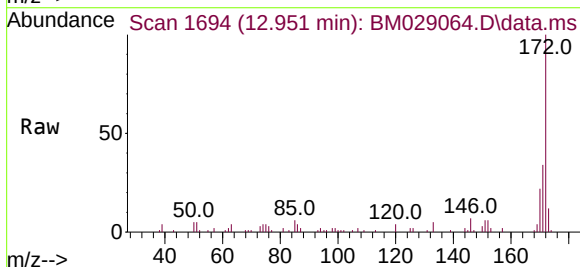
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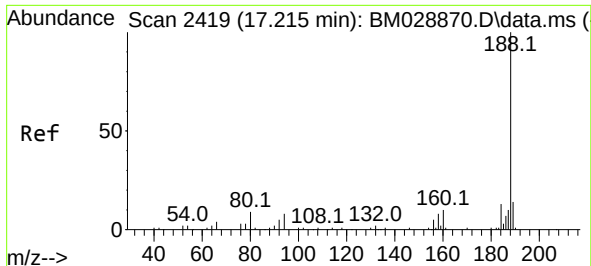
Tgt Ion:330 Resp: 5060
Ion Ratio Lower Upper
330 100
332 95.8 77.8 116.8
141 46.2 28.4 42.6#



#45
2-Fluorobiphenyl
Concen: 19.01 ng
RT: 12.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BM029064.D
Acq: 10 Mar 2021 02:10

Tgt Ion:172 Resp: 32298
Ion Ratio Lower Upper
172 100
171 33.7 27.8 41.8
170 22.5 18.6 27.8

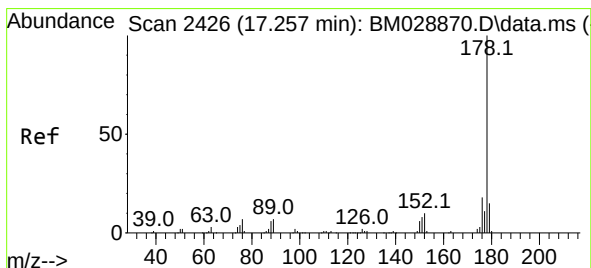
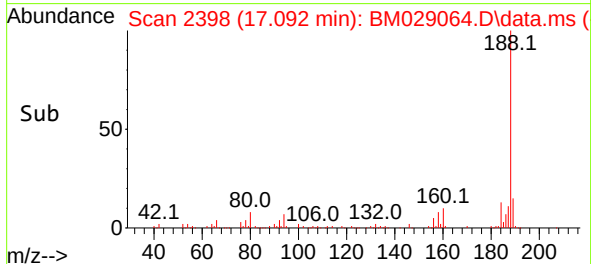
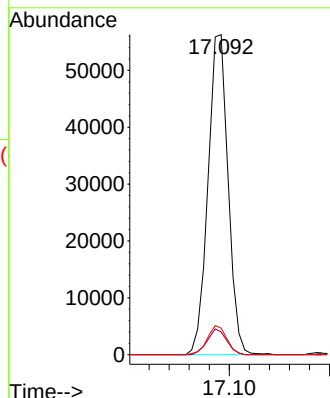
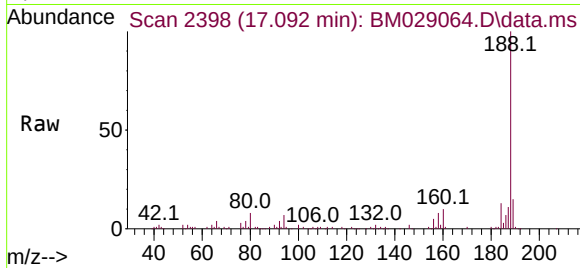




#64
Phenanthrene-d10
Concen: 40.00 ng
RT: 17.092 min Scan# 2398
Delta R.T. 0.006 min
Lab File: BM029064.D
Acq: 10 Mar 2021 02:10

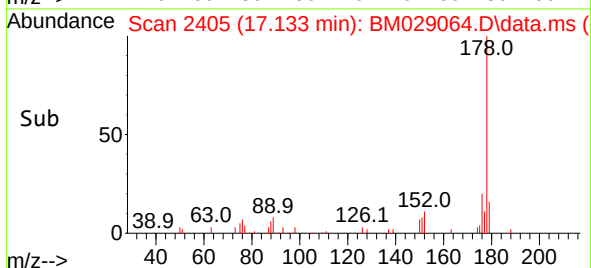
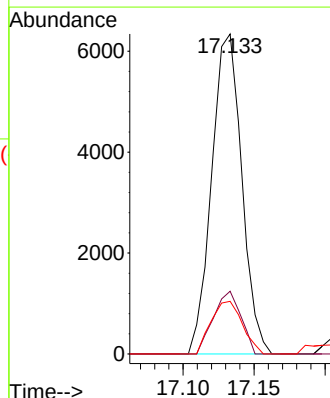
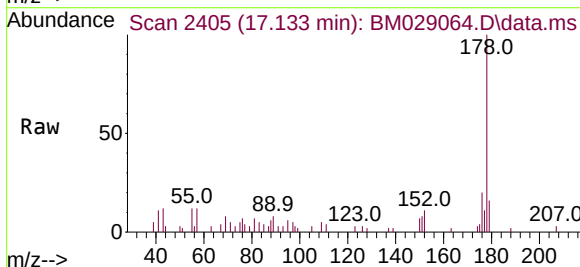
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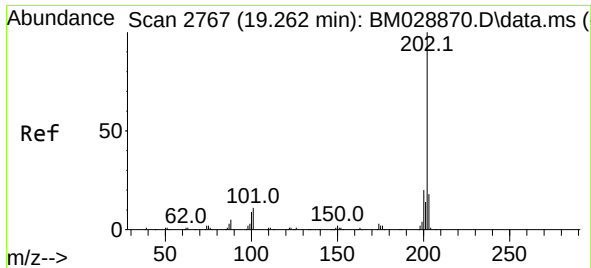
Tgt Ion:188 Resp: 78475
Ion Ratio Lower Upper
188 100
94 7.1 6.2 9.4
80 8.3 7.5 11.3



#71
Phenanthrene
Concen: 4.00 ng
RT: 17.133 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BM029064.D
Acq: 10 Mar 2021 02:10

Tgt Ion:178 Resp: 9339
Ion Ratio Lower Upper
178 100
176 19.6 15.0 22.6
179 16.5 12.2 18.4

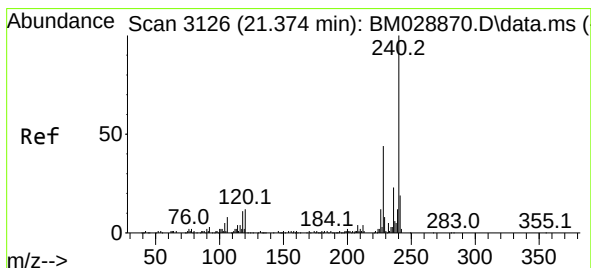
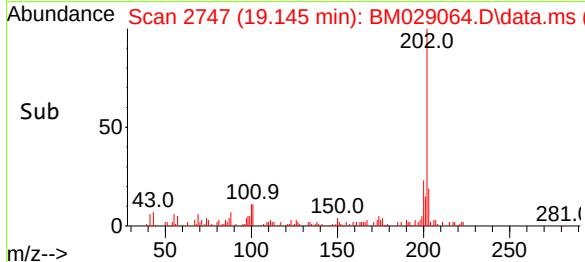
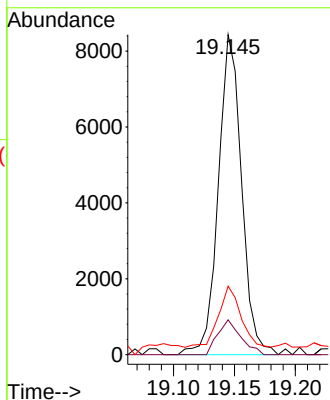
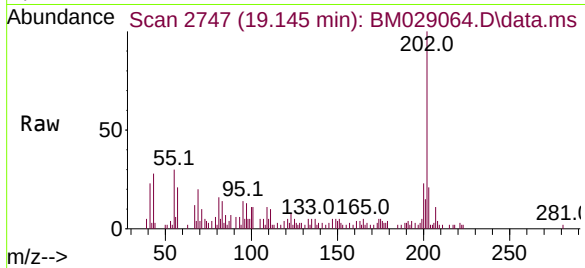




#75
Fluoranthene
Concen: 4.37 ng
RT: 19.145 min Scan# 2747
Delta R.T. -0.000 min
Lab File: BM029064.D
Acq: 10 Mar 2021 02:10

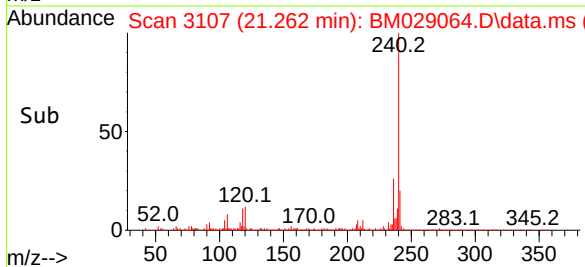
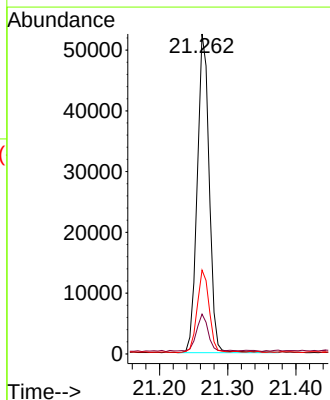
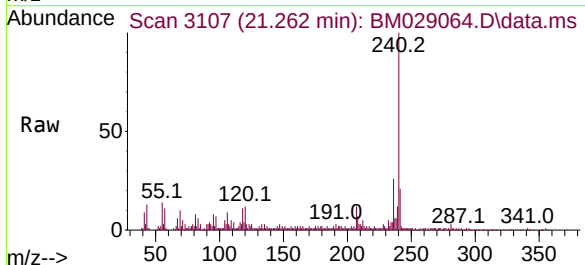
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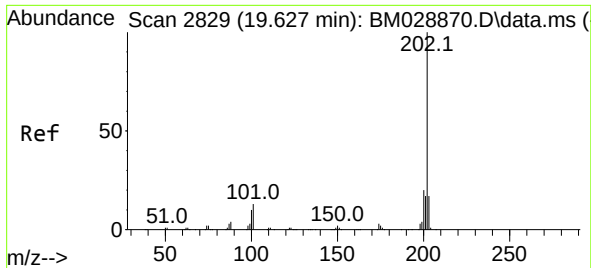
Tgt Ion:202	Resp:	11218
Ion Ratio	Lower	Upper
202	100	
101	10.9	0.0 28.5
203	21.4	0.0 37.3



#76
Chrysene-d12
Concen: 40.00 ng
RT: 21.262 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BM029064.D
Acq: 10 Mar 2021 02:10

Tgt Ion:240	Resp:	63953
Ion Ratio	Lower	Upper
240	100	
120	12.5	6.4 9.6#
236	26.2	20.1 30.1

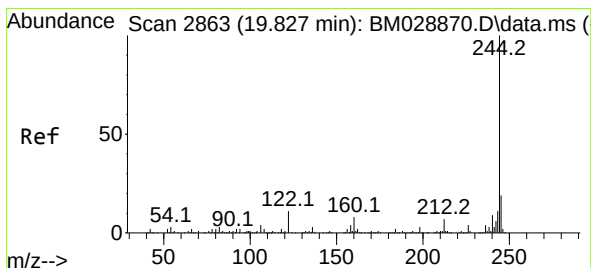
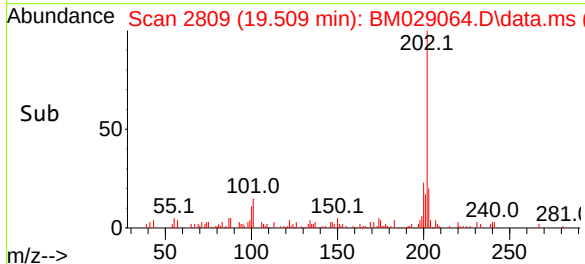
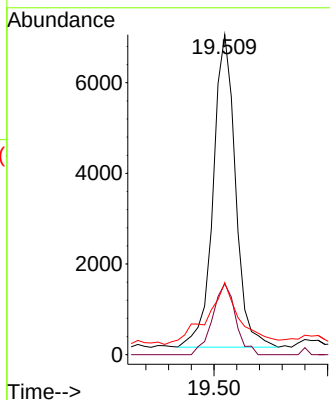
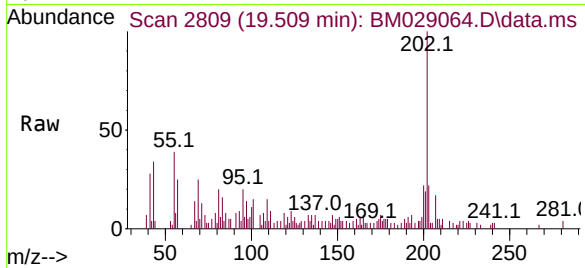




#78
 Pyrene
 Concen: 4.01 ng
 RT: 19.509 min Scan# 2809
 Delta R.T. 0.006 min
 Lab File: BM029064.D
 Acq: 10 Mar 2021 02:10

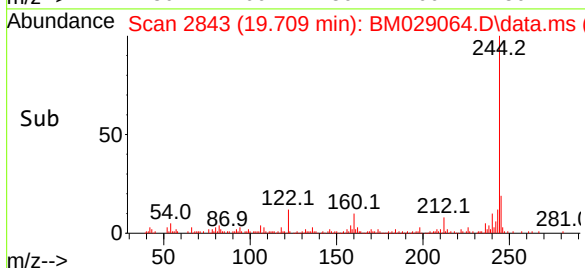
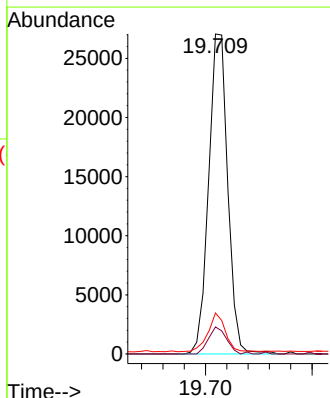
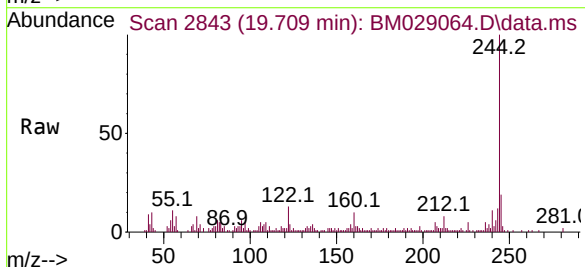
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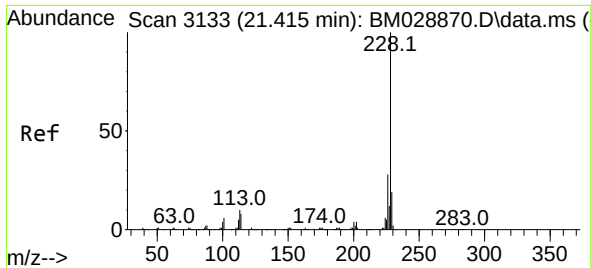
Tgt Ion:	202	Resp:	9427
Ion Ratio	Lower	Upper	
202	100		
200	22.1	16.6	24.8
203	22.5	13.8	20.6#



#79
 Terphenyl-d14
 Concen: 19.47 ng
 RT: 19.709 min Scan# 2843
 Delta R.T. -0.000 min
 Lab File: BM029064.D
 Acq: 10 Mar 2021 02:10

Tgt Ion:	244	Resp:	33717
Ion Ratio	Lower	Upper	
244	100		
212	8.4	5.8	8.8
122	12.8	6.5	9.7#

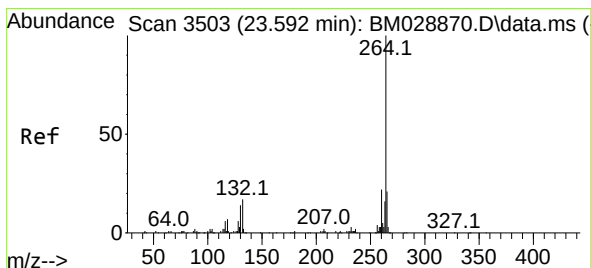
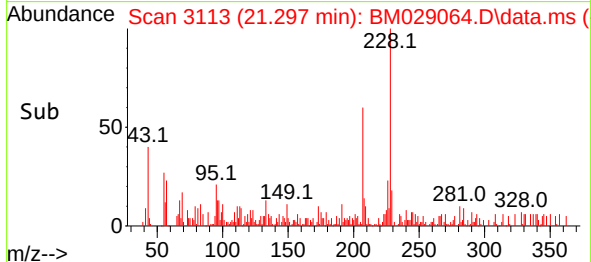
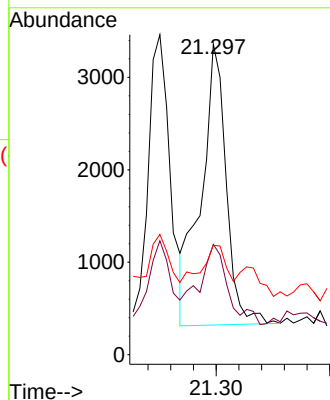
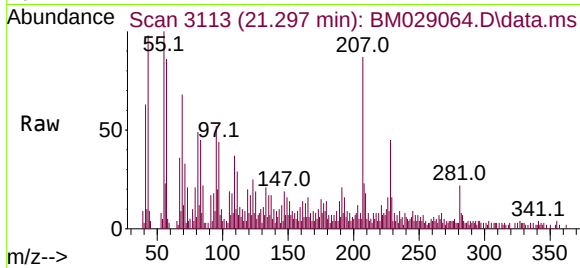




#83
Chrysene
Concen: 2.18 ng
RT: 21.297 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM029064.D
Acq: 10 Mar 2021 02:10

Instrument :
BNA_M
ClientSampleId :
OK-02-030821

Tgt Ion:228 Resp: 4706
Ion Ratio Lower Upper
228 100
226 35.5 23.4 35.0#
229 35.2 15.7 23.5#



#86
Perylene-d12
Concen: 40.00 ng
RT: 23.433 min Scan# 3476
Delta R.T. 0.012 min
Lab File: BM029064.D
Acq: 10 Mar 2021 02:10

Tgt Ion:264 Resp: 66933
Ion Ratio Lower Upper
264 100
260 24.6 19.0 28.4
265 24.1 17.7 26.5

