

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
 Data File : BM034384.D
 Acq On : 25 Mar 2022 14:36
 Operator : CG/JU
 Sample : N2108-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 R206

Quant Time: Mar 26 05:38:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 02:40:59 2022
 Response via : Initial Calibration

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

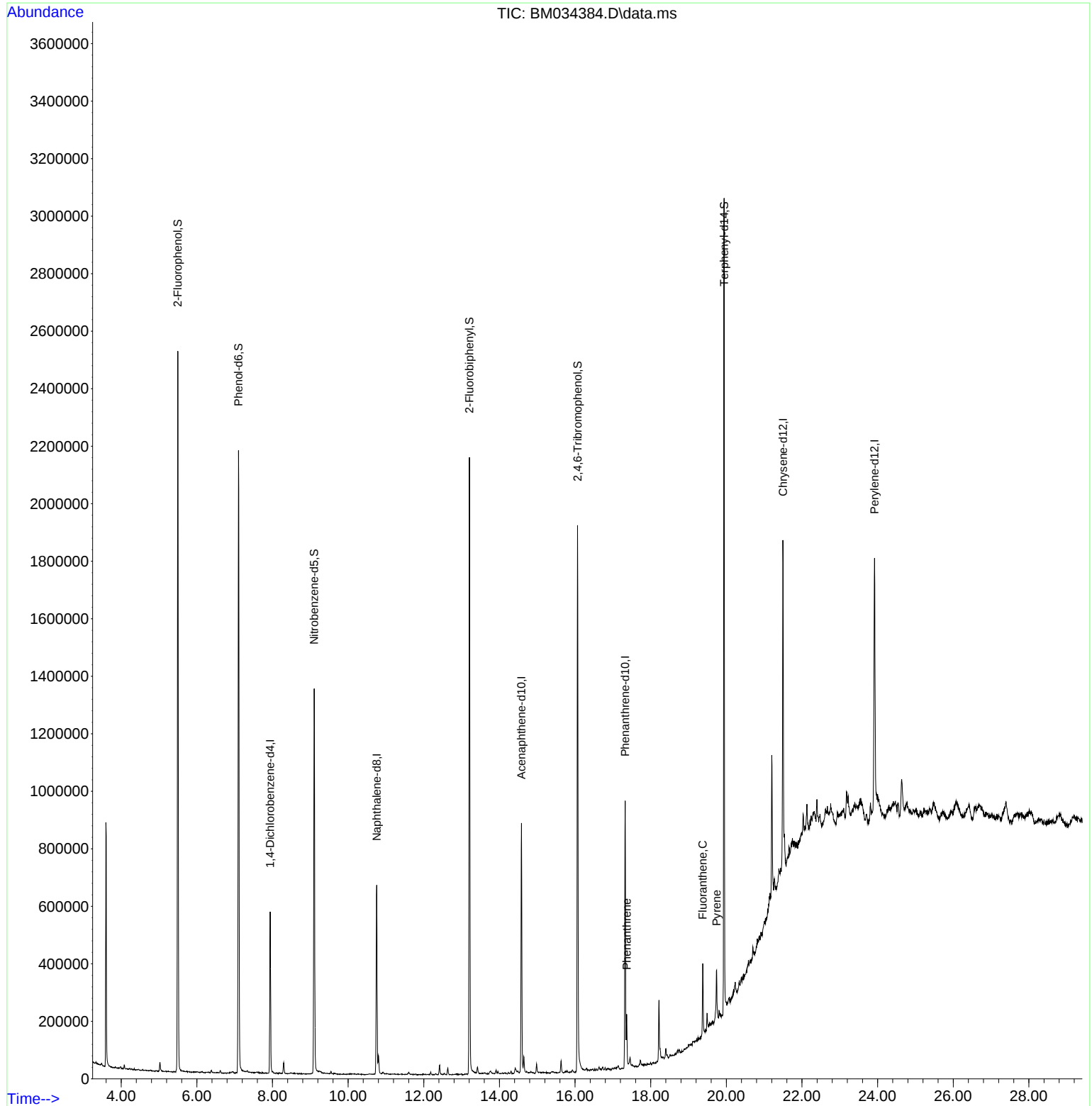
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	145810	20.000	ng	0.00
21) Naphthalene-d8	10.754	136	542767	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	296487	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	553282	20.000	ng	0.00
76) Chrysene-d12	21.495	240	590012	20.000	ng	0.00
86) Perylene-d12	23.918	264	699426	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	990510	121.867	ng	0.00
7) Phenol-d6	7.101	99	1187847	102.074	ng	0.00
23) Nitrobenzene-d5	9.101	82	794569	71.274	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	358287	89.655	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	1082315	49.883	ng	0.00
79) Terphenyl-d14	19.942	244	1379491	40.627	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.365	178	100754	3.252	ng	98
75) Fluoranthene	19.377	202	141001	4.059	ng	95
78) Pyrene	19.742	202	113268	2.725	ng	99

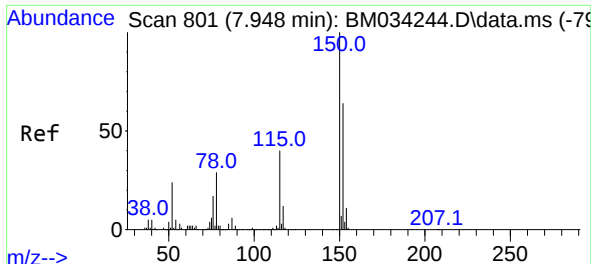
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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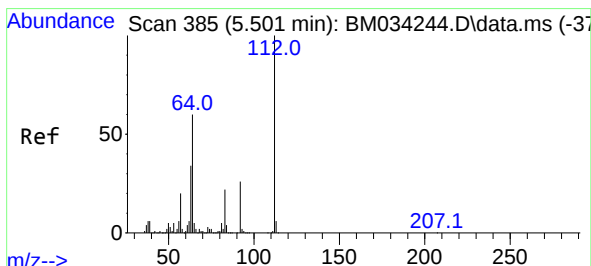
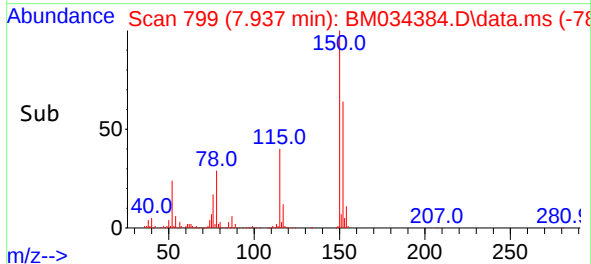
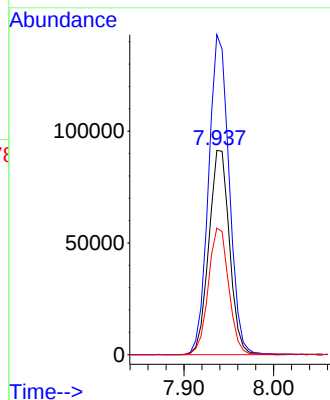
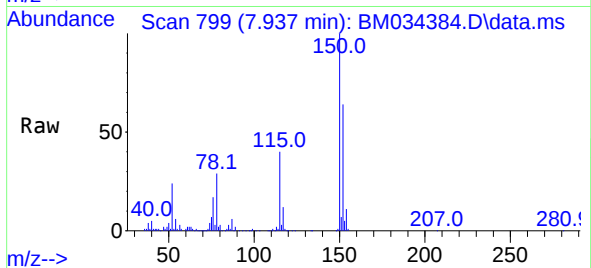




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 79
Delta R.T. -0.005 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

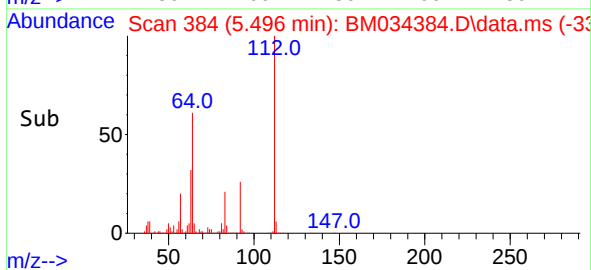
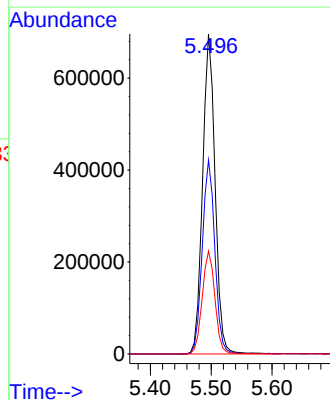
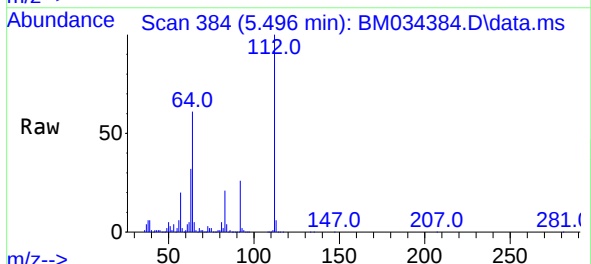
Instrument :
BNA_M
ClientSampleId :
R206

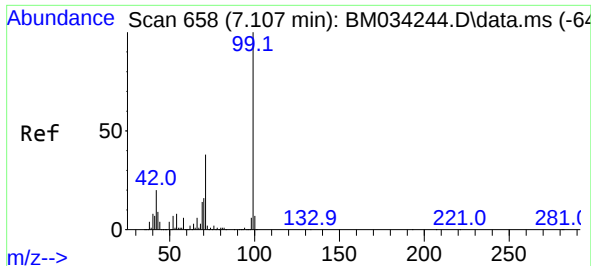
Tgt Ion:152 Resp: 145810
Ion Ratio Lower Upper
152 100
150 156.6 125.4 188.2
115 62.0 50.1 75.1



#5
2-Fluorophenol
Concen: 121.867 ng
RT: 5.496 min Scan# 384
Delta R.T. 0.006 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

Tgt Ion:112 Resp: 990510
Ion Ratio Lower Upper
112 100
64 60.6 47.9 71.9
63 32.2 27.1 40.7



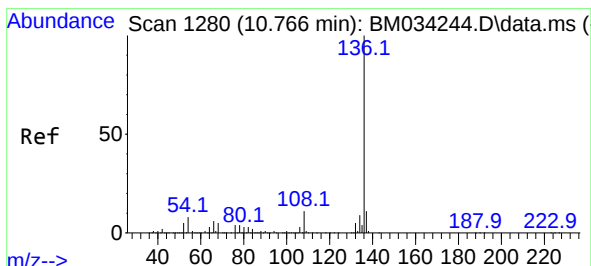
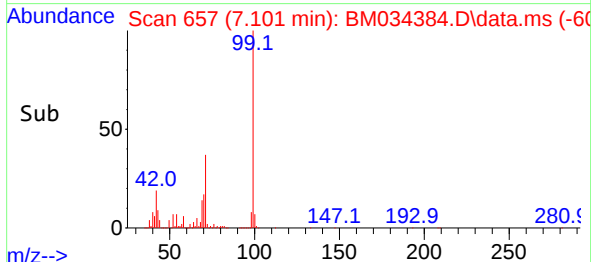
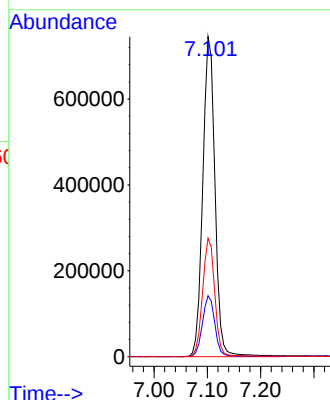
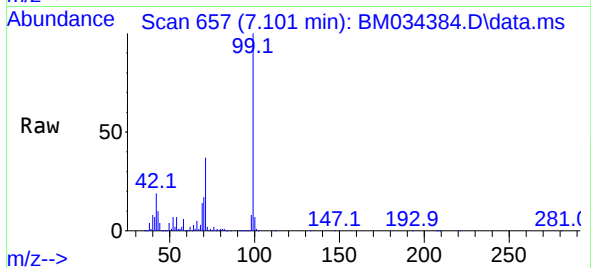


#7
Phenol-d6
Concen: 102.074 ng
RT: 7.101 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

Instrument :
BNA_M
ClientSampleId :
R206

Tgt Ion: 99 Resp: 1187847

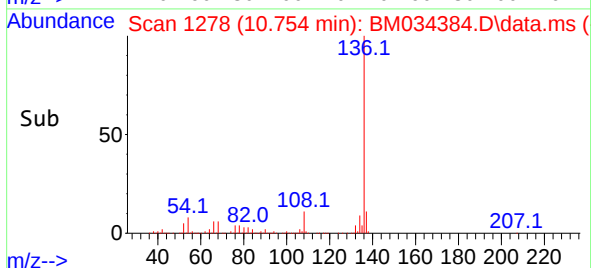
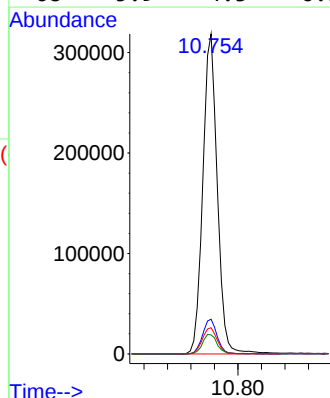
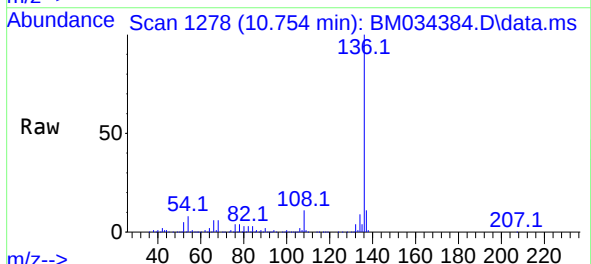
Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.6	23.4
71	37.0	30.6	46.0

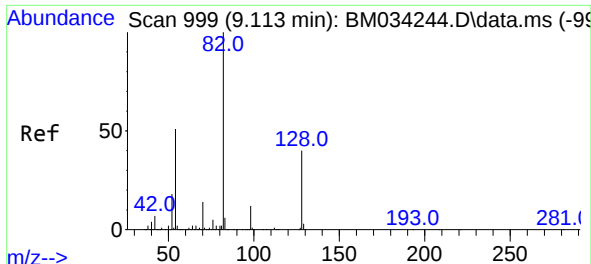


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.754 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

Tgt Ion: 136 Resp: 542767

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.2	6.2	9.4
68	5.9	4.3	6.5

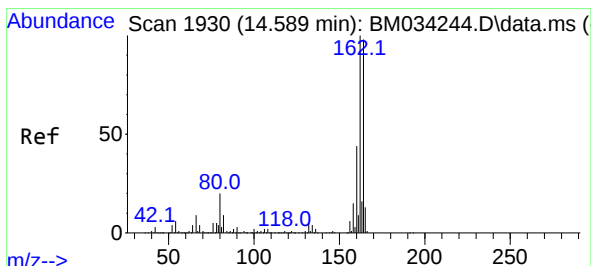
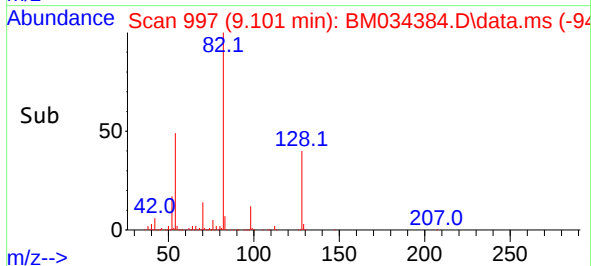
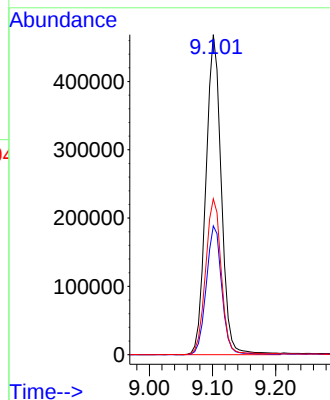
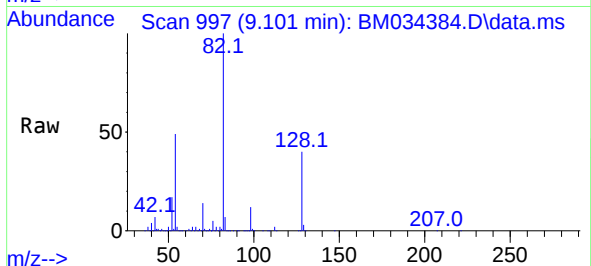




#23
Nitrobenzene-d5
Concen: 71.274 ng
RT: 9.101 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

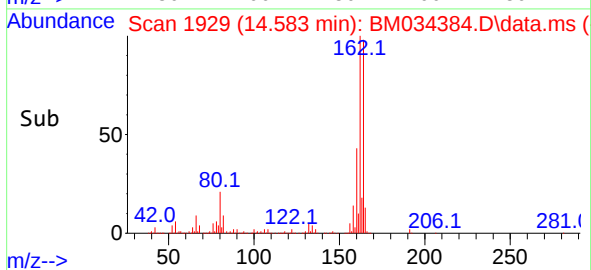
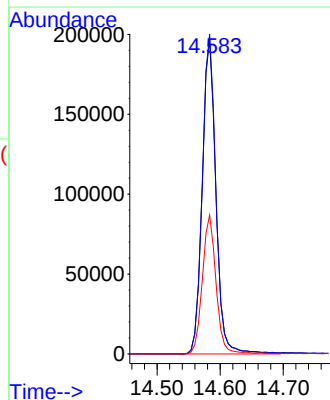
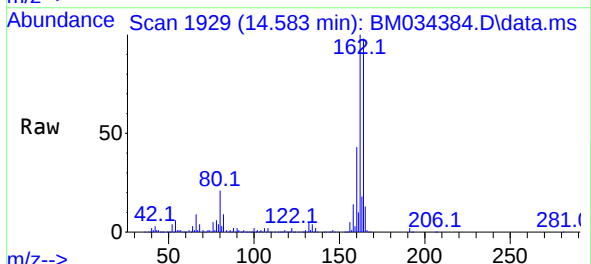
Instrument :
BNA_M
ClientSampleId :
R206

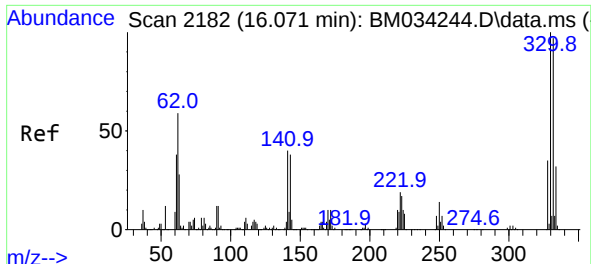
Tgt Ion: 82 Resp: 794569
Ion Ratio Lower Upper
82 100
128 40.3 31.9 47.9
54 48.7 40.6 61.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

Tgt Ion:164 Resp: 296487
Ion Ratio Lower Upper
164 100
162 101.9 81.6 122.4
160 44.2 35.6 53.4

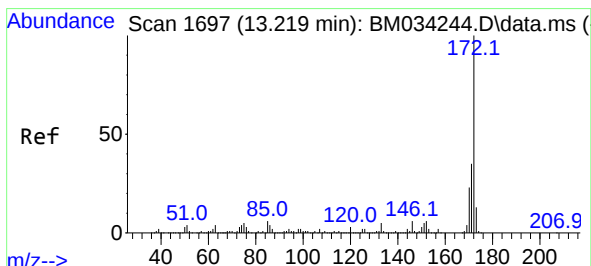
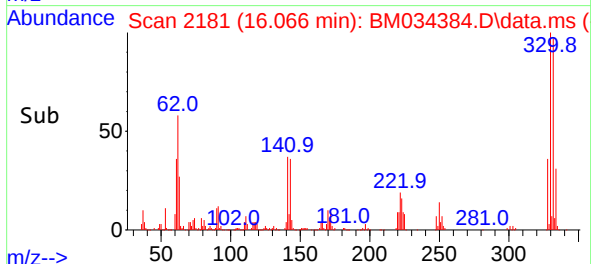
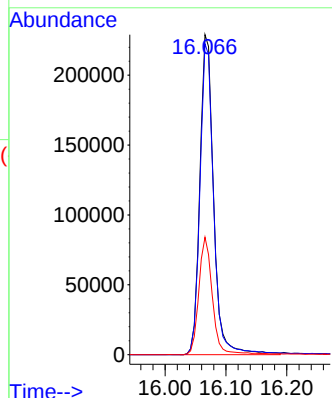
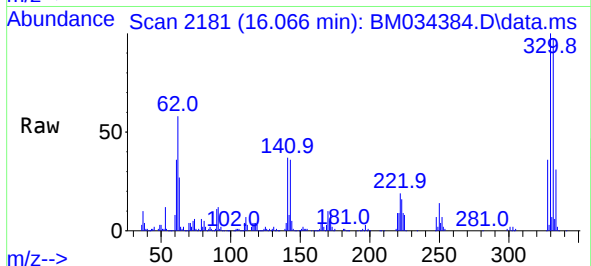




#42
2,4,6-Tribromophenol
Concen: 89.655 ng
RT: 16.066 min Scan# 2182
Delta R.T. 0.000 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

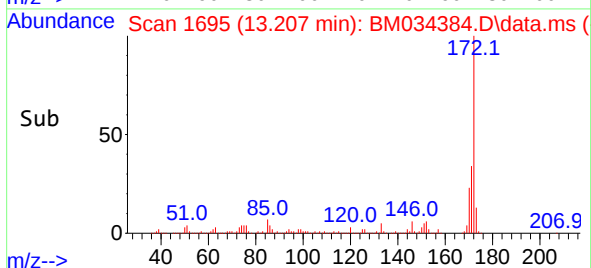
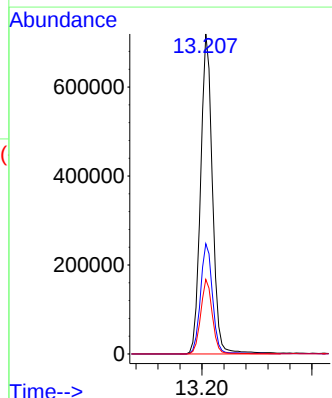
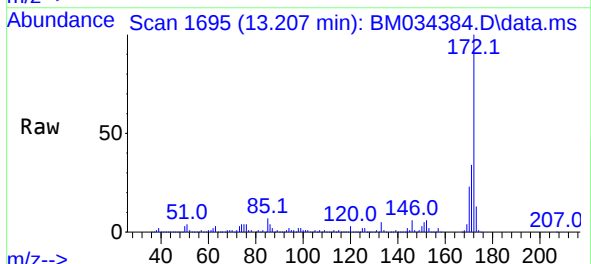
Instrument :
BNA_M
ClientSampleId :
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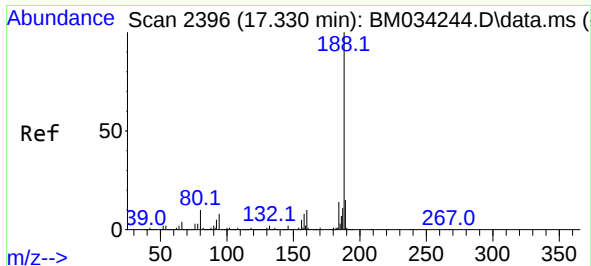
Tgt Ion:330 Resp: 358287
Ion Ratio Lower Upper
330 100
332 97.5 78.2 117.4
141 36.8 30.6 45.8



#45
2-Fluorobiphenyl
Concen: 49.883 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

Tgt Ion:172 Resp: 1082315
Ion Ratio Lower Upper
172 100
171 34.4 28.0 42.0
170 23.3 18.6 28.0

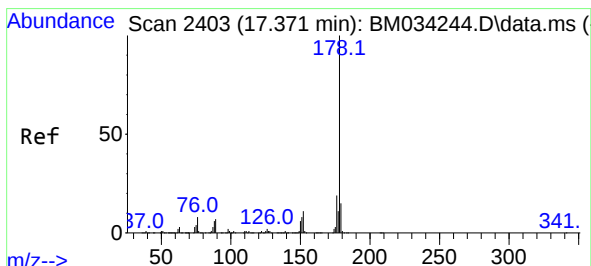
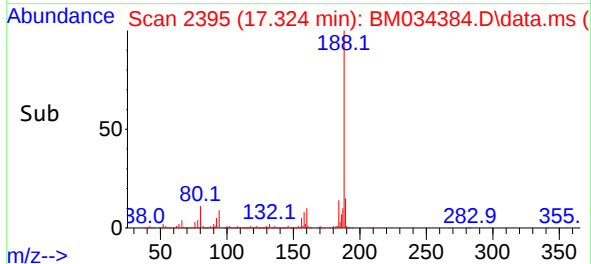
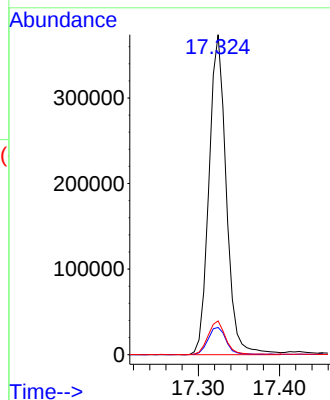
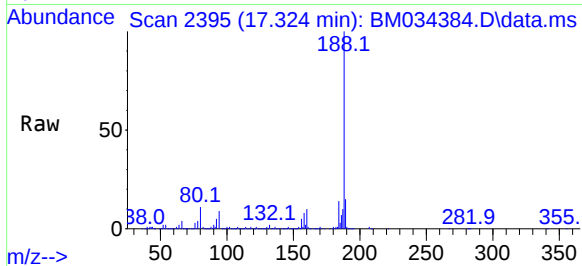




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

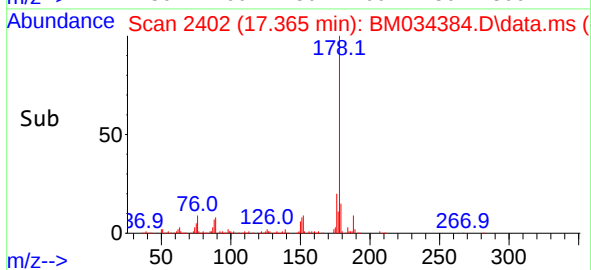
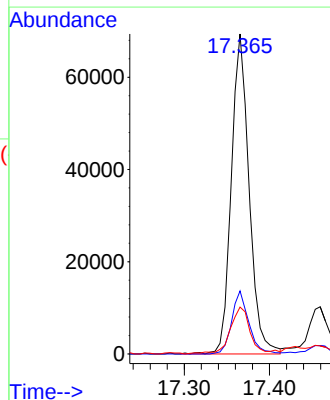
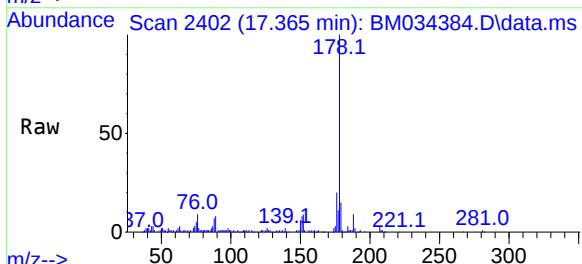
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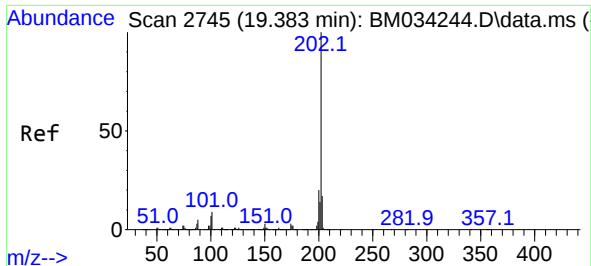
Tgt Ion:188 Resp: 553282
Ion Ratio Lower Upper
188 100
94 8.5 6.6 9.8
80 10.6 7.8 11.8



#71
Phenanthrene
Concen: 3.252 ng
RT: 17.365 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

Tgt Ion:178 Resp: 100754
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 14.6 12.2 18.4

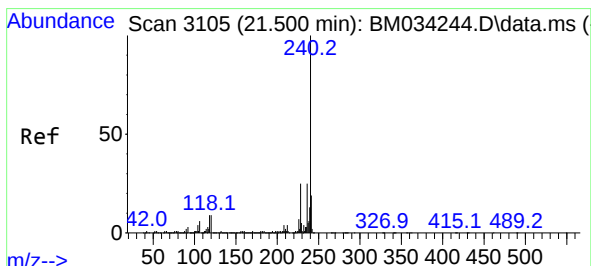
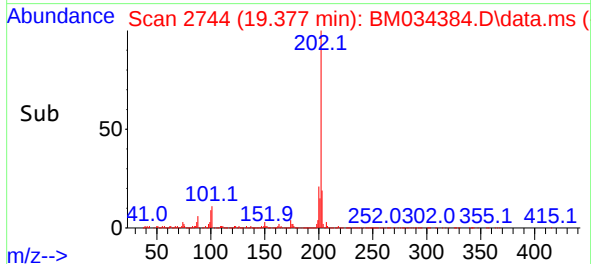
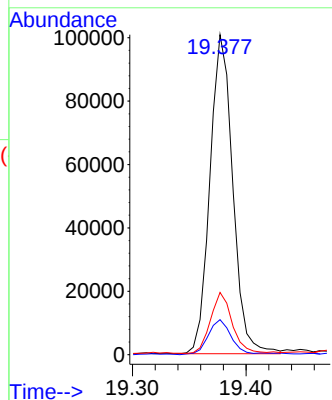
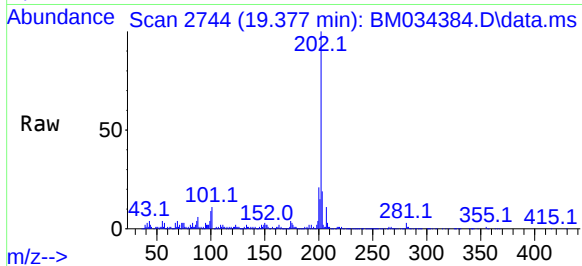




#75
Fluoranthene
Concen: 4.059 ng
RT: 19.377 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

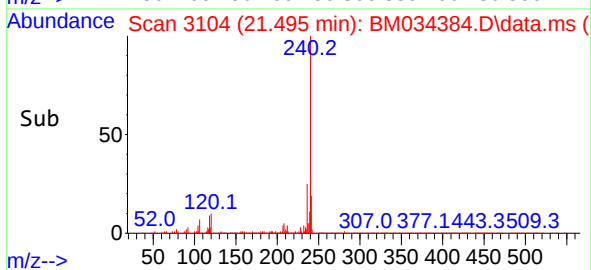
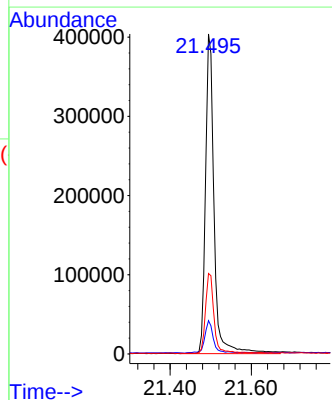
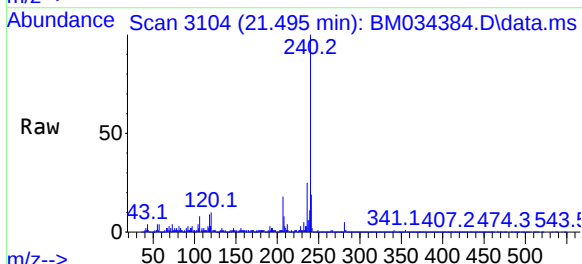
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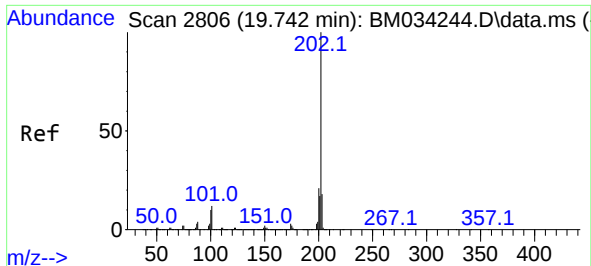
Tgt Ion:	202	Resp:	141001
Ion Ratio	Lower	Upper	
202	100		
101	10.9	0.0	29.4
203	19.5	0.0	37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

Tgt Ion:	240	Resp:	590012
Ion Ratio	Lower	Upper	
240	100		
120	10.4	7.3	10.9
236	25.1	20.2	30.2

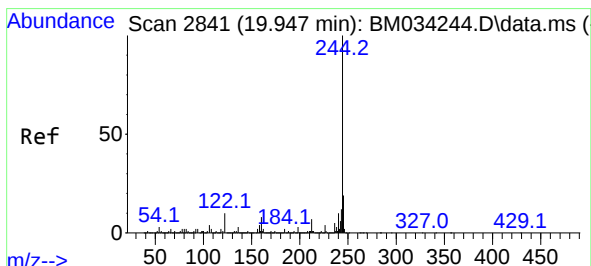
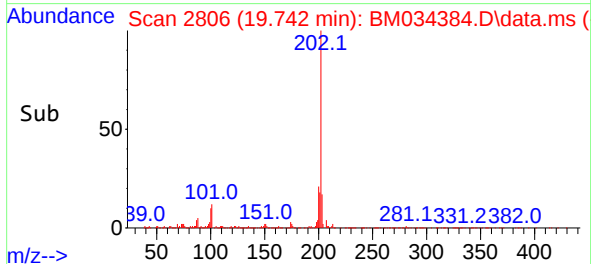
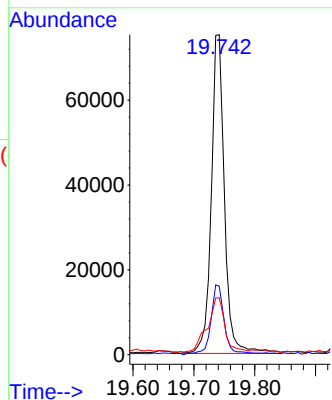
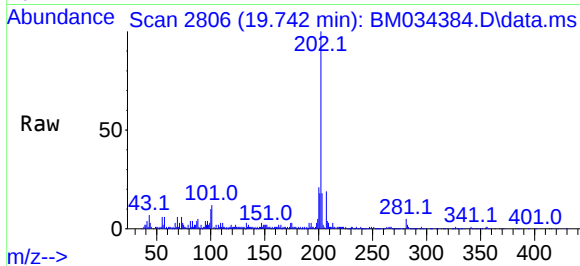




#78
Pyrene
Concen: 2.725 ng
RT: 19.742 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

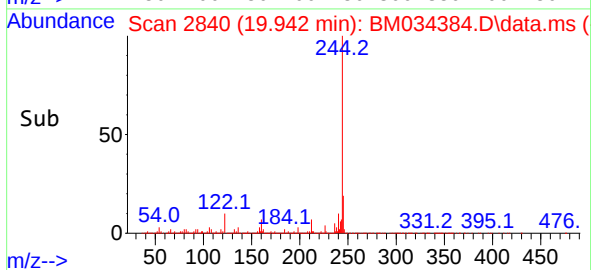
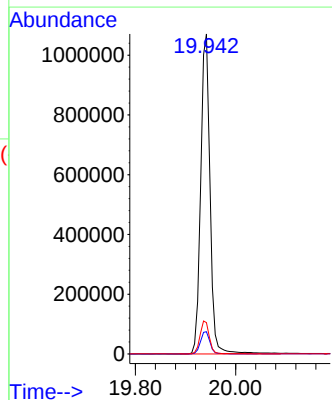
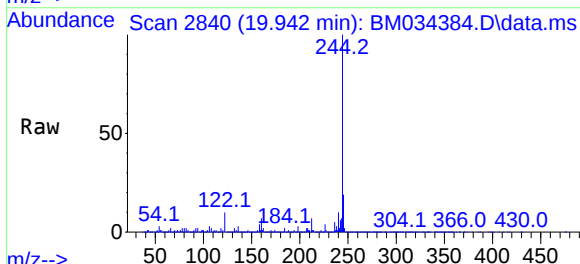
Instrument :
BNA_M
ClientSampleId :
R206

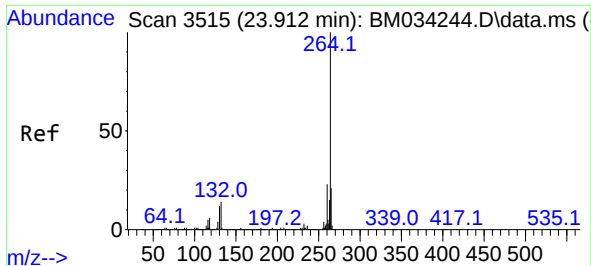
Tgt Ion:202 Resp: 113268
Ion Ratio Lower Upper
202 100
200 21.4 16.6 24.8
203 17.8 14.1 21.1



#79
Terphenyl-d14
Concen: 40.627 ng
RT: 19.942 min Scan# 2840
Delta R.T. 0.006 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

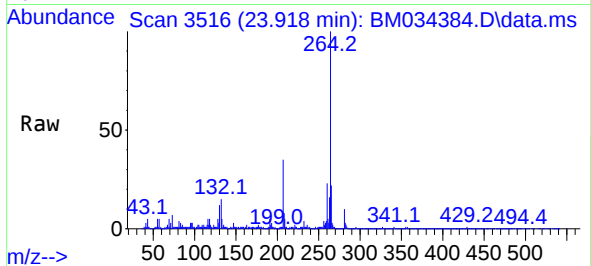
Tgt Ion:244 Resp: 1379491
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 9.8 7.8 11.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.918 min Scan# 31
Delta R.T. 0.012 min
Lab File: BM034384.D
Acq: 25 Mar 2022 14:36

Instrument :
BNA_M
ClientSampleId :
R206



Tgt Ion:264 Resp: 699426

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	22.0	17.6	26.4

