

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032522\
 Data File : BM034383.D
 Acq On : 25 Mar 2022 13:59
 Operator : CG/JU
 Sample : N2084-01DL 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BLDG-3DL

Quant Time: Mar 26 05:38:32 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)

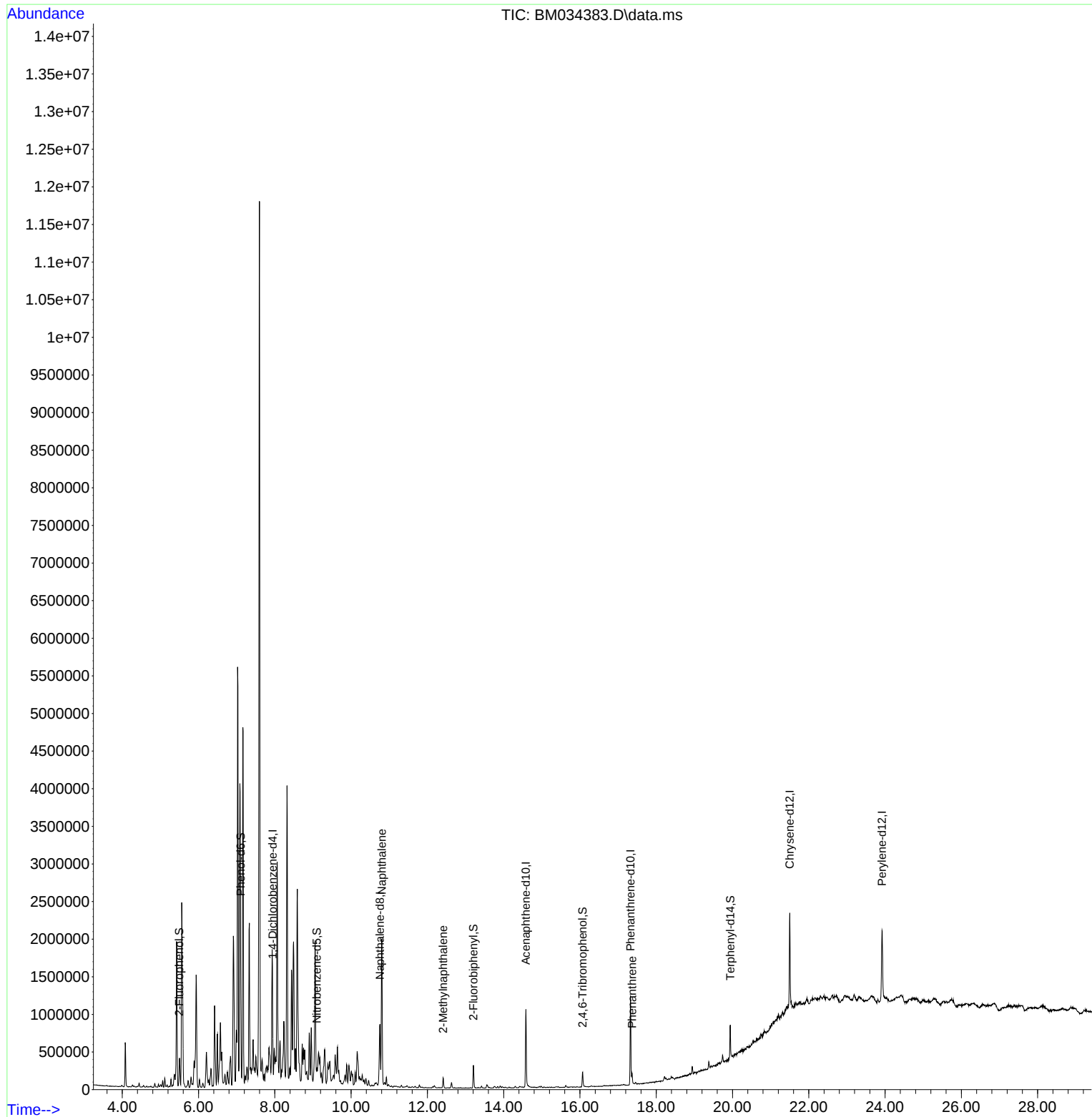
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	156341	20.000	ng	0.00
21) Naphthalene-d8	10.754	136	617561	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	366609	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	700619	20.000	ng	0.00
76) Chrysene-d12	21.500	240	666780	20.000	ng	0.00
86) Perylene-d12	23.918	264	775055	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	87271	10.014	ng	0.00
7) Phenol-d6	7.101	99	107022	8.577	ng	0.00
23) Nitrobenzene-d5	9.101	82	73157	5.767	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	39899	8.074	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	156286	5.825	ng	0.00
79) Terphenyl-d14	19.942	244	224351	5.847	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	10.807	128	1541449	47.911	ng	100
37) 2-Methylnaphthalene	12.413	142	63127	2.750	ng	99
71) Phenanthrene	17.365	178	79987	2.039	ng	99

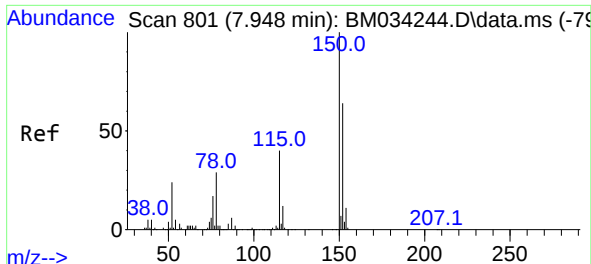
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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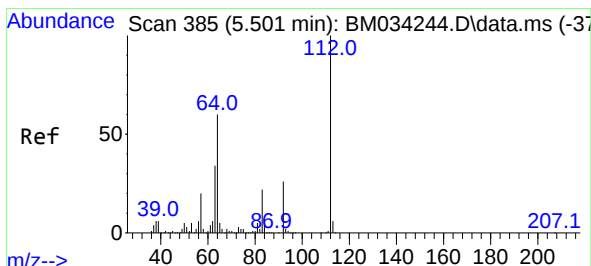
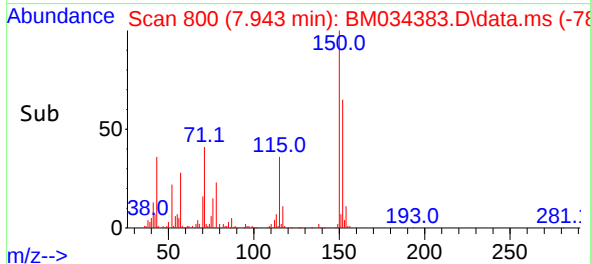
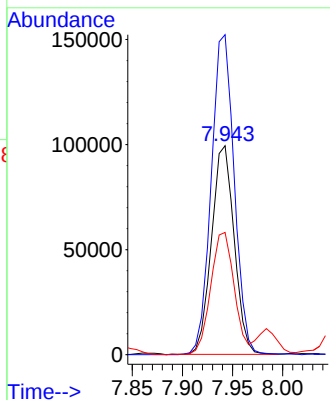
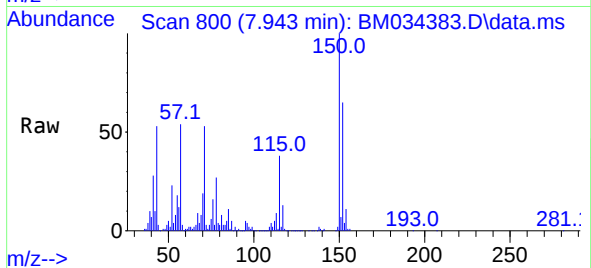




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 801
Delta R.T. 0.001 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

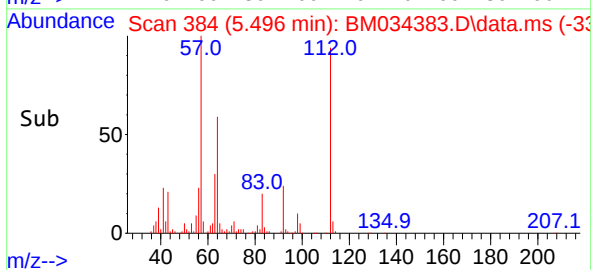
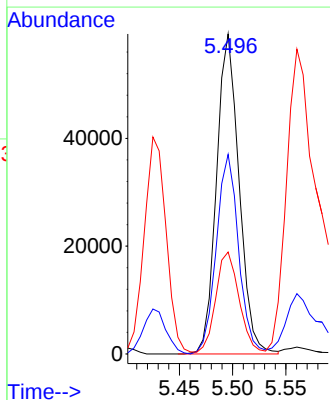
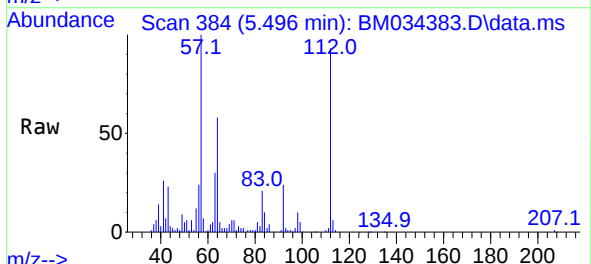
Instrument :
BNA_M
ClientSampleId :
BLDG-3DL

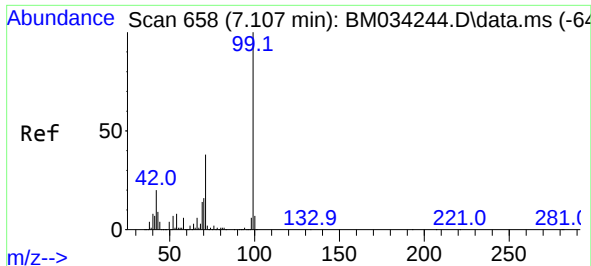
Tgt Ion:152 Resp: 156341
Ion Ratio Lower Upper
152 100
150 153.2 125.4 188.2
115 58.5 50.1 75.1



#5
2-Fluorophenol
Concen: 10.014 ng
RT: 5.496 min Scan# 384
Delta R.T. 0.006 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

Tgt Ion:112 Resp: 87271
Ion Ratio Lower Upper
112 100
64 62.4 47.9 71.9
63 31.8 27.1 40.7

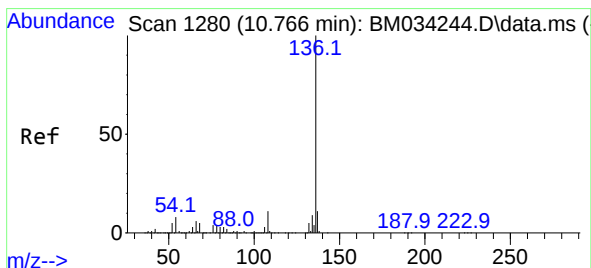
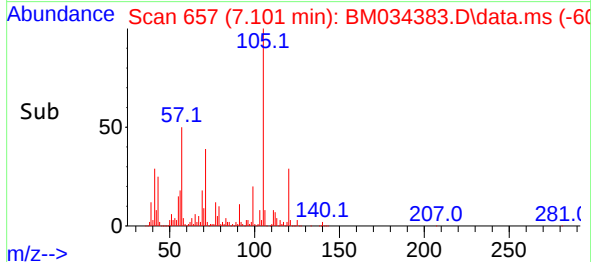
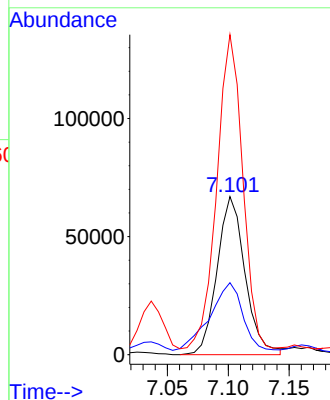
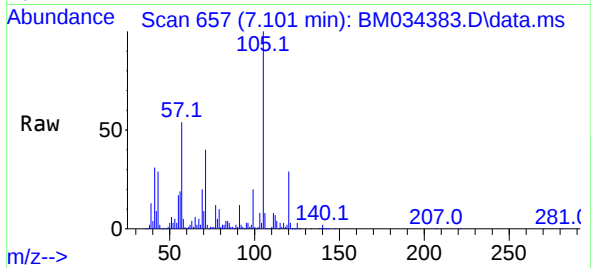




#7
Phenol-d6
Concen: 8.577 ng
RT: 7.101 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

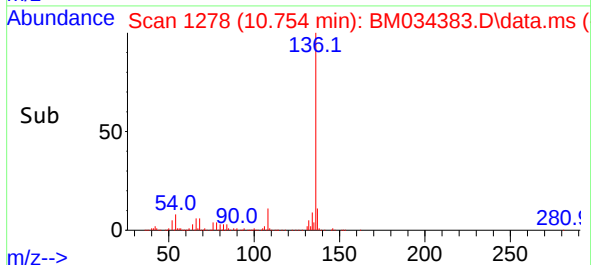
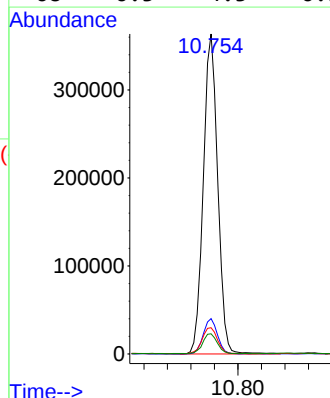
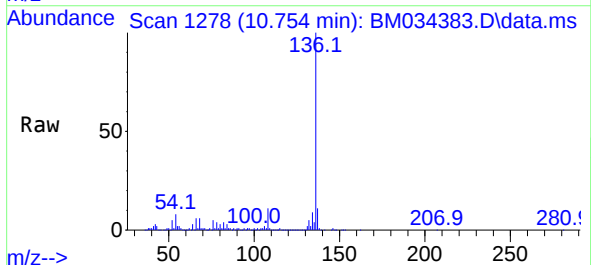
Instrument :
BNA_M
ClientSampleId :
BLDG-3DL

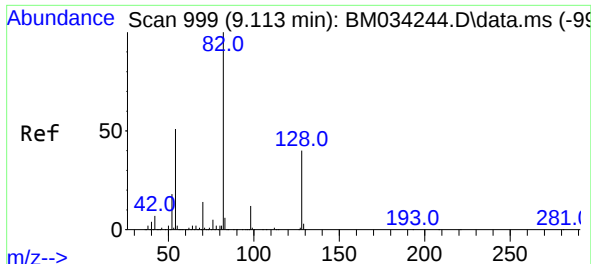
Tgt Ion: 99 Resp: 107022
Ion Ratio Lower Upper
99 100
42 45.6 15.6 23.4#
71 202.5 30.6 46.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.754 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

Tgt Ion: 136 Resp: 617561
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.2 6.2 9.4
68 6.3 4.3 6.5

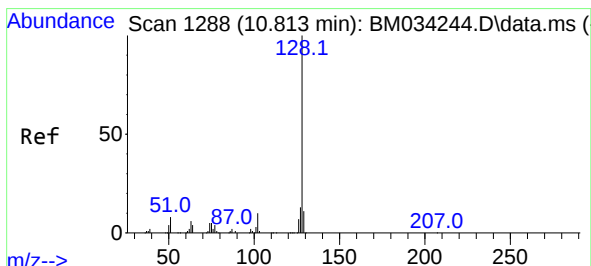
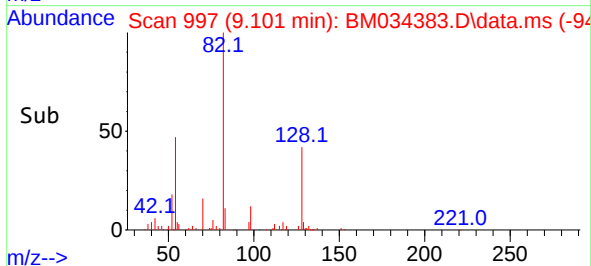
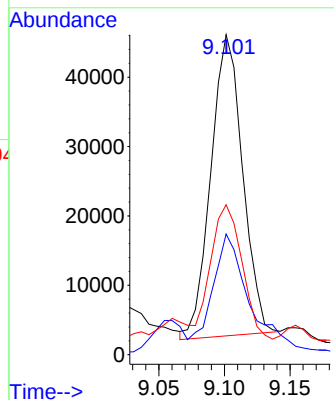
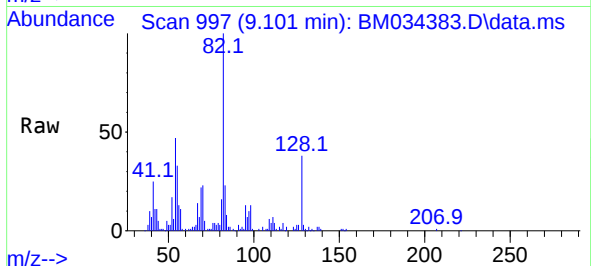




#23
Nitrobenzene-d5
Concen: 5.767 ng
RT: 9.101 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

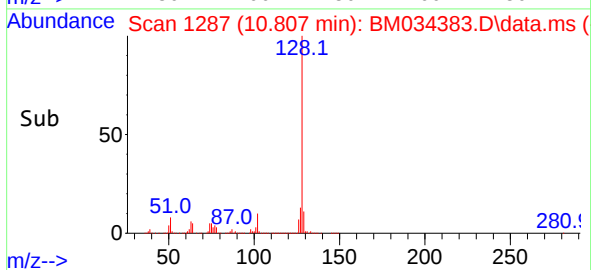
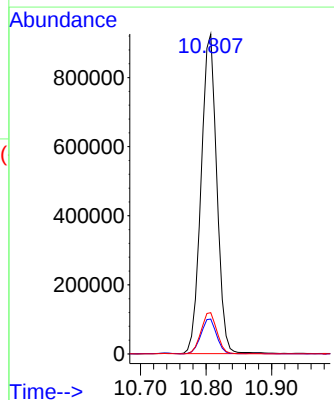
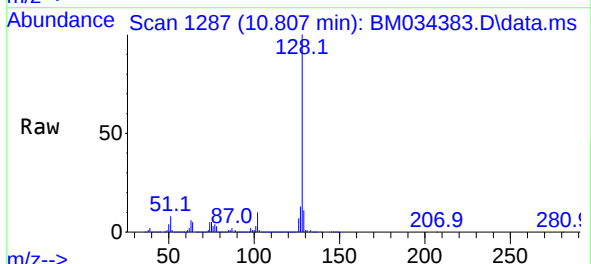
Instrument :
BNA_M
ClientSampleId :
BLDG-3DL

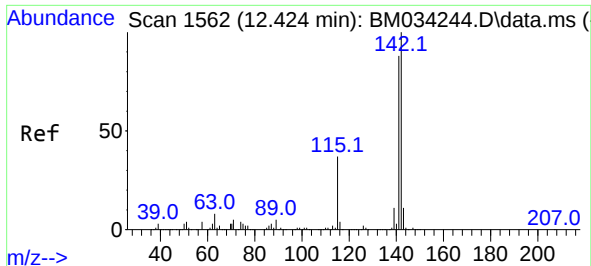
Tgt Ion: 82 Resp: 73157
Ion Ratio Lower Upper
82 100
128 37.7 31.9 47.9
54 46.9 40.6 61.0



#31
Naphthalene
Concen: 47.911 ng
RT: 10.807 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

Tgt Ion: 128 Resp: 1541449
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.9 10.2 15.4





#37

2-Methylnaphthalene

Concen: 2.750 ng

RT: 12.413 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM034383.D

Acq: 25 Mar 2022 13:59

Instrument :

BNA_M

ClientSampleId :

BLDG-3DL

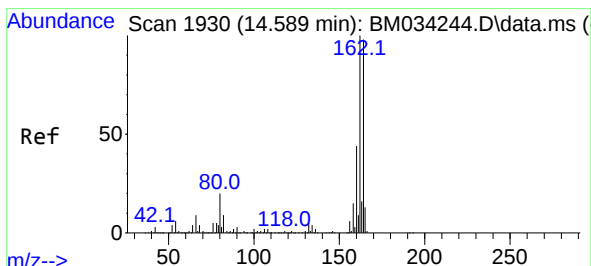
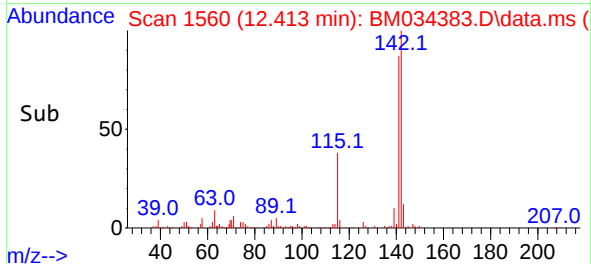
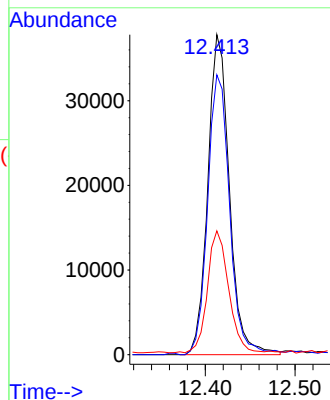
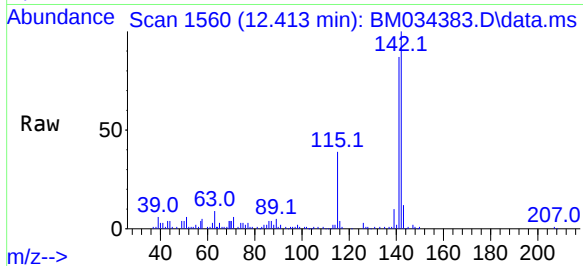
Tgt Ion:142 Resp: 63127

Ion Ratio Lower Upper

142 100

141 87.4 70.1 105.1

115 38.7 29.9 44.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.583 min Scan# 1929

Delta R.T. 0.000 min

Lab File: BM034383.D

Acq: 25 Mar 2022 13:59

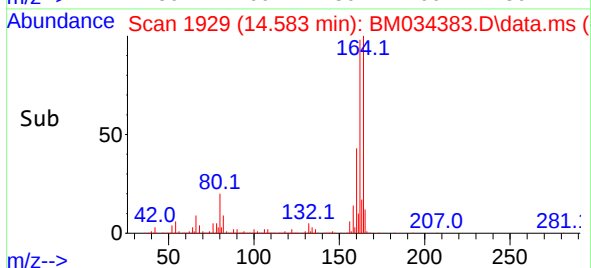
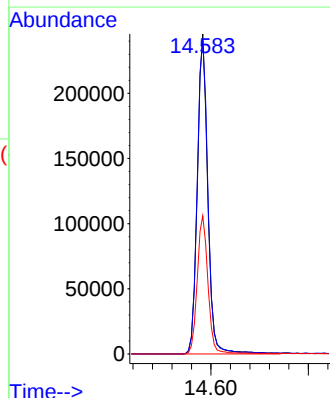
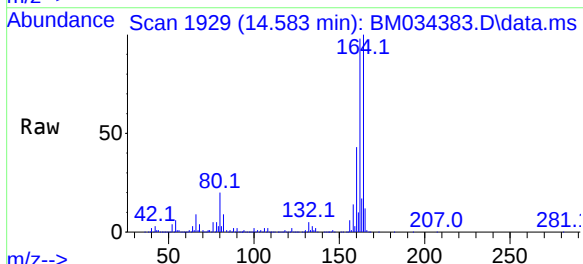
Tgt Ion:164 Resp: 366609

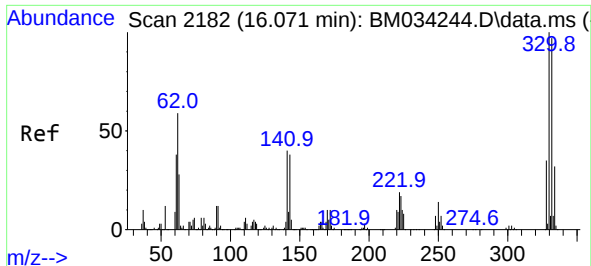
Ion Ratio Lower Upper

164 100

162 97.9 81.6 122.4

160 43.2 35.6 53.4

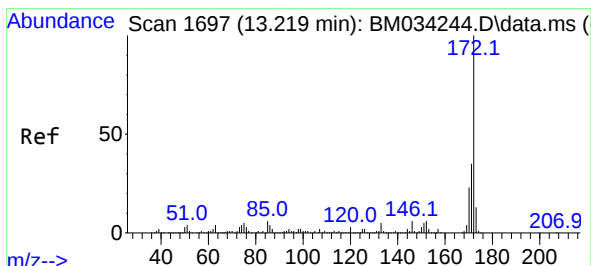
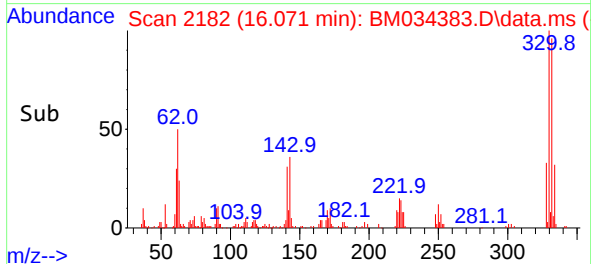
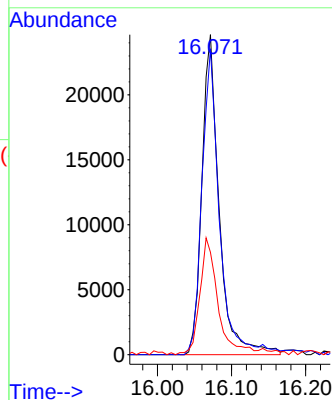
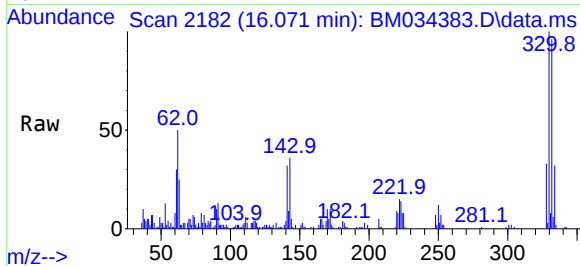




#42
2,4,6-Tribromophenol
Concen: 8.074 ng
RT: 16.071 min Scan# 2182
Delta R.T. 0.006 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

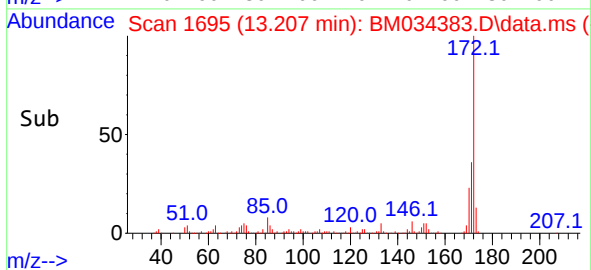
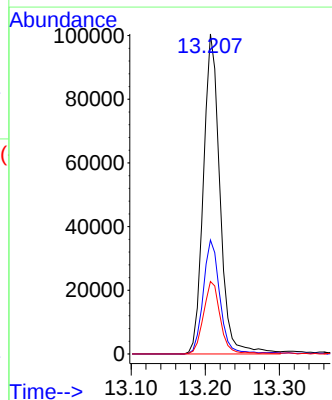
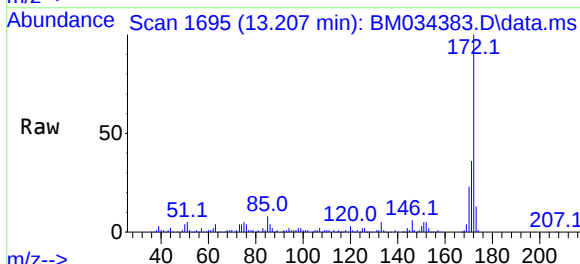
Instrument :
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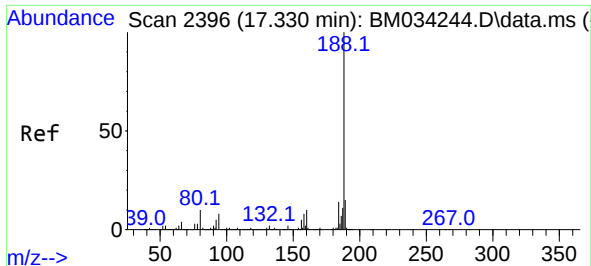
Tgt Ion:	330	Resp:	39899
Ion Ratio	Lower	Upper	
330	100		
332	97.4	78.2	117.4
141	38.4	30.6	45.8



#45
2-Fluorobiphenyl
Concen: 5.825 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

Tgt Ion:	172	Resp:	156286
Ion Ratio	Lower	Upper	
172	100		
171	35.6	28.0	42.0
170	22.7	18.6	28.0

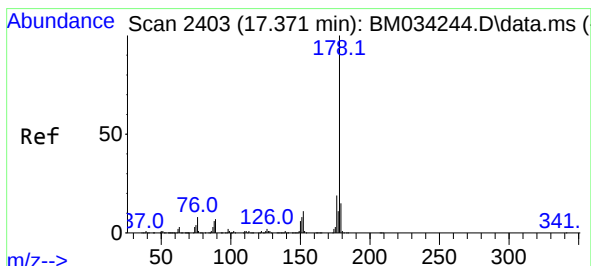
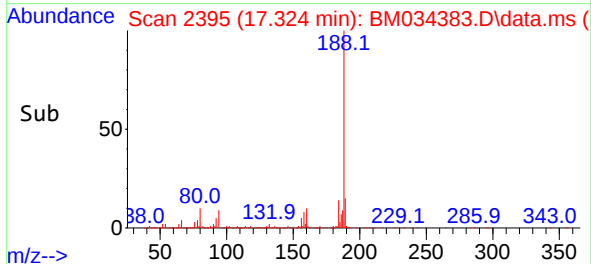
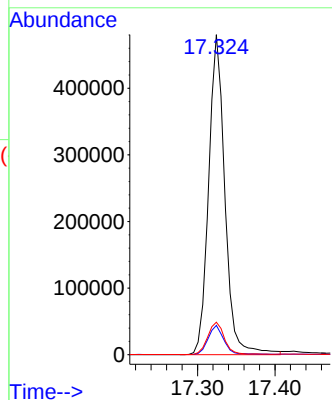
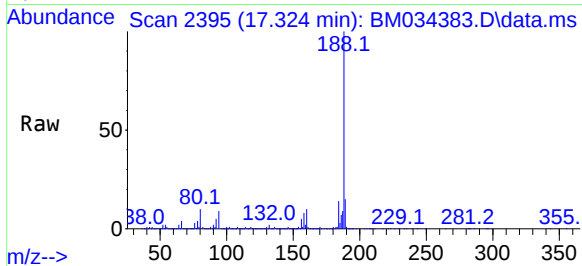




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

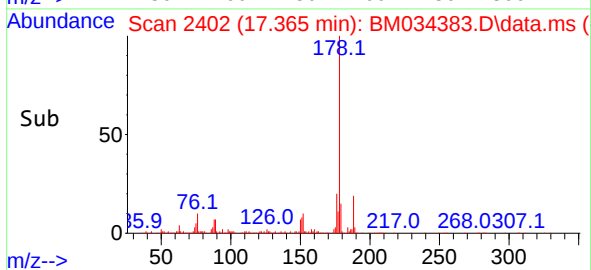
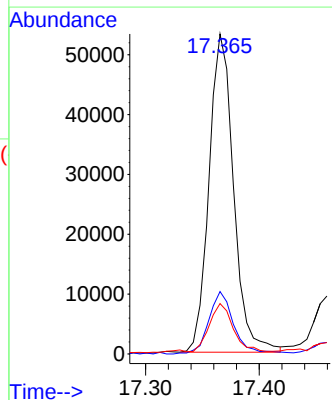
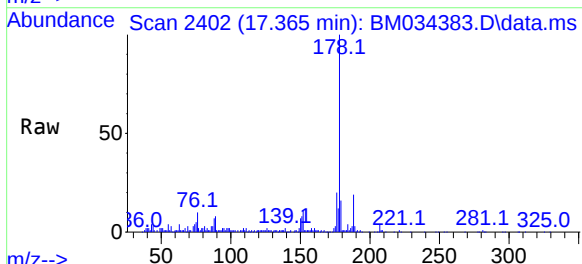
Instrument :
BNA_M
ClientSampleId :
BLDG-3DL

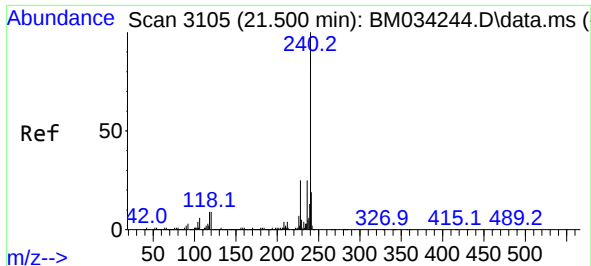
Tgt Ion:188 Resp: 700619
Ion Ratio Lower Upper
188 100
94 9.1 6.6 9.8
80 10.2 7.8 11.8



#71
Phenanthrene
Concen: 2.039 ng
RT: 17.365 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

Tgt Ion:178 Resp: 79987
Ion Ratio Lower Upper
178 100
176 19.5 15.1 22.7
179 15.8 12.2 18.4

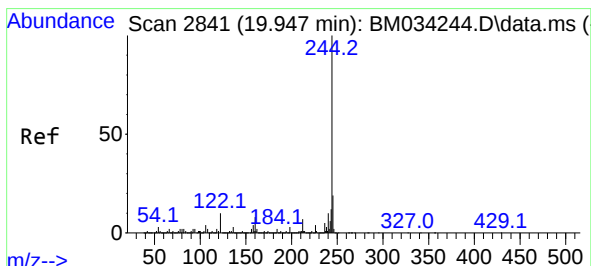
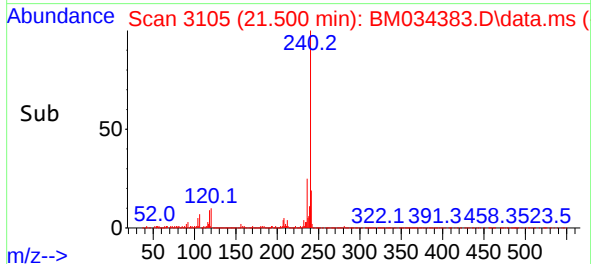
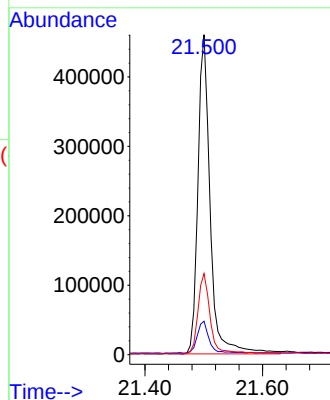
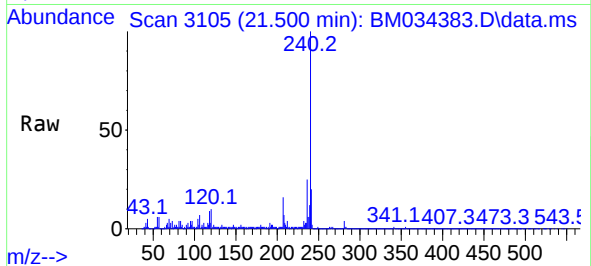




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.500 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

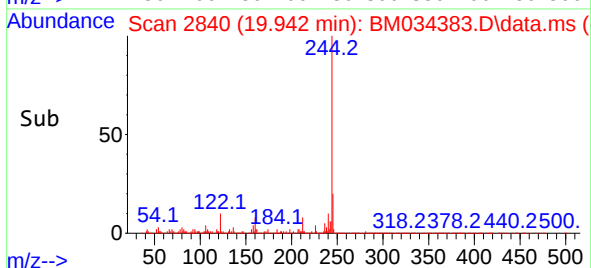
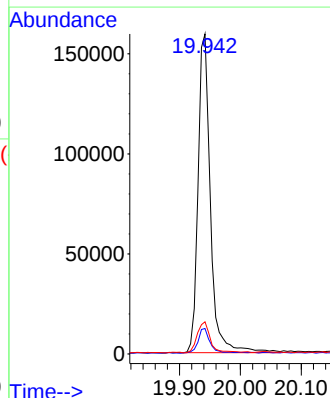
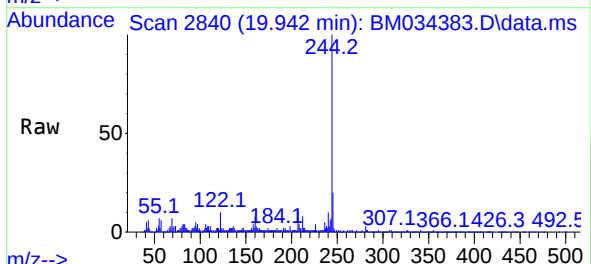
Instrument :
BNA_M
ClientSampleId :
BLDG-3DL

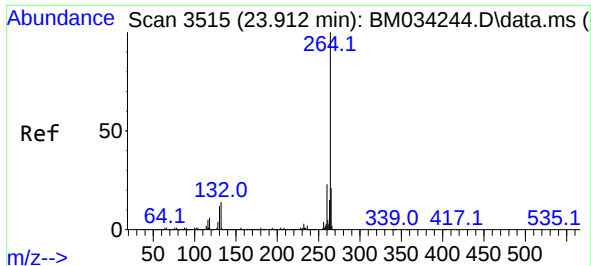
Tgt Ion:240 Resp: 666780
Ion Ratio Lower Upper
240 100
120 10.4 7.3 10.9
236 25.3 20.2 30.2



#79
Terphenyl-d14
Concen: 5.847 ng
RT: 19.942 min Scan# 2840
Delta R.T. 0.006 min
Lab File: BM034383.D
Acq: 25 Mar 2022 13:59

Tgt Ion:244 Resp: 224351
Ion Ratio Lower Upper
244 100
212 7.9 5.9 8.9
122 10.1 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: BM034383.D
Acq: 25 Mar 2022 13:59

Instrument :
BNA_M
ClientSampleId :
BLDG-3DL

Tgt Ion:264 Resp: 775055

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	22.3	17.6	26.4

