

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110320\
 Data File : BM027683.D
 Acq On : 03 Nov 2020 10:45
 Operator : JU/CG
 Sample : PB132419BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 03 11:16:38 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 17:56:42 2020
 Response via : Initial Calibration

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

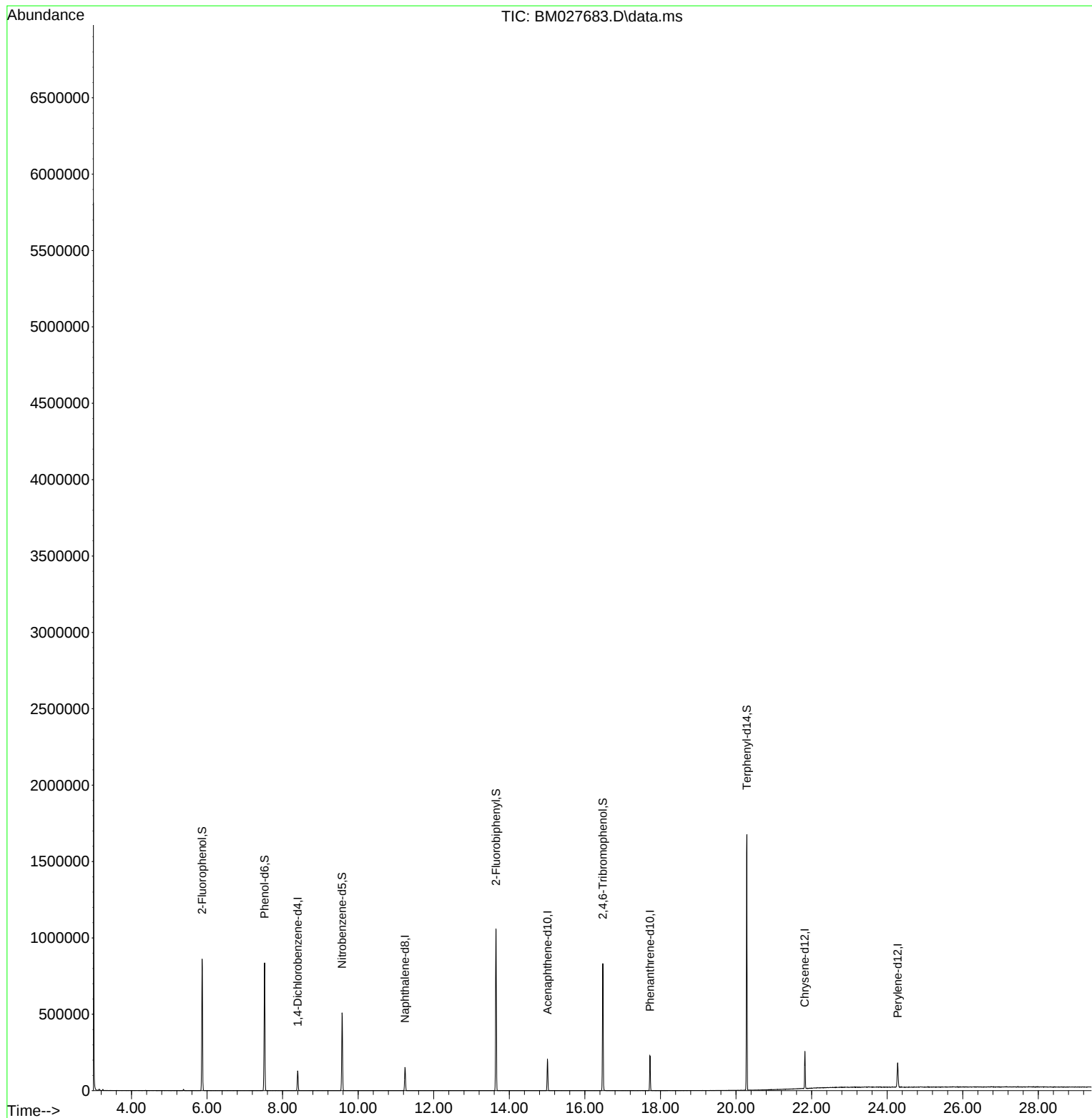
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.398	152	29509	20.00	ng	0.00
21) Naphthalene-d8	11.239	136	110315	20.00	ng	# 0.00
39) Acenaphthene-d10	15.010	164	62893	20.00	ng	0.00
64) Phenanthrene-d10	17.727	188	129281	20.00	ng	0.00
76) Chrysene-d12	21.821	240	116013	20.00	ng	0.00
86) Perylene-d12	24.280	264	116488	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.869	112	293643	157.23	ng	0.00
7) Phenol-d6	7.522	99	370625	141.20	ng	0.00
23) Nitrobenzene-d5	9.575	82	265968	109.99	ng	0.00
42) 2,4,6-Tribromophenol	16.474	330	116114	154.61	ng	0.00
45) 2-Fluorobiphenyl	13.651	172	490757	111.34	ng	0.00
79) Terphenyl-d14	20.286	244	617109	104.93	ng	0.00
Target Compounds						
9) Benzaldehyde	7.516	77	753	Below Cal	#	Qvalue 9

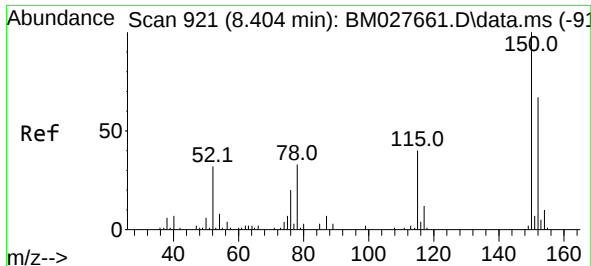
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 30 17:56:42 2020
Response via : Initial Calibration

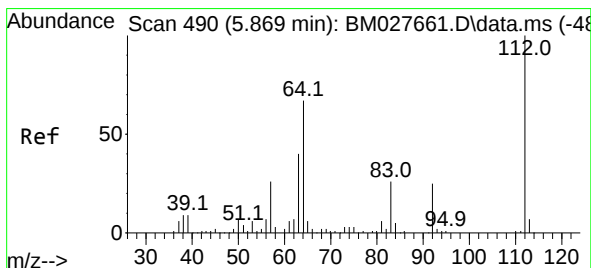
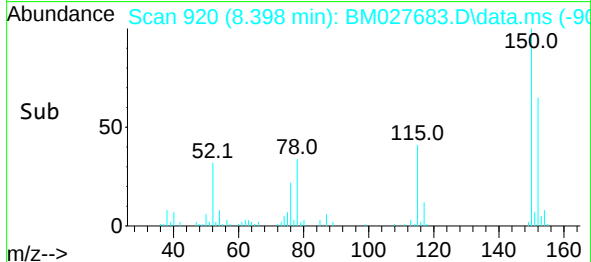
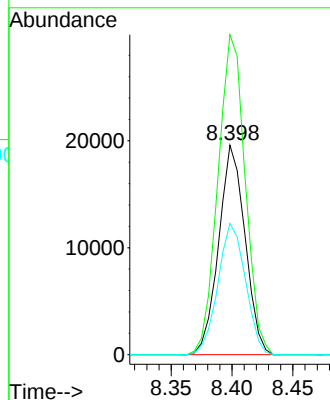
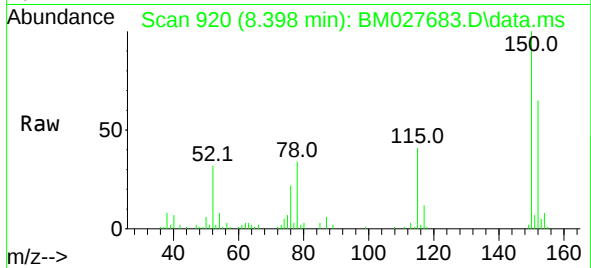




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.398 min Scan# 920
Delta R.T. -0.006 min
Lab File: BM027683.D
Acq: 03 Nov 2020 10:45

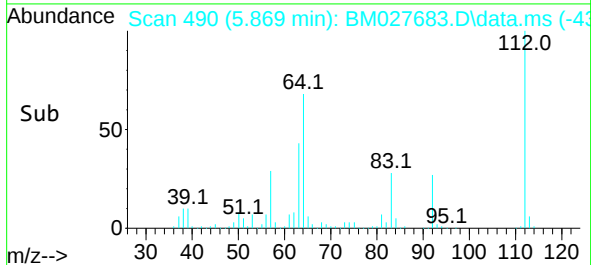
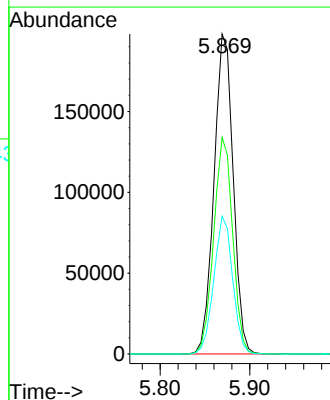
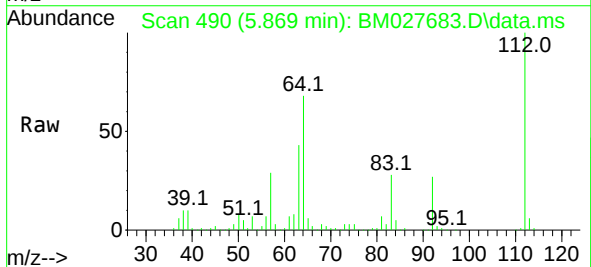
Instrument :
BNA_M
ClientSampleId :

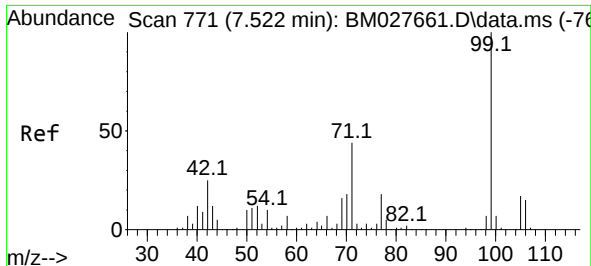
Tgt Ion:152 Resp: 29509
Ion Ratio Lower Upper
152 100
150 152.8 120.6 181.0
115 62.7 47.2 70.8



#5
2-Fluorophenol
Concen: 157.23 ng
RT: 5.869 min Scan# 490
Delta R.T. 0.000 min
Lab File: BM027683.D
Acq: 03 Nov 2020 10:45

Tgt Ion:112 Resp: 293643
Ion Ratio Lower Upper
112 100
64 67.7 50.6 76.0
63 43.1 31.0 46.6

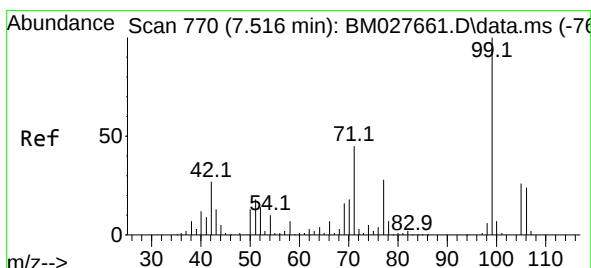
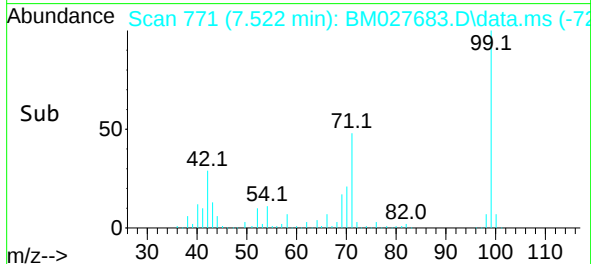
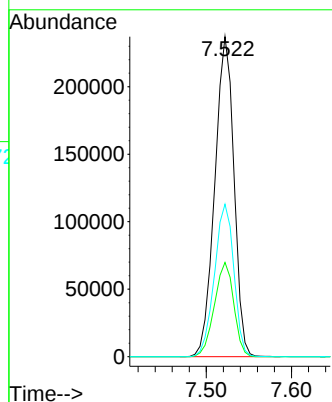
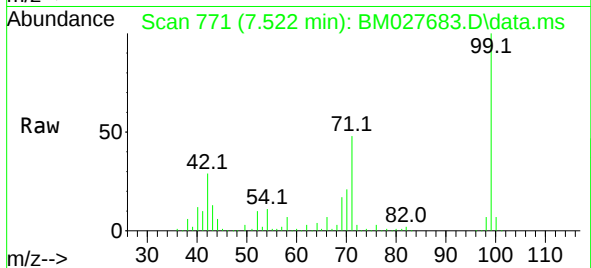




#7
Phenol-d6
Concen: 141.20 ng
RT: 7.522 min Scan# 771
Delta R.T. 0.000 min
Lab File: BM027683.D
Acq: 03 Nov 2020 10:45

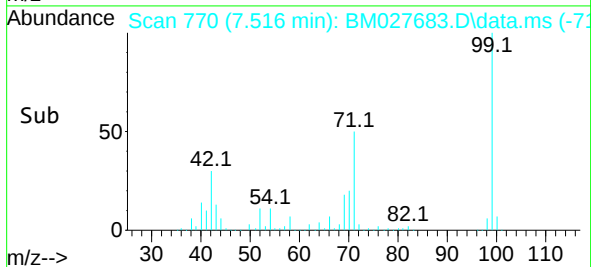
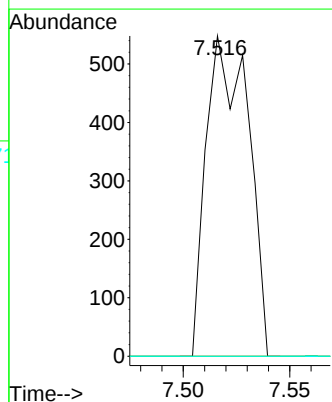
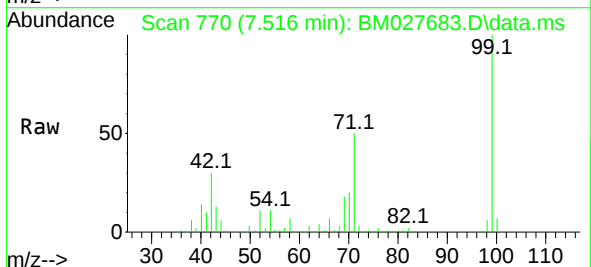
Instrument :
BNA_M
ClientSampleId :

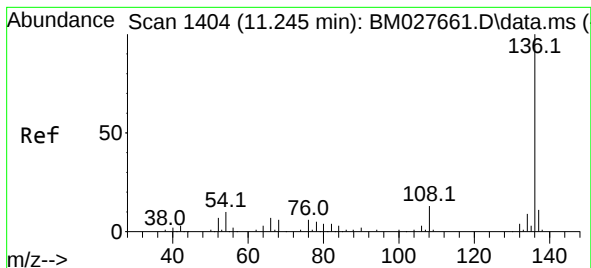
Tgt Ion: 99 Resp: 370625
Ion Ratio Lower Upper
99 100
42 29.5 13.5 20.3#
71 47.6 39.4 59.0



#9
Benzaldehyde
Concen: Below Cal
RT: 7.516 min Scan# 770
Delta R.T. 0.000 min
Lab File: BM027683.D
Acq: 03 Nov 2020 10:45

Tgt Ion: 77 Resp: 753
Ion Ratio Lower Upper
77 100
105 0.0 64.7 104.7#
106 0.0 57.5 97.5#

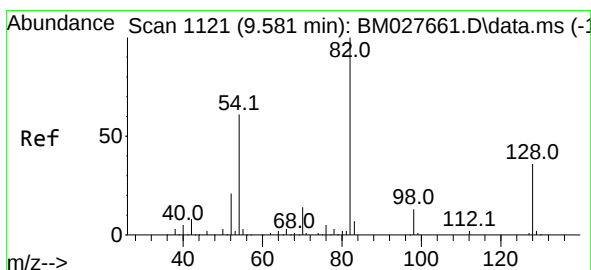
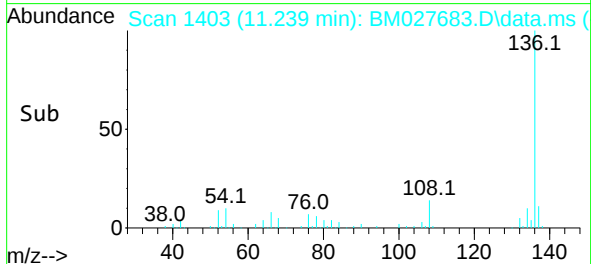
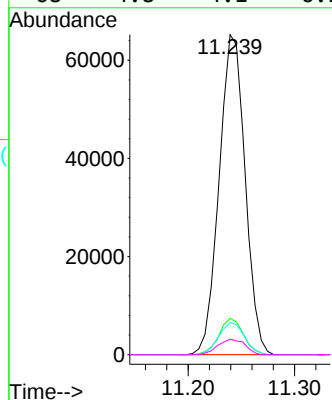
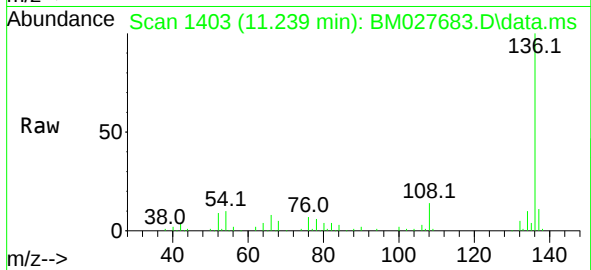




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.239 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BM027683.D
Acq: 03 Nov 2020 10:45

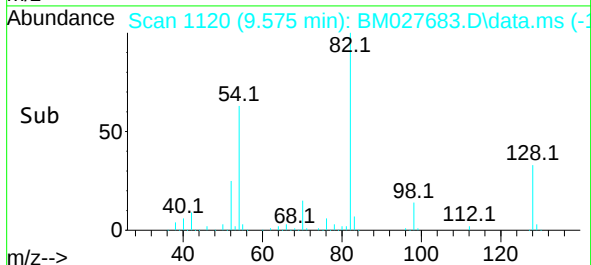
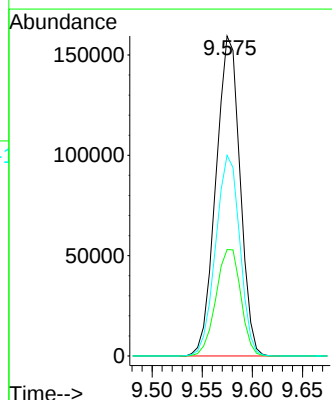
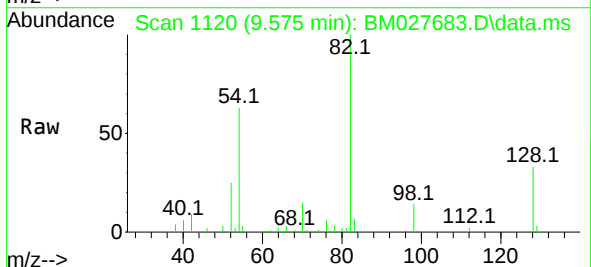
Instrument :
BNA_M
ClientSampleId :

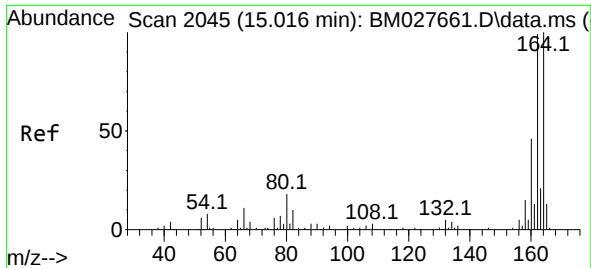
Tgt Ion:136 Resp: 110315
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 10.1 4.6 7.0#
68 4.8 4.1 6.1



#23
Nitrobenzene-d5
Concen: 109.99 ng
RT: 9.575 min Scan# 1120
Delta R.T. -0.006 min
Lab File: BM027683.D
Acq: 03 Nov 2020 10:45

Tgt Ion: 82 Resp: 265968
Ion Ratio Lower Upper
82 100
128 33.2 27.4 41.0
54 62.7 31.4 47.0#

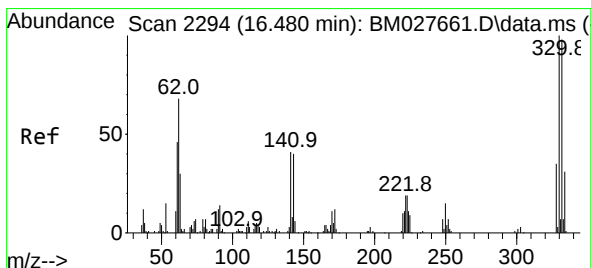
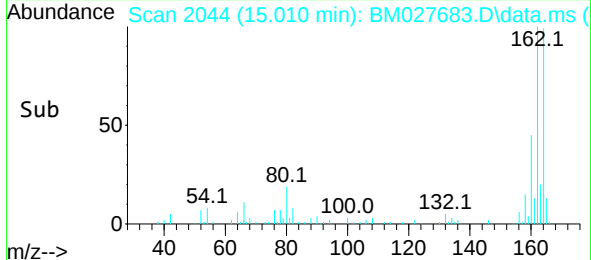
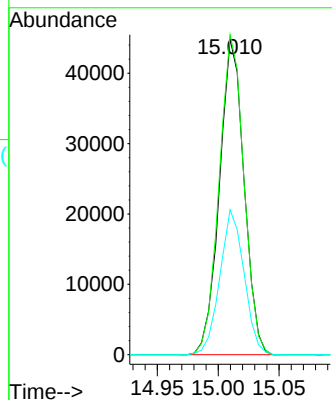
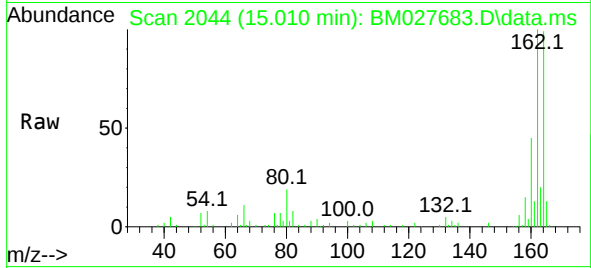




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.010 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BM027683.D
Acq: 03 Nov 2020 10:45

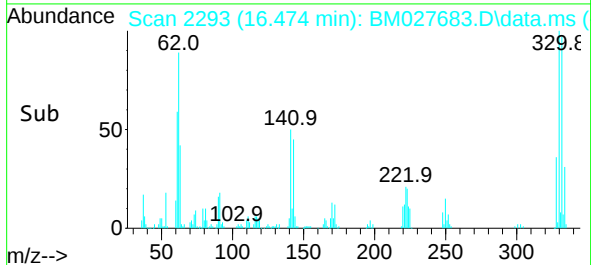
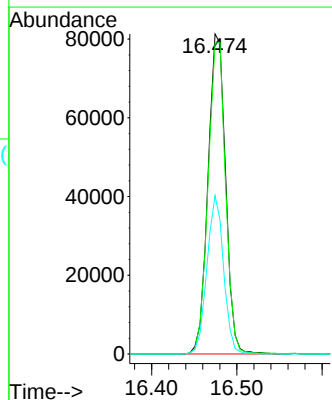
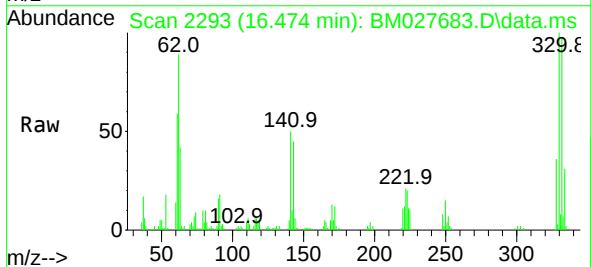
Instrument :
BNA_M
ClientSampleId :

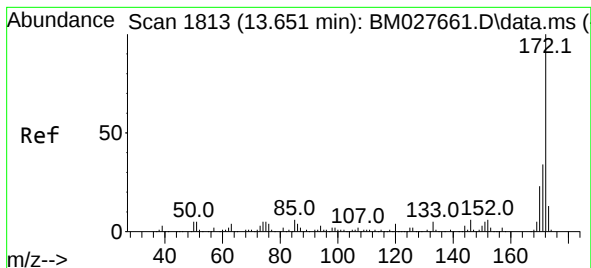
Tgt Ion:164 Resp: 62893
Ion Ratio Lower Upper
164 100
162 101.5 80.4 120.6
160 45.9 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 154.61 ng
RT: 16.474 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BM027683.D
Acq: 03 Nov 2020 10:45

Tgt Ion:330 Resp: 116114
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 47.0 28.4 42.6#

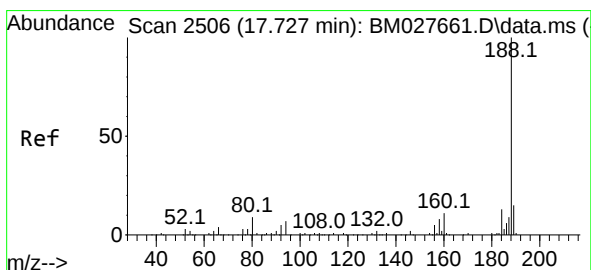
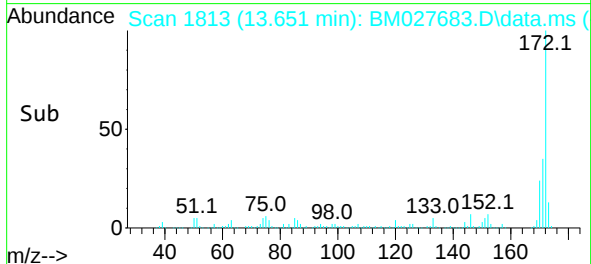
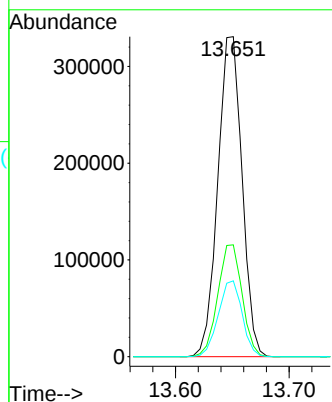
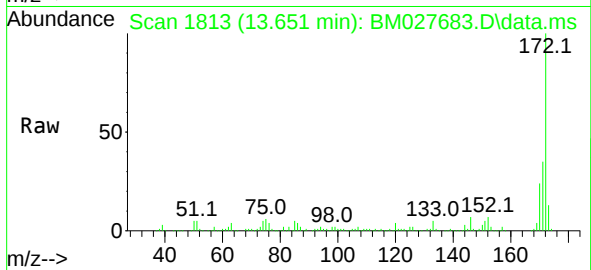




#45
2-Fluorobiphenyl
Concen: 111.34 ng
RT: 13.651 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BM027683.D
Acq: 03 Nov 2020 10:45

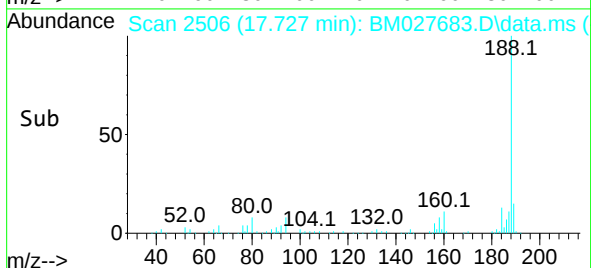
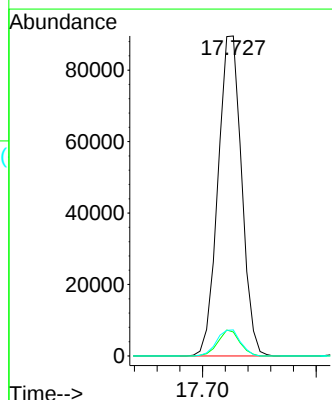
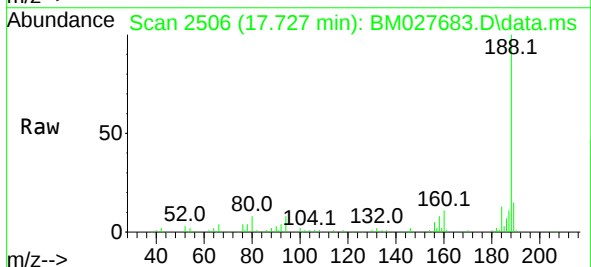
Instrument :
BNA_M
ClientSampleId :

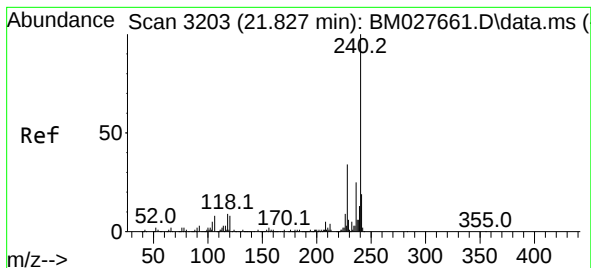
Tgt Ion:172 Resp: 490757
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.7 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.727 min Scan# 2506
Delta R.T. 0.000 min
Lab File: BM027683.D
Acq: 03 Nov 2020 10:45

Tgt Ion:188 Resp: 129281
Ion Ratio Lower Upper
188 100
94 7.5 6.2 9.4
80 8.1 7.5 11.3





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.821 min Scan# 3202

Delta R.T. -0.006 min

Lab File: BM027683.D

Acq: 03 Nov 2020 10:45

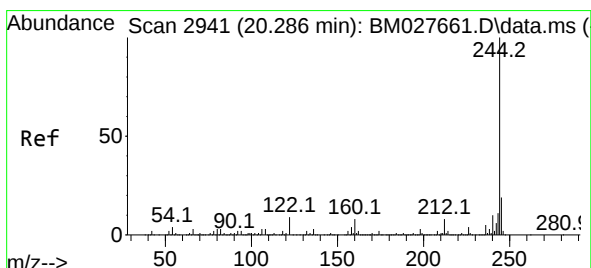
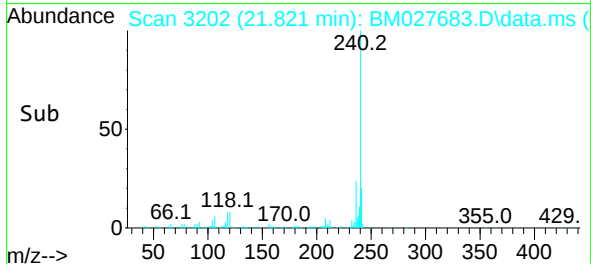
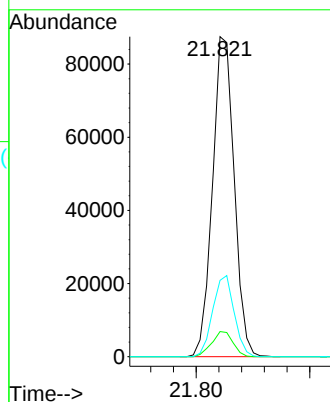
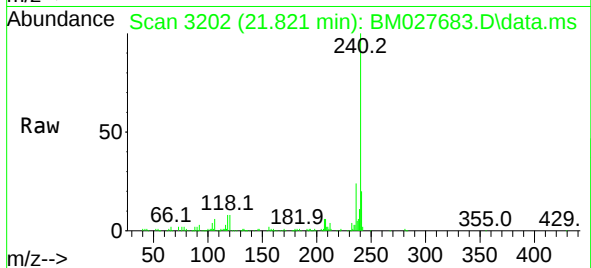
Tgt Ion:240 Resp: 116013

Ion Ratio Lower Upper

240 100

120 7.9 6.4 9.6

236 23.9 20.1 30.1



#79

Terphenyl-d14

Concen: 104.93 ng

RT: 20.286 min Scan# 2941

Delta R.T. 0.000 min

Lab File: BM027683.D

Acq: 03 Nov 2020 10:45

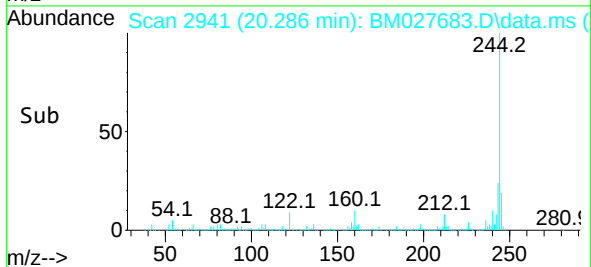
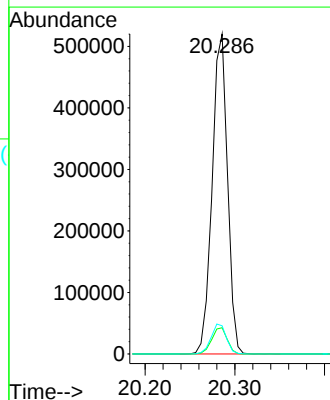
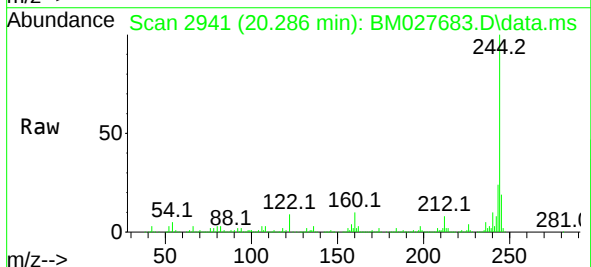
Tgt Ion:244 Resp: 617109

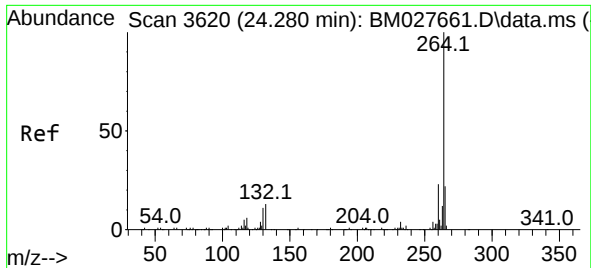
Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

122 8.8 6.5 9.7





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.280 min Scan# 3620
 Delta R.T. 0.000 min
 Lab File: BM027683.D
 Acq: 03 Nov 2020 10:45

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion:264 Resp: 116488
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.4
 265 21.6 17.7 26.5

