

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110220\
 Data File : BM027669.D
 Acq On : 02 Nov 2020 09:56
 Operator : JU/CG
 Sample : PB132380BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB132380BL

Quant Time: Nov 02 11:09:03 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)

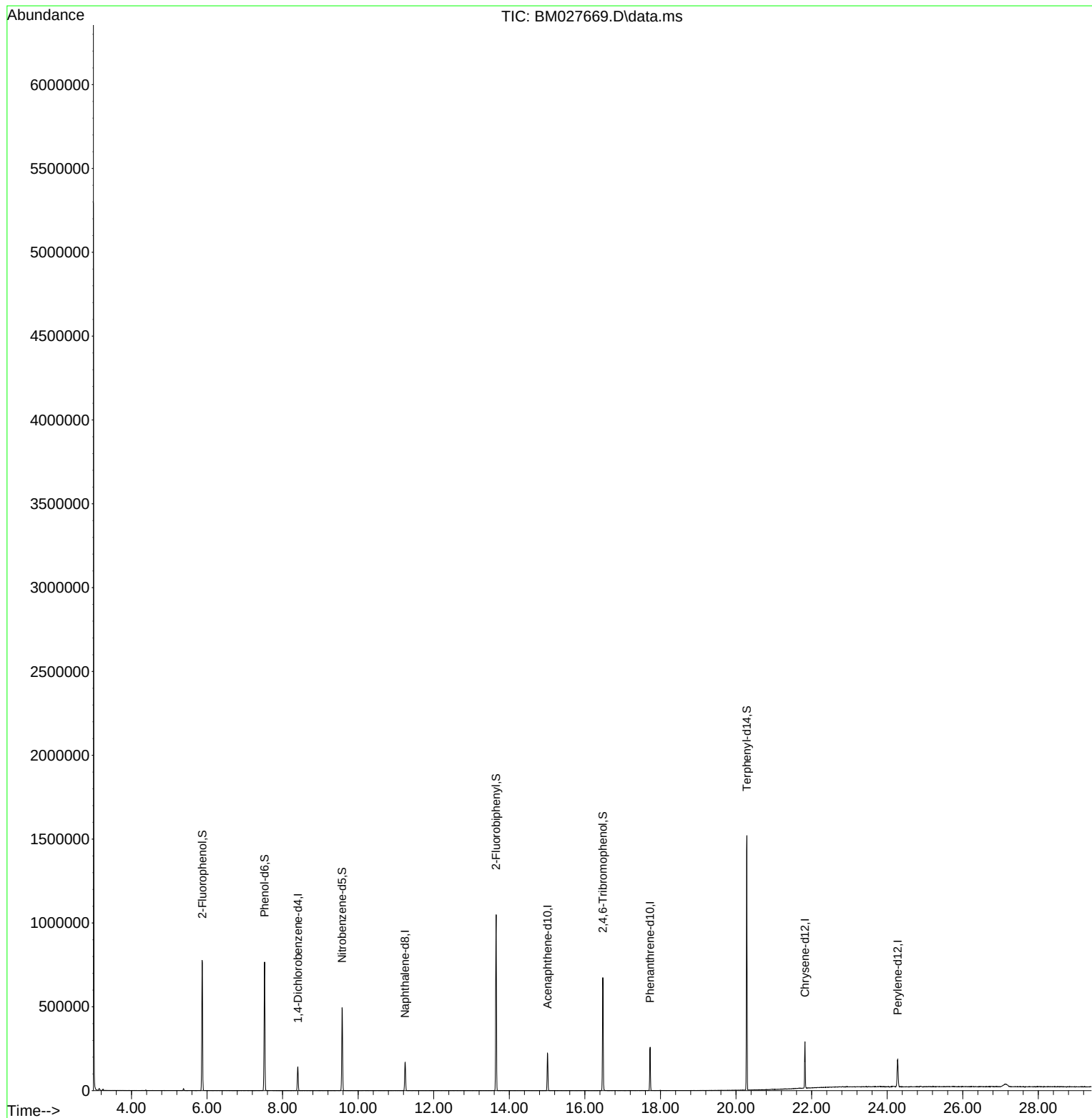
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.404	152	33928	20.00	ng	0.00
21) Naphthalene-d8	11.239	136	129480	20.00	ng	# 0.00
39) Acenaphthene-d10	15.010	164	70727	20.00	ng	0.00
64) Phenanthrene-d10	17.727	188	142816	20.00	ng	0.00
76) Chrysene-d12	21.827	240	128173	20.00	ng	0.00
86) Perylene-d12	24.280	264	123936	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	284108	132.31	ng	0.00
7) Phenol-d6	7.522	99	363816	120.55	ng	0.00
23) Nitrobenzene-d5	9.575	82	265873	93.68	ng	0.00
42) 2,4,6-Tribromophenol	16.474	330	99032	117.26	ng	0.00
45) 2-Fluorobiphenyl	13.651	172	482657	97.38	ng	0.00
79) Terphenyl-d14	20.286	244	581079	89.43	ng	0.00
Target Compounds						
9) Benzaldehyde	7.522	77	887	Below Cal	#	Qvalue 9

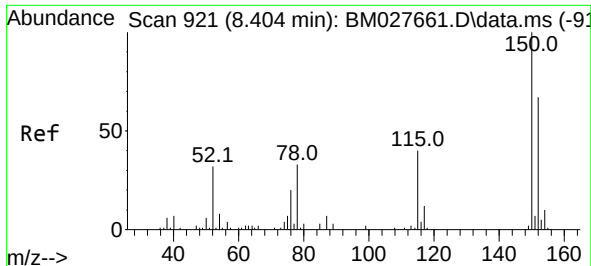
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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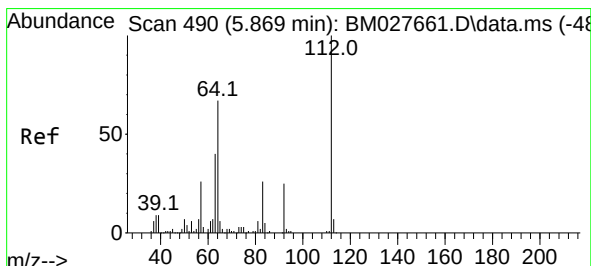
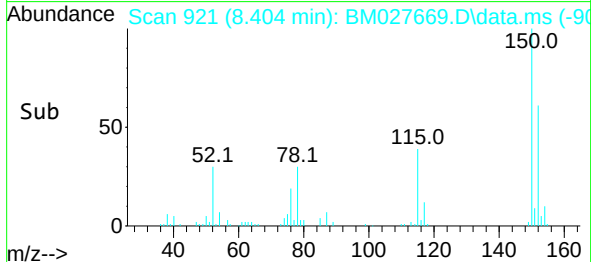
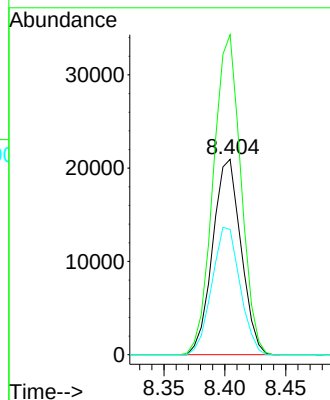
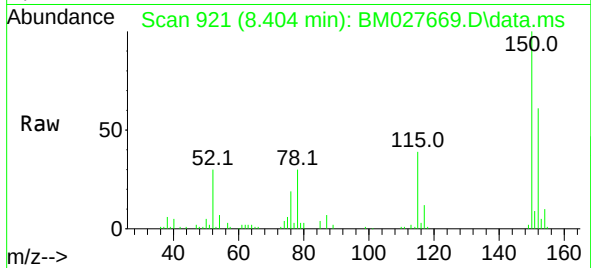




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.404 min Scan# 921
Delta R.T. 0.000 min
Lab File: BM027669.D
Acq: 02 Nov 2020 09:56

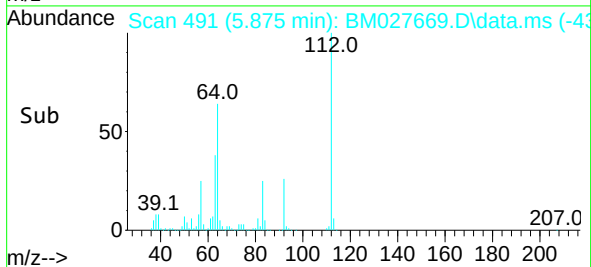
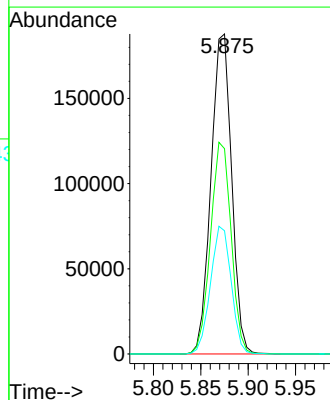
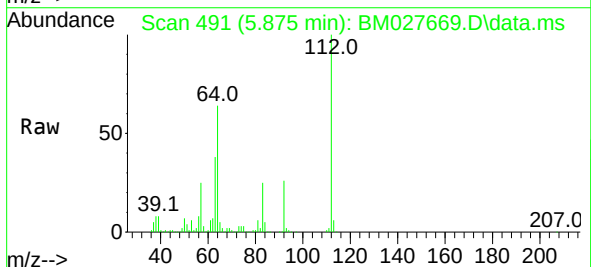
Instrument :
BNA_M
ClientSampleId :
PB132380BL

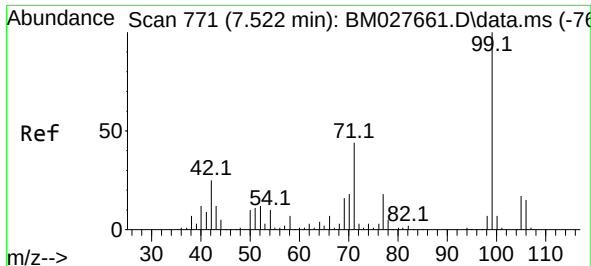
Tgt Ion:152 Resp: 33928
Ion Ratio Lower Upper
152 100
150 163.8 120.6 181.0
115 64.1 47.2 70.8



#5
2-Fluorophenol
Concen: 132.31 ng
RT: 5.875 min Scan# 491
Delta R.T. 0.006 min
Lab File: BM027669.D
Acq: 02 Nov 2020 09:56

Tgt Ion:112 Resp: 284108
Ion Ratio Lower Upper
112 100
64 64.2 50.6 76.0
63 38.5 31.0 46.6

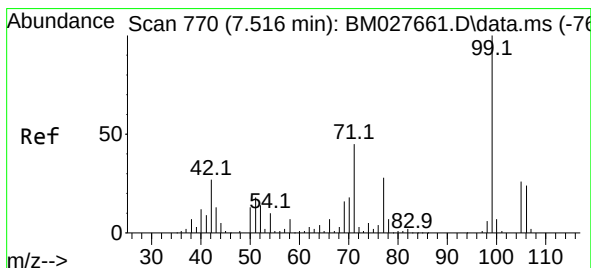
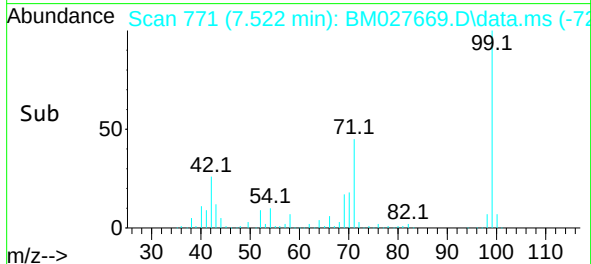
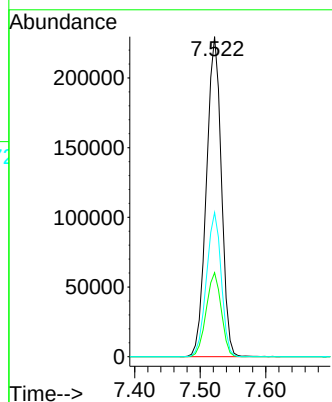
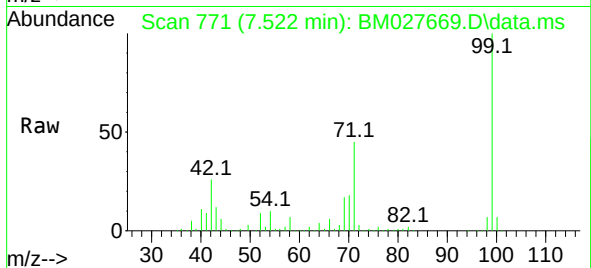




#7
Phenol-d6
Concen: 120.55 ng
RT: 7.522 min Scan# 771
Delta R.T. 0.000 min
Lab File: BM027669.D
Acq: 02 Nov 2020 09:56

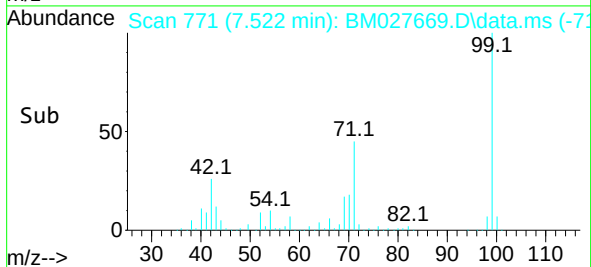
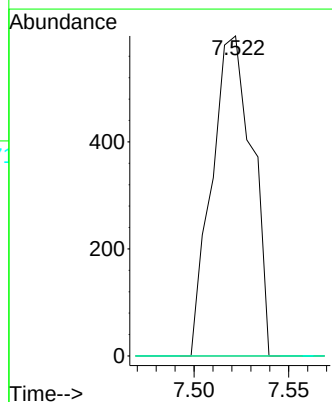
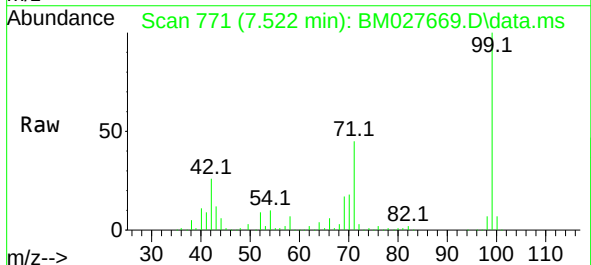
Instrument :
BNA_M
ClientSampleId :
PB132380BL

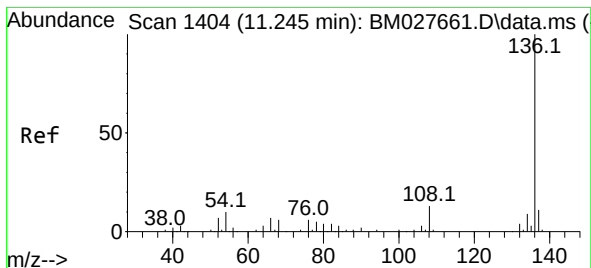
Tgt Ion: 99 Resp: 363816
Ion Ratio Lower Upper
99 100
42 26.2 13.5 20.3#
71 45.0 39.4 59.0



#9
Benzaldehyde
Concen: Below Cal
RT: 7.522 min Scan# 771
Delta R.T. 0.006 min
Lab File: BM027669.D
Acq: 02 Nov 2020 09:56

Tgt Ion: 77 Resp: 887
Ion Ratio Lower Upper
77 100
105 0.0 64.7 104.7#
106 0.0 57.5 97.5#

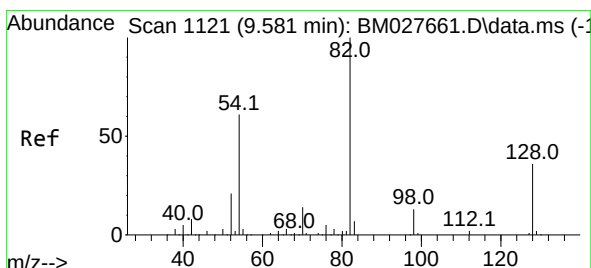
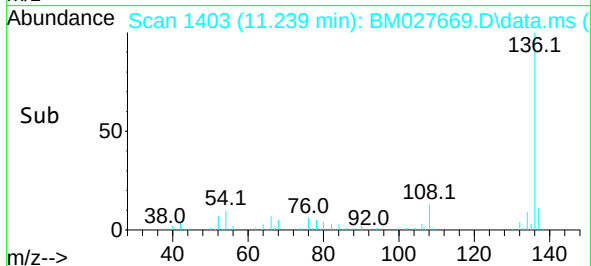
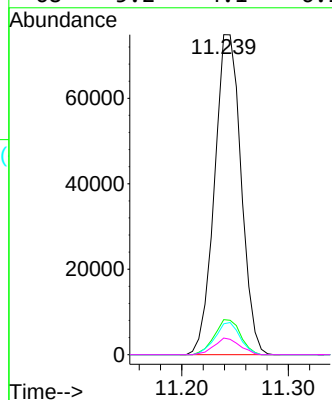
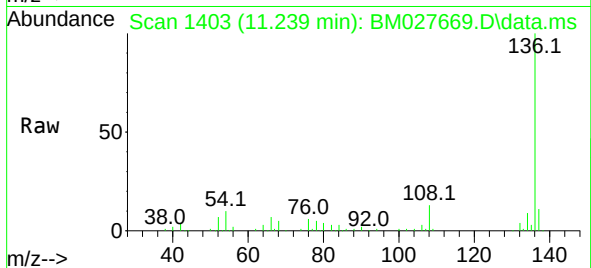




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.239 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BM027669.D
Acq: 02 Nov 2020 09:56

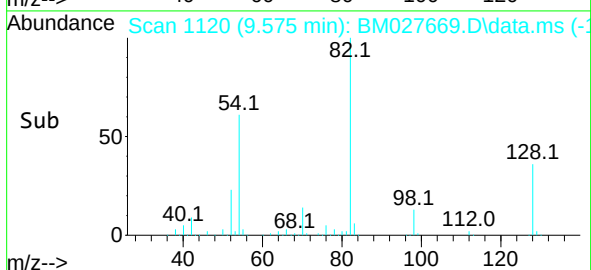
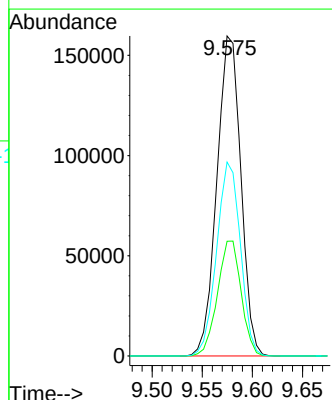
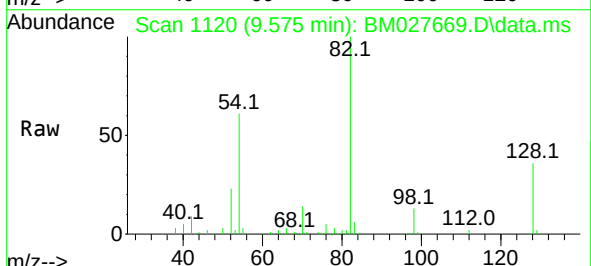
Instrument :
BNA_M
ClientSampleId :
PB132380BL

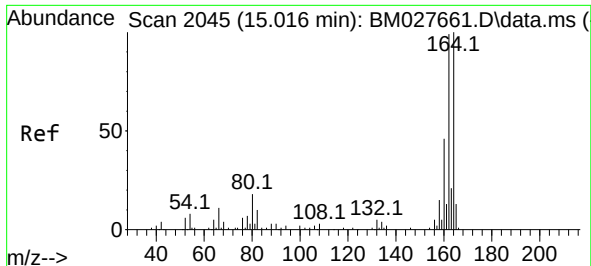
Tgt Ion:	136	Resp:	129480
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	12.8
54	9.6	4.6	7.0#
68	5.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 93.68 ng
RT: 9.575 min Scan# 1120
Delta R.T. -0.006 min
Lab File: BM027669.D
Acq: 02 Nov 2020 09:56

Tgt Ion:	82	Resp:	265873
Ion Ratio	Lower	Upper	
82	100		
128	35.9	27.4	41.0
54	60.6	31.4	47.0#

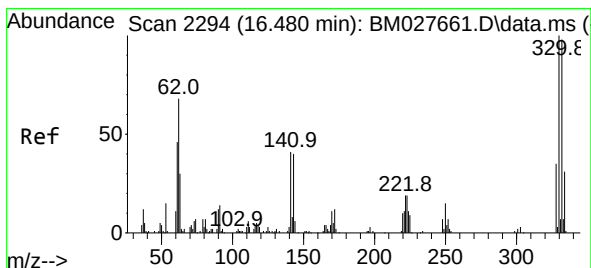
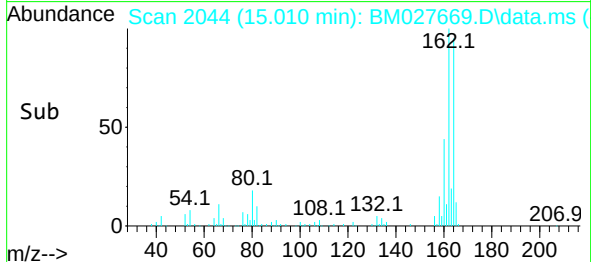
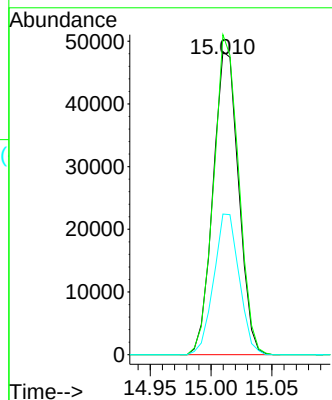
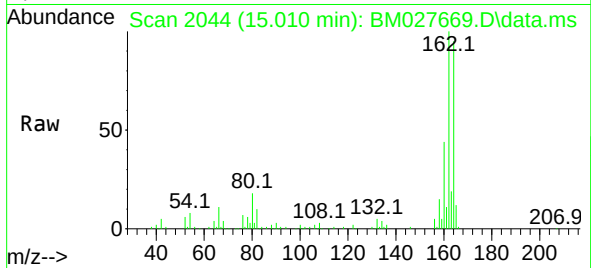




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.010 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BM027669.D
Acq: 02 Nov 2020 09:56

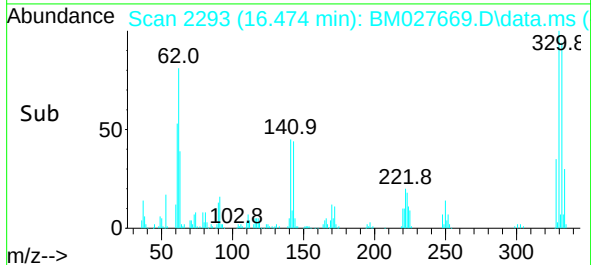
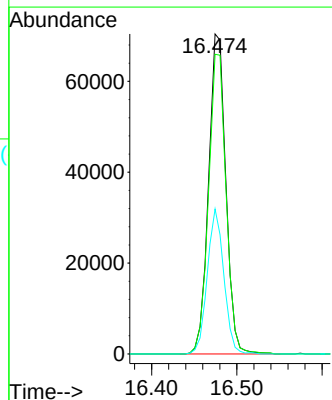
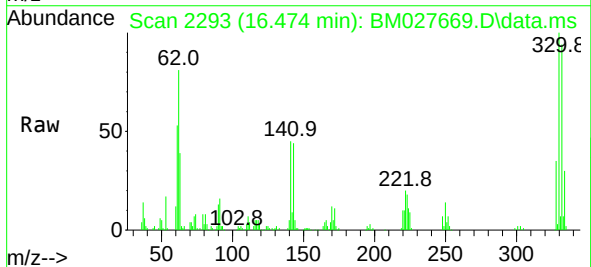
Instrument :
BNA_M
ClientSampleId :
PB132380BL

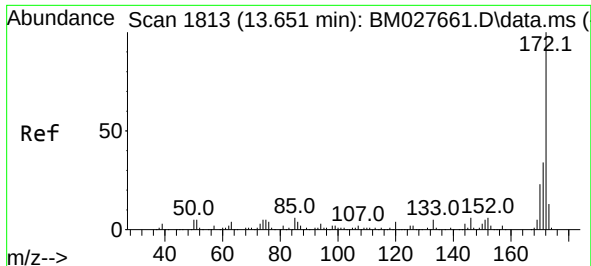
Tgt Ion:164 Resp: 70727
Ion Ratio Lower Upper
164 100
162 105.6 80.4 120.6
160 46.4 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 117.26 ng
RT: 16.474 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BM027669.D
Acq: 02 Nov 2020 09:56

Tgt Ion:330 Resp: 99032
Ion Ratio Lower Upper
330 100
332 95.4 77.8 116.8
141 43.5 28.4 42.6#

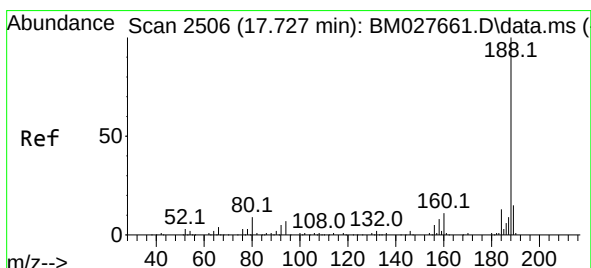
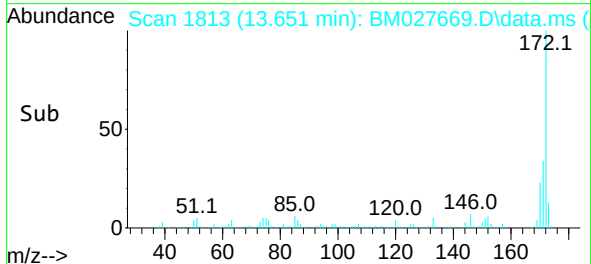
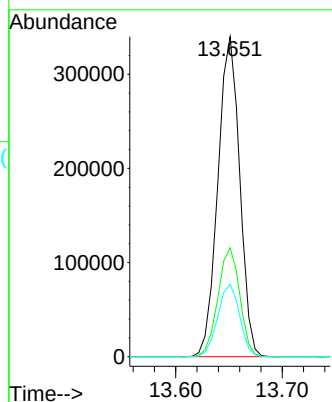
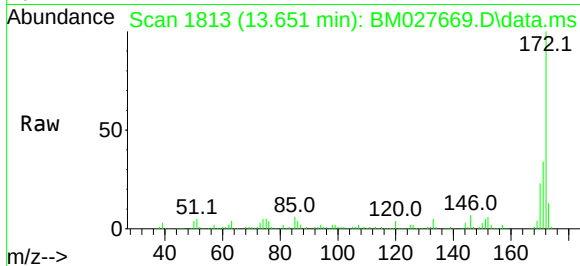




#45
2-Fluorobiphenyl
Concen: 97.38 ng
RT: 13.651 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BM027669.D
Acq: 02 Nov 2020 09:56

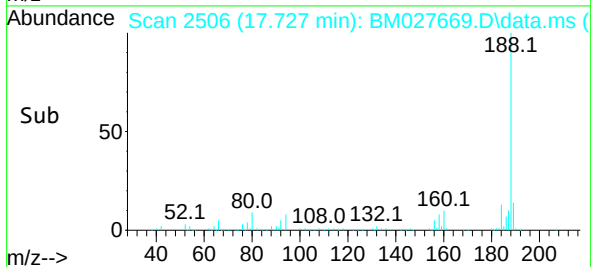
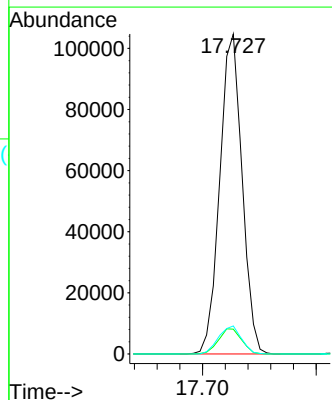
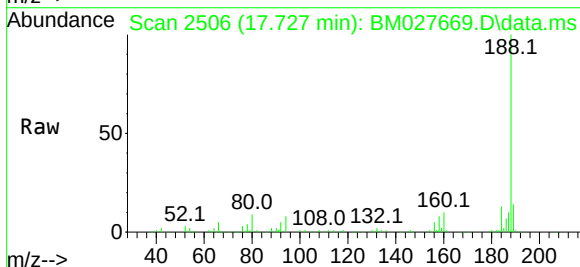
Instrument :
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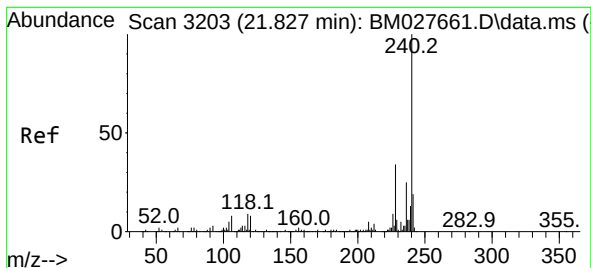
Tgt Ion:	172	Resp:	482657
Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.8	41.8
170	22.6	18.6	27.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.727 min Scan# 2506
Delta R.T. 0.000 min
Lab File: BM027669.D
Acq: 02 Nov 2020 09:56

Tgt Ion:	188	Resp:	142816
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.2	9.4
80	8.8	7.5	11.3





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.827 min Scan# 3203

Delta R.T. 0.000 min

Lab File: BM027669.D

Acq: 02 Nov 2020 09:56

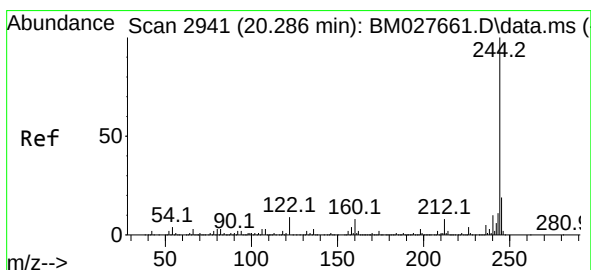
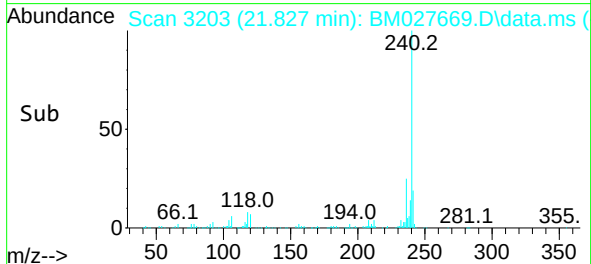
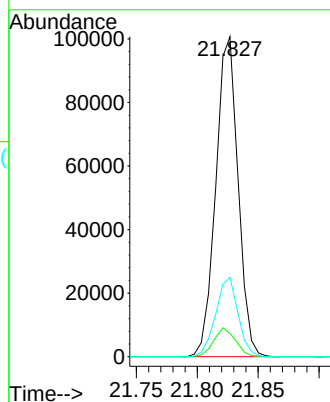
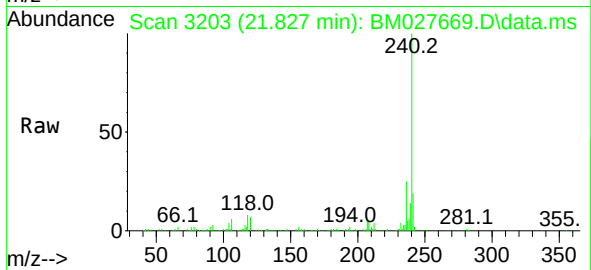
Tgt Ion:240 Resp: 128173

Ion Ratio Lower Upper

240 100

120 7.3 6.4 9.6

236 24.8 20.1 30.1



#79

Terphenyl-d14

Concen: 89.43 ng

RT: 20.286 min Scan# 2941

Delta R.T. 0.000 min

Lab File: BM027669.D

Acq: 02 Nov 2020 09:56

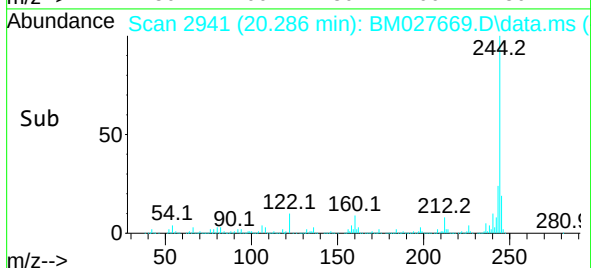
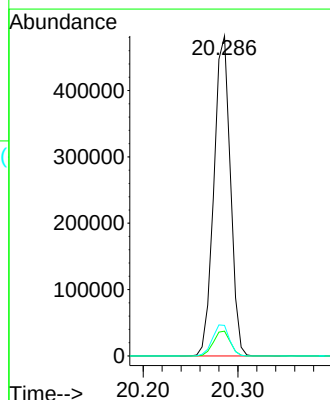
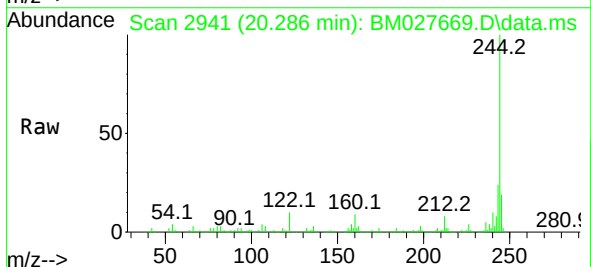
Tgt Ion:244 Resp: 581079

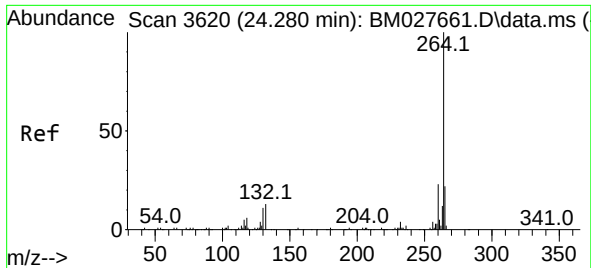
Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

122 9.6 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: BM027669.D
 Acq: 02 Nov 2020 09:56

Instrument :
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 ClientSampleId :
 PB132380BL

Tgt Ion:264 Resp: 123936
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.0 28.4
 265 22.8 17.7 26.5

