

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
 Data File : BM026633.D
 Acq On : 01 Jul 2020 12:29
 Operator : JU/CG
 Sample : L3153-25
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP2-F

Quant Time: Jul 01 13:37:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 01 13:20:43 2020
 Response via : Initial Calibration

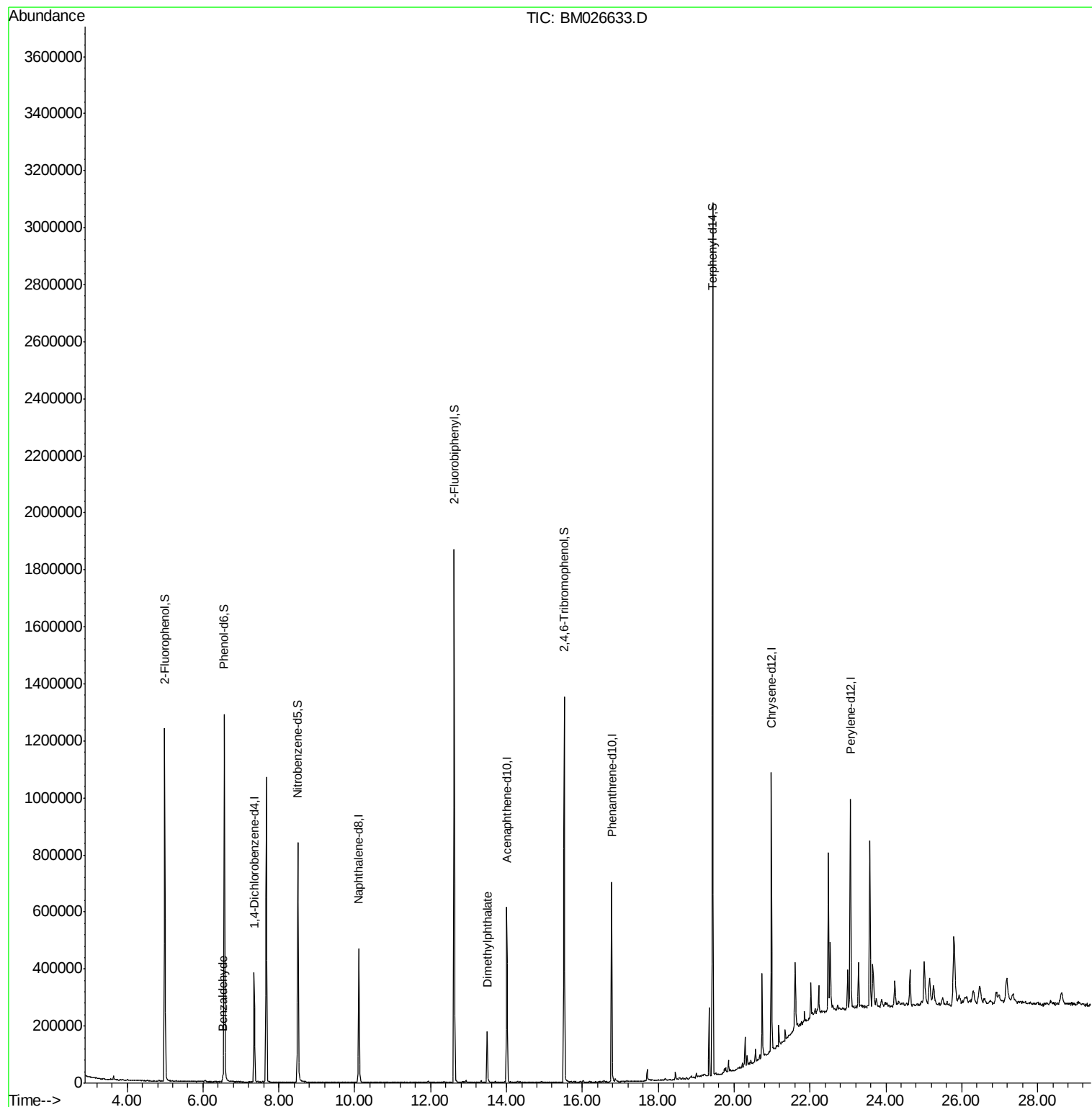
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	88627	20.00	ng	0.00
21) Naphthalene-d8	10.11	136	341015	20.00	ng	0.00
39) Acenaphthene-d10	14.02	164	193901	20.00	ng	0.00
64) Phenanthrene-d10	16.77	188	386529	20.00	ng	0.00
76) Chrysene-d12	20.99	240	413041	20.00	ng	0.00
86) Perylene-d12	23.07	264	437221	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	415883	82.97	ng	0.00
7) Phenol-d6	6.56	99	605000	83.35	ng	0.00
23) Nitrobenzene-d5	8.50	82	448304	64.55	ng	0.00
42) 2,4,6-Tribromophenol	15.52	330	207241	88.23	ng	0.00
45) 2-Fluorobiphenyl	12.62	172	847866	66.38	ng	0.00
79) Terphenyl-d14	19.43	244	1277956	60.06	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	9607	2.076	ng	92
50) Dimethylphthalate	13.49	163	111890	7.889	ng	99

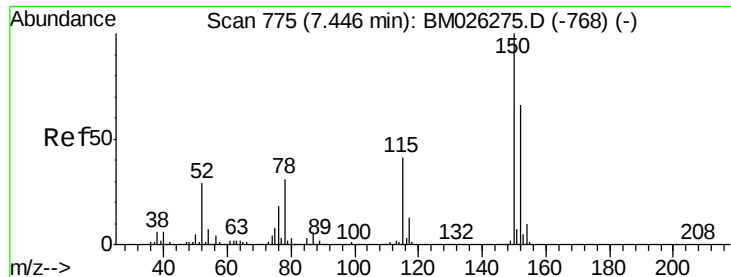
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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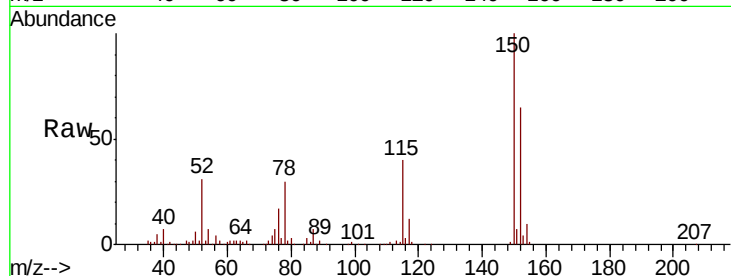


#1

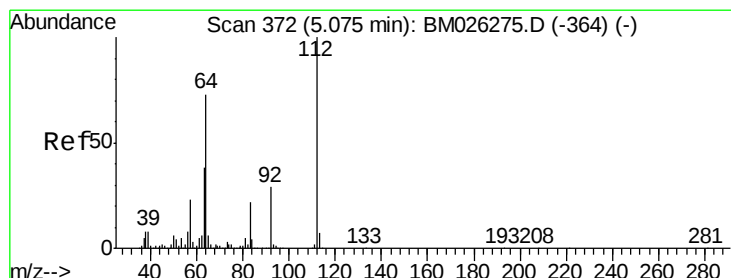
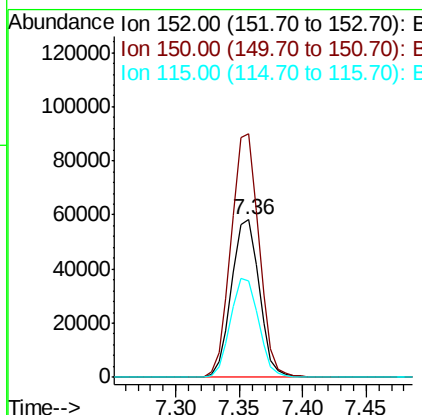
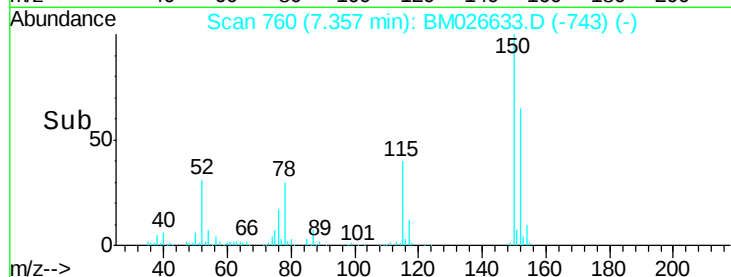
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.36 min Scan# 760
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Instrument :
BNA_M
ClientSampleId :
SP2-F

Tot Ion	152	Resp	88627
Ion Ratio	Lower	Upper	
152	100		
150	154.7	127.8	191.6
115	61.5	51.5	77.3



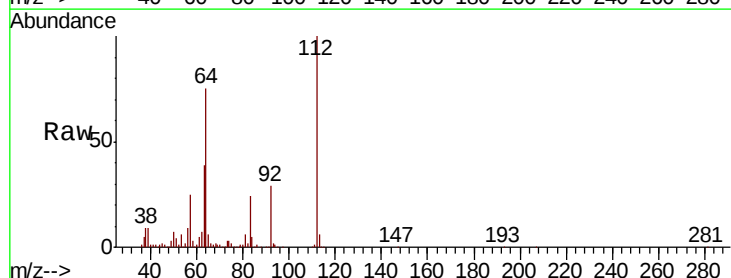
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



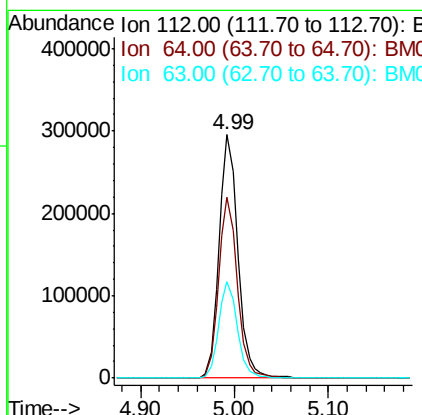
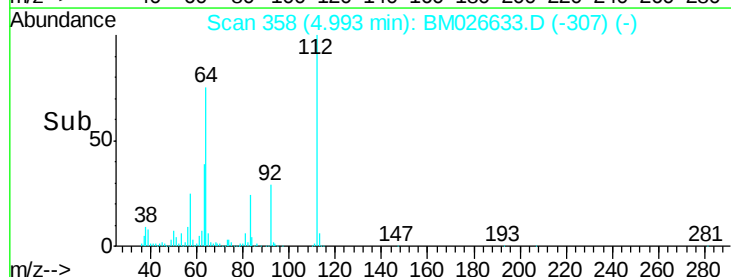
#5

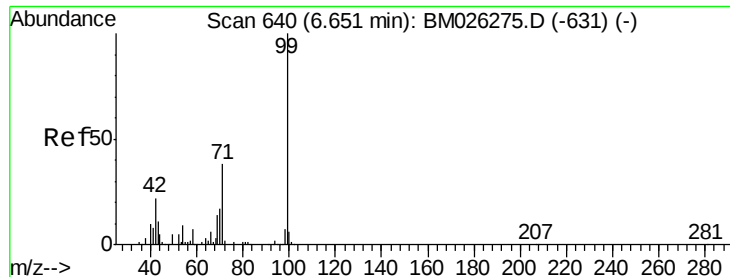
2-Fluorophenol
Concen: 82.965 ng
RT: 4.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Tgt Ion	112	Resp	415883
Ion Ratio	Lower	Upper	
112	100		
64	74.6	56.0	84.0
63	39.5	29.0	43.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 83.348 ng

RT: 6.56 min Scan# 625

Delta R.T. 0.00 min

Lab File: BM026633.D

Acq: 01 Jul 2020 12:29

Instrument :

BNA_M

ClientSampleId :

SP2-F

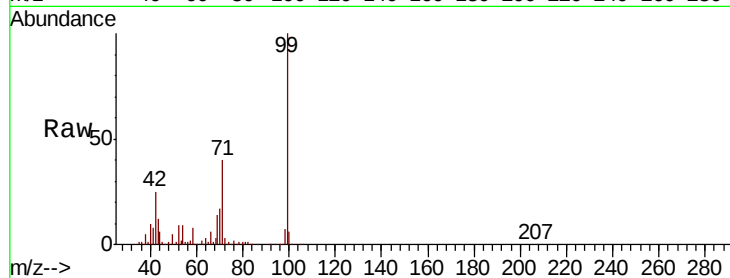
Tot Ion: 99 Resp: 605000

Ion Ratio Lower Upper

99 100

42 24.7 17.8 26.6

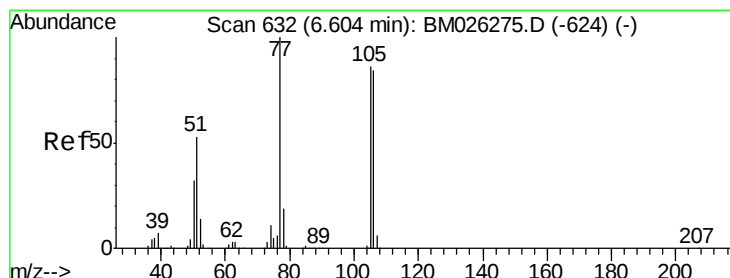
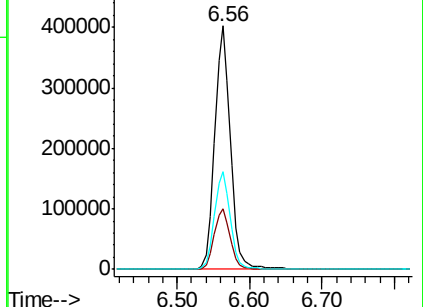
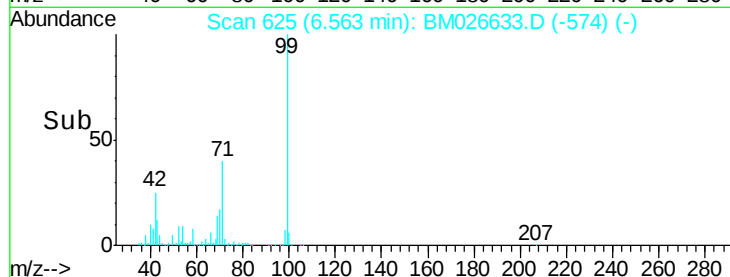
71 40.3 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BM026633.D (-574) (-)

Ion 42.00 (41.70 to 42.70): BM026633.D (-574) (-)

Ion 71.00 (70.70 to 71.70): BM026633.D (-574) (-)



#9

Benzaldehyde

Concen: 2.076 ng

RT: 6.52 min Scan# 618

Delta R.T. 0.01 min

Lab File: BM026633.D

Acq: 01 Jul 2020 12:29

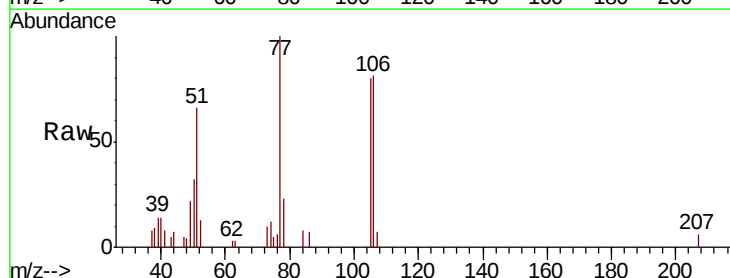
Tgt Ion: 77 Resp: 9607

Ion Ratio Lower Upper

77 100

105 80.0 71.5 111.5

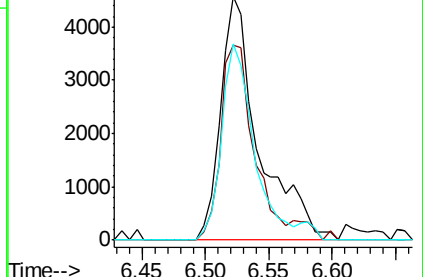
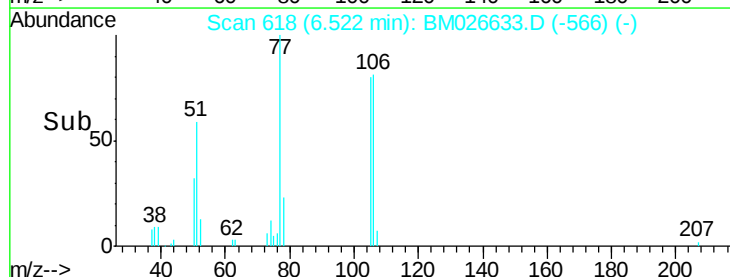
106 80.7 64.7 104.7

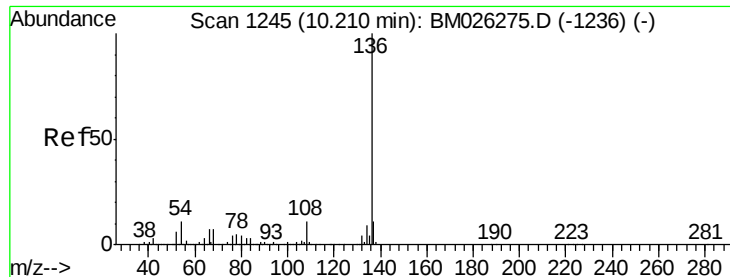


Abundance Ion 77.00 (76.70 to 77.70): BM026633.D (-566) (-)

Ion 105.00 (104.70 to 105.70): BM026633.D (-566) (-)

Ion 106.00 (105.70 to 106.70): BM026633.D (-566) (-)

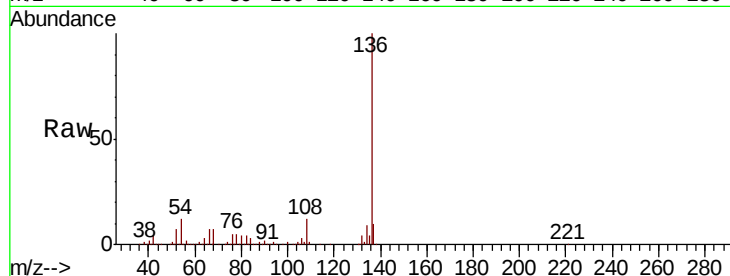




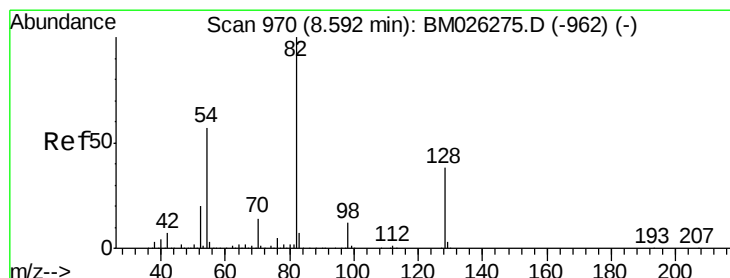
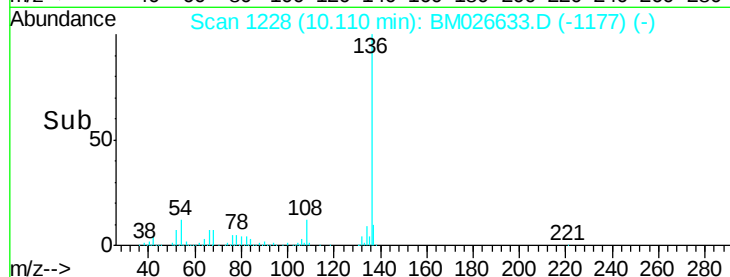
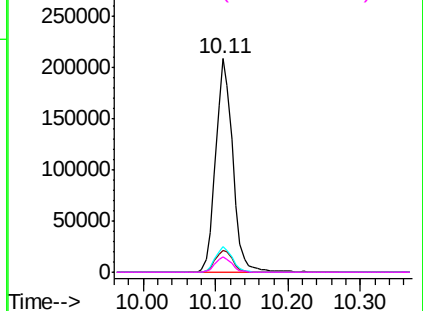
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.11 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Instrument :
BNA_M
ClientSampleId :
SP2-F

Tot Ion:136	Resp:	341015
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.5 12.7
54	11.8	9.0 13.6
68	7.3	5.6 8.4

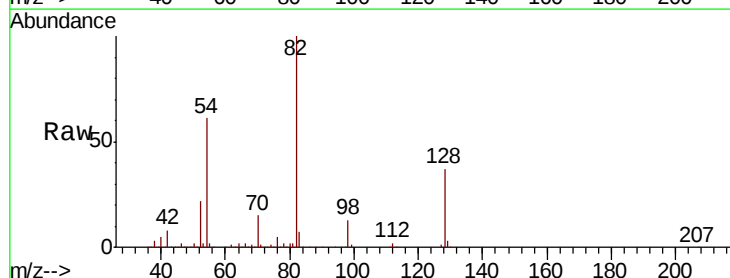


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

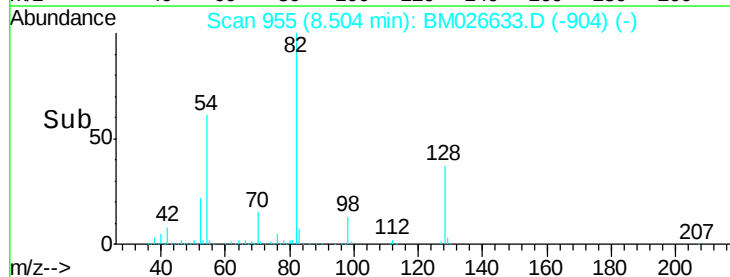
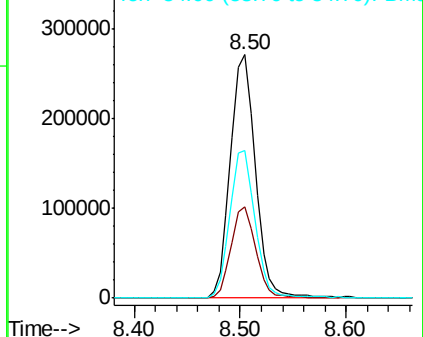


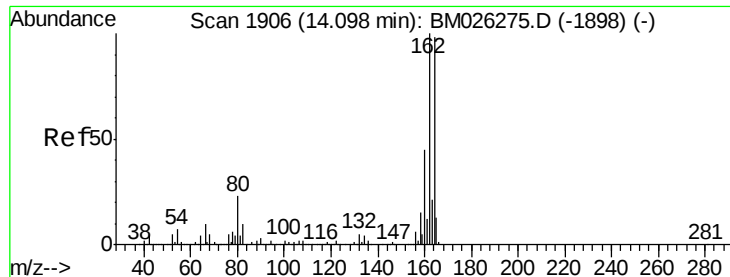
#23
Nitrobenzene-d5
Concen: 64.547 ng
RT: 8.50 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Tgt Ion: 82	Resp:	448304
Ion	Ratio	Lower Upper
82	100	
128	37.4	31.0 46.6
54	60.8	45.4 68.2



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

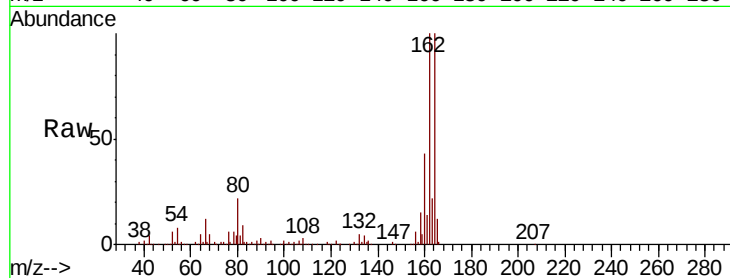




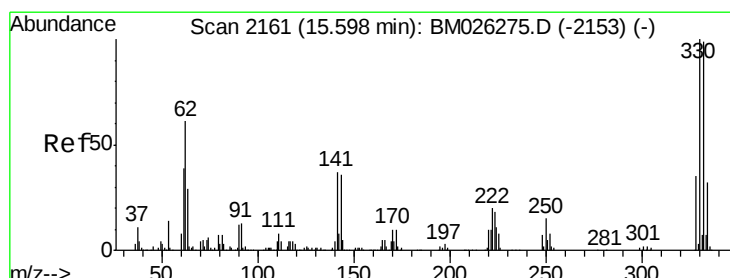
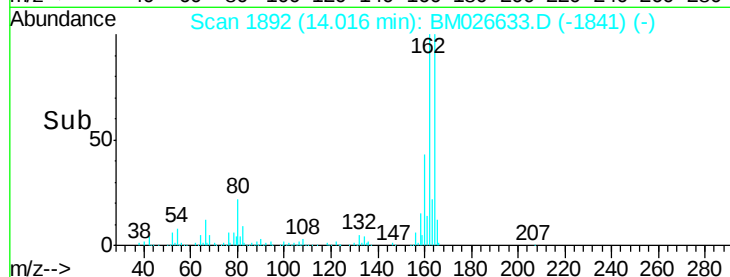
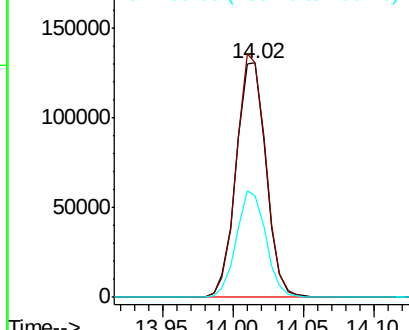
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.02 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Instrument :
BNA_M
ClientSampled :
SP2-F

Tot Ion:164 Resp: 193901
Ion Ratio Lower Upper
164 100
162 100.2 77.7 116.5
160 43.6 34.2 51.2

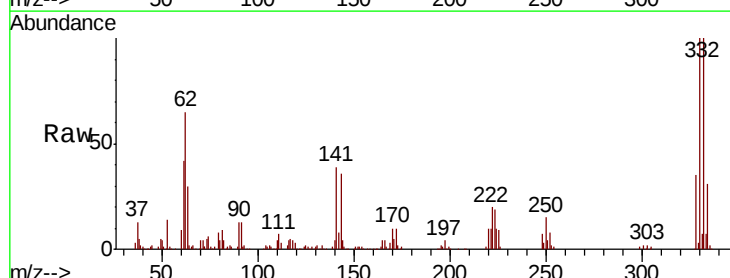


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

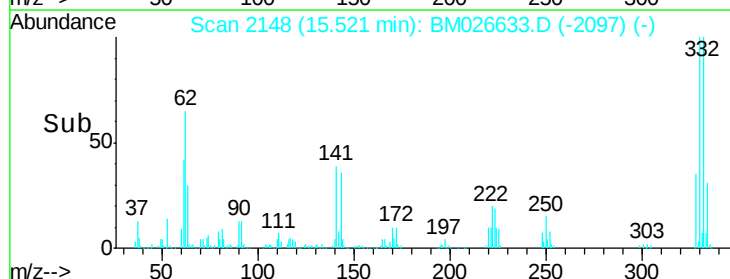
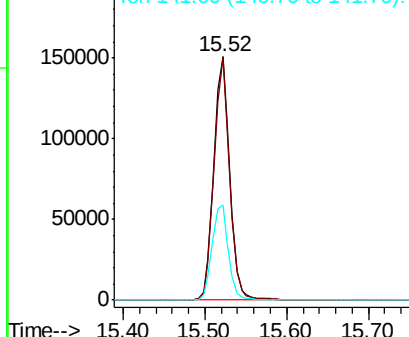


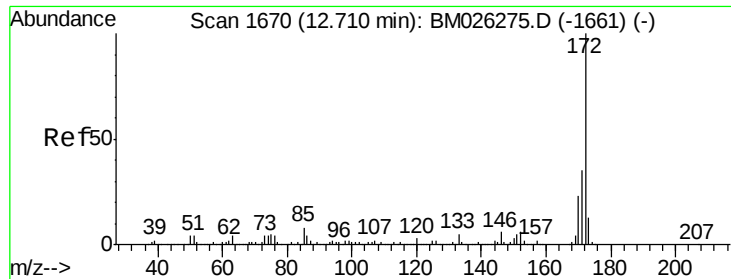
#42
2,4,6-Tribromophenol
Concen: 88.232 ng
RT: 15.52 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Tgt Ion:330 Resp: 207241
Ion Ratio Lower Upper
330 100
332 96.4 77.7 116.5
141 39.8 29.7 44.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

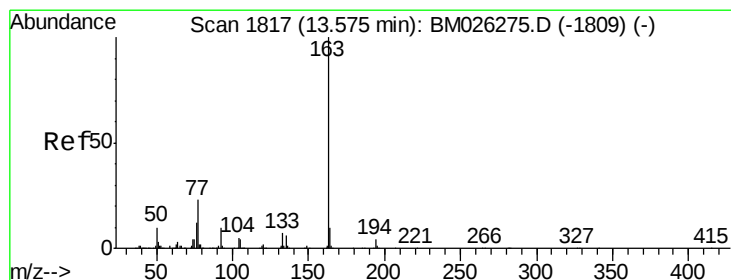
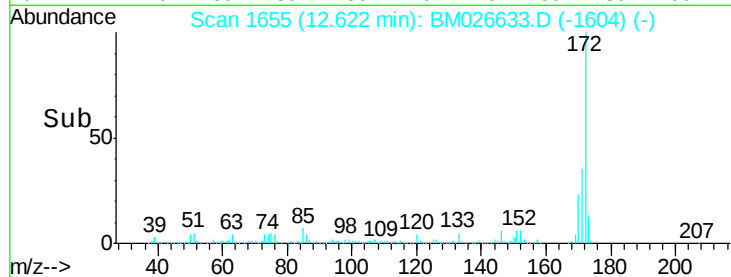
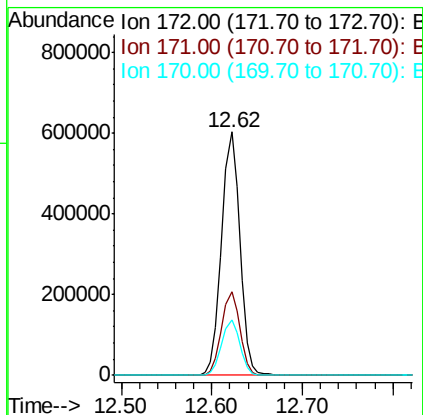
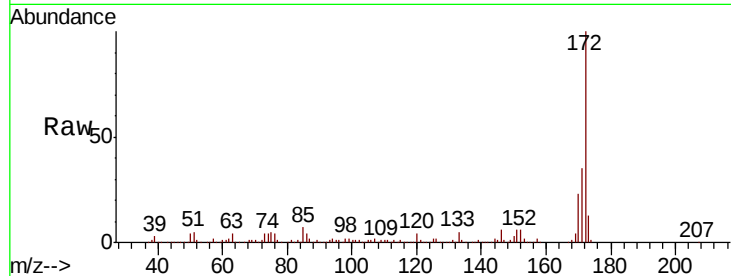




#45
2-Fluorobiphenyl
Concen: 66.376 ng
RT: 12.62 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

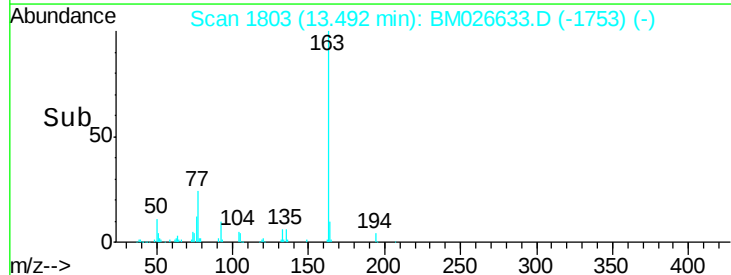
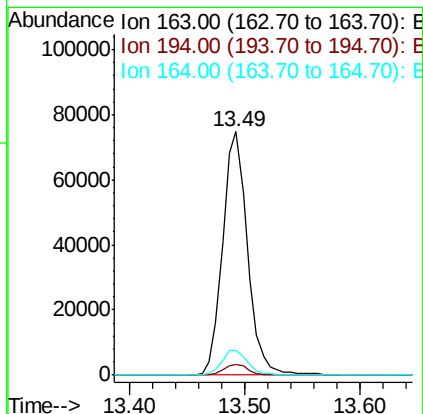
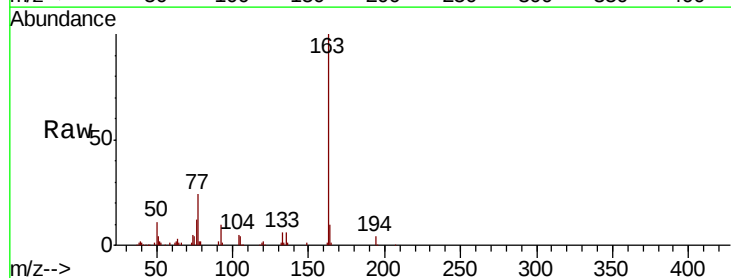
Instrument :
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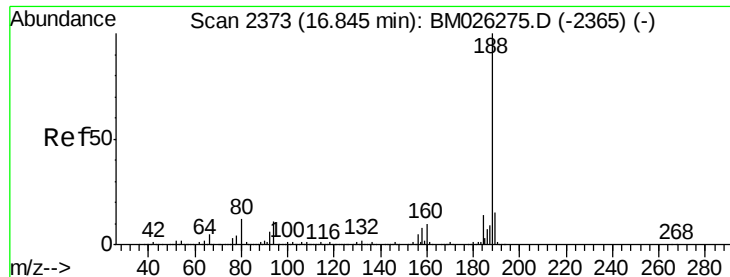
Tot Ion:172 Resp: 847866
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.8
170 23.0 18.2 27.4



#50
Dimethylphthalate
Concen: 7.889 ng
RT: 13.49 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Tgt Ion:163 Resp: 111890
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.3 7.8 11.8

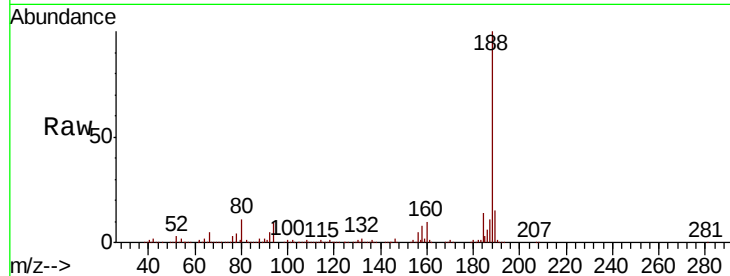




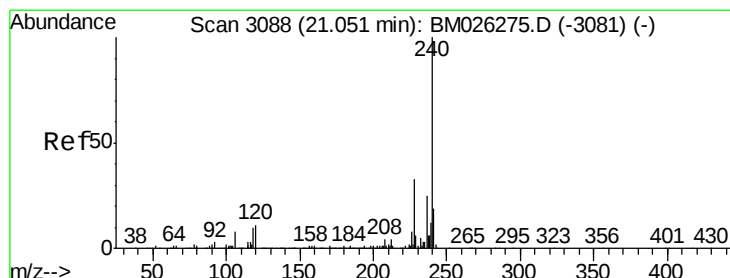
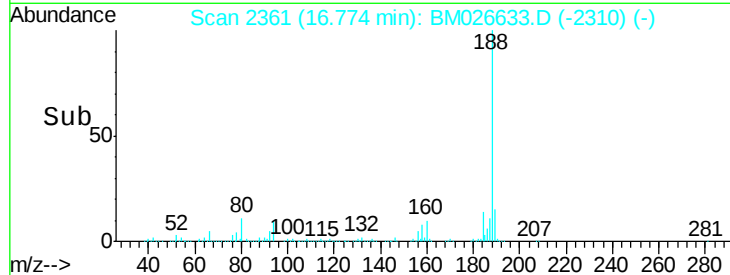
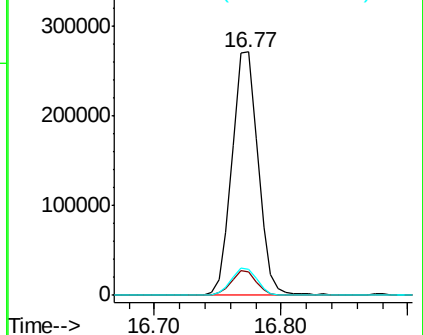
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.77 min Scan# 2361
Delta R.T. 0.00 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Instrument :
BNA_M
ClientSampleId :
SP2-F

Tot Ion:188 Resp: 386529
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.6
80 10.8 9.5 14.3

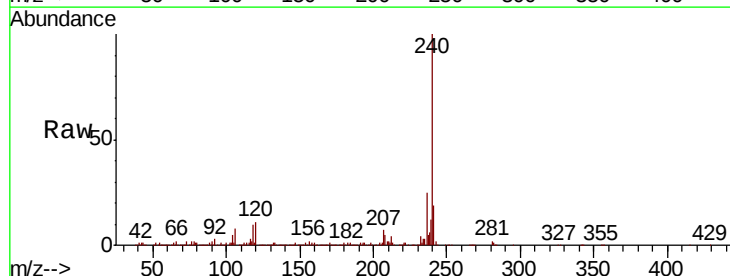


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

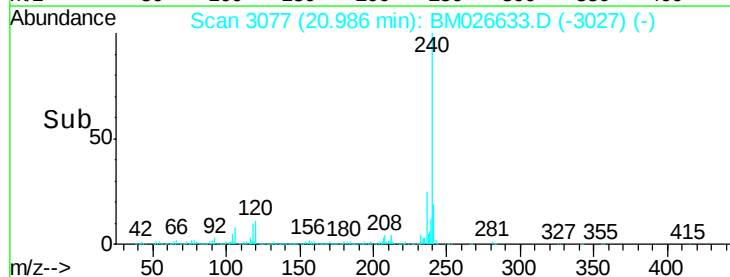
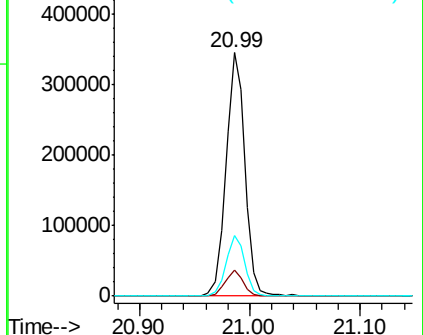


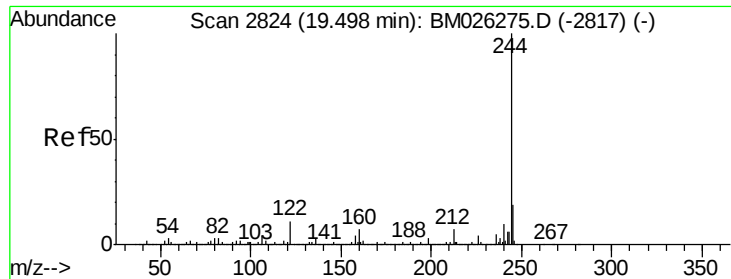
#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.99 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BM026633.D
Acq: 01 Jul 2020 12:29

Tgt Ion:240 Resp: 413041
Ion Ratio Lower Upper
240 100
120 10.8 9.3 13.9
236 25.0 19.4 29.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

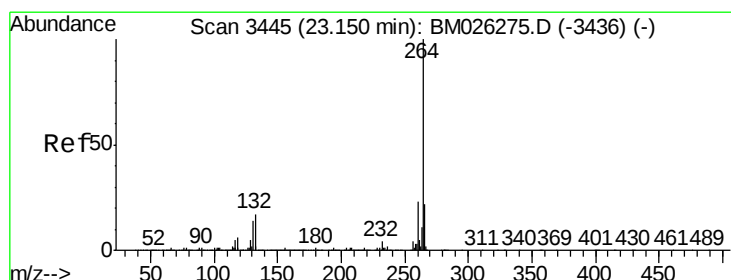
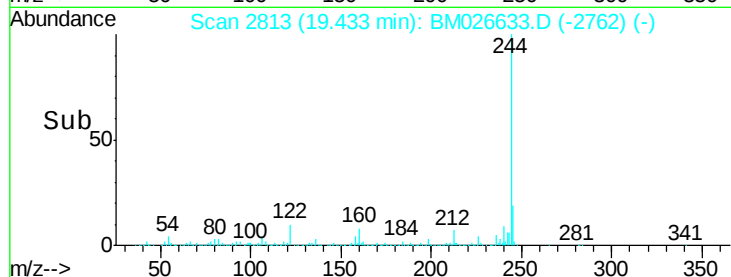
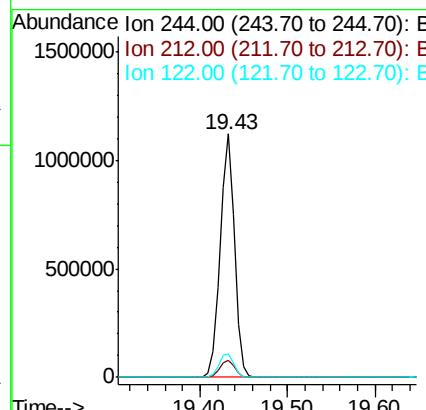
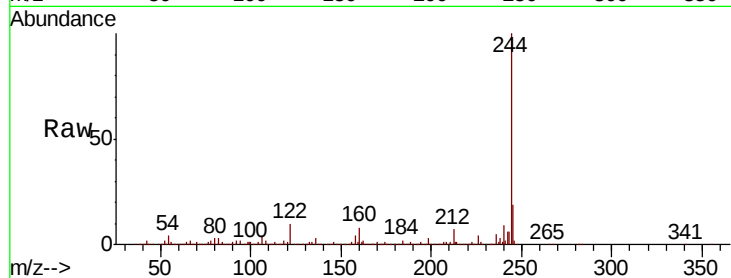




#79
 Terphenyl-d14
 Concen: 60.060 ng
 RT: 19.43 min Scan# 2813
 Delta R.T. 0.00 min
 Lab File: BM026633.D
 Acq: 01 Jul 2020 12:29

Instrument :
 BNA_M
 ClientSampleId :
 SP2-F

Tot Ion:244 Resp: 1277956
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 9.8 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.07 min Scan# 3431
 Delta R.T. 0.00 min
 Lab File: BM026633.D
 Acq: 01 Jul 2020 12:29

Tgt Ion:264 Resp: 437221
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.6 28.0
 265 21.5 17.8 26.6

