

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070120\
 Data File : BM026632.D
 Acq On : 01 Jul 2020 11:52
 Operator : JU/CG
 Sample : L3153-19
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP2-D

Quant Time: Jul 01 13:23:49 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

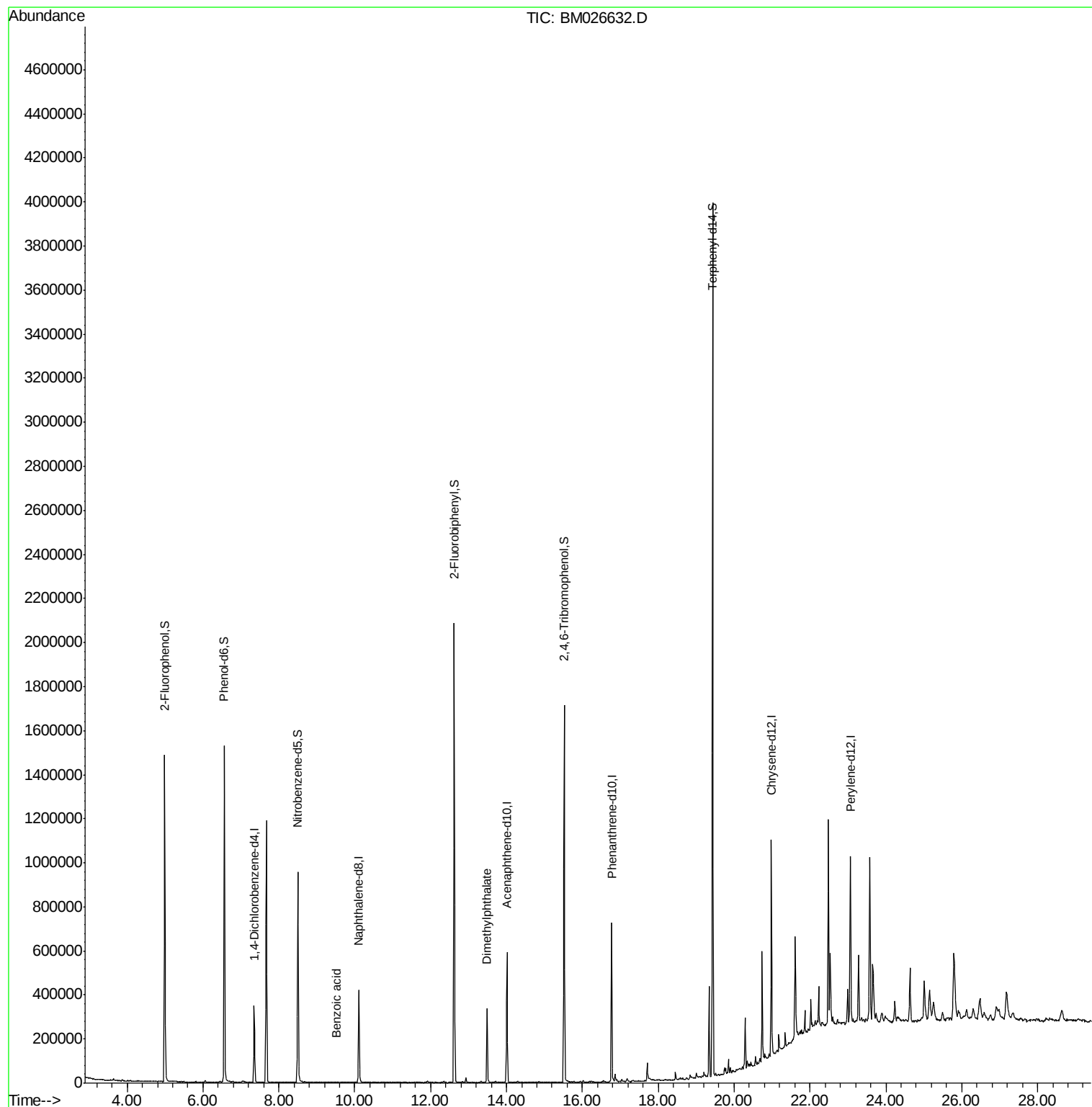
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	79111	20.00	ng	0.00
21) Naphthalene-d8	10.11	136	304173	20.00	ng	0.00
39) Acenaphthene-d10	14.02	164	178345	20.00	ng	0.00
64) Phenanthrene-d10	16.77	188	384184	20.00	ng	0.00
76) Chrysene-d12	20.99	240	416588	20.00	ng	0.00
86) Perylene-d12	23.07	264	441665	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	500552	111.87	ng	0.00
7) Phenol-d6	6.56	99	703243	108.54	ng	0.00
23) Nitrobenzene-d5	8.50	82	498326	80.44	ng	0.00
42) 2,4,6-Tribromophenol	15.52	330	258275	119.55	ng	0.00
45) 2-Fluorobiphenyl	12.62	172	951601	80.99	ng	0.00
79) Terphenyl-d14	19.43	244	1635181	76.19	ng	0.00
Target Compounds						
32) Benzoic acid	9.51	122	219	5.223	ng	Qvalue # 74
50) Dimethylphthalate	13.49	163	196769	15.084	ng	99

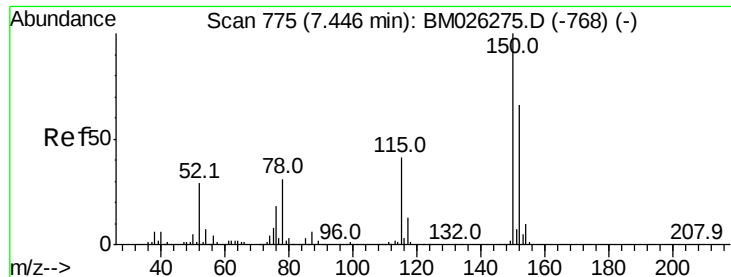
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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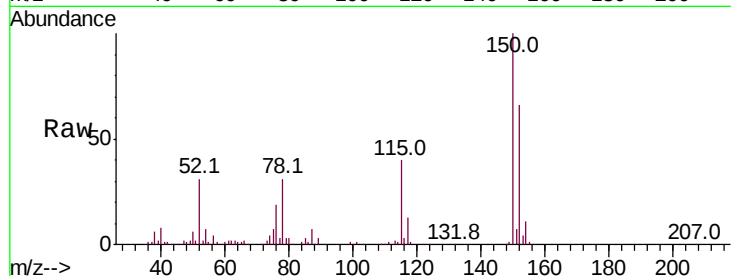


#1

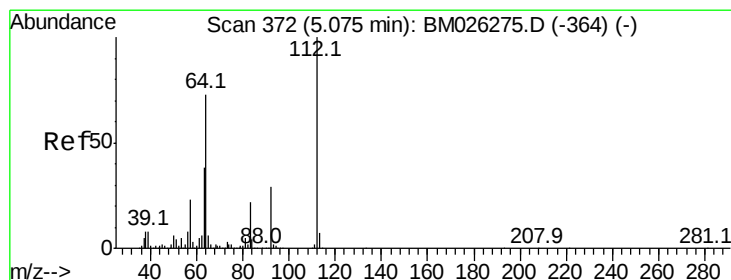
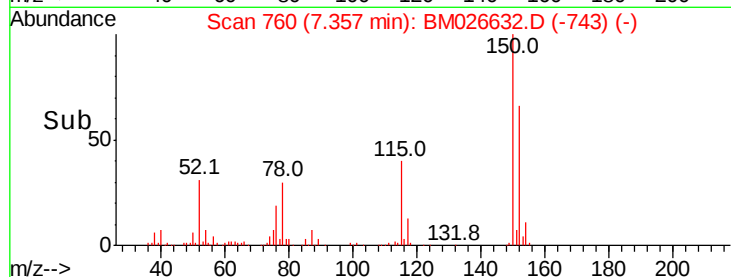
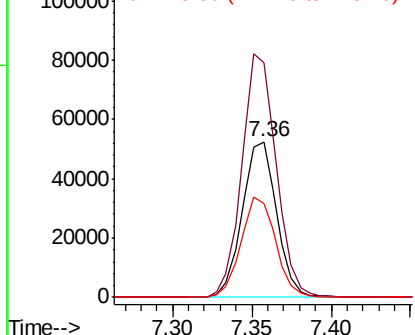
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.36 min Scan# 760
Delta R.T. 0.00 min
Lab File: BM026632.D
Acq: 01 Jul 2020 11:52

Instrument :
BNA_M
ClientSampled :
SP2-D

Tot Ion:152 Resp: 79111
Ion Ratio Lower Upper
152 100
150 151.2 127.8 191.6
115 60.1 51.5 77.3



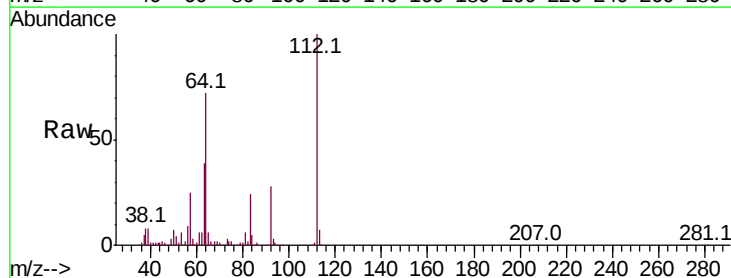
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



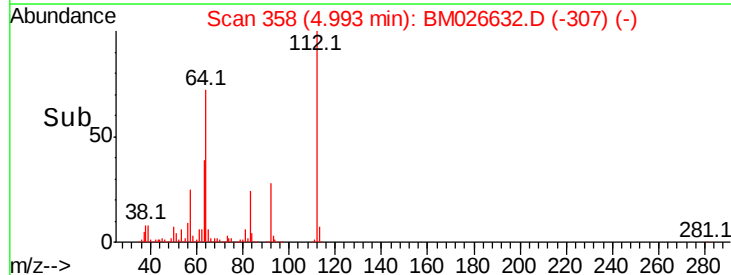
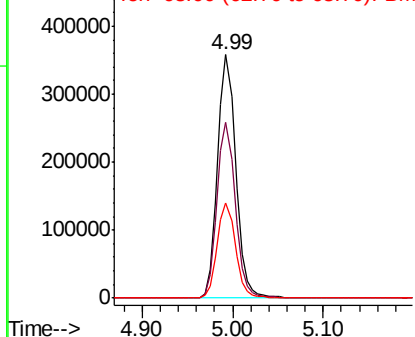
#5

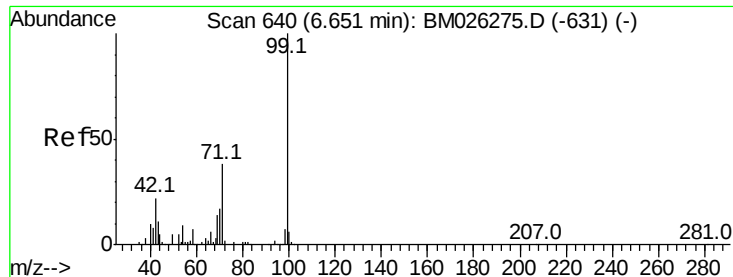
2-Fluorophenol
Concen: 111.867 ng
RT: 4.99 min Scan# 358
Delta R.T. 0.00 min
Lab File: BM026632.D
Acq: 01 Jul 2020 11:52

Tgt Ion:112 Resp: 500552
Ion Ratio Lower Upper
112 100
64 72.3 56.0 84.0
63 39.0 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: 108.536 ng

RT: 6.56 min Scan# 625

Delta R.T. 0.00 min

Lab File: BM026632.D

Acq: 01 Jul 2020 11:52

Instrument :

BNA_M

ClientSampleId :

SP2-D

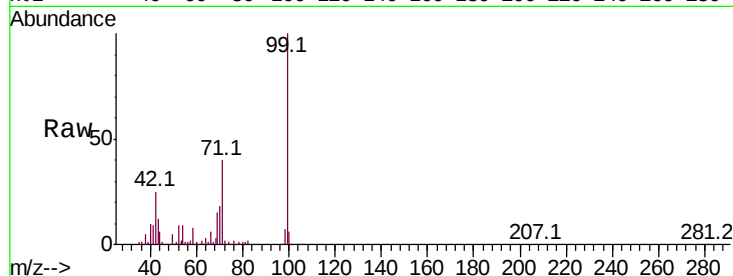
Tot Ion: 99 Resp: 703243

Ion Ratio Lower Upper

99 100

42 24.6 17.8 26.6

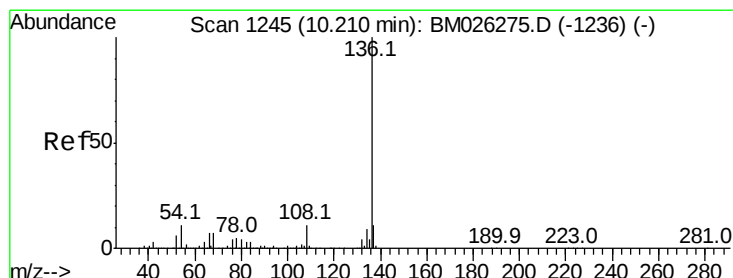
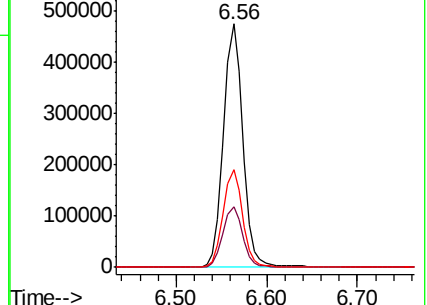
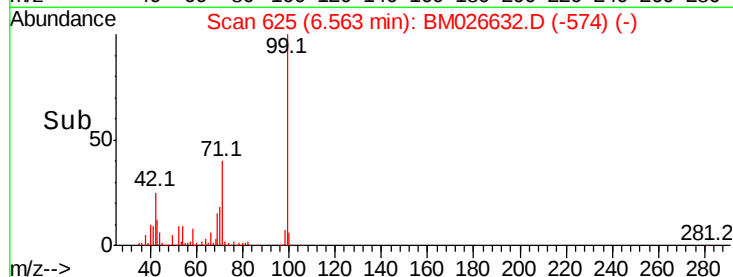
71 40.1 31.0 46.4



Abundance Ion 99.00 (98.70 to 99.70): BM026632.D (-574) (-)

Ion 42.00 (41.70 to 42.70): BM026632.D (-574) (-)

Ion 71.00 (70.70 to 71.70): BM026632.D (-574) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.11 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BM026632.D

Acq: 01 Jul 2020 11:52

Tgt Ion: 136 Resp: 304173

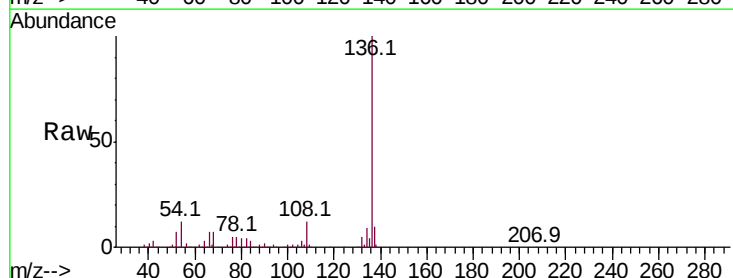
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 11.7 9.0 13.6

68 7.3 5.6 8.4

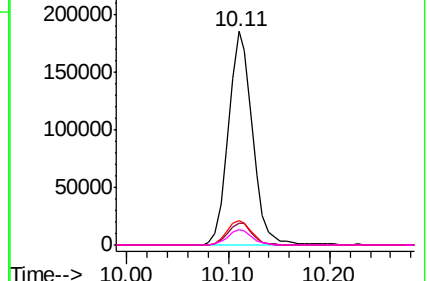
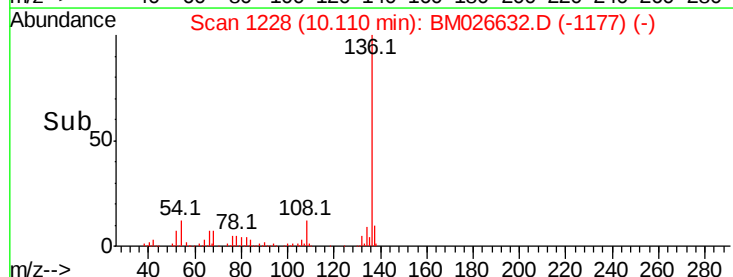


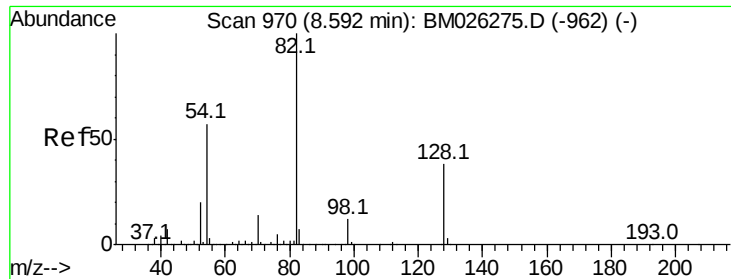
Abundance Ion 136.00 (135.70 to 136.70): BM026632.D (-1177) (-)

Ion 137.00 (136.70 to 137.70): BM026632.D (-1177) (-)

Ion 54.00 (53.70 to 54.70): BM026632.D (-1177) (-)

Ion 68.00 (67.70 to 68.70): BM026632.D (-1177) (-)

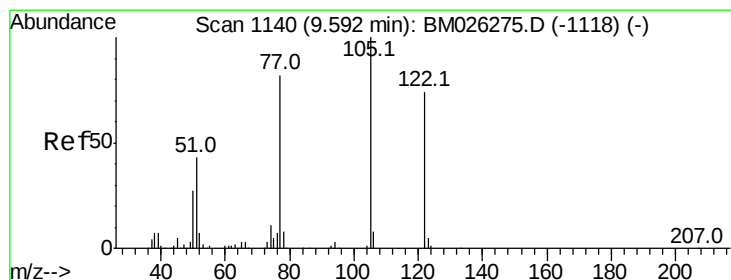
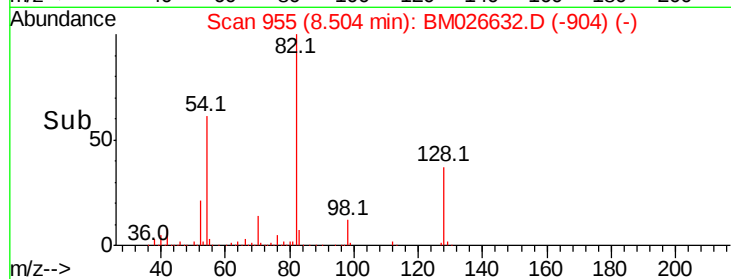
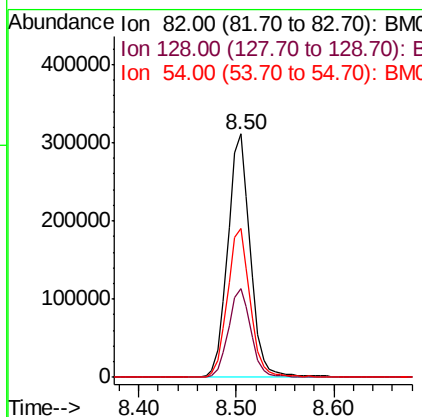
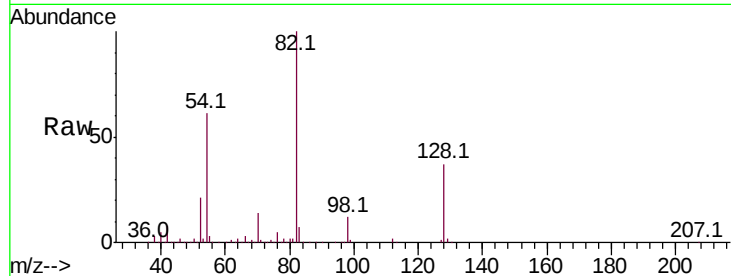




#23
 Nitrobenzene-d5
 Concen: 80.440 ng
 RT: 8.50 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BM026632.D
 Acq: 01 Jul 2020 11:52

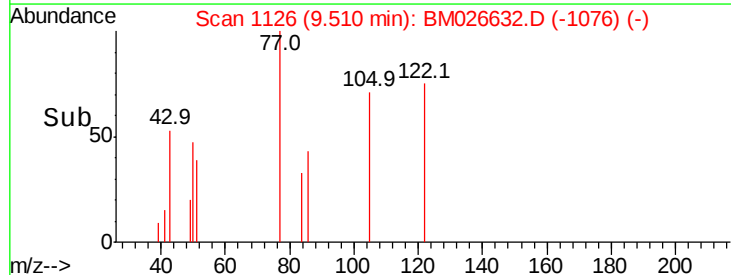
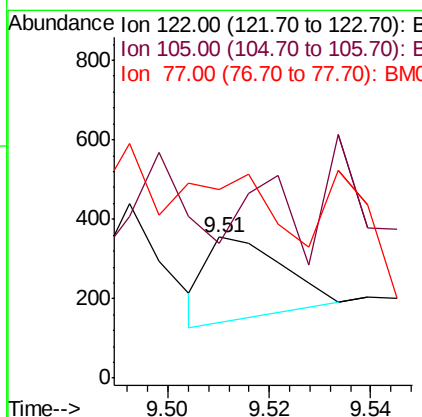
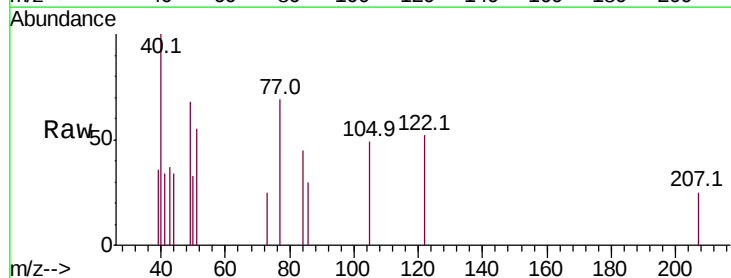
Instrument :
 BNA_M
 ClientSampleId :
 SP2-D

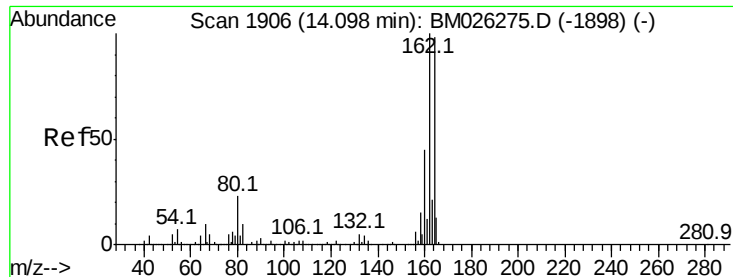
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.6	31.0	46.6
54	60.9	45.4	68.2



#32
 Benzoic acid
 Concen: 5.223 ng
 RT: 9.51 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BM026632.D
 Acq: 01 Jul 2020 11:52

Tgt Ion	Ratio	Lower	Upper
122	100		
105	95.2	108.9	148.9#
77	133.5	90.1	130.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.02 min Scan# 1892

Delta R.T. -0.00 min

Lab File: BM026632.D

Acq: 01 Jul 2020 11:52

Instrument :

BNA_M

ClientSampleId :

SP2-D

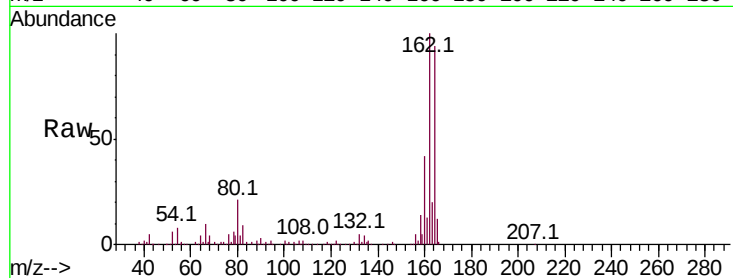
Tot Ion:164 Resp: 178345

Ion Ratio Lower Upper

164 100

162 106.6 77.7 116.5

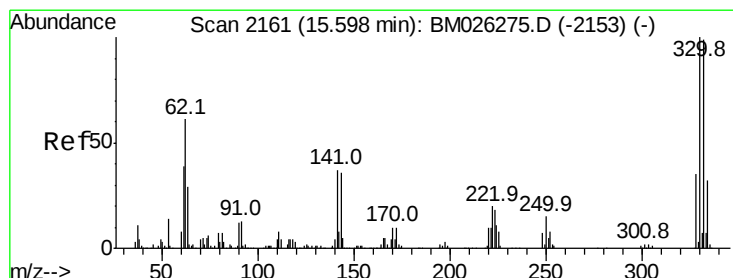
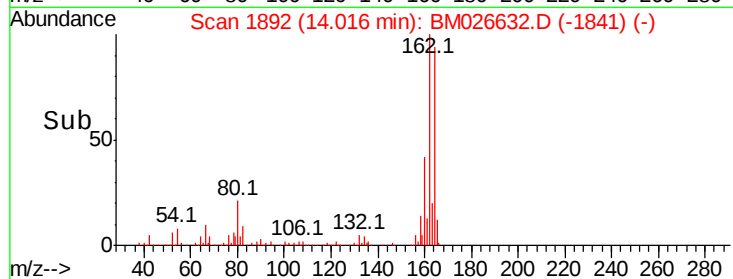
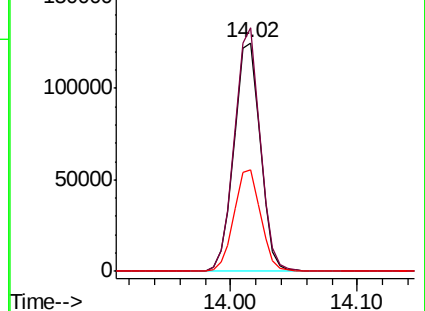
160 44.4 34.2 51.2



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: 119.551 ng

RT: 15.52 min Scan# 2148

Delta R.T. 0.00 min

Lab File: BM026632.D

Acq: 01 Jul 2020 11:52

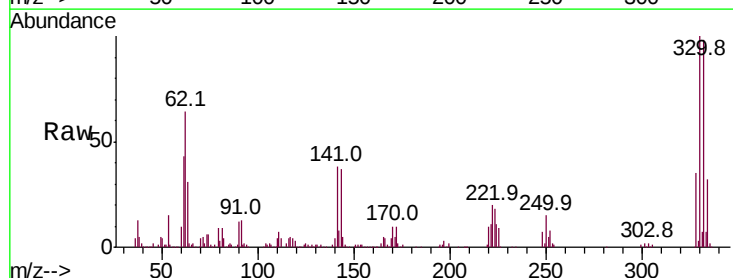
Tgt Ion:330 Resp: 258275

Ion Ratio Lower Upper

330 100

332 97.7 77.7 116.5

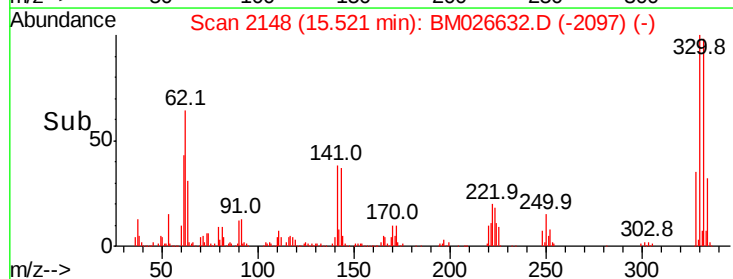
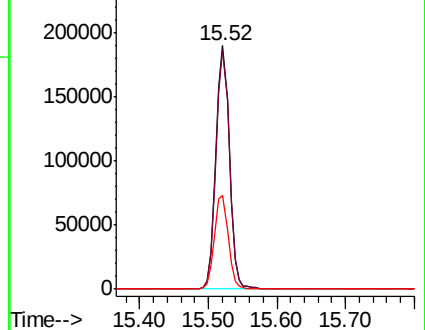
141 39.7 29.7 44.5

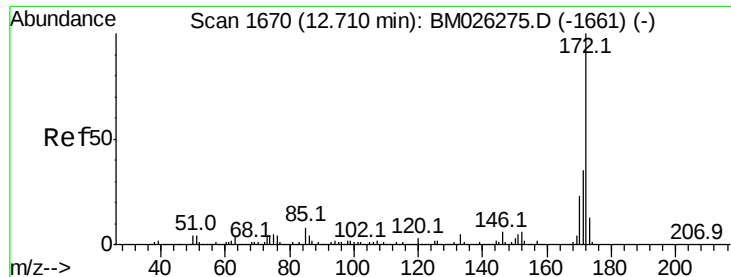


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

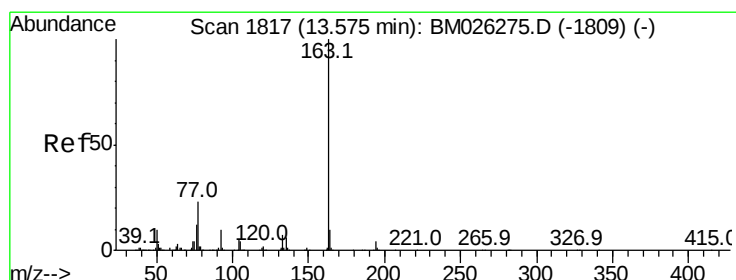
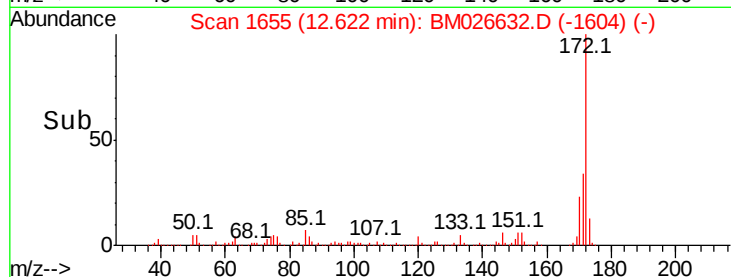
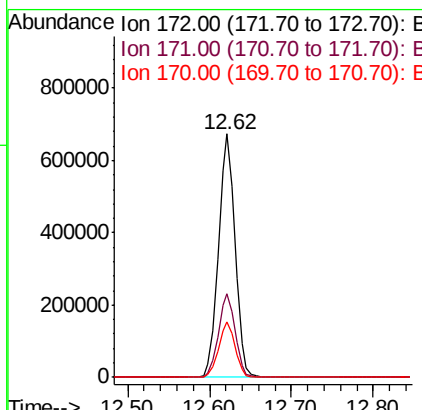
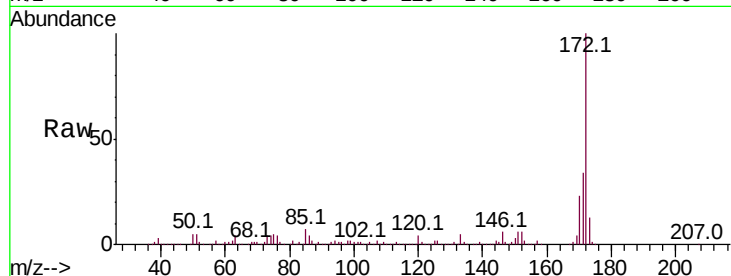




#45
2-Fluorobiphenyl
Concen: 80.995 ng
RT: 12.62 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BM026632.D
Acq: 01 Jul 2020 11:52

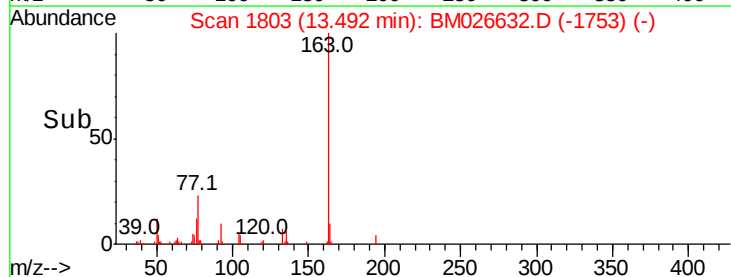
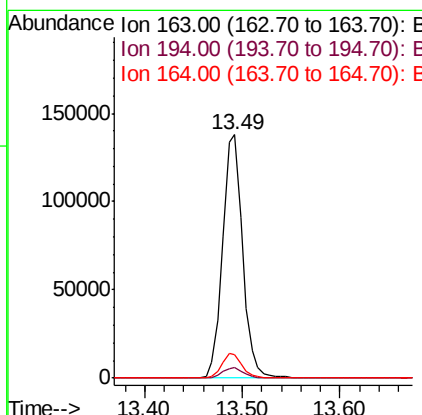
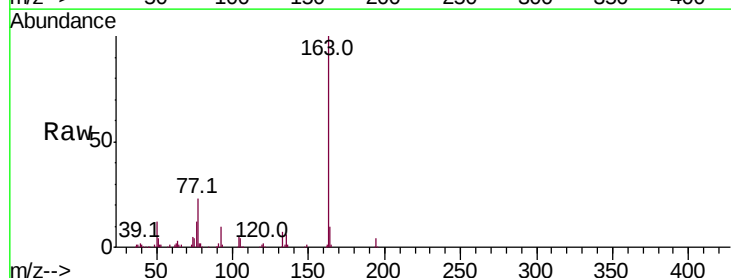
Instrument :
BNA_M
ClientSampleId :
SP2-D

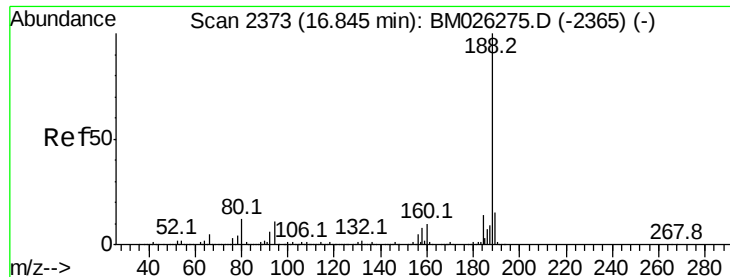
Tot Ion:172 Resp: 951601
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 23.0 18.2 27.4



#50
Dimethylphthalate
Concen: 15.084 ng
RT: 13.49 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BM026632.D
Acq: 01 Jul 2020 11:52

Tgt Ion:163 Resp: 196769
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 9.6 7.8 11.8

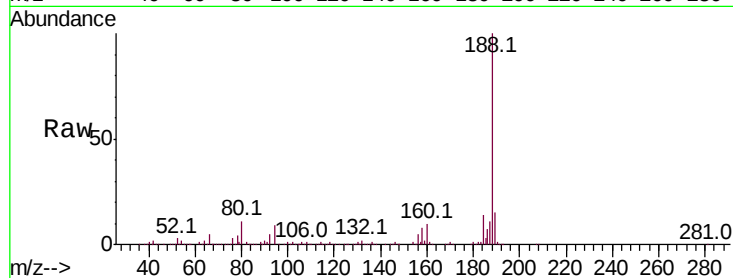




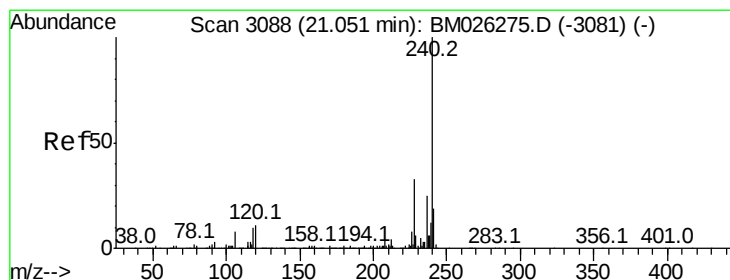
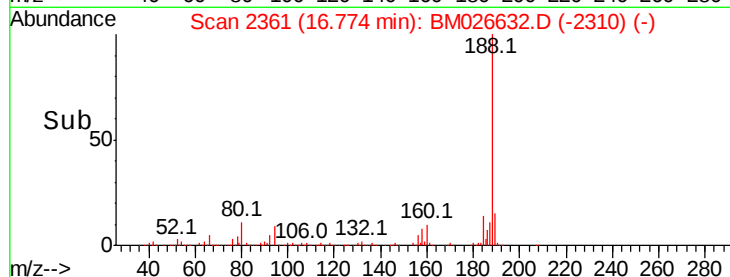
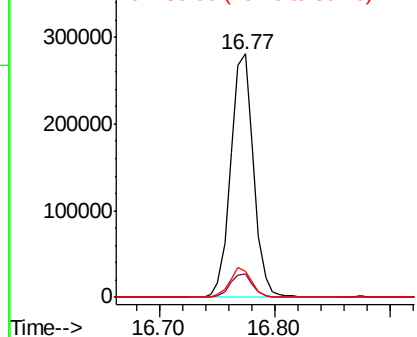
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.77 min Scan# 2361
Delta R.T. 0.00 min
Lab File: BM026632.D
Acq: 01 Jul 2020 11:52

Instrument :
BNA_M
ClientSampleId :
SP2-D

Tot Ion:188 Resp: 384184
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 10.9 9.5 14.3

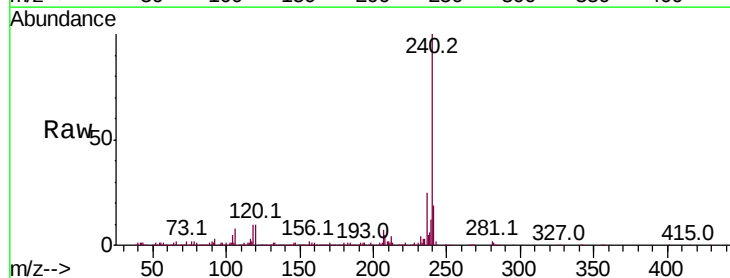


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

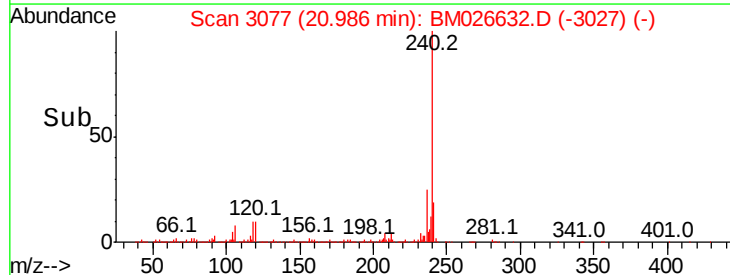
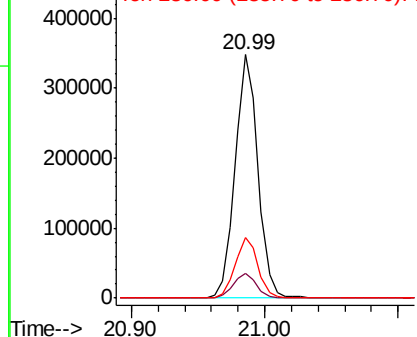


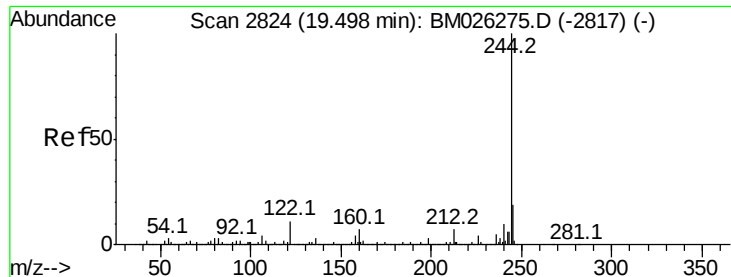
#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.99 min Scan# 3077
Delta R.T. -0.01 min
Lab File: BM026632.D
Acq: 01 Jul 2020 11:52

Tgt Ion:240 Resp: 416588
Ion Ratio Lower Upper
240 100
120 10.3 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: 76.195 ng

RT: 19.43 min Scan# 2813

Delta R.T. 0.00 min

Lab File: BM026632.D

Acq: 01 Jul 2020 11:52

Instrument :

BNA_M

ClientSampleId :

SP2-D

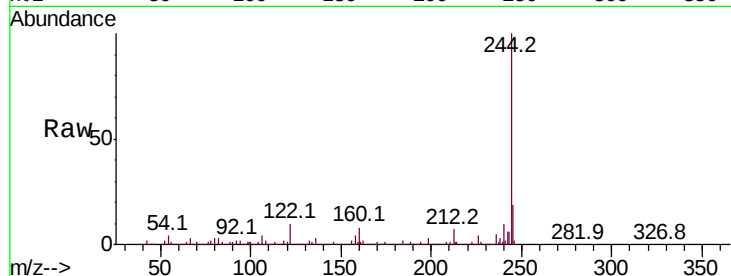
Tot Ion:244 Resp: 1635181

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

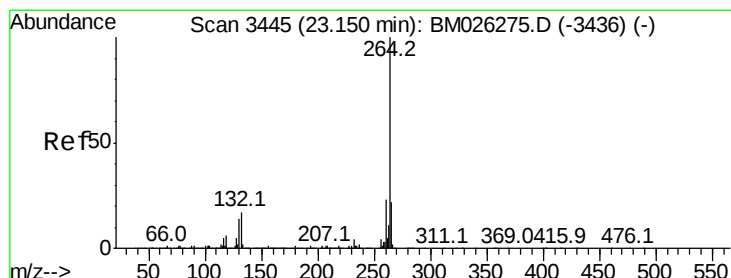
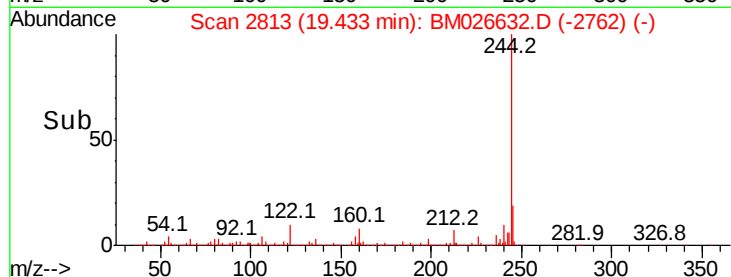
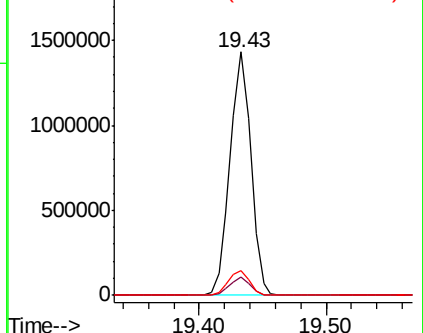
122 10.1 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.07 min Scan# 3431

Delta R.T. 0.00 min

Lab File: BM026632.D

Acq: 01 Jul 2020 11:52

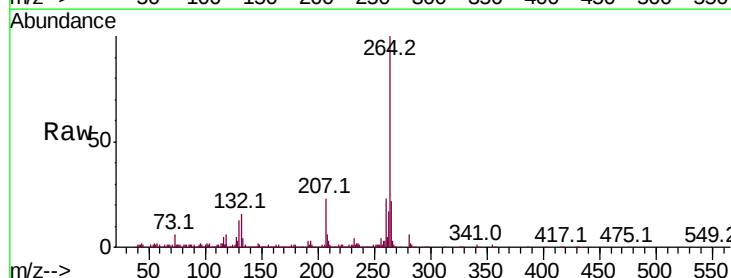
Tgt Ion:264 Resp: 441665

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 22.2 17.8 26.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

