

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM091620\
 Data File : BM027439.D
 Acq On : 16 Sep 2020 12:56
 Operator : JU/CG
 Sample : PB131588BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB131588BL

Quant Time: Sep 16 13:44:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 13:41:16 2020
 Response via : Initial Calibration

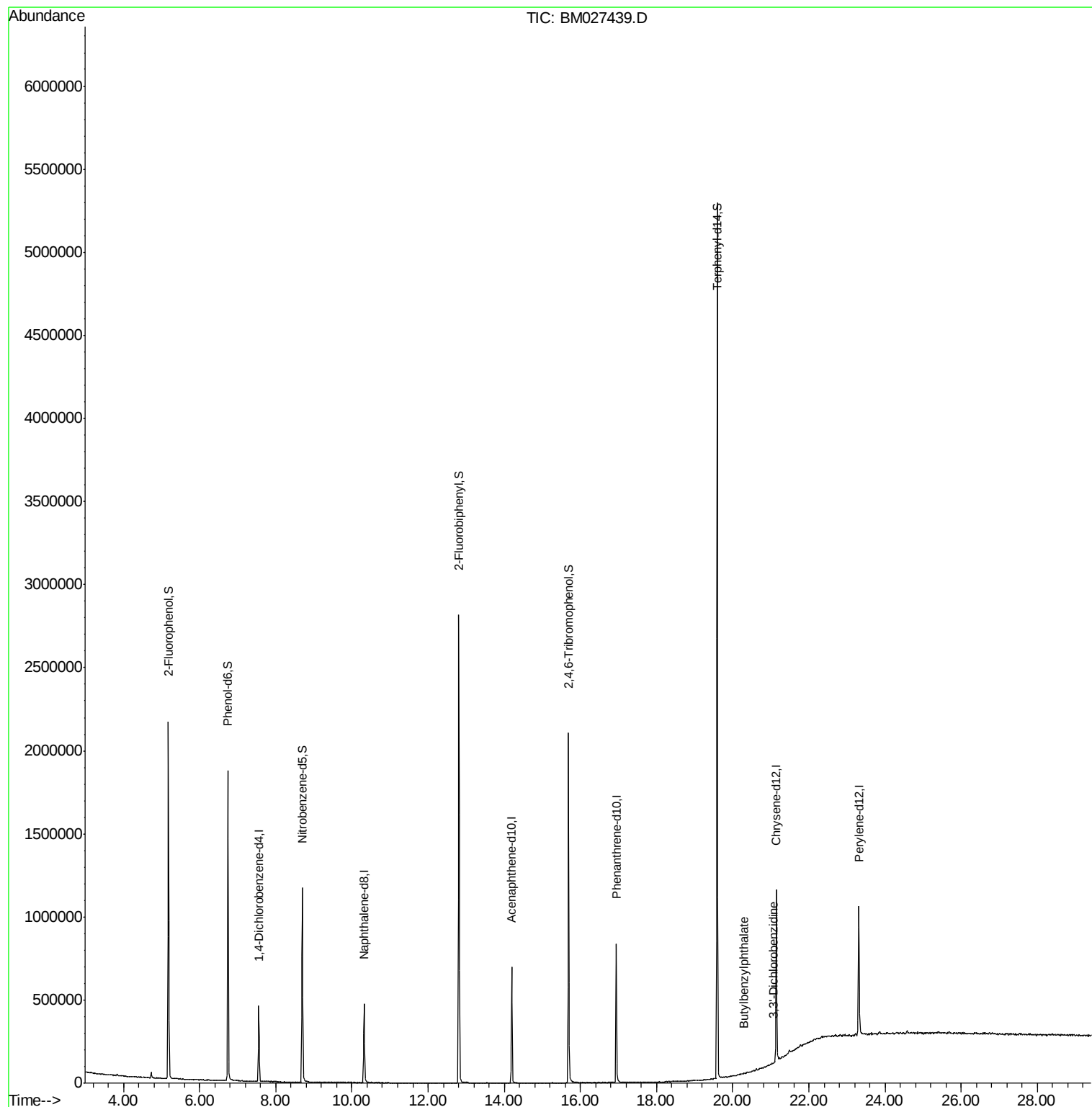
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	115196	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	379609	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	239682	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	511026	20.00	ng	0.00
76) Chrysene-d12	21.14	240	509790	20.00	ng	0.00
86) Perylene-d12	23.31	264	527401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	777135	112.31	ng	0.00
7) Phenol-d6	6.75	99	941321	100.81	ng	0.00
23) Nitrobenzene-d5	8.70	82	719473	80.97	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	375650	89.39	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	1393165	77.30	ng	0.00
79) Terphenyl-d14	19.59	244	2178845	74.39	ng	0.00
Target Compounds						
80) Butylbenzylphthalate	20.30	149	181	3.917	ng	# 23
82) 3,3'-Dichlorobenzidine	21.05	252	277	3.402	ng	# 25

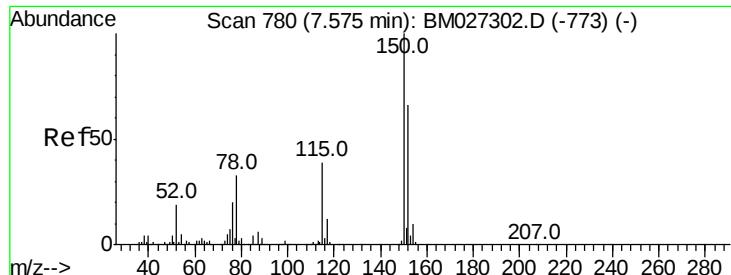
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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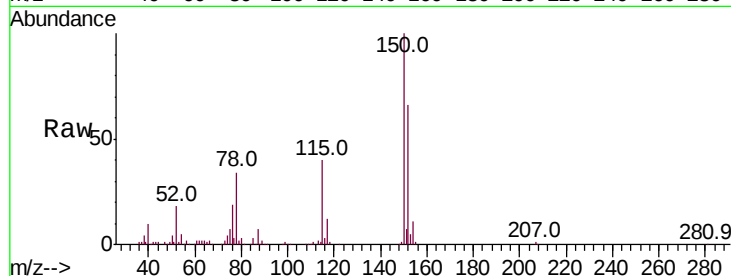


#1

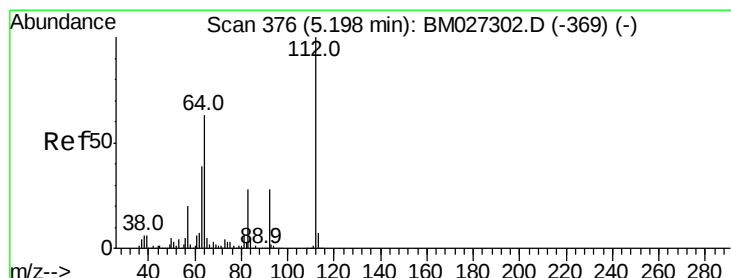
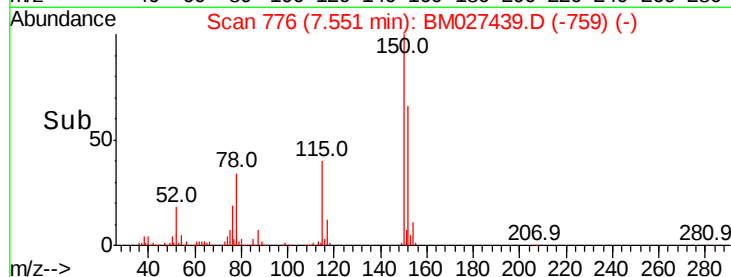
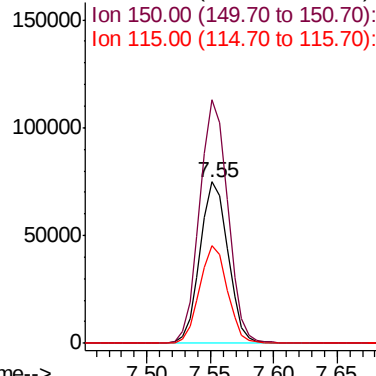
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.55 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BM027439.D
 Acq: 16 Sep 2020 12:56

Instrument :
 BNA_M
 ClientSampleId :
 PB131588BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	120.6	181.0
115	60.8	47.2	70.8



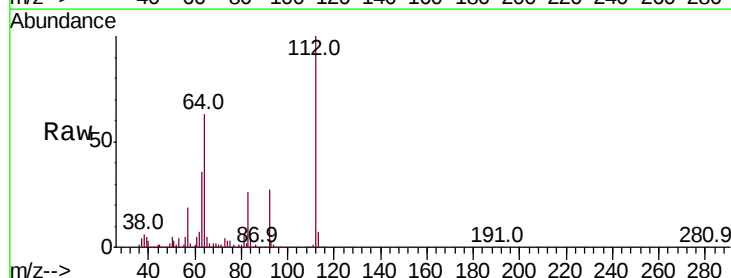
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



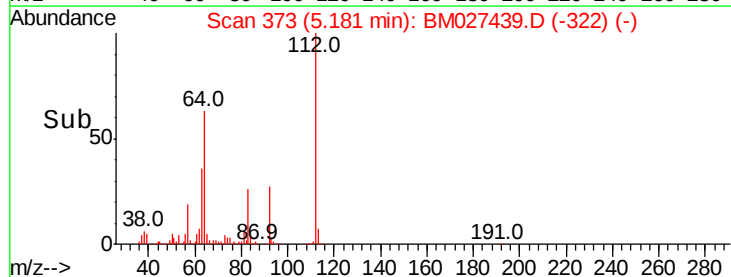
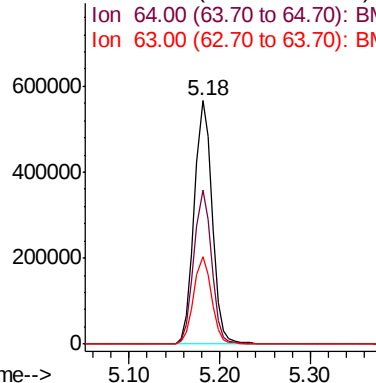
#5

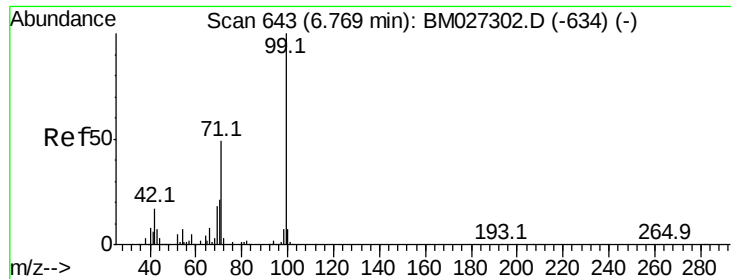
2-Fluorophenol
 Concen: 112.315 ng
 RT: 5.18 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: BM027439.D
 Acq: 16 Sep 2020 12:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	50.6	76.0
63	35.8	31.0	46.6



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: 100.814 ng

RT: 6.75 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM027439.D

Acq: 16 Sep 2020 12:56

Instrument :

BNA_M

ClientSampleId :

PB131588BL

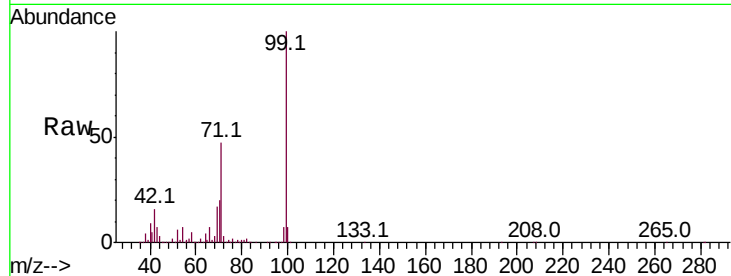
Tot Ion: 99 Resp: 941321

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

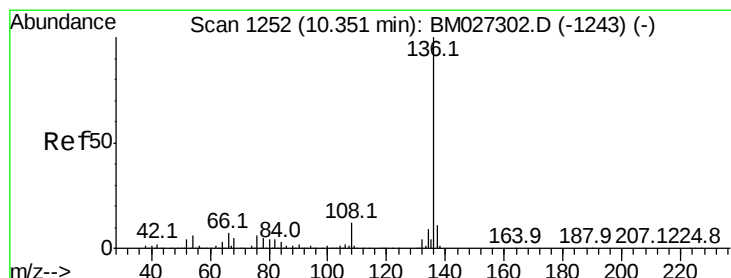
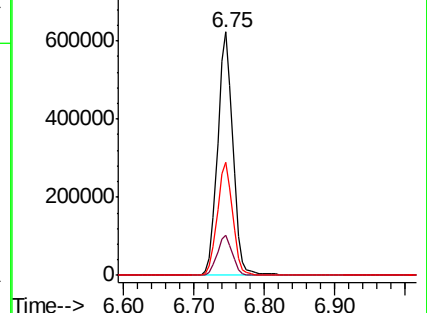
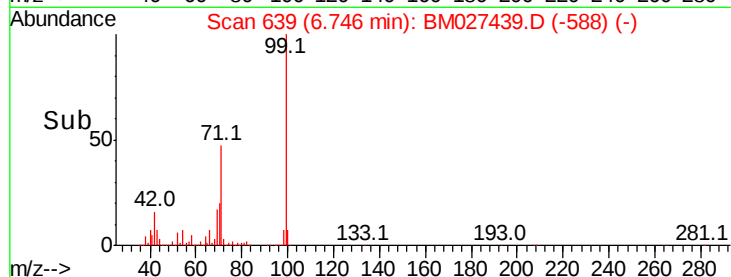
71 46.6 39.4 59.0



Abundance Ion 99.00 (98.70 to 99.70): BM027302.D (-634) (-)

Ion 42.00 (41.70 to 42.70): BM027302.D (-634) (-)

Ion 71.00 (70.70 to 71.70): BM027302.D (-634) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BM027439.D

Acq: 16 Sep 2020 12:56

Tgt Ion: 136 Resp: 379609

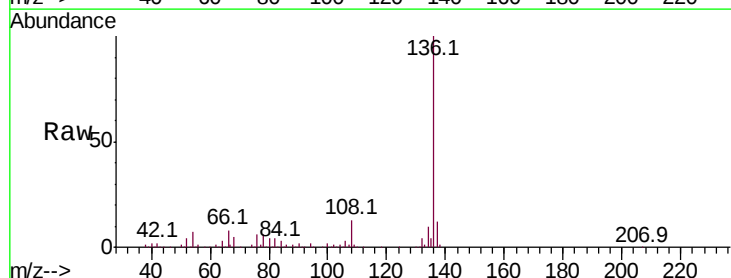
Ion Ratio Lower Upper

136 100

137 11.6 8.6 12.8

54 6.7 4.6 7.0

68 5.0 4.1 6.1

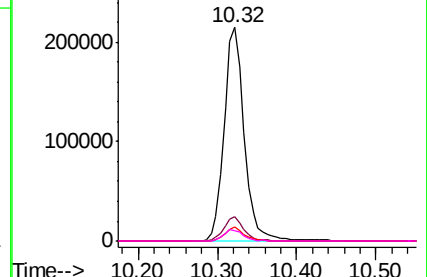
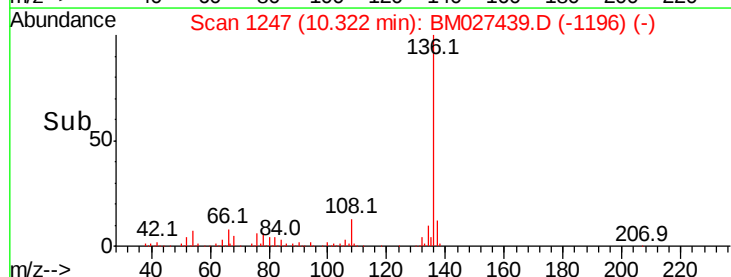


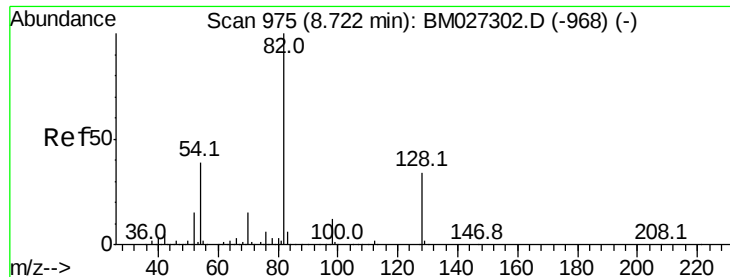
Abundance Ion 136.00 (135.70 to 136.70): BM027302.D (-1243) (-)

Ion 137.00 (136.70 to 137.70): BM027302.D (-1243) (-)

Ion 54.00 (53.70 to 54.70): BM027302.D (-1243) (-)

Ion 68.00 (67.70 to 68.70): BM027302.D (-1243) (-)

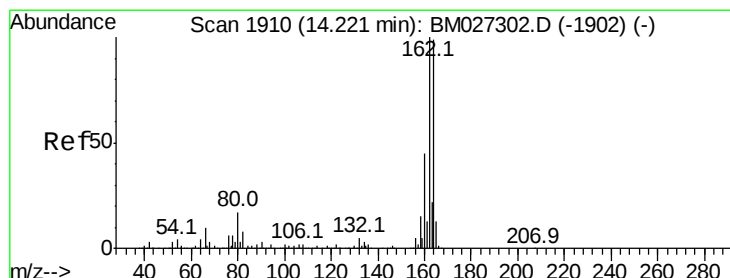
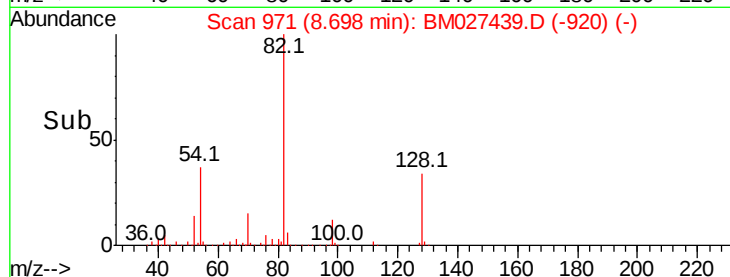
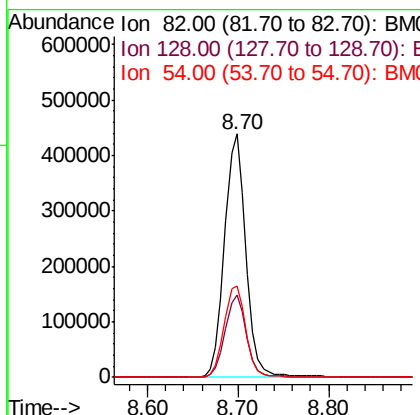
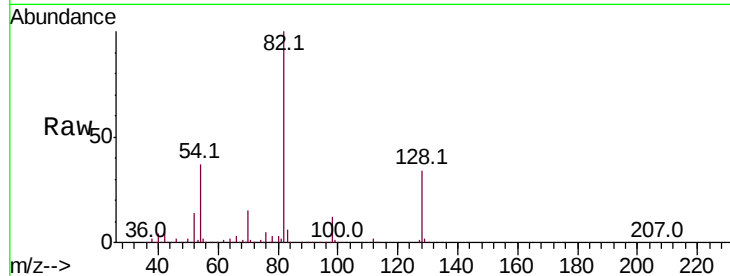




#23
 Nitrobenzene-d5
 Concen: 80.970 ng
 RT: 8.70 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BM027439.D
 Acq: 16 Sep 2020 12:56

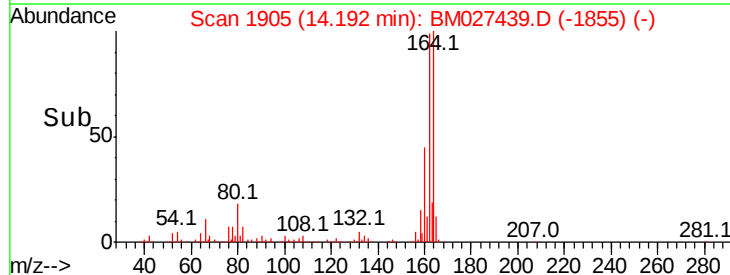
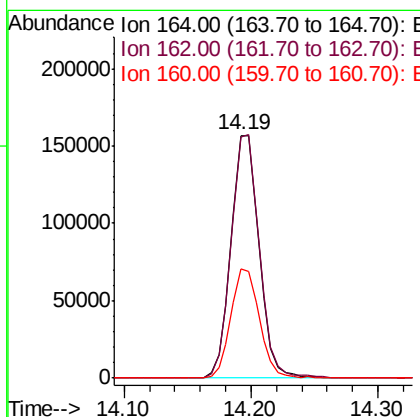
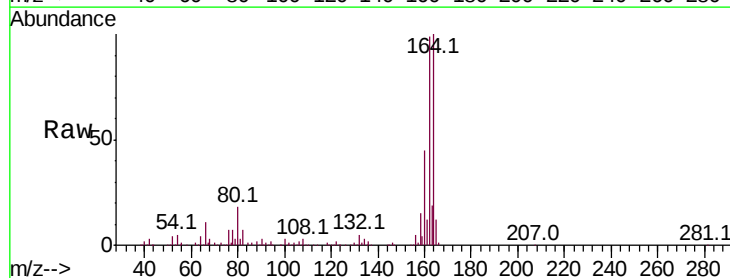
Instrument :
 BNA_M
 ClientSampleId :
 PB131588BL

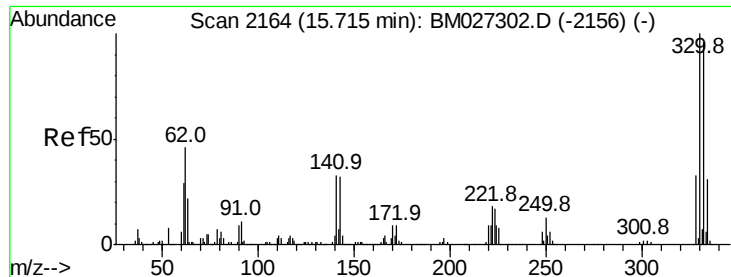
Tot Ion	82	Resp	719473
Ion Ratio	Lower	Upper	
82	100		
128	33.8	27.4	41.0
54	37.4	31.4	47.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM027439.D
 Acq: 16 Sep 2020 12:56

Tgt Ion	164	Resp	239682
Ion Ratio	Lower	Upper	
164	100		
162	99.2	80.4	120.6
160	45.0	35.9	53.9





#42

2,4,6-Tribromophenol

Concen: 89.387 ng

RT: 15.69 min Scan# 2160

Delta R.T. 0.00 min

Lab File: BM027439.D

Acq: 16 Sep 2020 12:56

Instrument :

BNA_M

ClientSampleId :

PB131588BL

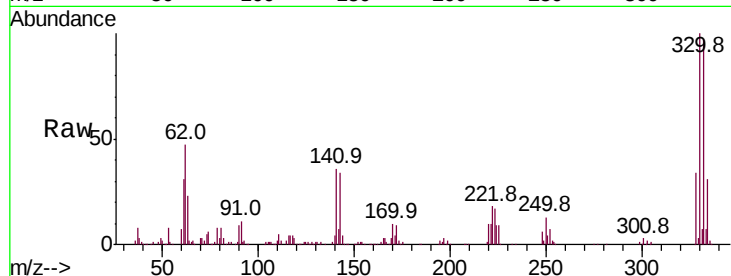
Tot Ion:330 Resp: 375650

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.8

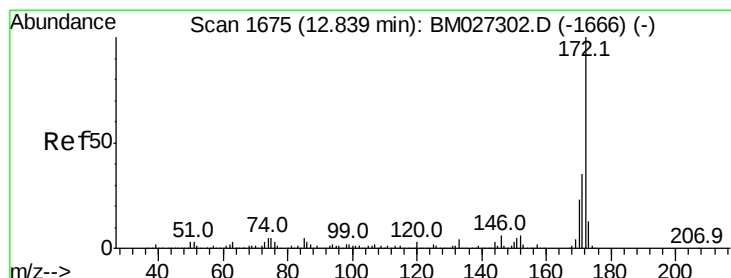
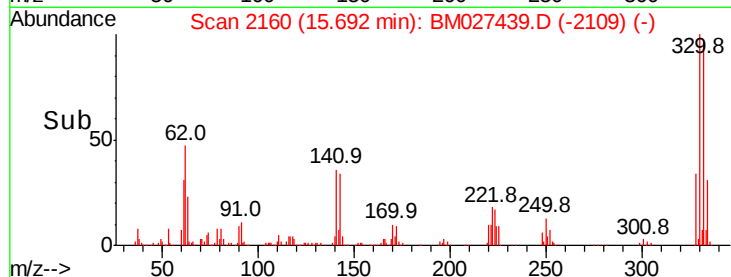
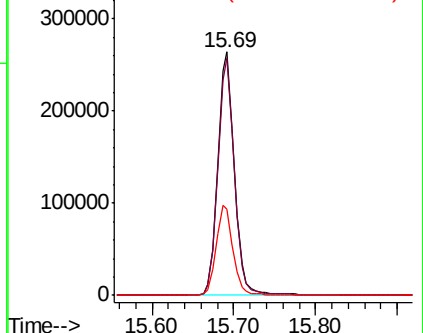
141 37.3 28.4 42.6



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: 77.301 ng

RT: 12.81 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BM027439.D

Acq: 16 Sep 2020 12:56

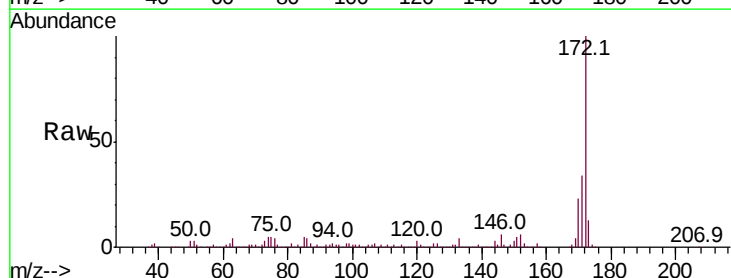
Tgt Ion:172 Resp: 1393165

Ion Ratio Lower Upper

172 100

171 34.5 27.8 41.8

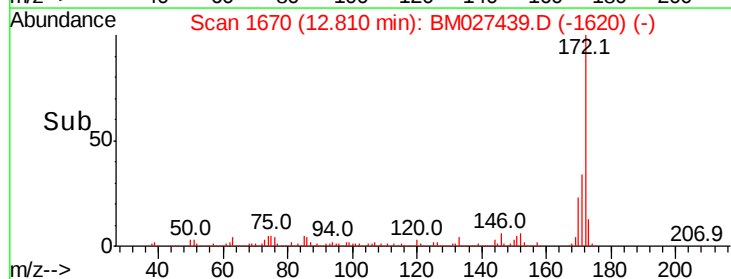
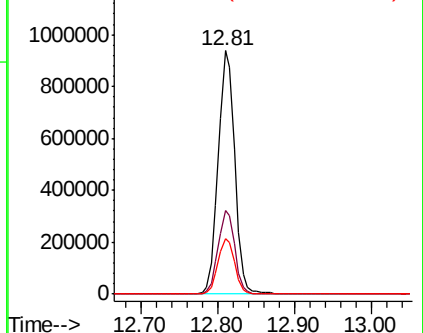
170 22.9 18.6 27.8

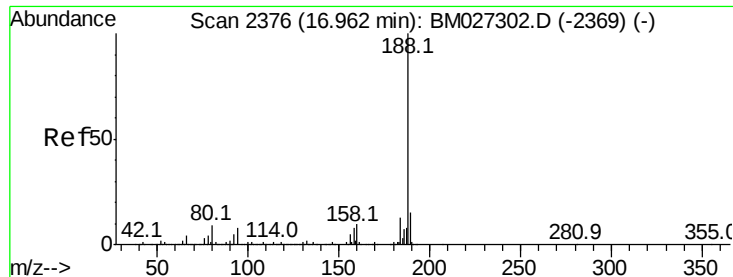


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.94 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BM027439.D

Acq: 16 Sep 2020 12:56

Instrument :

BNA_M

ClientSampleId :

PB131588BL

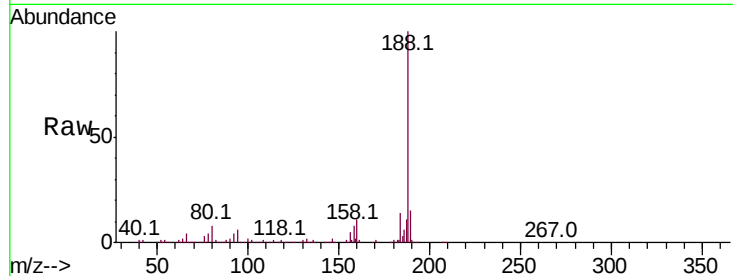
Tot Ion:188 Resp: 511026

Ion Ratio Lower Upper

188 100

94 6.2 6.2 9.4#

80 7.8 7.5 11.3

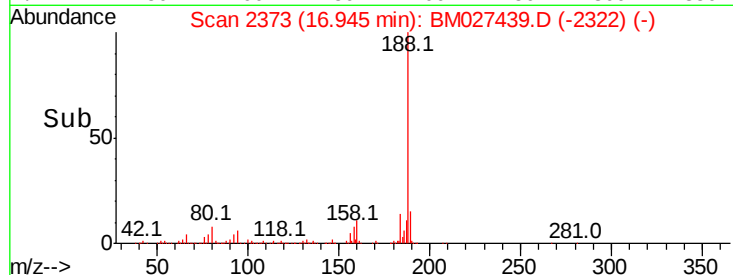


Abundance Ion 188.00 (187.70 to 188.70): E

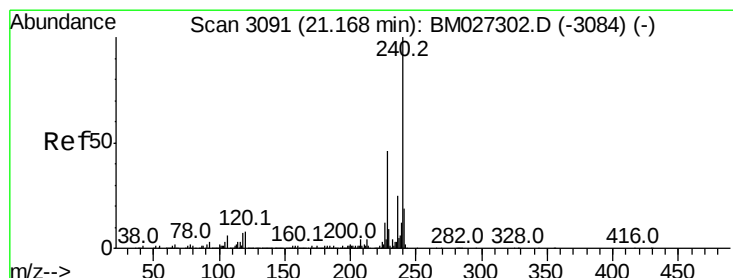
Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

16.94



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.14 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BM027439.D

Acq: 16 Sep 2020 12:56

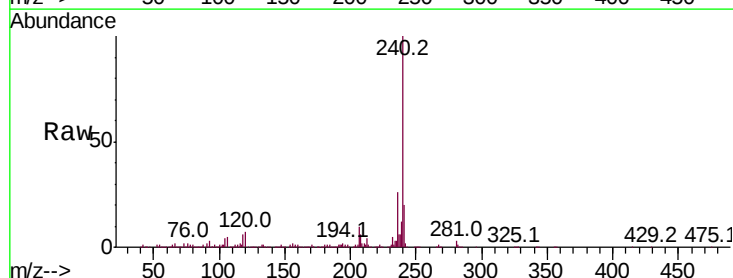
Tgt Ion:240 Resp: 509790

Ion Ratio Lower Upper

240 100

120 7.0 6.4 9.6

236 25.7 20.1 30.1

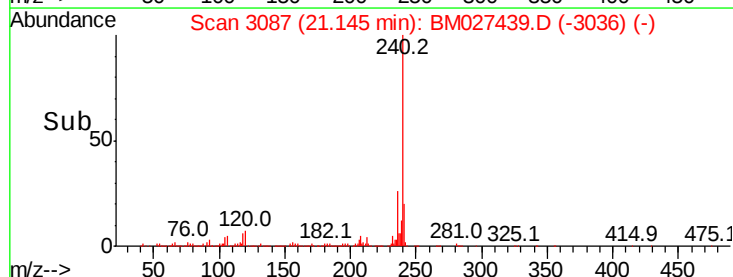


Abundance Ion 240.00 (239.70 to 240.70): E

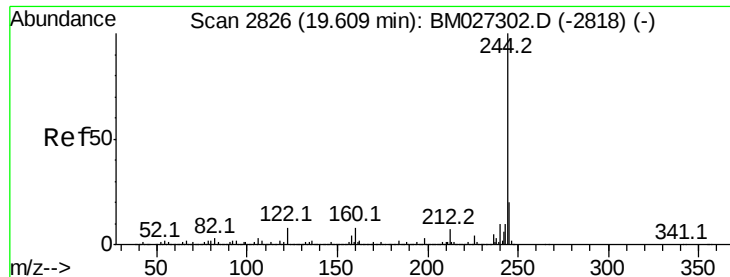
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.14



Time-->



#79

Terphenyl-d14

Concen: 74.387 ng

RT: 19.59 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM027439.D

Acq: 16 Sep 2020 12:56

Instrument :

BNA_M

ClientSampleId :

PB131588BL

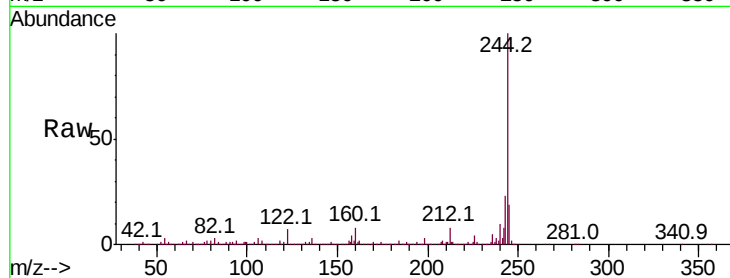
Tot Ion:244 Resp: 2178845

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

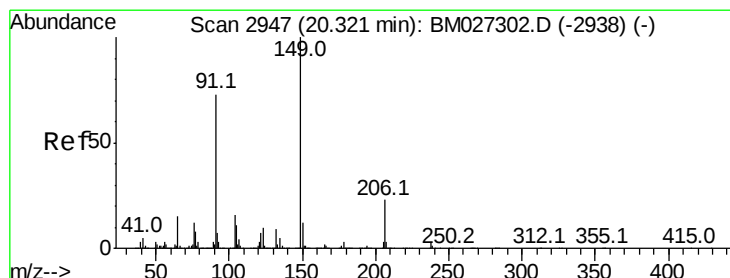
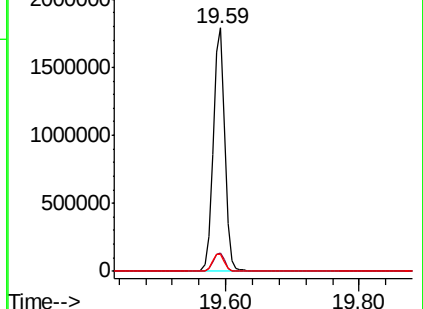
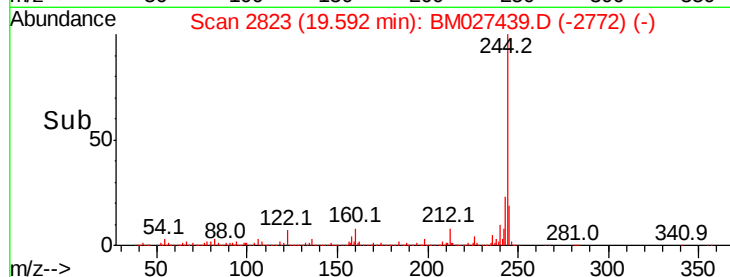
122 6.9 6.5 9.7



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



#80

Butylbenzylphthalate

Concen: 3.917 ng

RT: 20.30 min Scan# 2943

Delta R.T. 0.00 min

Lab File: BM027439.D

Acq: 16 Sep 2020 12:56

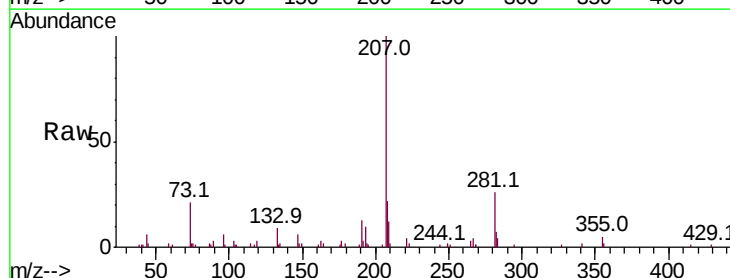
Tgt Ion:149 Resp: 181

Ion Ratio Lower Upper

149 100

91 0.0 58.1 87.1#

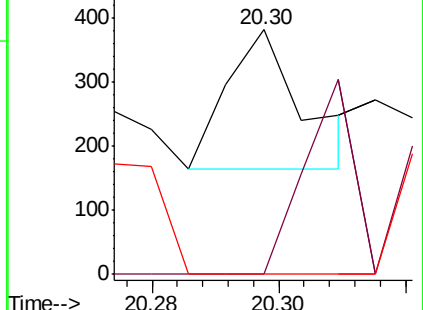
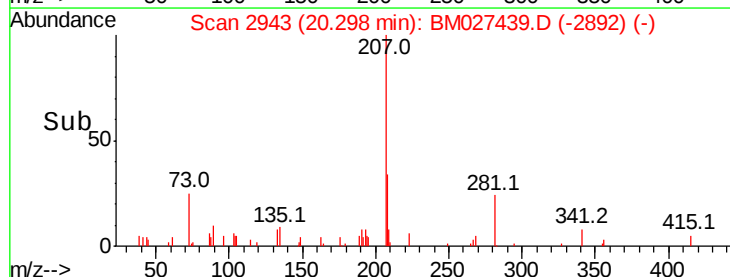
206 0.0 18.7 28.1#

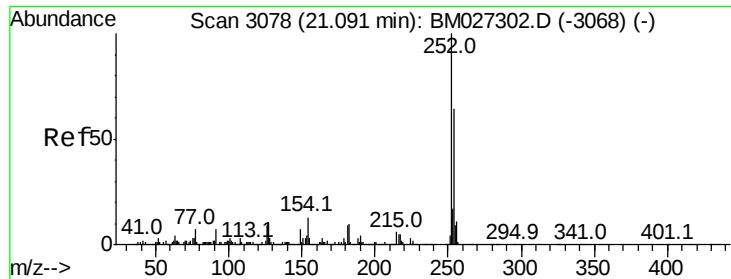


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

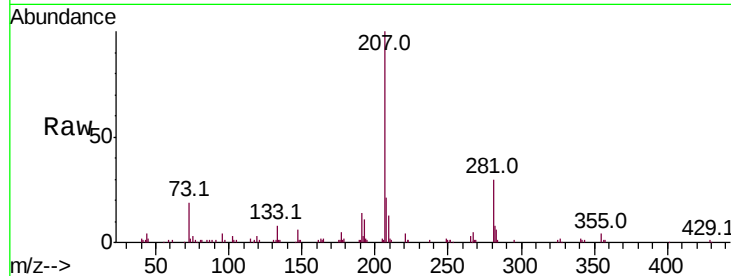




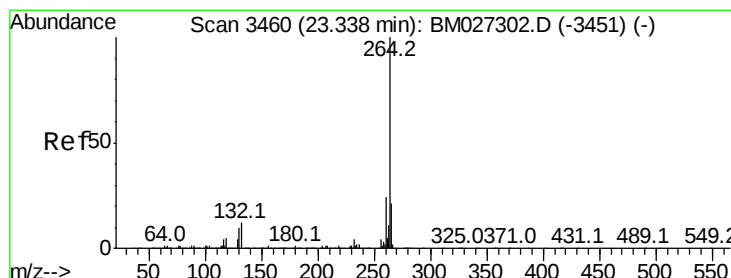
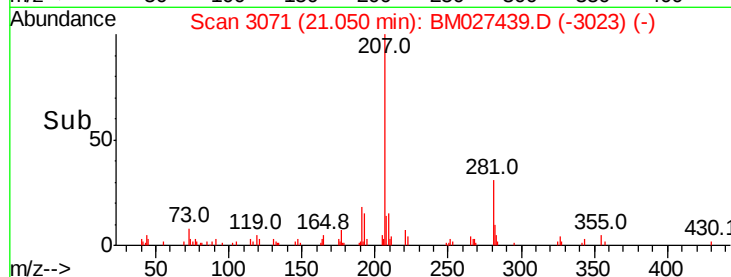
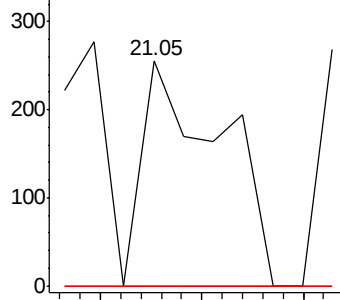
#82
 3,3'-Dichlorobenzidine
 Concen: 3.402 ng
 RT: 21.05 min Scan# 3071
 Delta R.T. -0.02 min
 Lab File: BM027439.D
 Acq: 16 Sep 2020 12:56

Instrument :
 BNA_M
 ClientSampleId :
 PB131588BL

Tot Ion:252 Resp: 277
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.4 77.0#
 126 0.0 6.8 10.2#

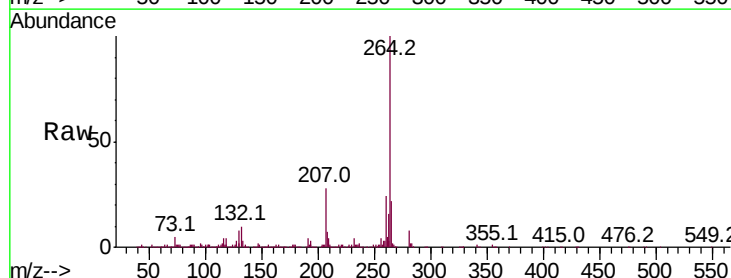


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.31 min Scan# 3455
 Delta R.T. 0.00 min
 Lab File: BM027439.D
 Acq: 16 Sep 2020 12:56

Tgt Ion:264 Resp: 527401
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.7 17.7 26.5



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

