

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
 Data File : BM022479.D
 Acq On : 01 Sep 2019 16:21
 Operator : HP/JU
 Sample : K4619-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP4-COMP

Quant Time: Sep 02 04:18:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 02 03:54:42 2019
 Response via : Initial Calibration

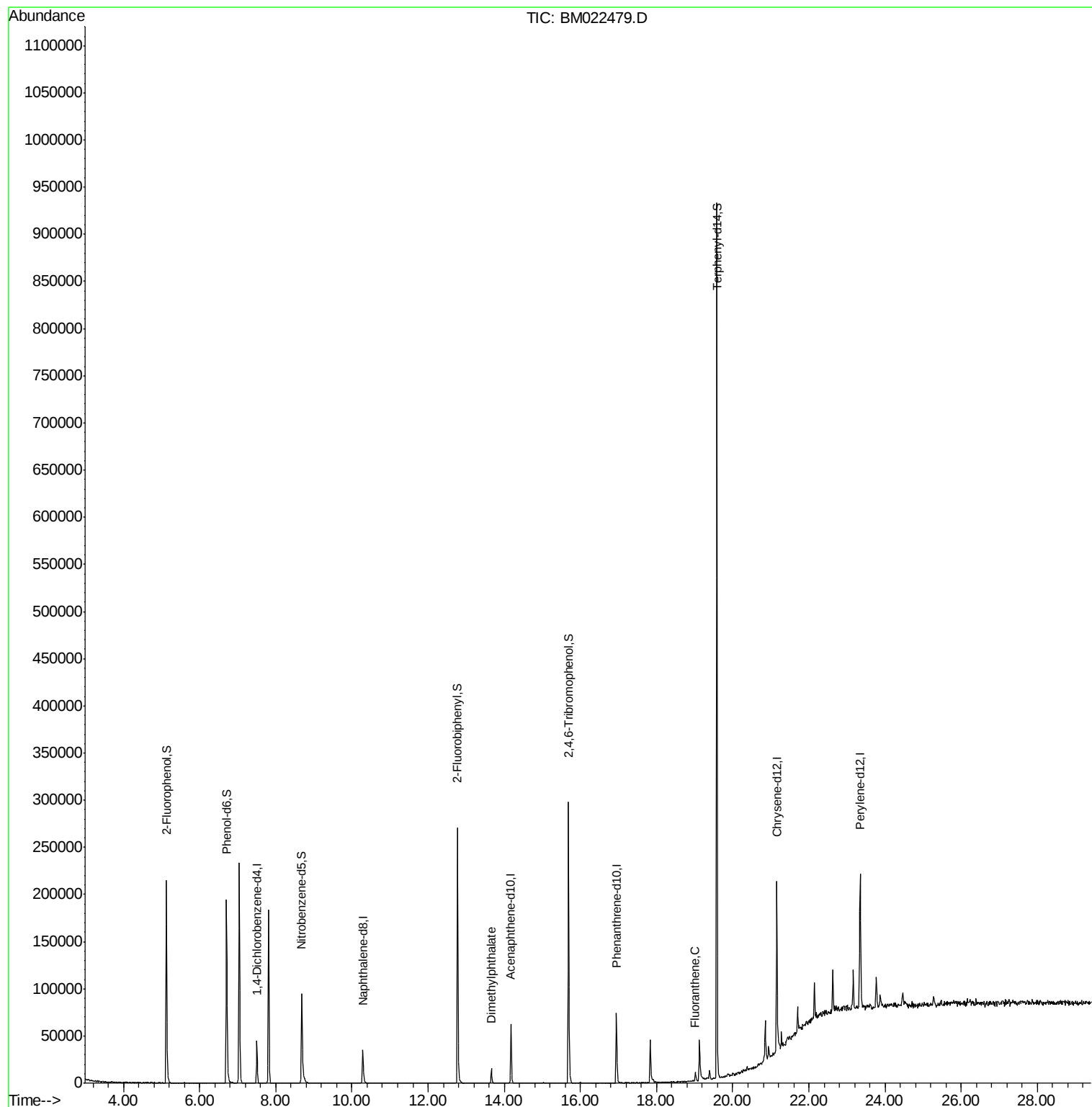
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	10186	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	34776	20.00	ng	0.01
39) Acenaphthene-d10	14.17	164	22604	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	53259	20.00	ng	0.00
76) Chrysene-d12	21.16	240	86267	20.00	ng	0.00
87) Perylene-d12	23.34	264	113460	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	77549	133.64	ng	0.00
7) Phenol-d6	6.70	99	97279	125.36	ng	0.00
23) Nitrobenzene-d5	8.68	82	67874	85.49	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	50083	108.28	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	138266	69.29	ng	0.00
79) Terphenyl-d14	19.59	244	380047	58.14	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.66	163	13097	6.662	ng	Qvalue # 96
75) Fluoranthene	19.02	202	8625	2.086	ng	90

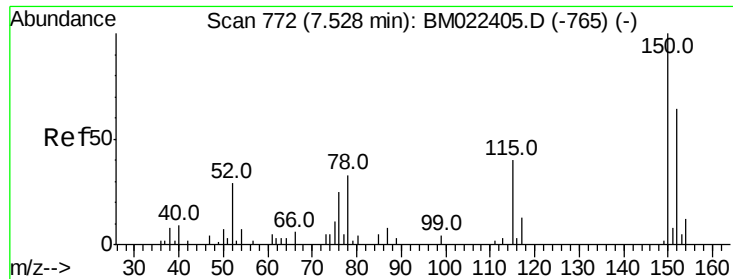
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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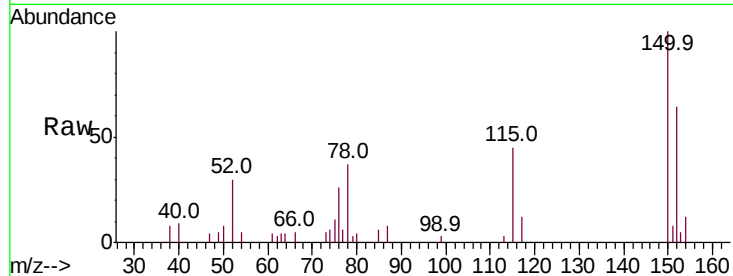


#1

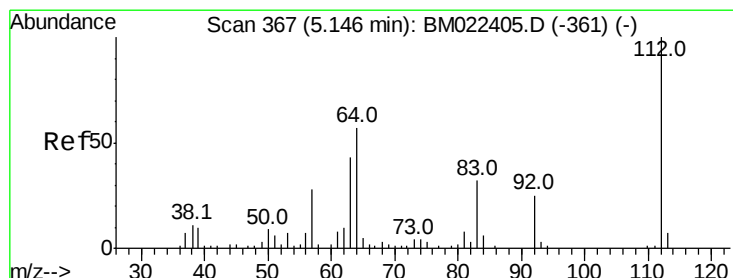
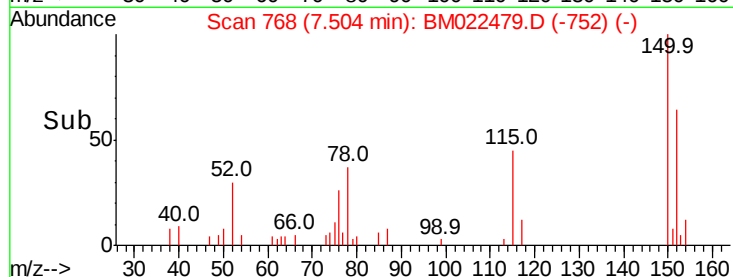
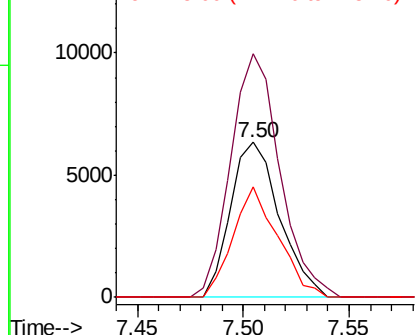
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM022479.D
Acq: 01 Sep 2019 16:21

Instrument :
BNA_M
ClientSampleId :
TP4-COMP

Tot Ion:152 Resp: 10186
Ion Ratio Lower Upper
152 100
150 156.9 125.4 188.0
115 71.3 50.3 75.5



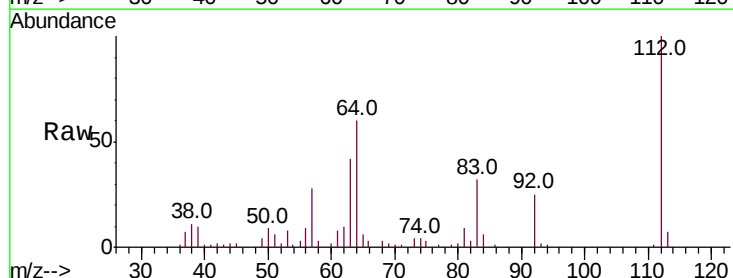
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



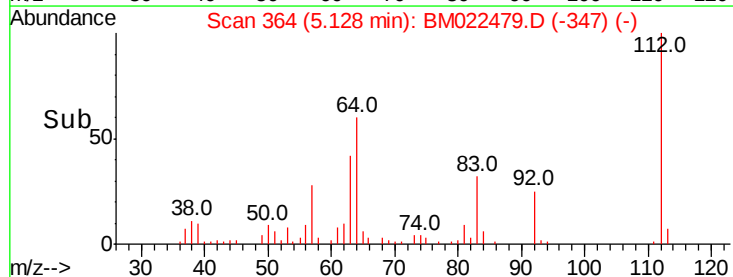
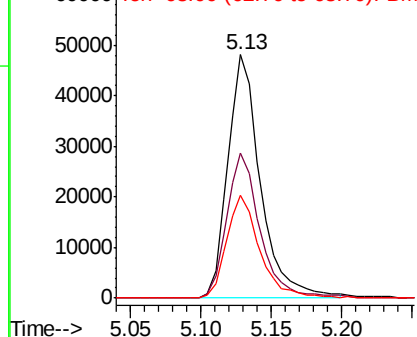
#5

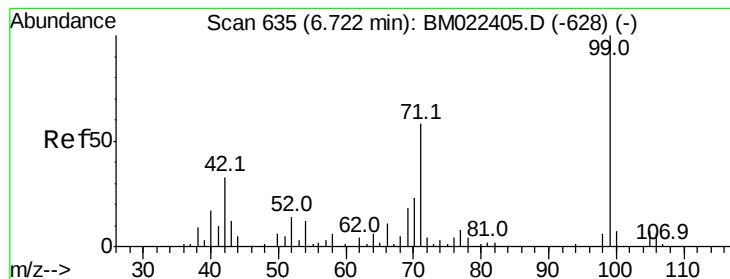
2-Fluorophenol
Concen: 133.638 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.00 min
Lab File: BM022479.D
Acq: 01 Sep 2019 16:21

Tgt Ion:112 Resp: 77549
Ion Ratio Lower Upper
112 100
64 59.7 45.4 68.2
63 42.3 34.5 51.7



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: 125.360 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM022479.D

Acq: 01 Sep 2019 16:21

Instrument :

BNA_M

ClientSampleId :

TP4-COMP

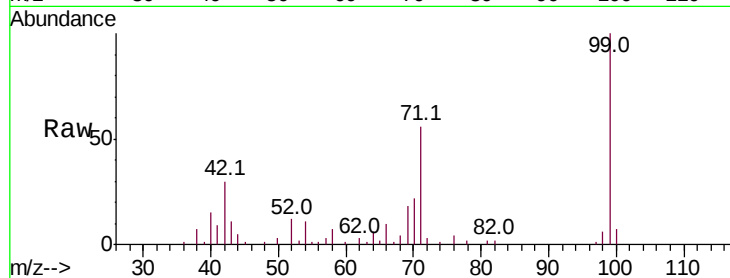
Tot Ion: 99 Resp: 97279

Ion Ratio Lower Upper

99 100

42 30.4 26.3 39.5

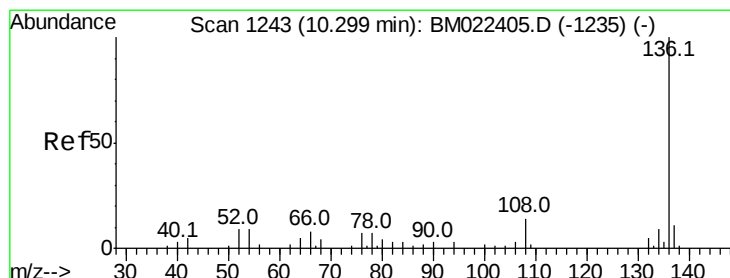
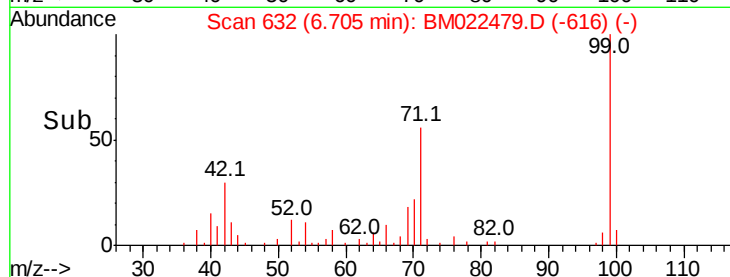
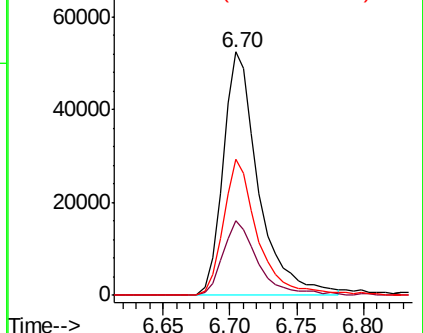
71 55.8 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BM022405.D (-628) (-)

Ion 42.00 (41.70 to 42.70): BM022405.D (-628) (-)

Ion 71.00 (70.70 to 71.70): BM022405.D (-628) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1242

Delta R.T. 0.01 min

Lab File: BM022479.D

Acq: 01 Sep 2019 16:21

Tgt Ion: 136 Resp: 34776

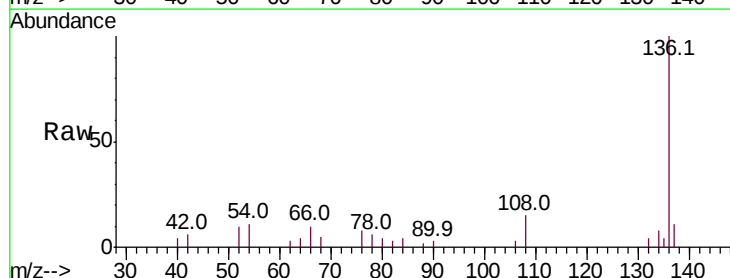
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 10.8 7.0 10.6#

68 5.3 2.9 4.3#

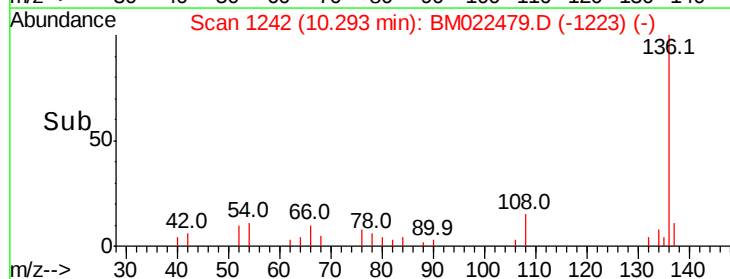
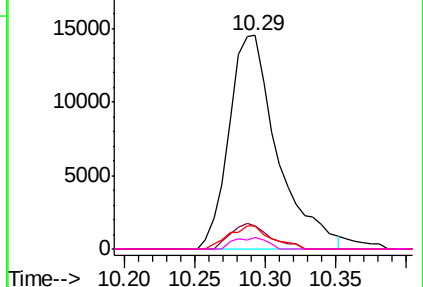


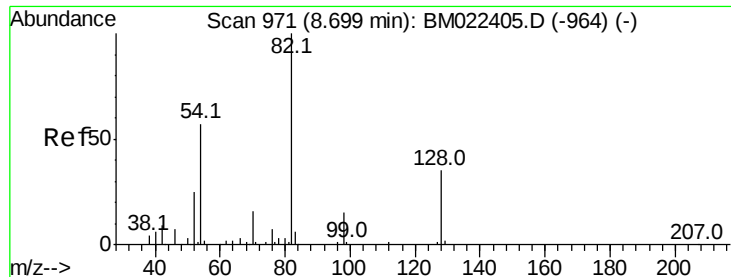
Abundance Ion 136.00 (135.70 to 136.70): BM022405.D (-1235) (-)

Ion 137.00 (136.70 to 137.70): BM022405.D (-1235) (-)

Ion 54.00 (53.70 to 54.70): BM022405.D (-1235) (-)

Ion 68.00 (67.70 to 68.70): BM022405.D (-1235) (-)

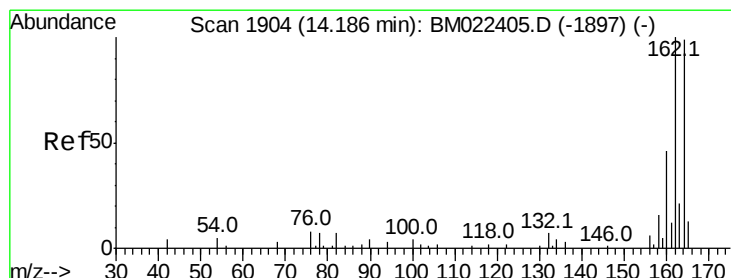
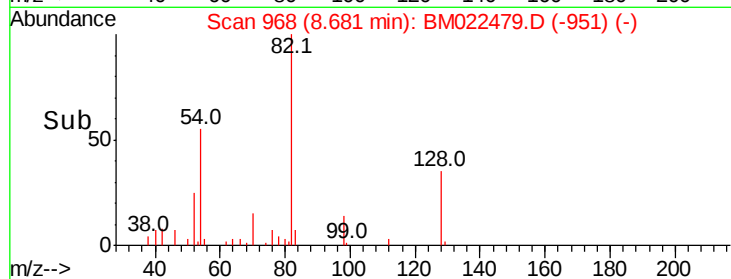
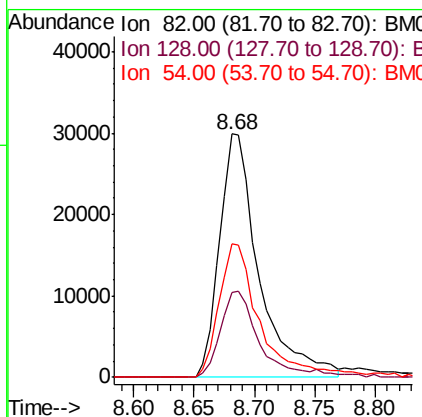
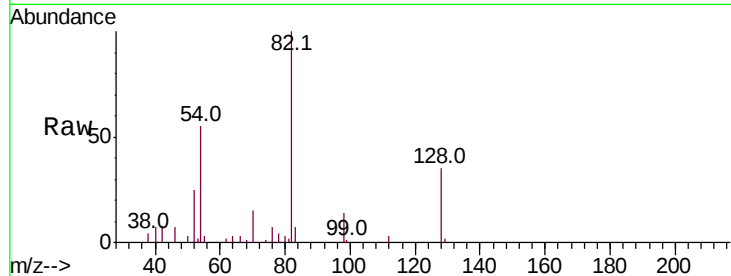




#23
 Nitrobenzene-d5
 Concen: 85.487 ng
 RT: 8.68 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BM022479.D
 Acq: 01 Sep 2019 16:21

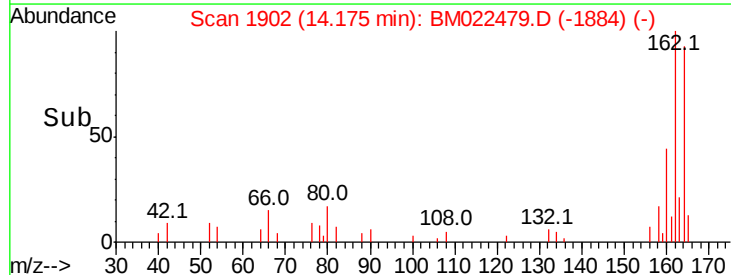
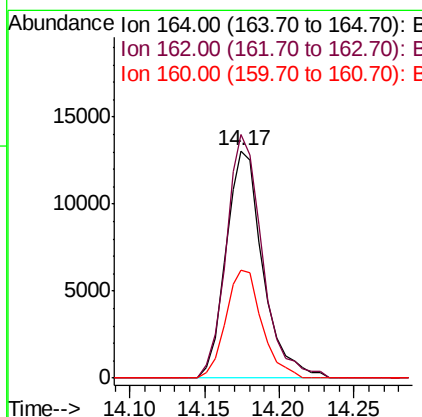
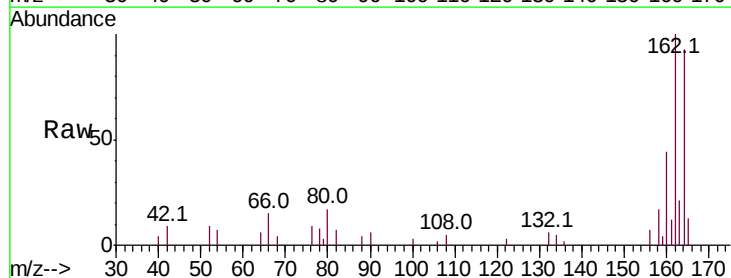
Instrument :
 BNA_M
 ClientSampleId :
 TP4-COMP

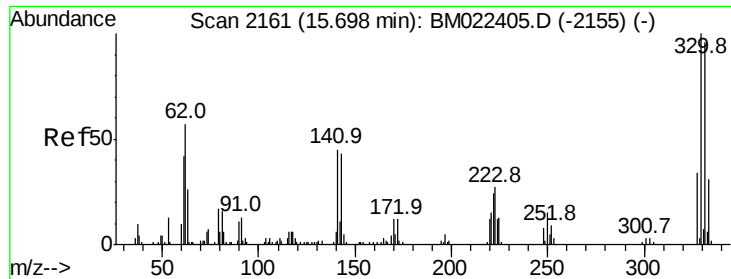
Tot Ion	82	Resp	67874
Ion Ratio	Lower	Upper	
82	100		
128	35.1	27.9	41.9
54	54.9	45.2	67.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: BM022479.D
 Acq: 01 Sep 2019 16:21

Tgt Ion	164	Resp	22604
Ion Ratio	Lower	Upper	
164	100		
162	107.0	80.6	121.0
160	47.3	37.3	55.9

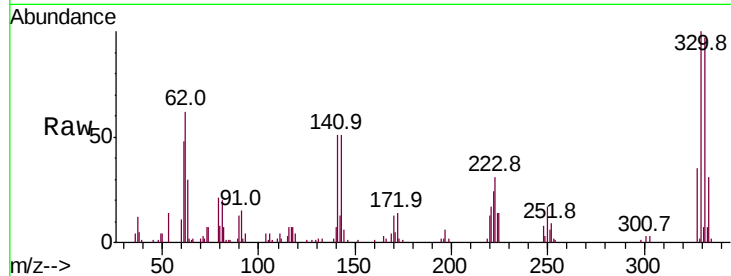




#42
 2,4,6-Tribromophenol
 Concen: 108.278 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BM022479.D
 Acq: 01 Sep 2019 16:21

Instrument :
 BNA_M
 ClientSampleId :
 TP4-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.8	116.8
141	51.9	35.6	53.4

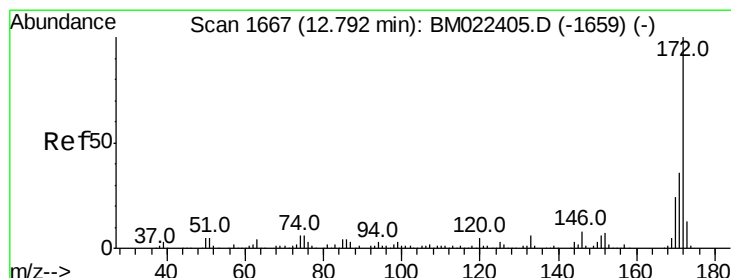
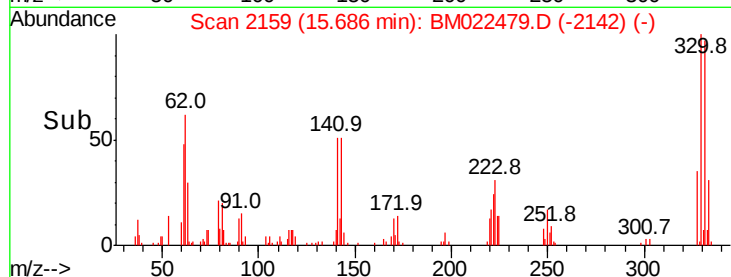
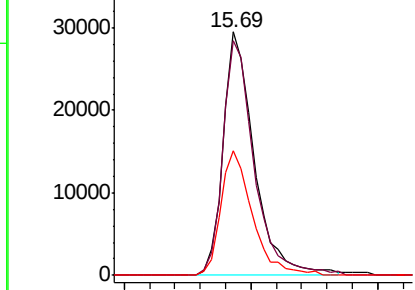


Abundance

Ion 329.80 (329.50 to 330.50): E

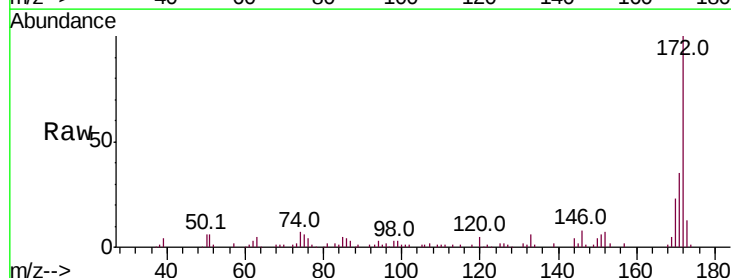
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 69.295 ng
 RT: 12.77 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: BM022479.D
 Acq: 01 Sep 2019 16:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.5	42.7
170	23.1	18.9	28.3

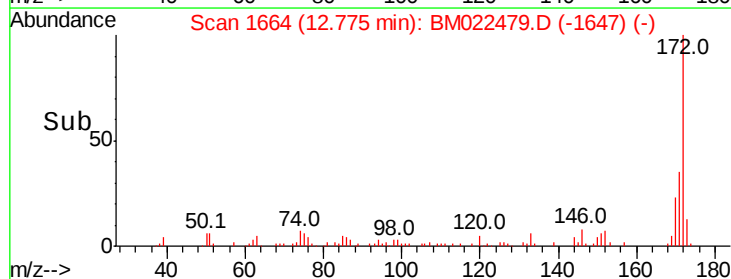
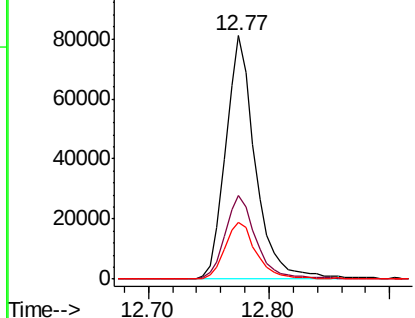


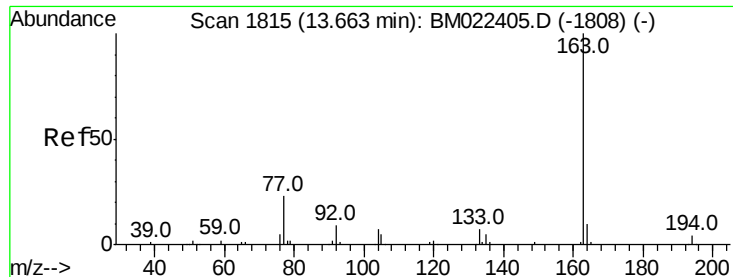
Abundance

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





#50

Dimethylphthalate

Concen: 6.662 ng

RT: 13.66 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BM022479.D

Acq: 01 Sep 2019 16:21

Instrument :

BNA_M

ClientSampleId :

TP4-COMP

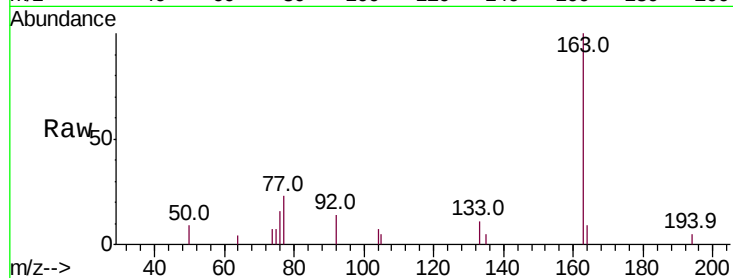
Tot Ion:163 Resp: 13097

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.2#

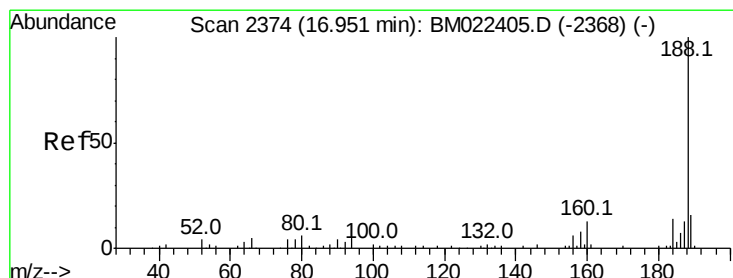
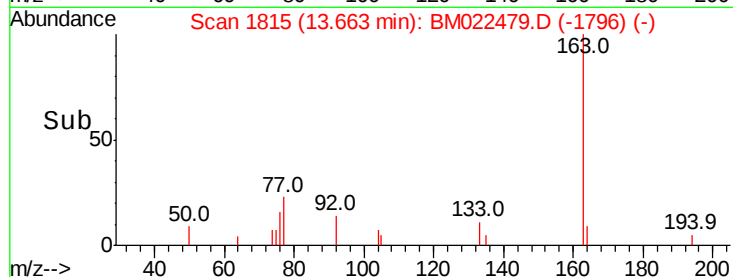
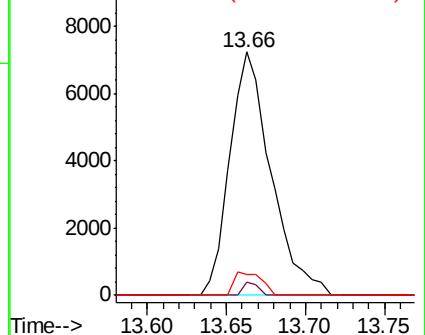
164 8.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.95 min Scan# 2373

Delta R.T. 0.01 min

Lab File: BM022479.D

Acq: 01 Sep 2019 16:21

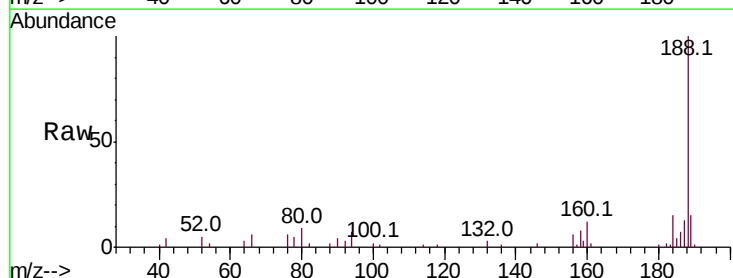
Tgt Ion:188 Resp: 53259

Ion Ratio Lower Upper

188 100

94 7.2 4.4 6.6#

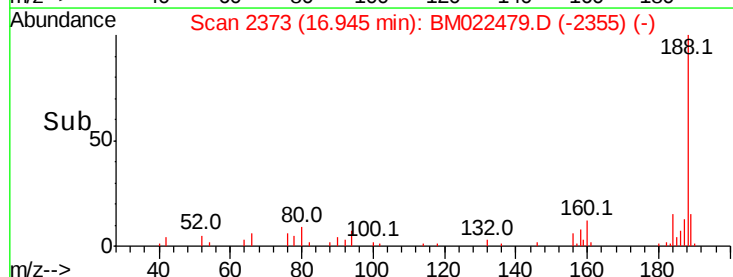
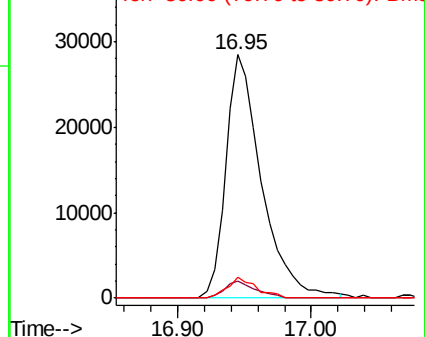
80 8.5 5.0 7.6#

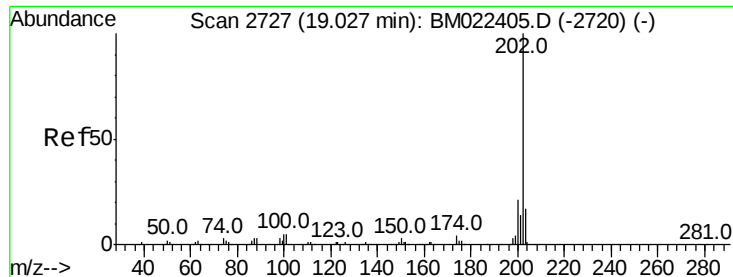


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Fluoranthene

Concen: 2.086 ng

RT: 19.02 min Scan# 2726

Delta R.T. 0.01 min

Lab File: BM022479.D

Acq: 01 Sep 2019 16:21

Instrument :

BNA_M

ClientSampleId :

TP4-COMP

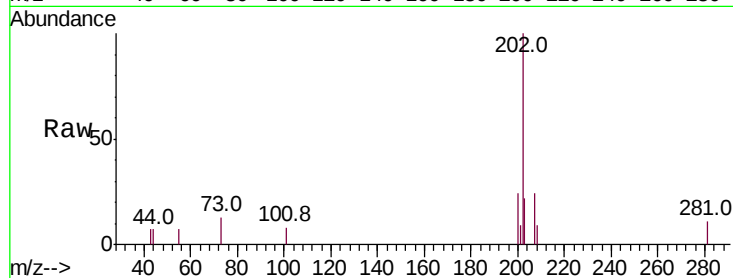
Tot Ion:202 Resp: 8625

Ion Ratio Lower Upper

202 100

101 8.0 0.0 25.1

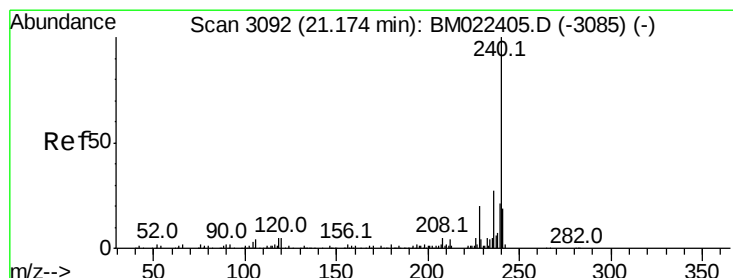
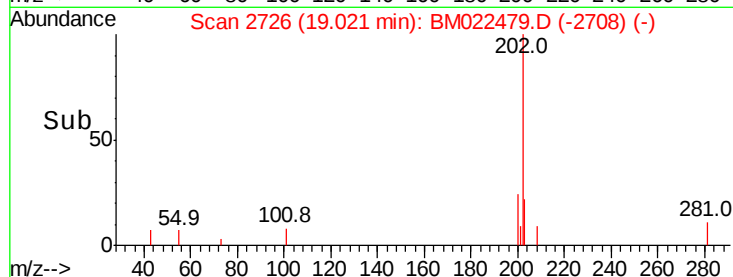
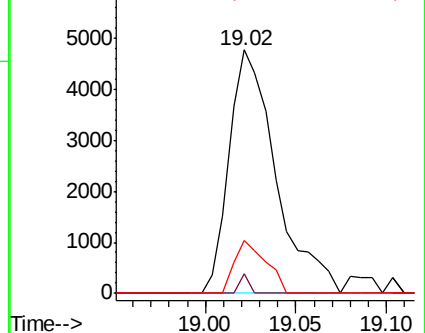
203 21.6 0.0 37.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BM022479.D

Acq: 01 Sep 2019 16:21

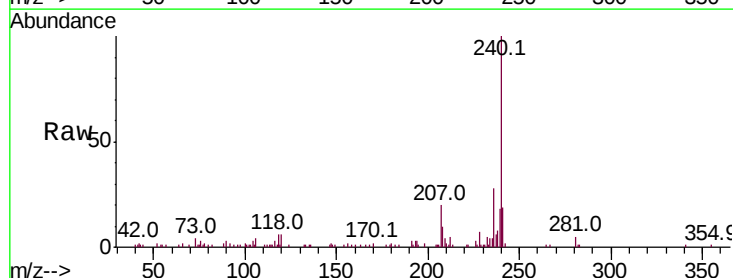
Tgt Ion:240 Resp: 86267

Ion Ratio Lower Upper

240 100

120 6.3 3.9 5.9#

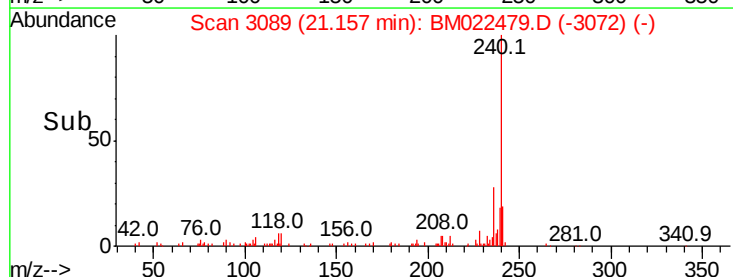
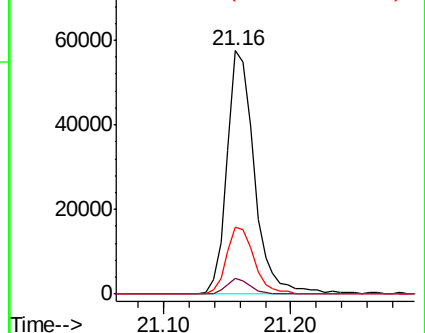
236 27.7 21.4 32.2

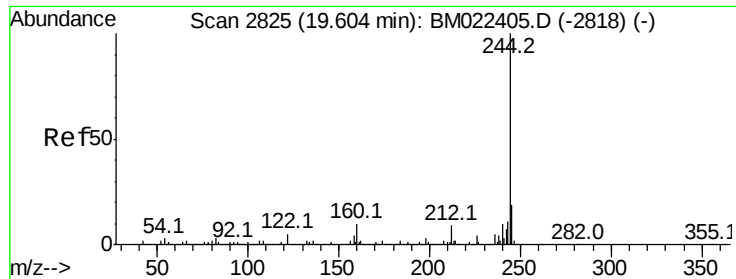


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 58.141 ng

RT: 19.59 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BM022479.D

Acq: 01 Sep 2019 16:21

Instrument :

BNA_M

ClientSampleId :

TP4-COMP

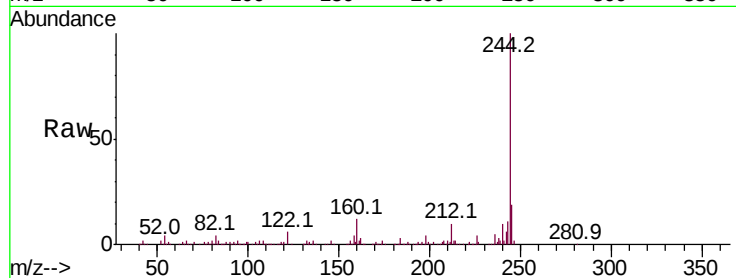
Tot Ion:244 Resp: 380047

Ion Ratio Lower Upper

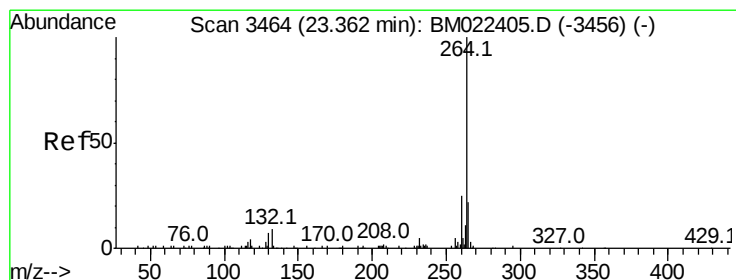
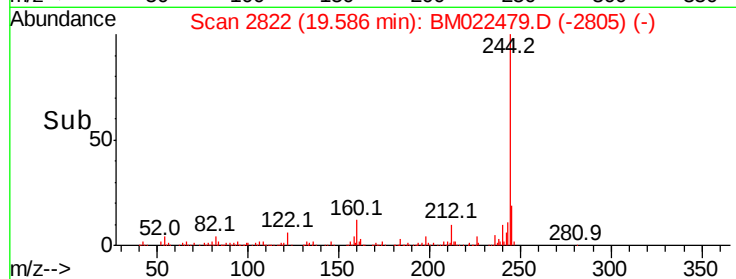
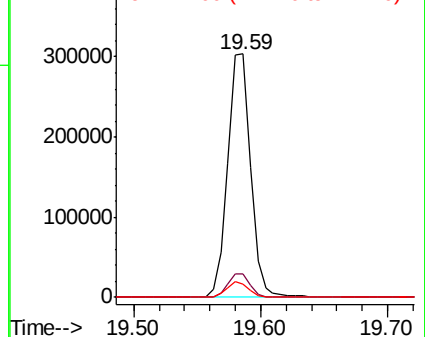
244 100

212 9.6 7.0 10.4

122 5.6 3.9 5.9



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.34 min Scan# 3461

Delta R.T. -0.00 min

Lab File: BM022479.D

Acq: 01 Sep 2019 16:21

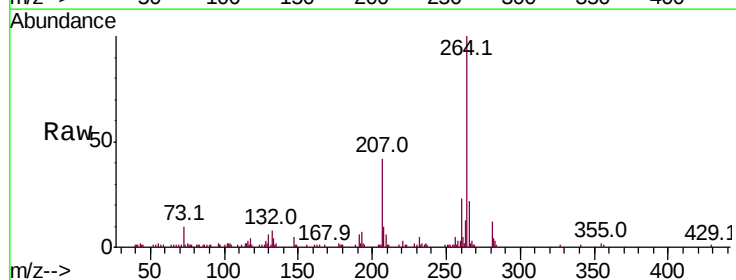
Tgt Ion:264 Resp: 113460

Ion Ratio Lower Upper

264 100

260 23.4 20.2 30.2

265 22.1 18.2 27.2



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

