

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022449.D
 Acq On : 30 Aug 2019 20:07
 Operator : HP/JU
 Sample : K4573-13RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S702A-N-1.0-1.5-082719RE

Quant Time: Aug 31 00:28:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 16:51:32 2019
 Response via : Initial Calibration

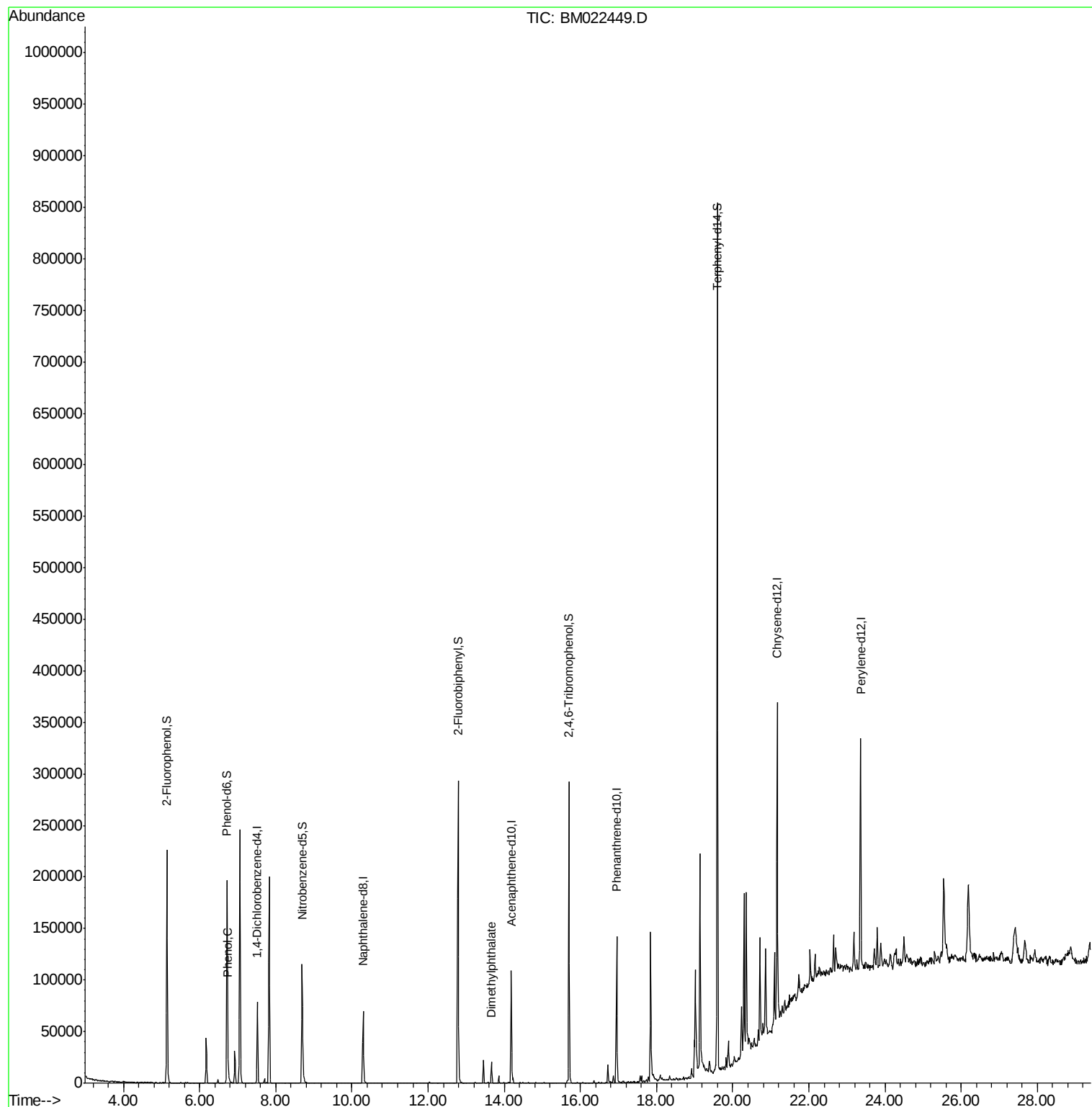
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	16770	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	57696	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	34998	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	80172	20.00	ng	0.00
76) Chrysene-d12	21.17	240	118711	20.00	ng	0.00
87) Perylene-d12	23.36	264	154646	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	79224	82.92	ng	0.00
7) Phenol-d6	6.72	99	96973	75.90	ng	0.00
23) Nitrobenzene-d5	8.69	82	67760	51.44	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	47534	66.37	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	144795	46.87	ng	0.00
79) Terphenyl-d14	19.59	244	338354	37.62	ng	-0.01
Target Compounds						
10) Phenol	6.75	94	2915	2.271	ng	Qvalue # 75
50) Dimethylphthalate	13.66	163	14018	4.605	ng	97

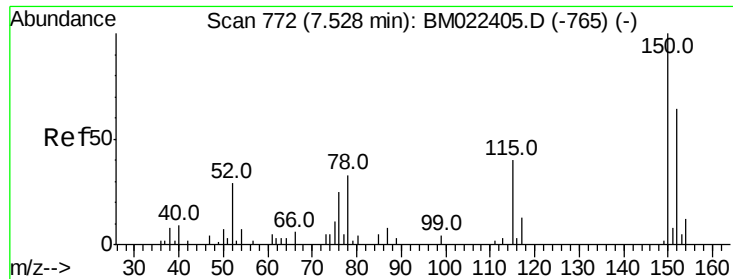
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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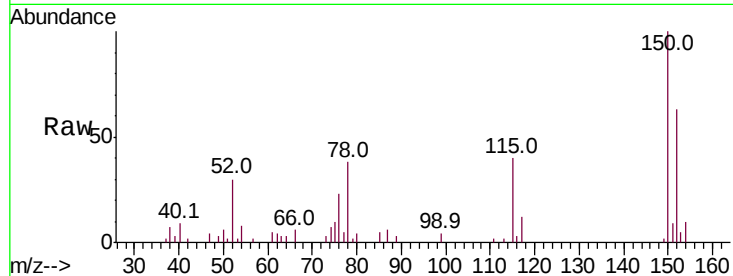


#1

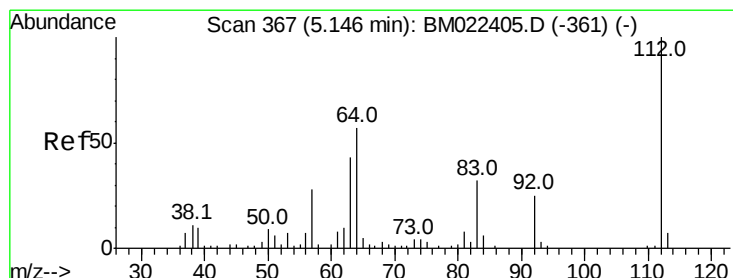
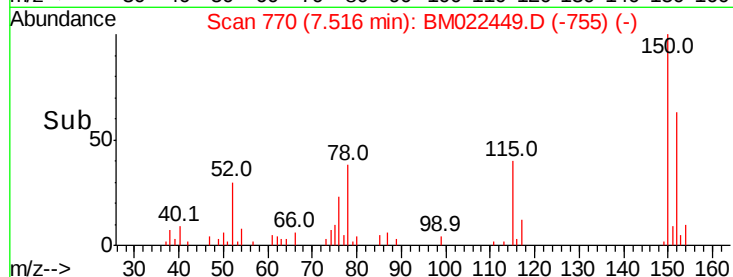
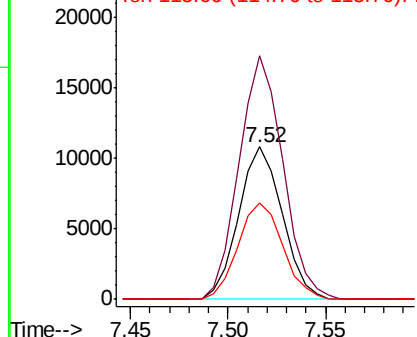
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.52 min Scan# 770
 Delta R.T. -0.01 min
 Lab File: BM022449.D
 Acq: 30 Aug 2019 20:07

Instrument :
 BNA_M
 ClientSampleId :
 S702A-N-1.0-1.5-082719RE

Tot Ion:152 Resp: 16770
 Ion Ratio Lower Upper
 152 100
 150 159.6 125.4 188.0
 115 63.2 50.3 75.5



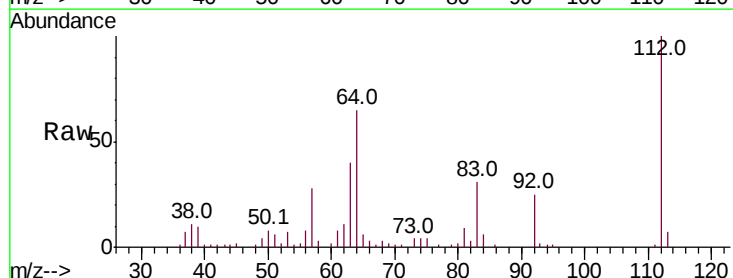
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



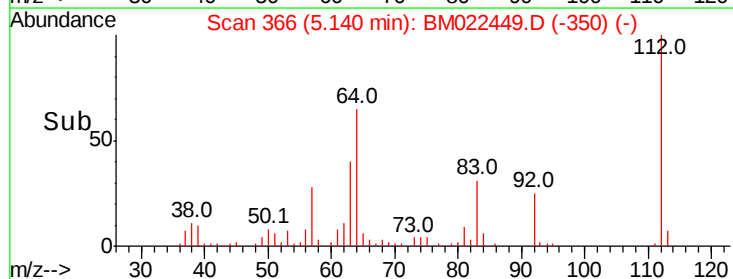
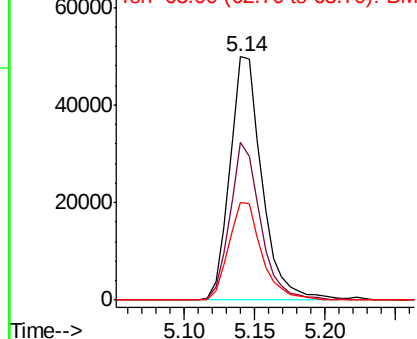
#5

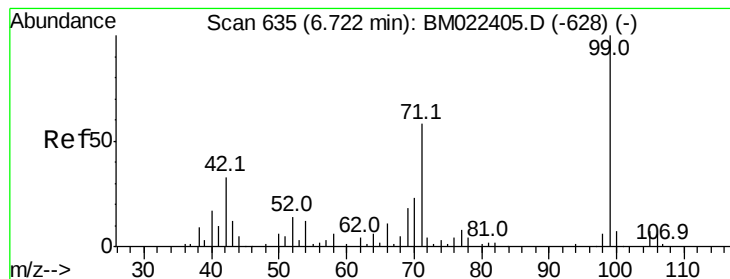
2-Fluorophenol
 Concen: 82.924 ng
 RT: 5.14 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: BM022449.D
 Acq: 30 Aug 2019 20:07

Tgt Ion:112 Resp: 79224
 Ion Ratio Lower Upper
 112 100
 64 64.8 45.4 68.2
 63 40.2 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: 75.903 ng

RT: 6.72 min Scan# 634

Delta R.T. -0.01 min

Lab File: BM022449.D

Acq: 30 Aug 2019 20:07

Instrument :

BNA_M

ClientSampleId :

S702A-N-1.0-1.5-082719RE

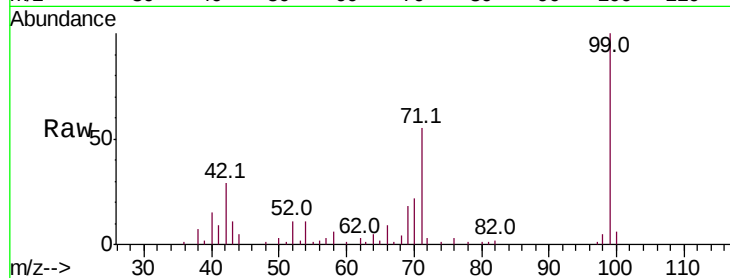
Tot Ion: 99 Resp: 96973

Ion Ratio Lower Upper

99 100

42 29.0 26.3 39.5

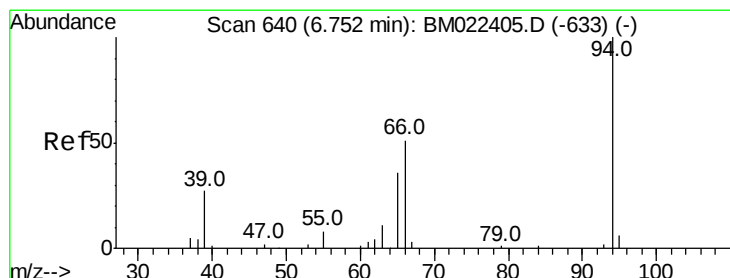
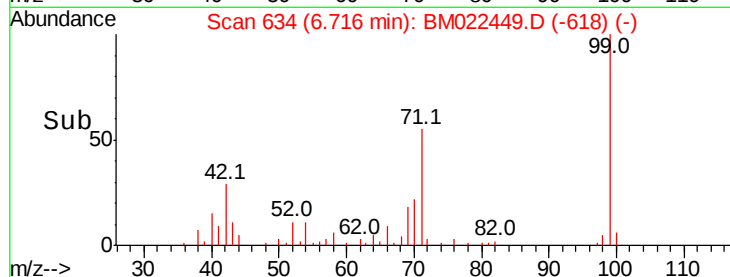
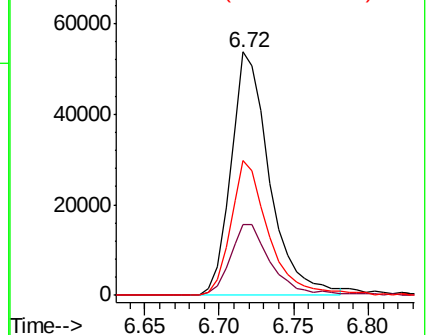
71 55.4 46.6 69.8



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) (-)



#10

Phenol

Concen: 2.271 ng

RT: 6.75 min Scan# 639

Delta R.T. -0.01 min

Lab File: BM022449.D

Acq: 30 Aug 2019 20:07

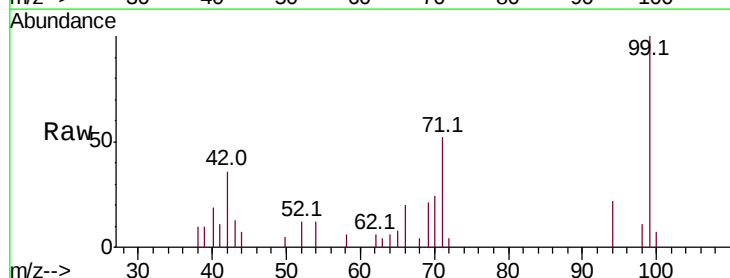
Tgt Ion: 94 Resp: 2915

Ion Ratio Lower Upper

94 100

65 37.9 17.7 57.7

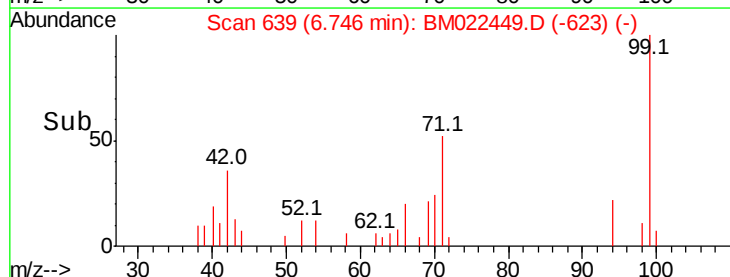
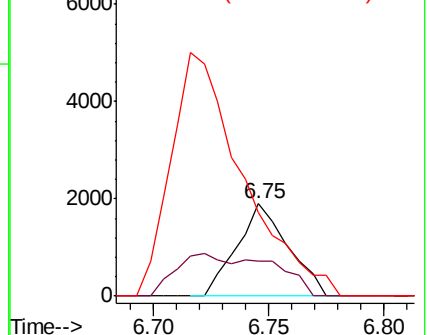
66 90.1 39.6 79.6#

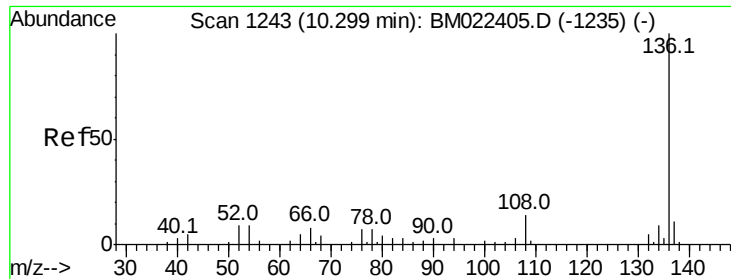


Abundance Ion 94.00 (93.70 to 94.70): BM022405.D (-633) (-)

Ion 65.00 (64.70 to 65.70): BM022405.D (-633) (-)

Ion 66.00 (65.70 to 66.70): BM022405.D (-633) (-)

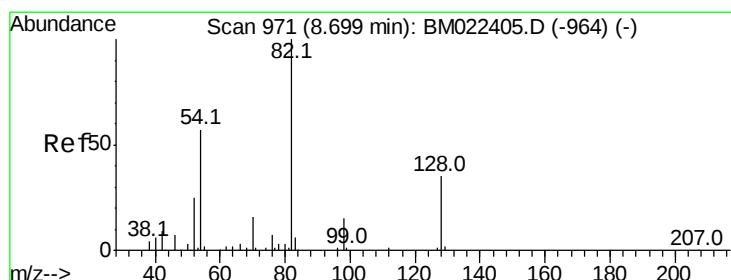
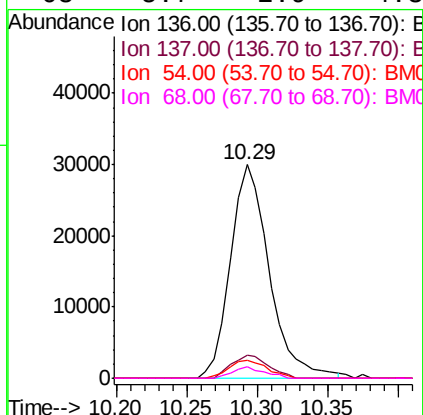
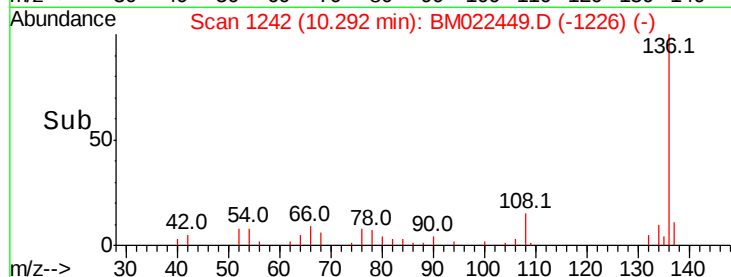
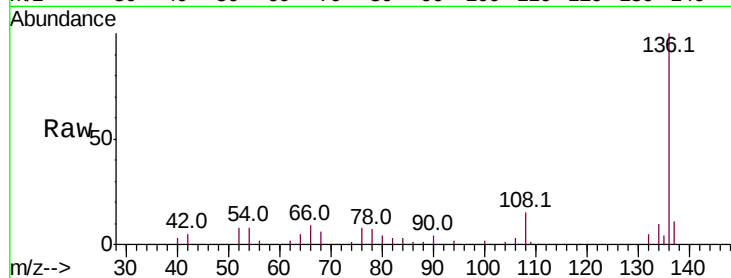




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BM022449.D
Acq: 30 Aug 2019 20:07

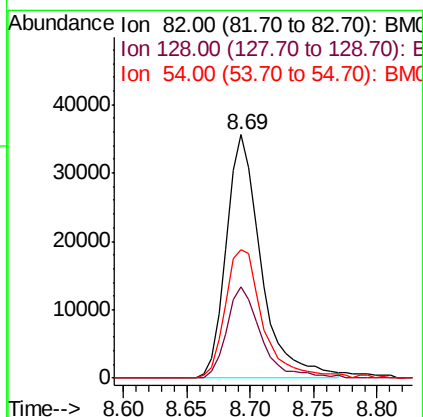
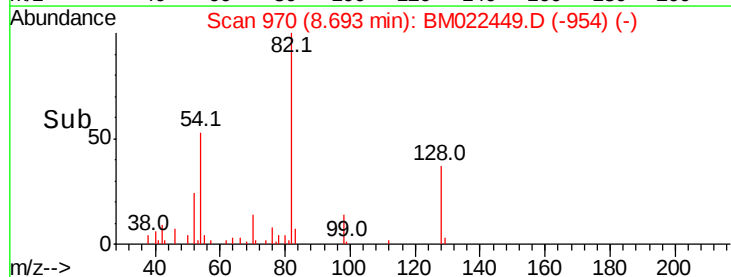
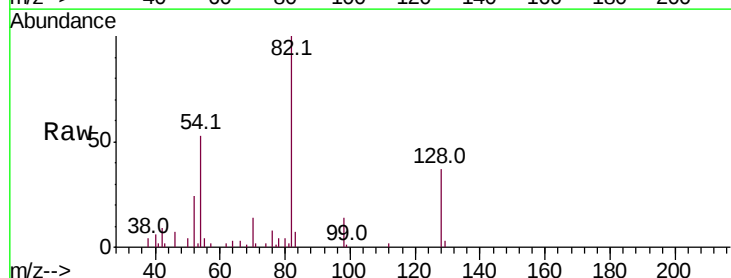
Instrument :
BNA_M
ClientSampleId :
S702A-N-1.0-1.5-082719RE

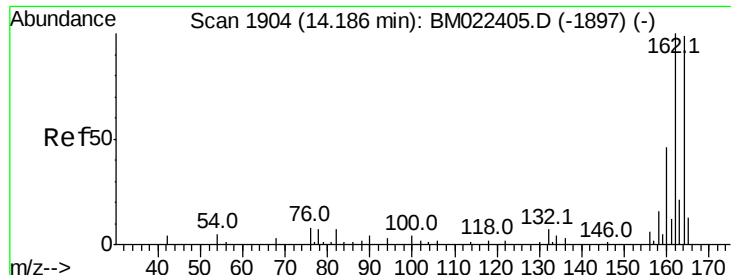
Tot Ion:	136	Resp:	57696
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.4	7.0	10.6
68	5.7	2.9	4.3#



#23
Nitrobenzene-d5
Concen: 51.441 ng
RT: 8.69 min Scan# 970
Delta R.T. -0.01 min
Lab File: BM022449.D
Acq: 30 Aug 2019 20:07

Tgt Ion:	82	Resp:	67760
Ion	Ratio	Lower	Upper
82	100		
128	37.3	27.9	41.9
54	52.7	45.2	67.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM022449.D

Acq: 30 Aug 2019 20:07

Instrument :

BNA_M

ClientSampleId :

S702A-N-1.0-1.5-082719RE

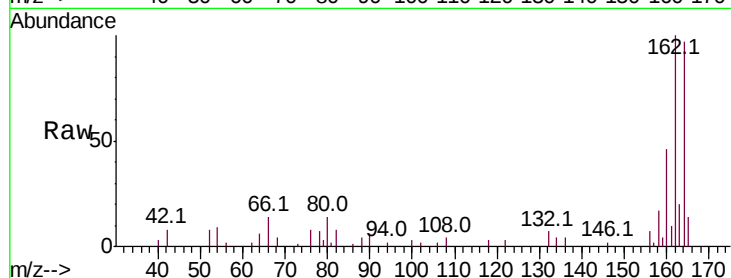
Tot Ion:164 Resp: 34998

Ion Ratio Lower Upper

164 100

162 102.6 80.6 121.0

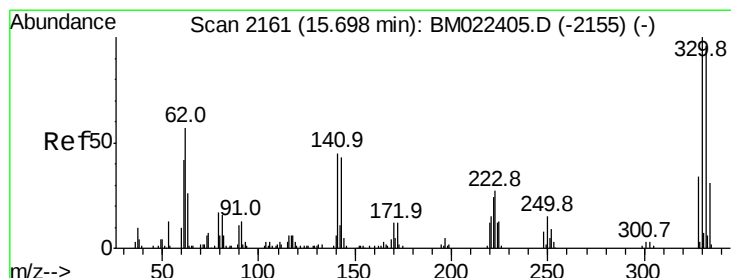
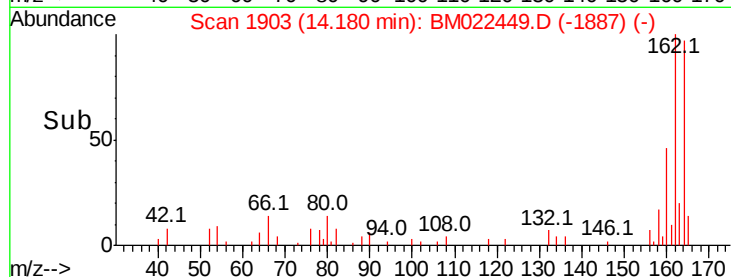
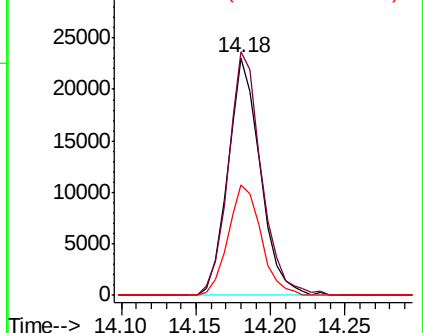
160 46.7 37.3 55.9



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: 66.374 ng

RT: 15.70 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BM022449.D

Acq: 30 Aug 2019 20:07

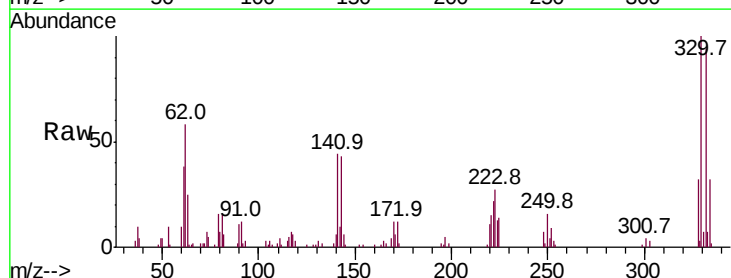
Tgt Ion:330 Resp: 47534

Ion Ratio Lower Upper

330 100

332 95.3 77.8 116.8

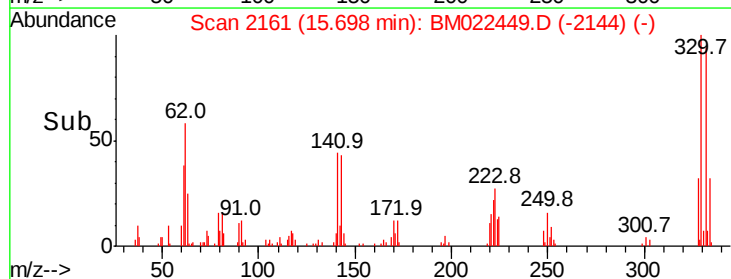
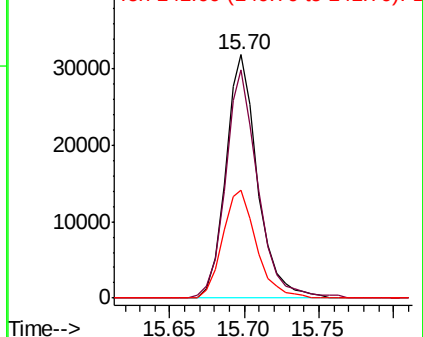
141 46.9 35.6 53.4

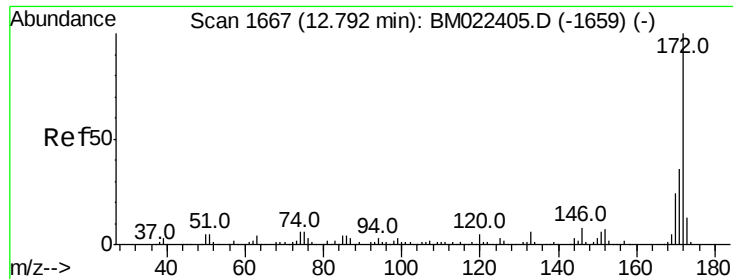


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

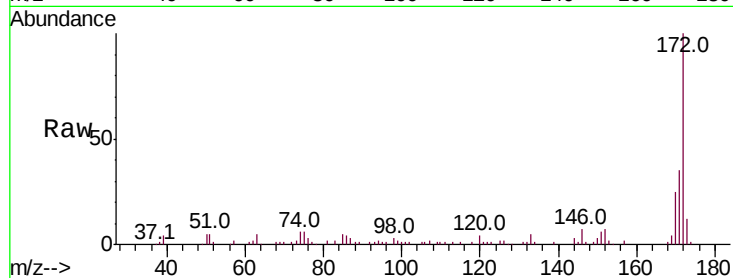




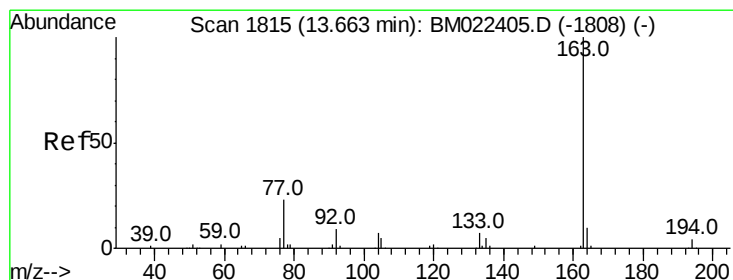
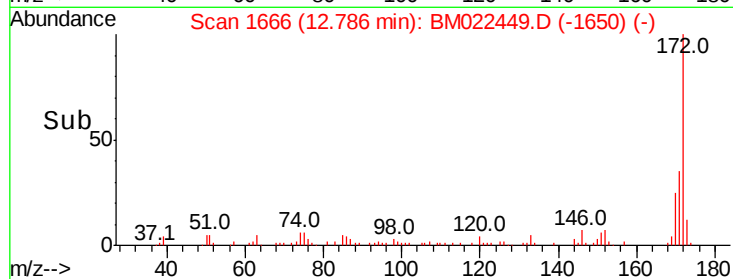
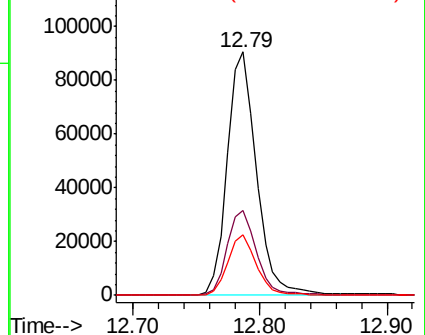
#45
 2-Fluorobiphenyl
 Concen: 46.869 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BM022449.D
 Acq: 30 Aug 2019 20:07

Instrument :
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 S702A-N-1.0-1.5-082719RE

Tot Ion:172 Resp: 144795
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.5 42.7
 170 24.8 18.9 28.3

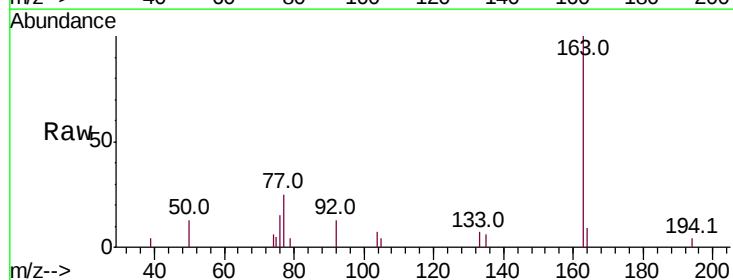


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

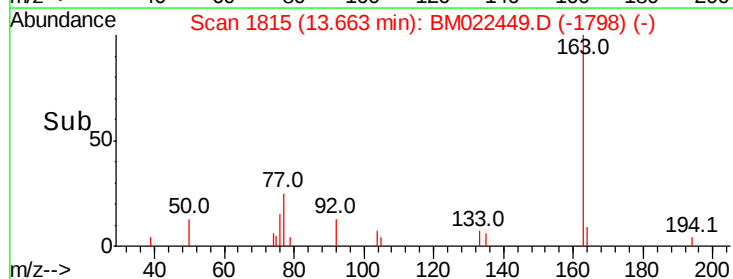
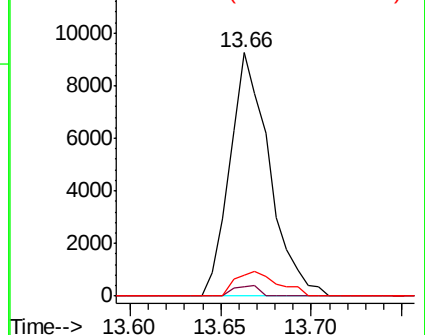


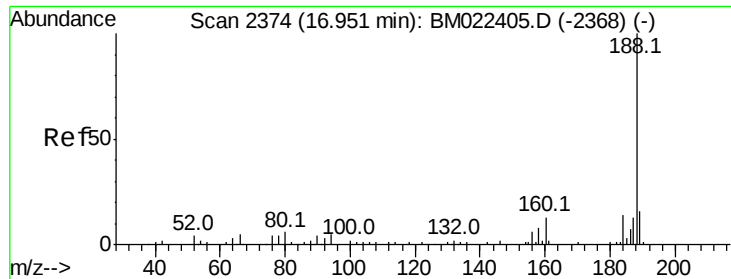
#50
 Dimethylphthalate
 Concen: 4.605 ng
 RT: 13.66 min Scan# 1815
 Delta R.T. -0.00 min
 Lab File: BM022449.D
 Acq: 30 Aug 2019 20:07

Tgt Ion:163 Resp: 14018
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.4 5.2
 164 8.8 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# 2374

Delta R.T. -0.00 min

Lab File: BM022449.D

Acq: 30 Aug 2019 20:07

Instrument :

BNA_M

ClientSampleId :

S702A-N-1.0-1.5-082719RE

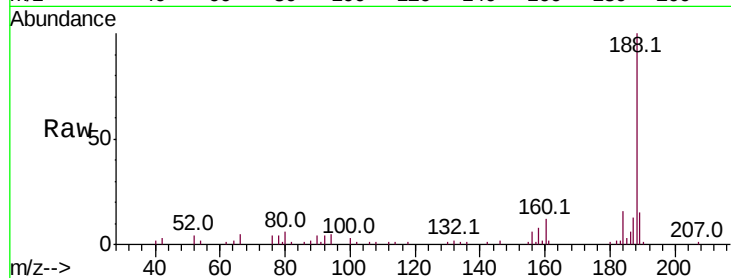
Tot Ion:188 Resp: 80172

Ion Ratio Lower Upper

188 100

94 5.3 4.4 6.6

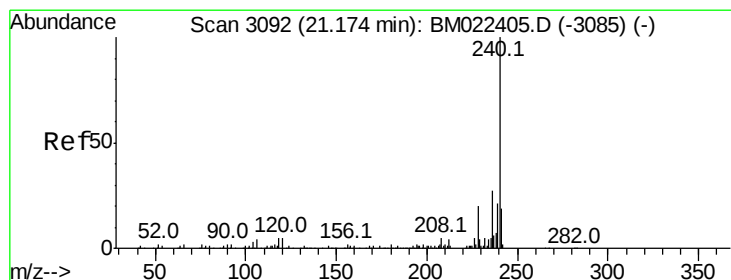
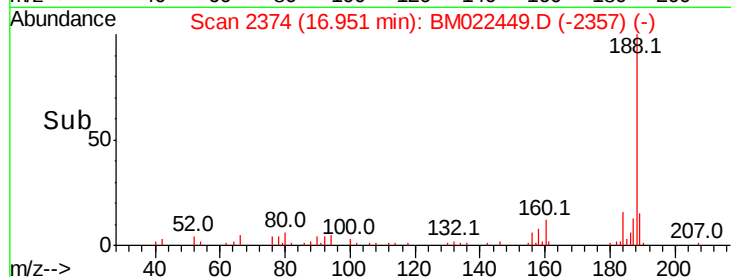
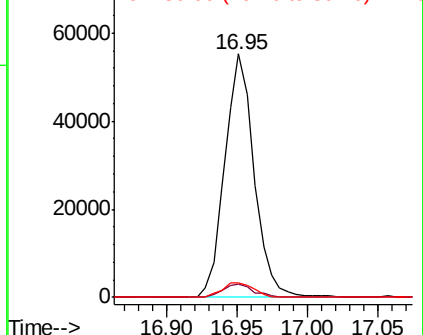
80 6.1 5.0 7.6



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: 21.17 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM022449.D

Acq: 30 Aug 2019 20:07

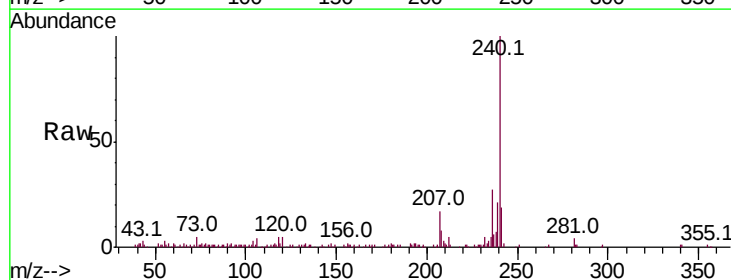
Tgt Ion:240 Resp: 118711

Ion Ratio Lower Upper

240 100

120 5.3 3.9 5.9

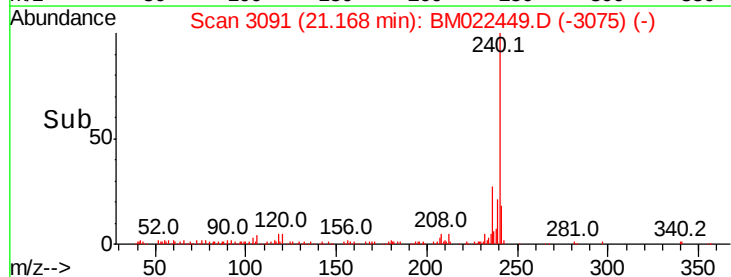
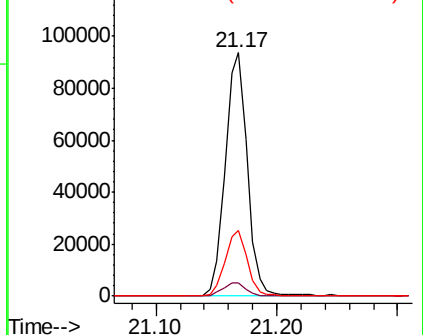
236 27.2 21.4 32.2

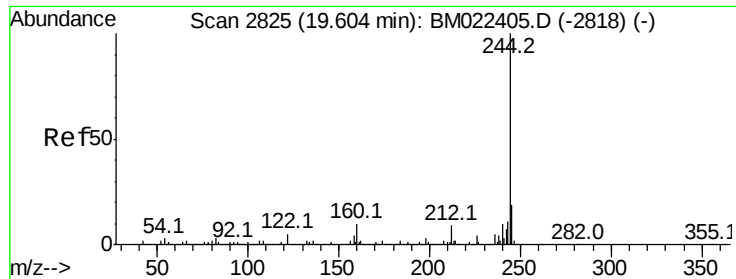


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 37.616 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM022449.D

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Instrument :

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S702A-N-1.0-1.5-082719RE

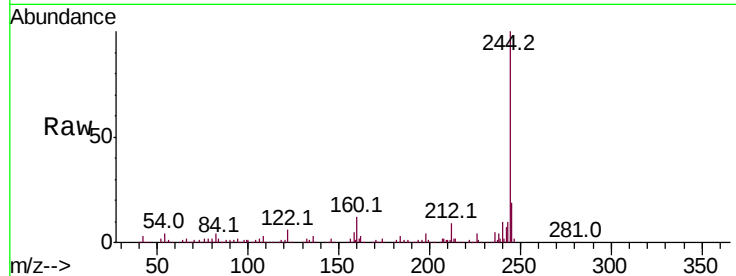
Tot Ion:244 Resp: 338354

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.4

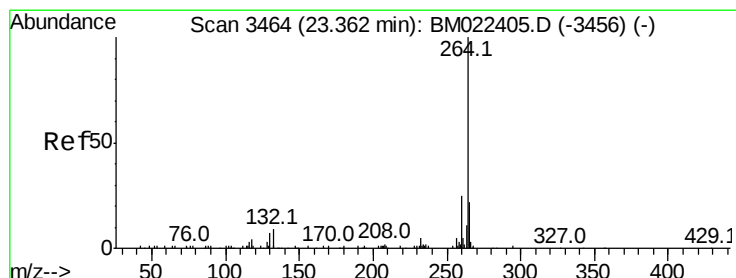
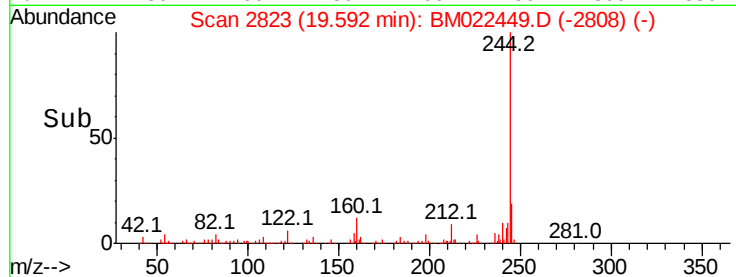
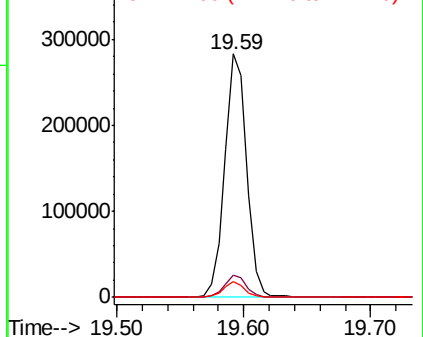
122 6.2 3.9 5.9#



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: 23.36 min Scan# 3463

Delta R.T. -0.01 min

Lab File: BM022449.D

Acq: 30 Aug 2019 20:07

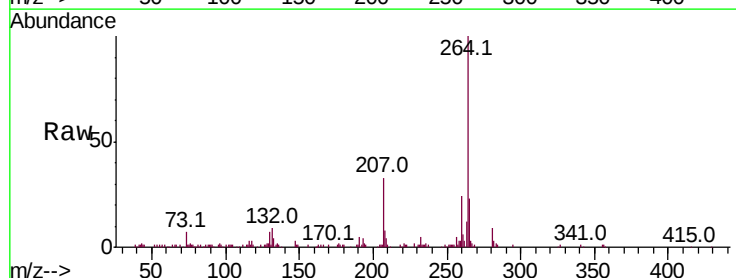
Tgt Ion:264 Resp: 154646

Ion Ratio Lower Upper

264 100

260 24.3 20.2 30.2

265 22.6 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

