

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083019\
 Data File : BM022442.D
 Acq On : 30 Aug 2019 15:11
 Operator : HP/JU
 Sample : K4573-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 30 15:47:56 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

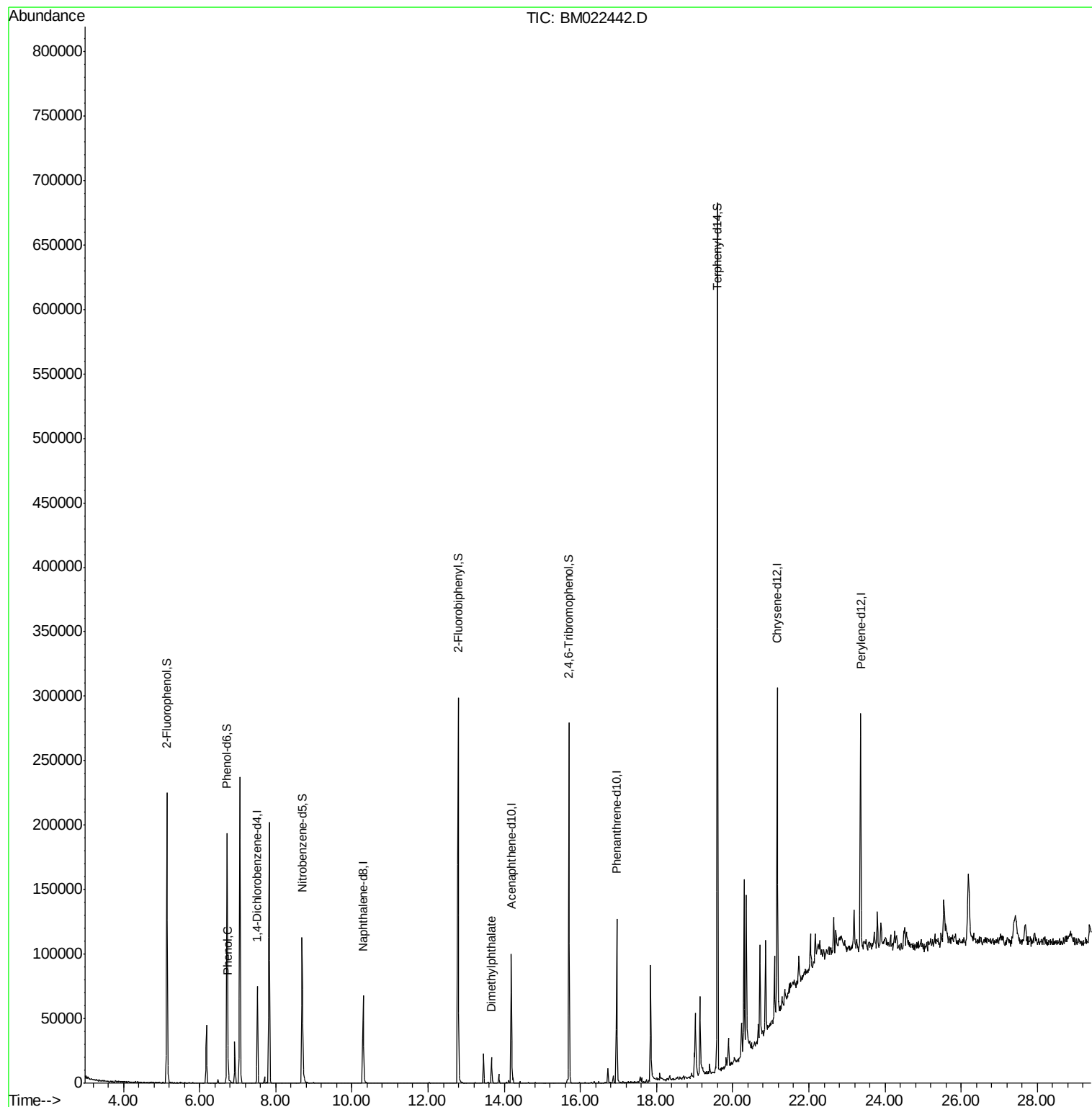
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	16886	20.00	ng	-0.01
21) Naphthalene-d8	10.29	136	55935	20.00	ng	0.00
39) Acenaphthene-d10	14.18	164	33176	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	74085	20.00	ng	0.00
76) Chrysene-d12	21.17	240	97342	20.00	ng	0.00
87) Perylene-d12	23.36	264	124612	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	77592	80.66	ng	0.00
7) Phenol-d6	6.72	99	94392	73.38	ng	0.00
23) Nitrobenzene-d5	8.69	82	68301	53.48	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	44398	65.40	ng	0.00
45) 2-Fluorobiphenyl	12.79	172	143473	48.99	ng	0.00
79) Terphenyl-d14	19.60	244	283390	38.42	ng	0.00
Target Compounds						
10) Phenol	6.75	94	2686	2.078	ng	Qvalue # 51
50) Dimethylphthalate	13.66	163	14000	4.852	ng	98

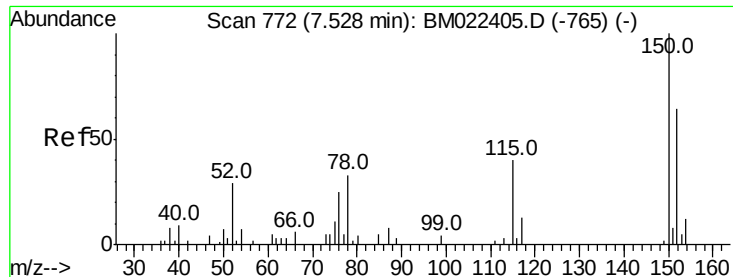
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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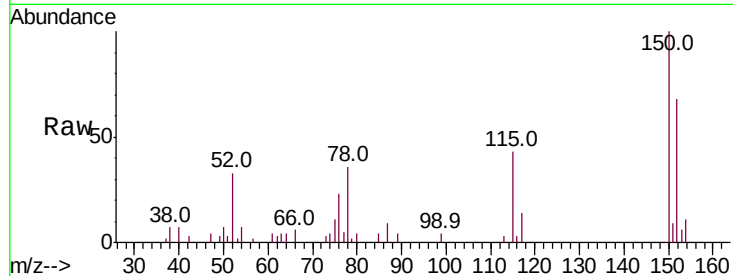


#1

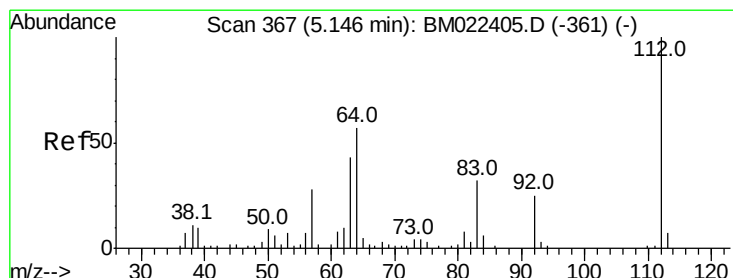
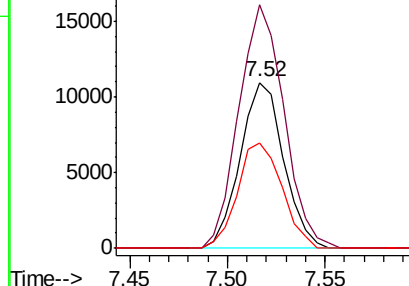
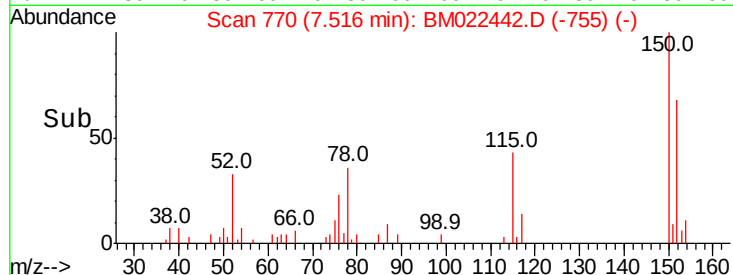
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.52 min Scan# 770
Delta R.T. -0.01 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

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

Tot Ion:152 Resp: 16886
Ion Ratio Lower Upper
152 100
150 146.8 125.4 188.0
115 63.7 50.3 75.5



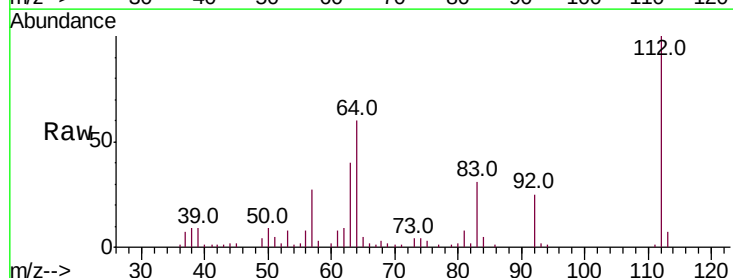
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



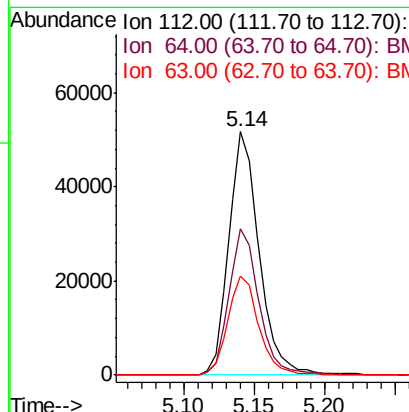
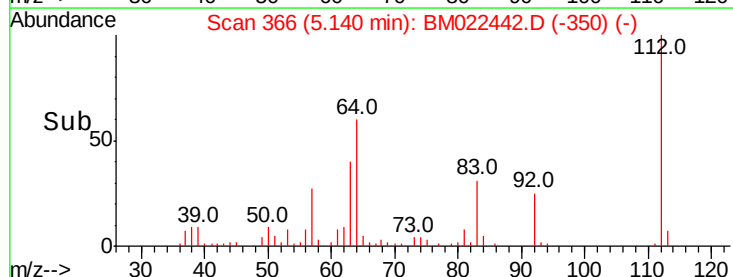
#5

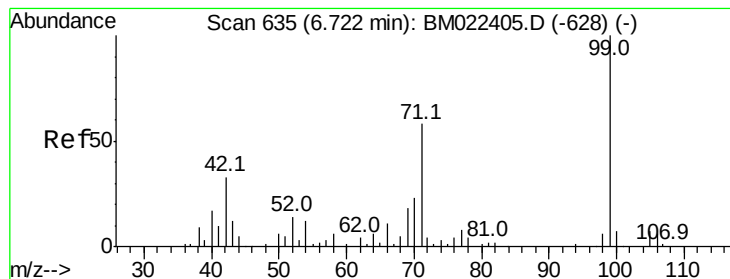
2-Fluorophenol
Concen: 80.658 ng
RT: 5.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: BM022442.D
Acq: 30 Aug 2019 15:11

Tgt Ion:112 Resp: 77592
Ion Ratio Lower Upper
112 100
64 59.9 45.4 68.2
63 40.5 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: 73.375 ng

RT: 6.72 min Scan# 634

Delta R.T. -0.01 min

Lab File: BM022442.D

Acq: 30 Aug 2019 15:11

Instrument :

BNA_M

ClientSampleId :

S702A-N-1.0-1.5-082719

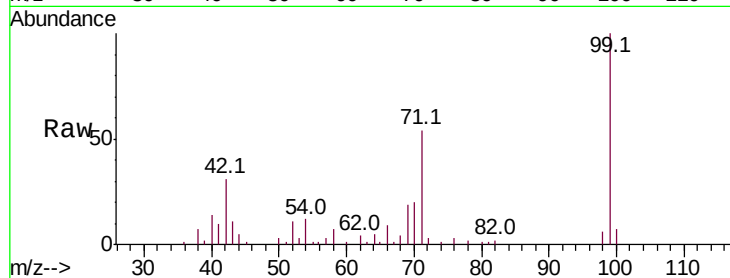
Tot Ion: 99 Resp: 94392

Ion Ratio Lower Upper

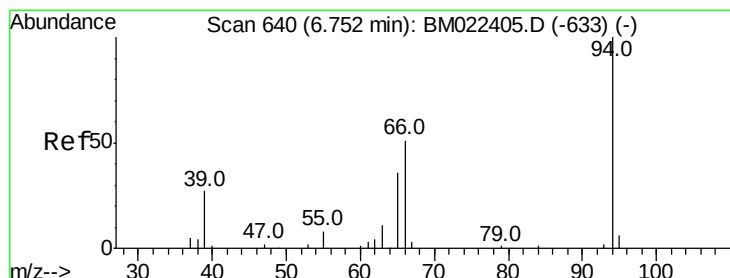
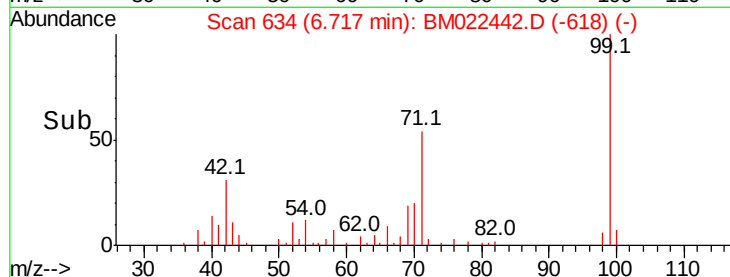
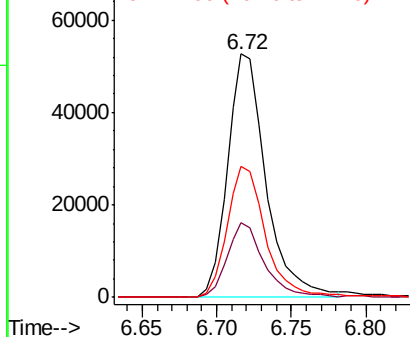
99 100

42 30.6 26.3 39.5

71 53.9 46.6 69.8



Abundance Ion 99.00 (98.70 to 99.70): BMO
Ion 42.00 (41.70 to 42.70): BMO
Ion 71.00 (70.70 to 71.70): BMO



#10

Phenol

Concen: 2.078 ng

RT: 6.75 min Scan# 639

Delta R.T. -0.01 min

Lab File: BM022442.D

Acq: 30 Aug 2019 15:11

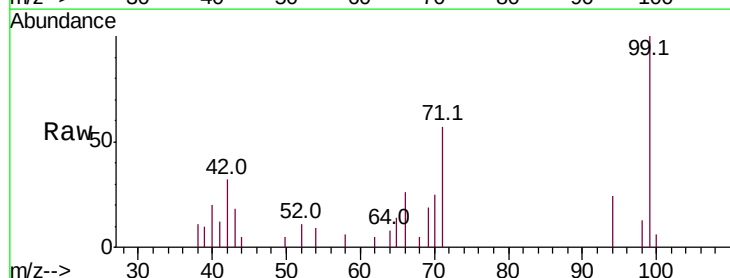
Tgt Ion: 94 Resp: 2686

Ion Ratio Lower Upper

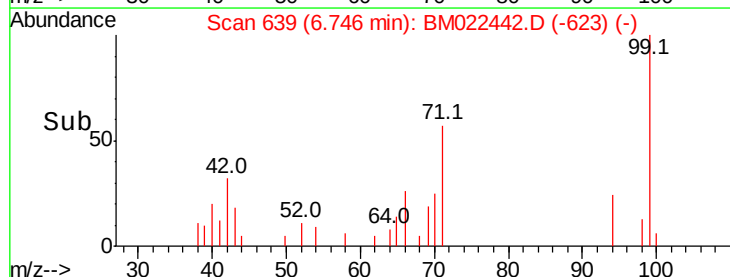
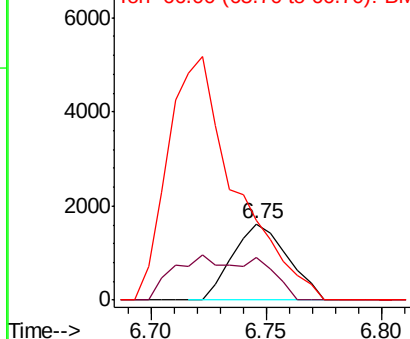
94 100

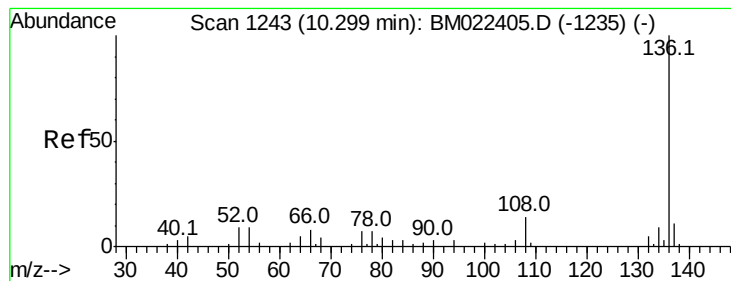
65 55.8 17.7 57.7

66 105.3 39.6 79.6#



Abundance Ion 94.00 (93.70 to 94.70): BMO
Ion 65.00 (64.70 to 65.70): BMO
Ion 66.00 (65.70 to 66.70): BMO





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.29 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BM022442.D

Acq: 30 Aug 2019 15:11

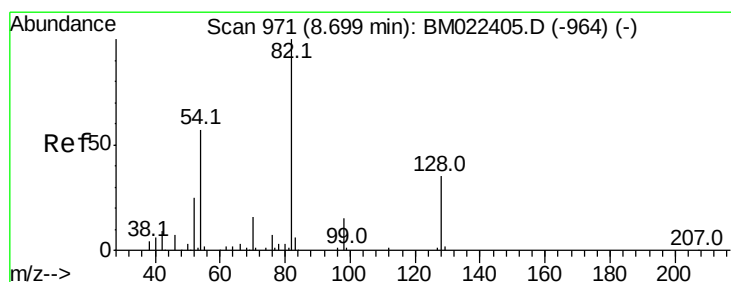
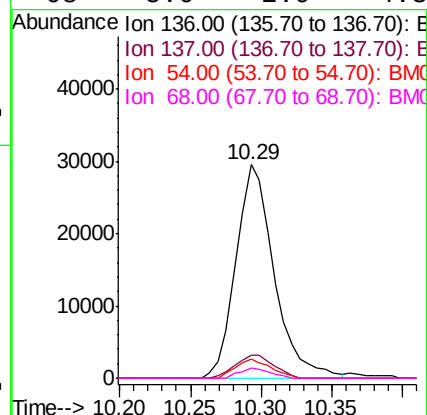
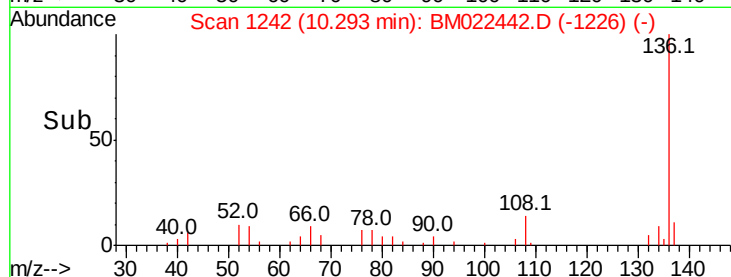
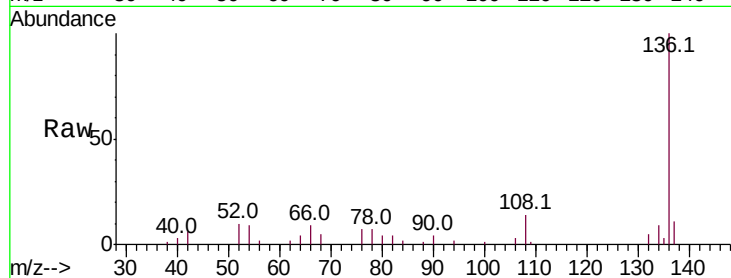
Instrument :

BNA_M

ClientSampleId :

S702A-N-1.0-1.5-082719

Tot Ion:	136	Resp:	55935
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	9.0	7.0	10.6
68	5.0	2.9	4.3#



#23

Nitrobenzene-d5

Concen: 53.484 ng

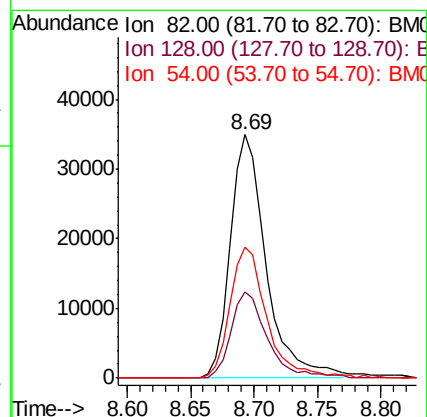
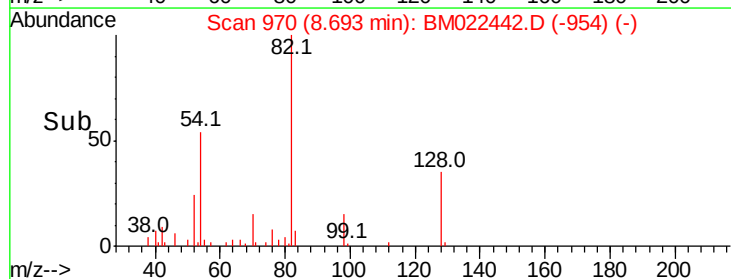
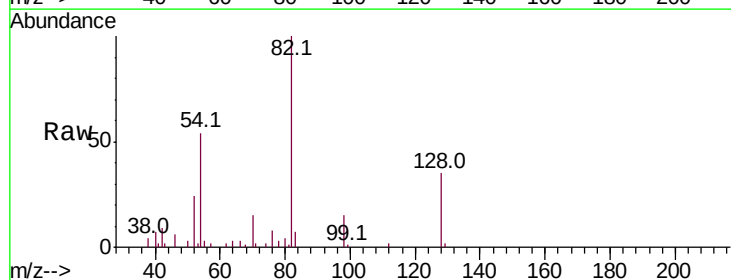
RT: 8.69 min Scan# 970

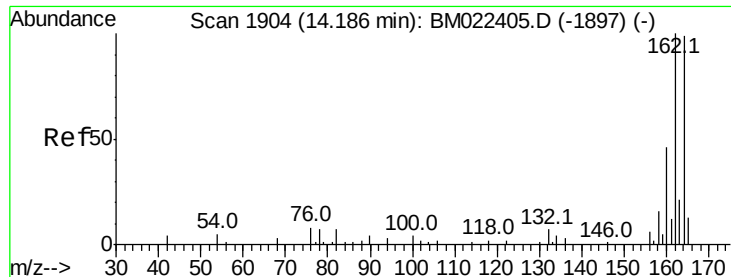
Delta R.T. -0.01 min

Lab File: BM022442.D

Acq: 30 Aug 2019 15:11

Tgt Ion:	82	Resp:	68301
Ion	Ratio	Lower	Upper
82	100		
128	35.4	27.9	41.9
54	53.5	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: BM022442.D

Acq: 30 Aug 2019 15:11

Instrument :

BNA_M

ClientSampleId :

S702A-N-1.0-1.5-082719

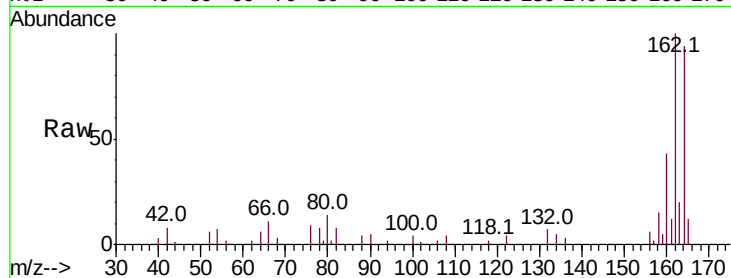
Tot Ion:164 Resp: 33176

Ion Ratio Lower Upper

164 100

162 106.3 80.6 121.0

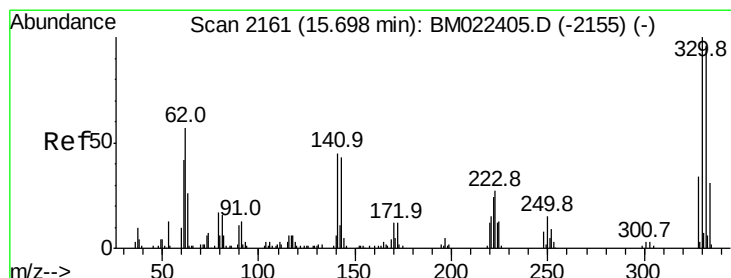
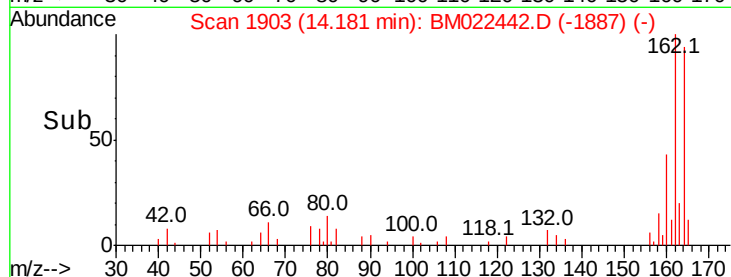
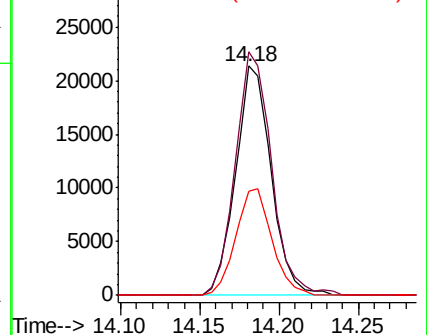
160 45.2 37.3 55.9



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: 65.400 ng

RT: 15.70 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BM022442.D

Acq: 30 Aug 2019 15:11

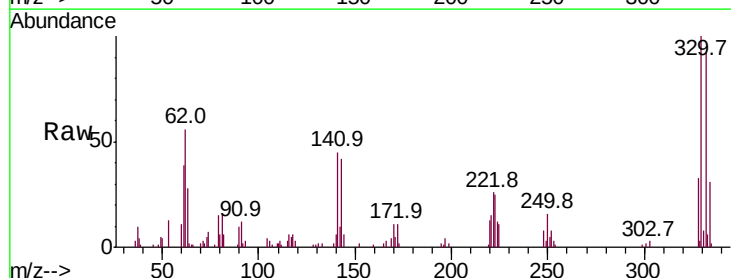
Tgt Ion:330 Resp: 44398

Ion Ratio Lower Upper

330 100

332 95.3 77.8 116.8

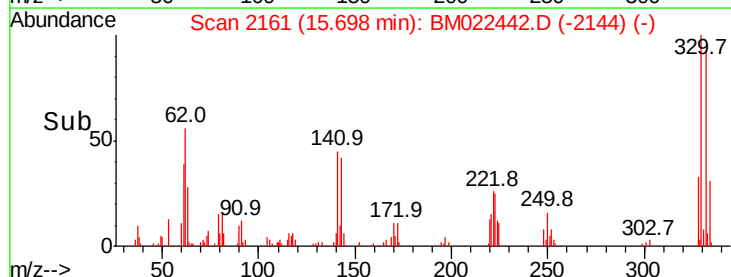
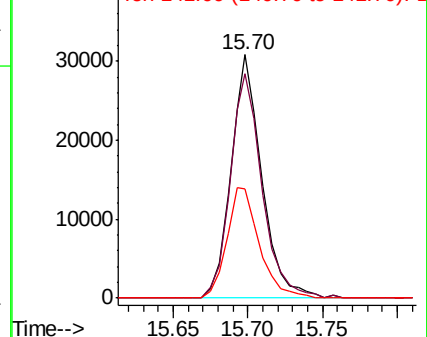
141 48.0 35.6 53.4

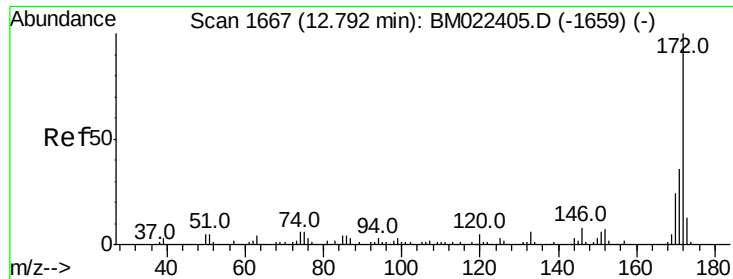


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

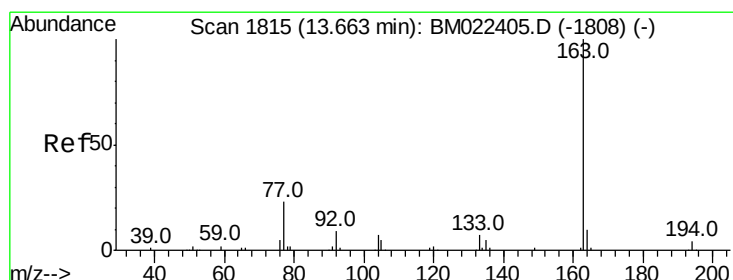
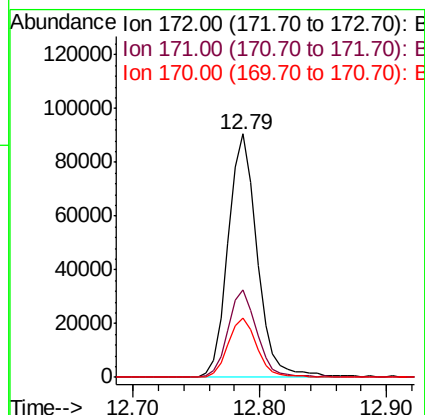
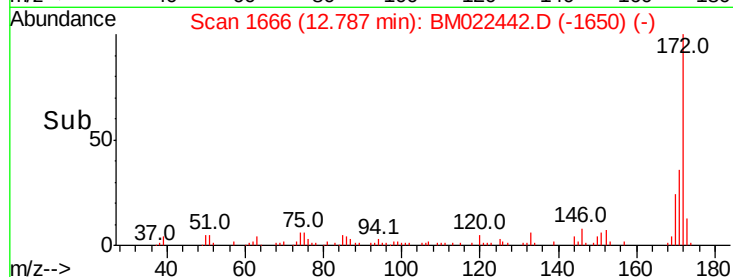
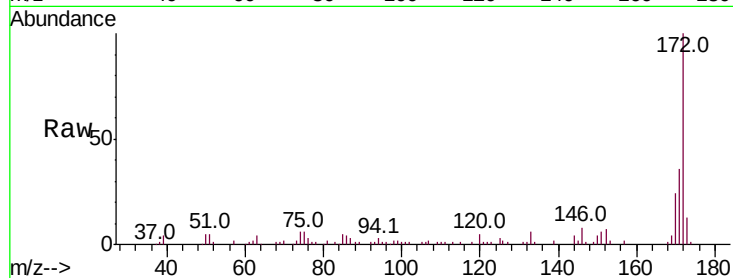




#45
 2-Fluorobiphenyl
 Concen: 48.991 ng
 RT: 12.79 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BM022442.D
 Acq: 30 Aug 2019 15:11

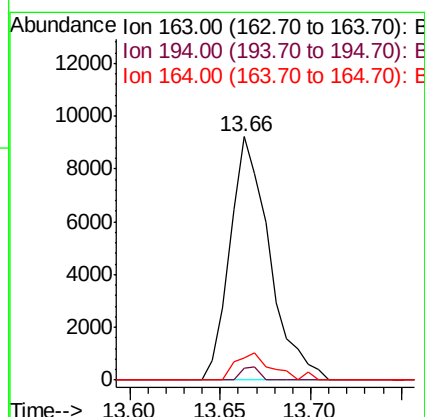
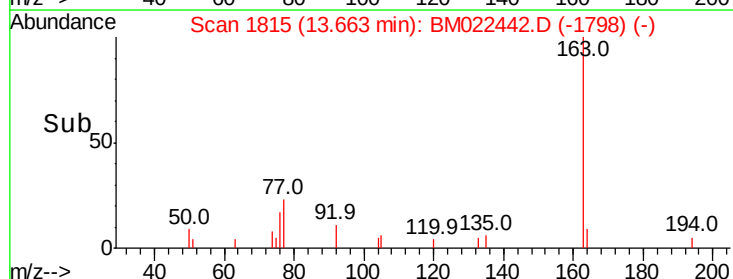
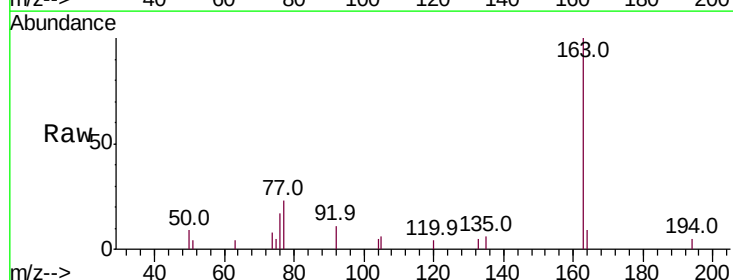
Instrument :
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 S702A-N-1.0-1.5-082719

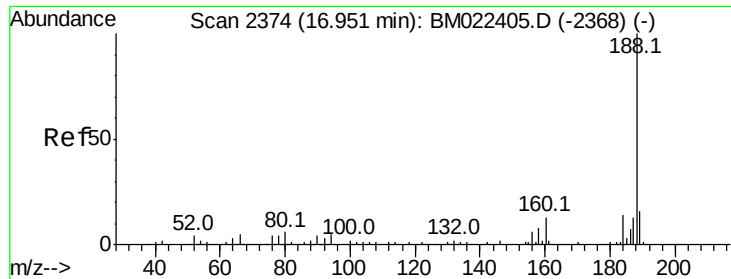
Tot Ion:172 Resp: 143473
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 24.3 18.9 28.3



#50
 Dimethylphthalate
 Concen: 4.852 ng
 RT: 13.66 min Scan# 1815
 Delta R.T. 0.00 min
 Lab File: BM022442.D
 Acq: 30 Aug 2019 15:11

Tgt Ion:163 Resp: 14000
 Ion Ratio Lower Upper
 163 100
 194 4.9 3.4 5.2
 164 9.2 8.2 12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.95 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BM022442.D

Acq: 30 Aug 2019 15:11

Instrument :

BNA_M

ClientSampleId :

S702A-N-1.0-1.5-082719

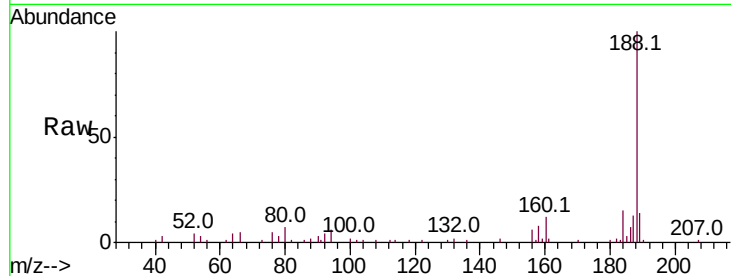
Tot Ion:188 Resp: 74085

Ion Ratio Lower Upper

188 100

94 6.2 4.4 6.6

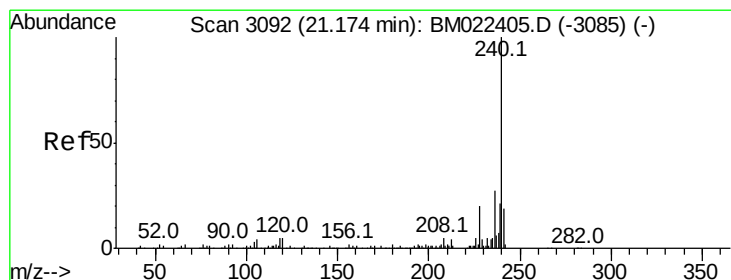
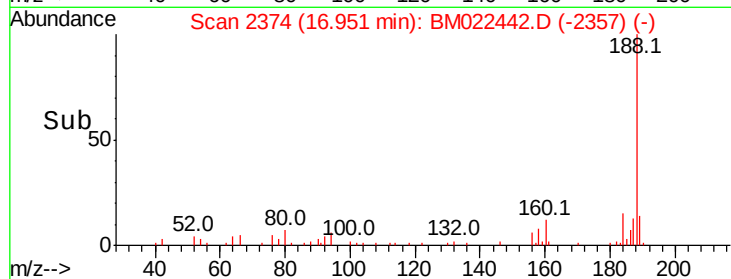
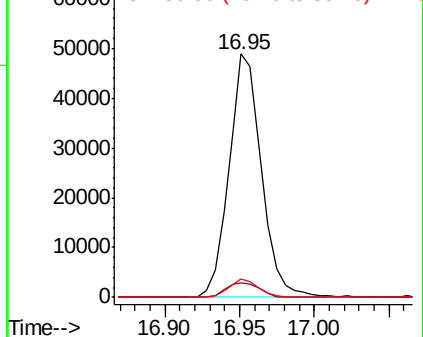
80 7.4 5.0 7.6



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: BM022442.D

Acq: 30 Aug 2019 15:11

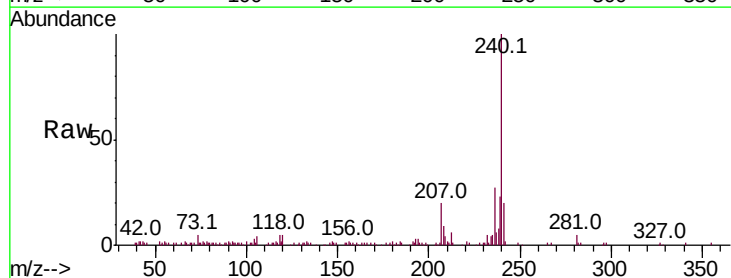
Tgt Ion:240 Resp: 97342

Ion Ratio Lower Upper

240 100

120 4.9 3.9 5.9

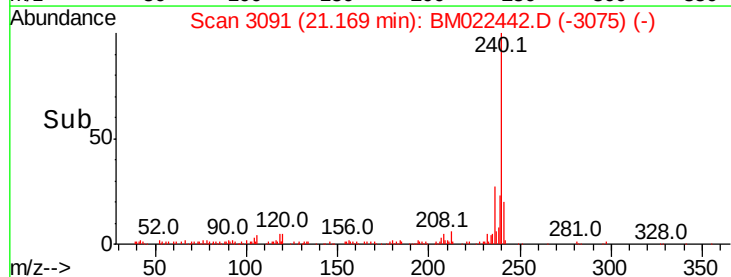
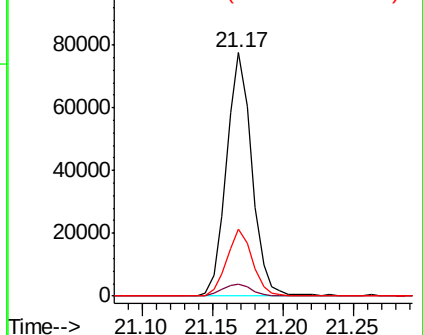
236 27.3 21.4 32.2

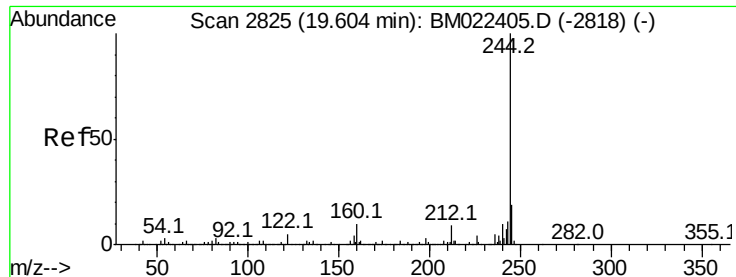


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 38.422 ng

RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM022442.D

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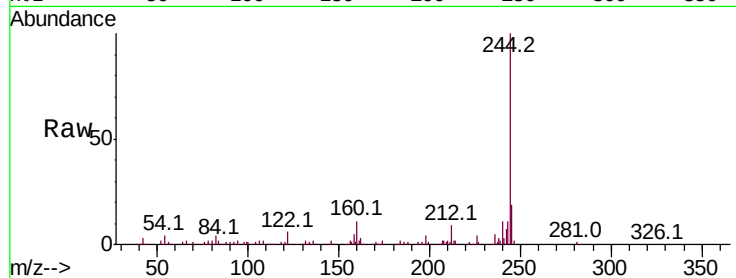
Tot Ion:244 Resp: 283390

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.4
122	5.6	3.9	5.9

244 100

212 9.2 7.0 10.4

122 5.6 3.9 5.9

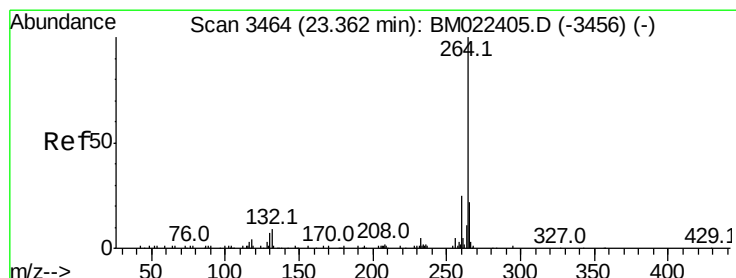
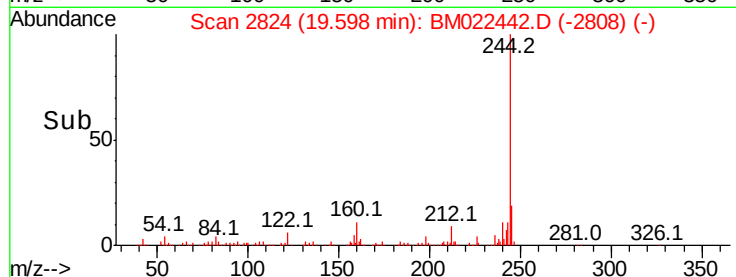
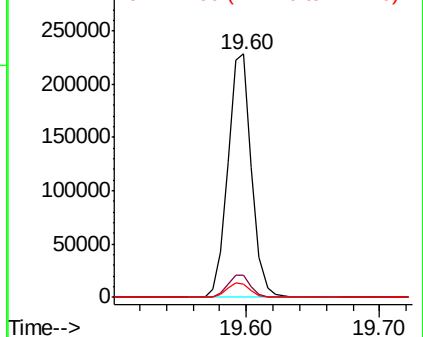


Abundance

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: 23.36 min Scan# 3463

Delta R.T. -0.01 min

Lab File: BM022442.D

Acq: 30 Aug 2019 15:11

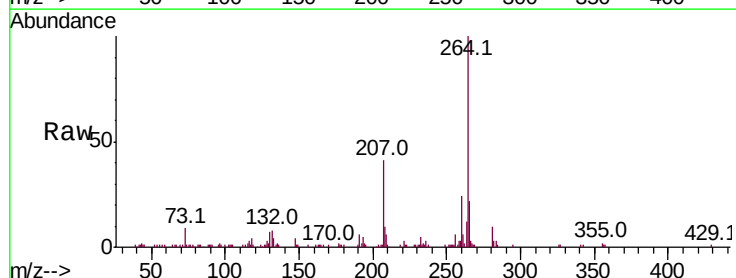
Tgt Ion:264 Resp: 124612

Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.2	30.2
265	22.5	18.2	27.2

264 100

260 24.2 20.2 30.2

265 22.5 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

