

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
 Data File : BM022481.D
 Acq On : 01 Sep 2019 17:35
 Operator : HP/JU
 Sample : K4619-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP6-COMP

Quant Time: Sep 02 04:23:02 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

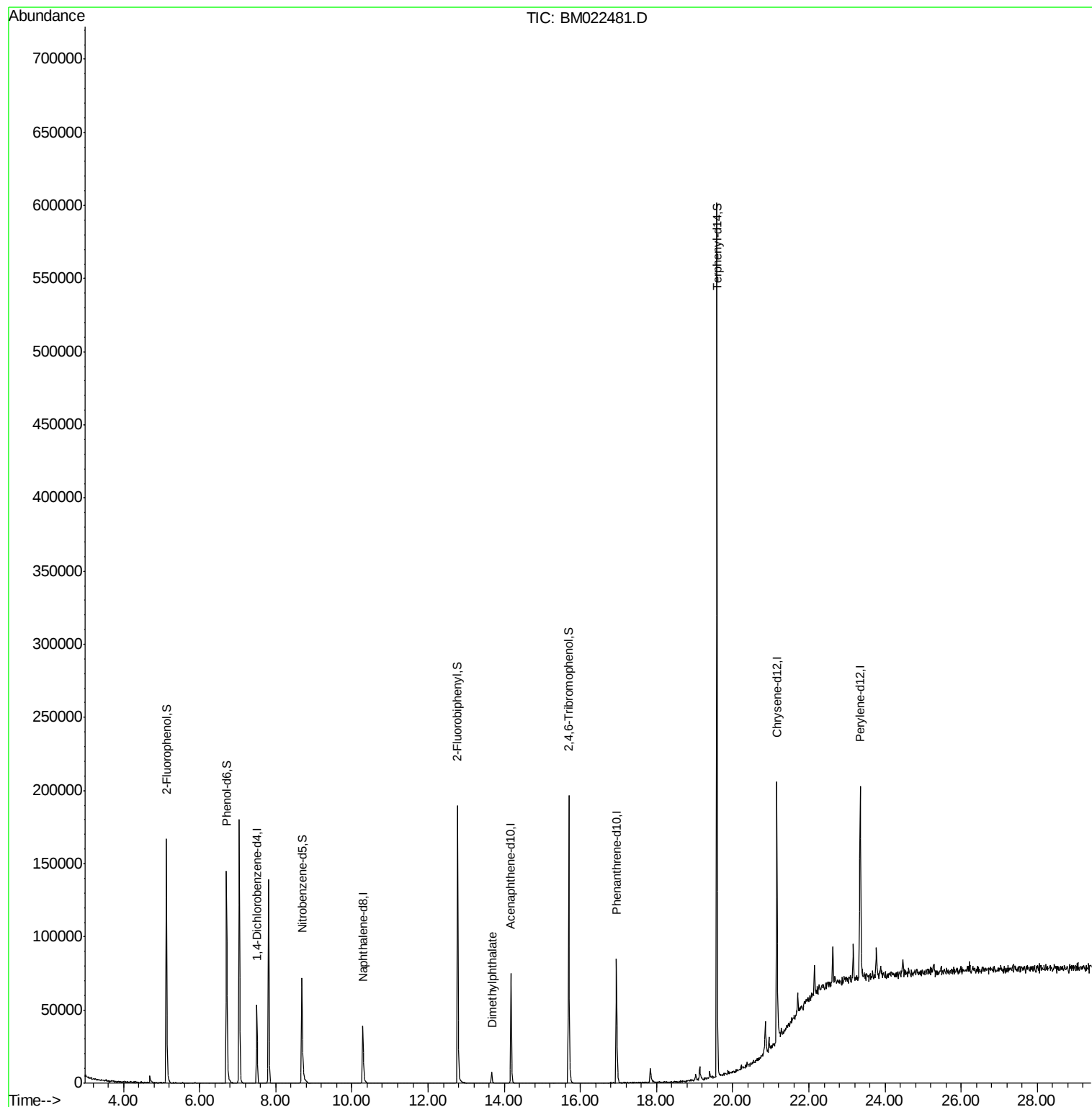
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	12259	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	40560	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	27357	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	61615	20.00	ng	0.01
76) Chrysene-d12	21.16	240	89866	20.00	ng	0.00
87) Perylene-d12	23.34	264	109520	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	57965	83.00	ng	0.00
7) Phenol-d6	6.70	99	70521	75.51	ng	0.00
23) Nitrobenzene-d5	8.69	82	49529	53.49	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	35887	64.11	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	103875	43.01	ng	0.00
79) Terphenyl-d14	19.59	244	258896	38.02	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.67	163	7540	3.169	ng	Qvalue # 95

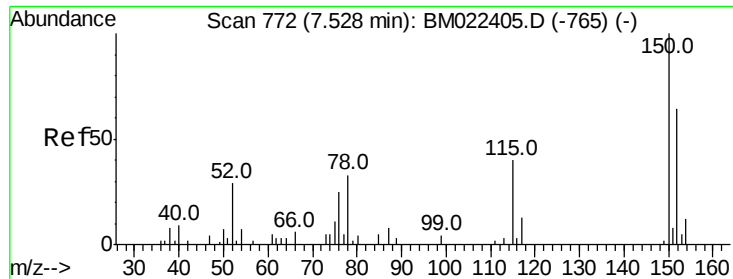
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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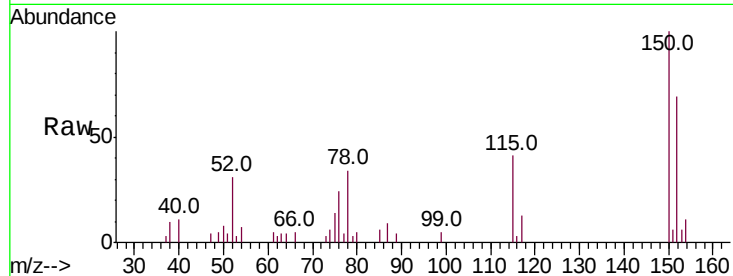


#1

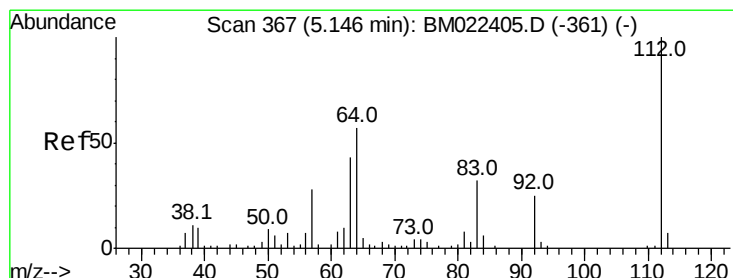
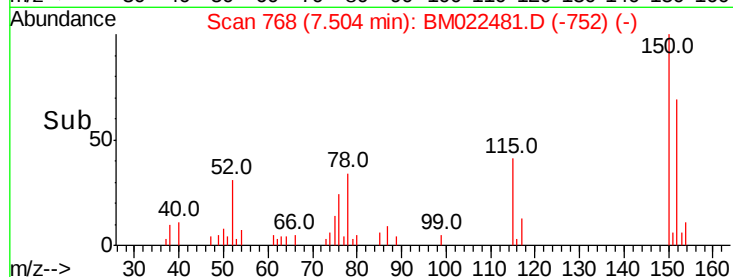
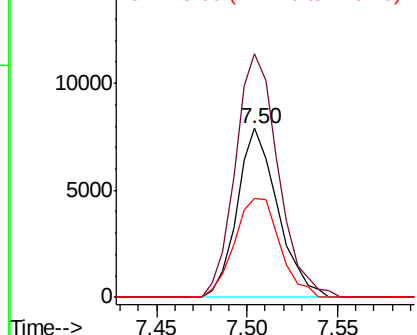
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.50 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: BM022481.D
 Acq: 01 Sep 2019 17:35

Instrument :
 BNA_M
 ClientSampleId :
 TP6-COMP

Tot Ion:152 Resp: 12259
 Ion Ratio Lower Upper
 152 100
 150 144.0 125.4 188.0
 115 58.4 50.3 75.5



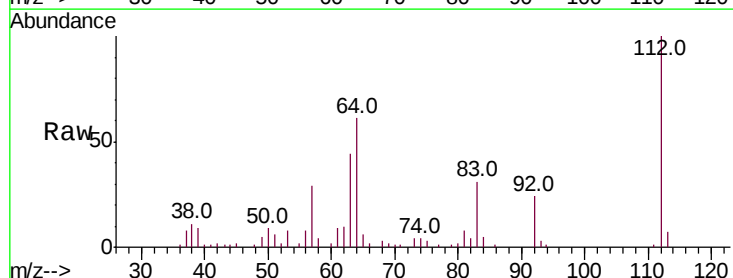
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



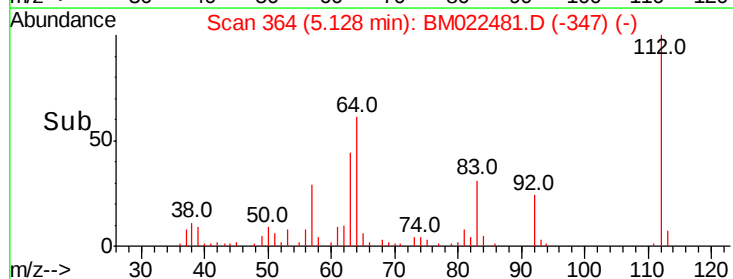
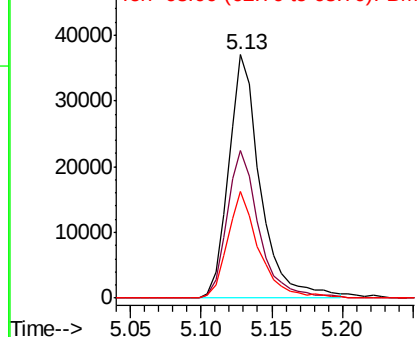
#5

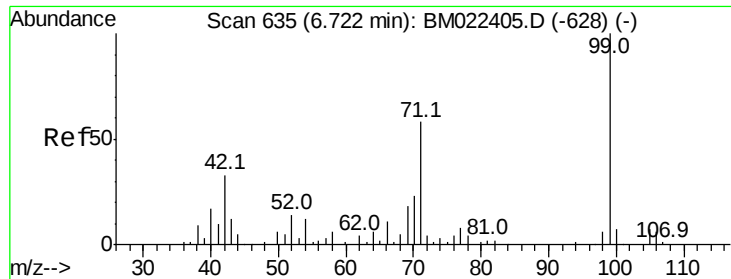
2-Fluorophenol
 Concen: 82.998 ng
 RT: 5.13 min Scan# 364
 Delta R.T. -0.00 min
 Lab File: BM022481.D
 Acq: 01 Sep 2019 17:35

Tgt Ion:112 Resp: 57965
 Ion Ratio Lower Upper
 112 100
 64 60.7 45.4 68.2
 63 44.0 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: 75.510 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM022481.D

Acq: 01 Sep 2019 17:35

Instrument :

BNA_M

ClientSampleId :

TP6-COMP

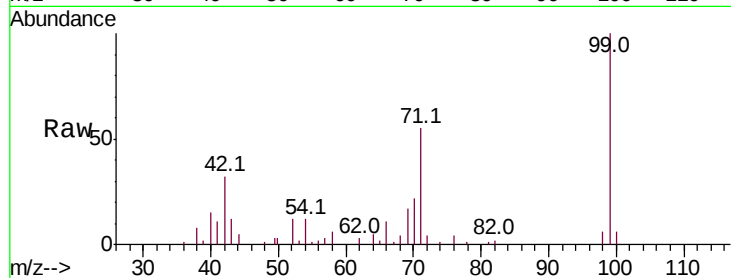
Tot Ion: 99 Resp: 70521

Ion Ratio Lower Upper

99 100

42 31.9 26.3 39.5

71 54.9 46.6 69.8

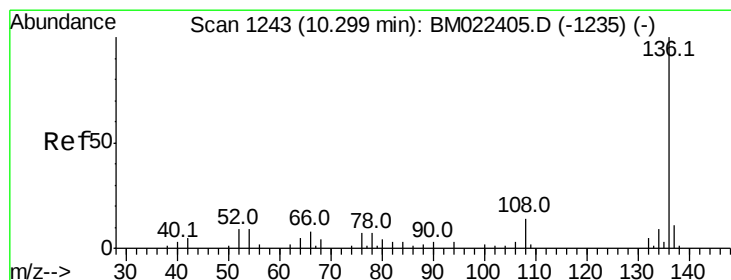
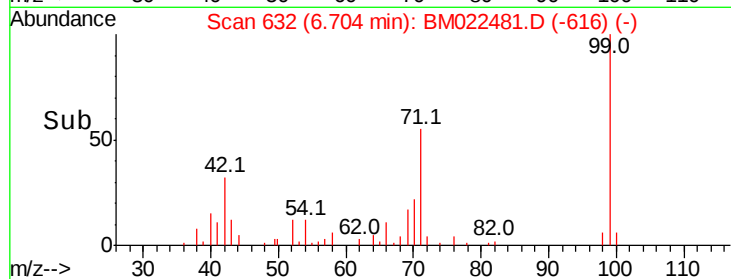
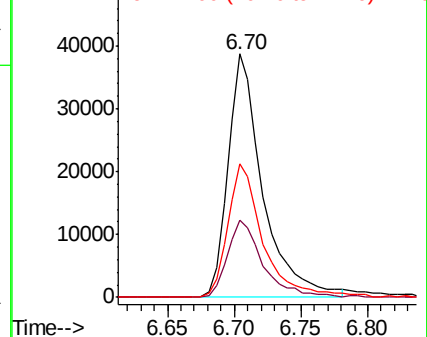


Abundance

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# 1241

Delta R.T. 0.01 min

Lab File: BM022481.D

Acq: 01 Sep 2019 17:35

Tgt Ion: 136 Resp: 40560

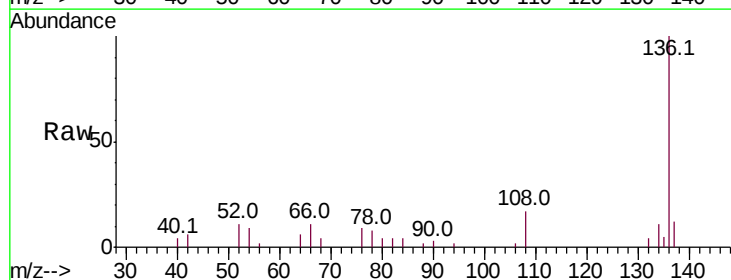
Ion Ratio Lower Upper

136 100

137 11.8 8.6 13.0

54 9.0 7.0 10.6

68 3.9 2.9 4.3



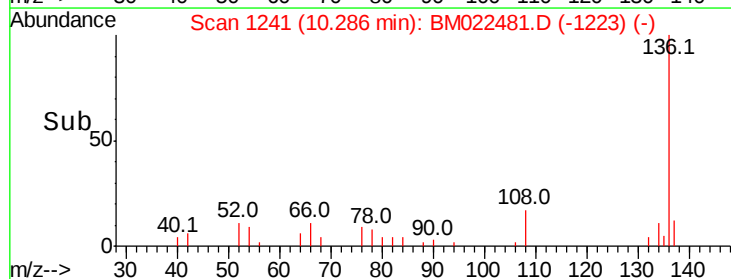
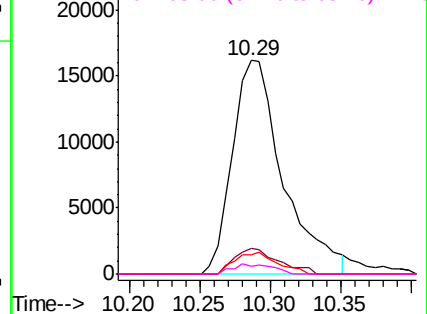
Abundance

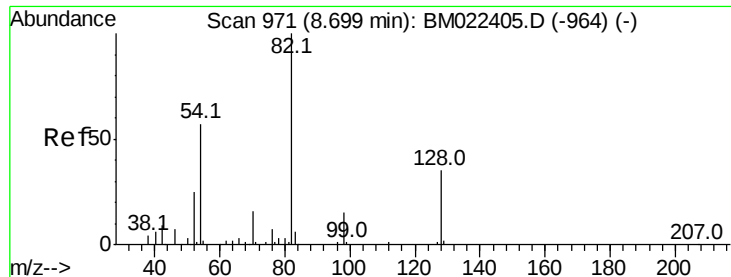
Ion 136.00 (135.70 to 136.70): BM022405.D (-1235) (-)

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) (-)

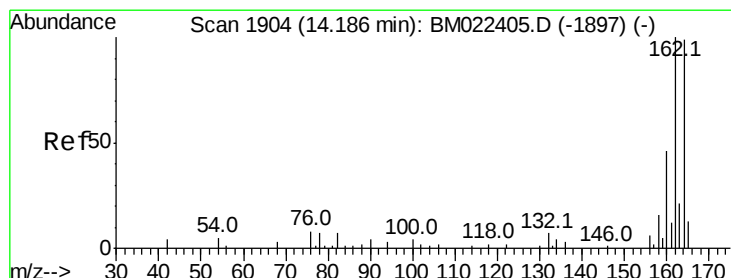
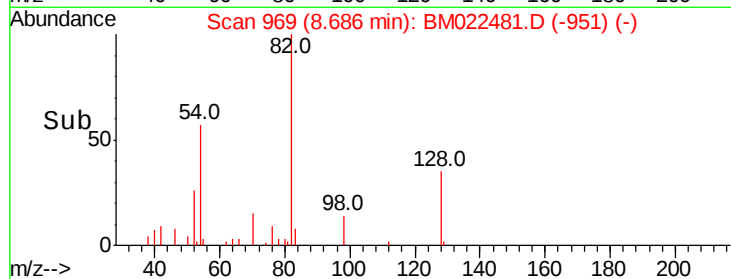
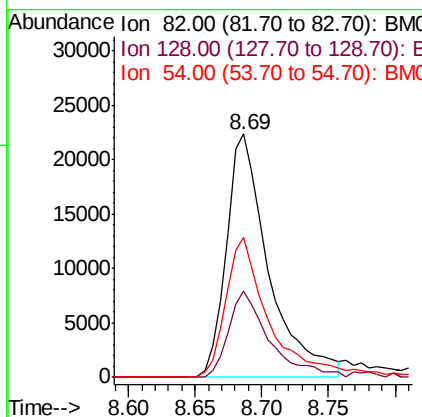
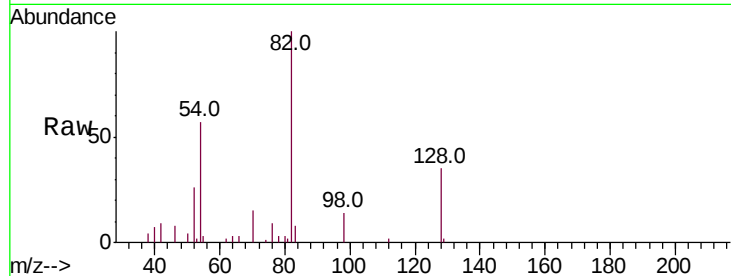




#23
 Nitrobenzene-d5
 Concen: 53.486 ng
 RT: 8.69 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: BM022481.D
 Acq: 01 Sep 2019 17:35

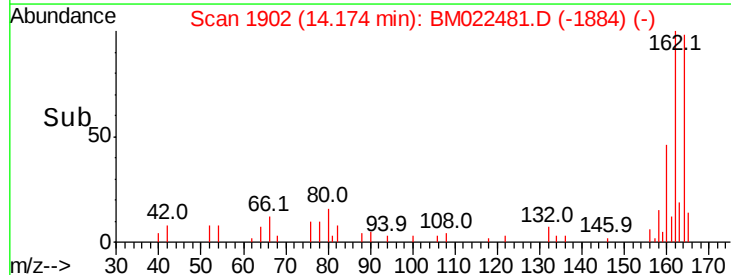
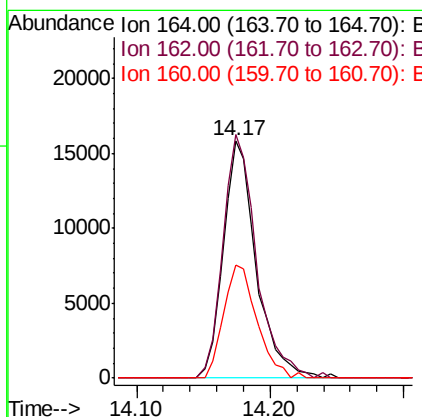
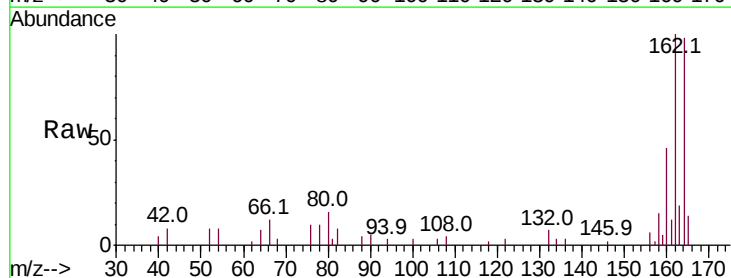
Instrument :
 BNA_M
 ClientSampleId :
 TP6-COMP

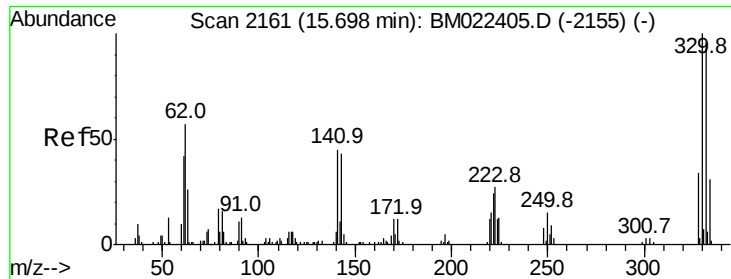
Tot Ion	82	Resp	49529
Ion Ratio	Lower	Upper	
82	100		
128	35.3	27.9	41.9
54	57.3	45.2	67.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1902
 Delta R.T. 0.01 min
 Lab File: BM022481.D
 Acq: 01 Sep 2019 17:35

Tgt Ion	164	Resp	27357
Ion Ratio	Lower	Upper	
164	100		
162	102.4	80.6	121.0
160	47.3	37.3	55.9





#42

2,4,6-Tribromophenol

Concen: 64.107 ng

RT: 15.69 min Scan# 2160

Delta R.T. 0.01 min

Lab File: BM022481.D

Acq: 01 Sep 2019 17:35

Instrument :

BNA_M

ClientSampleId :

TP6-COMP

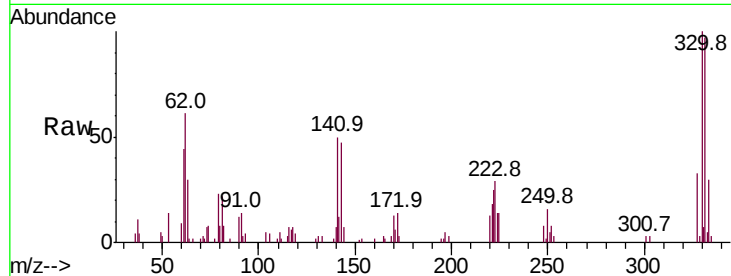
Tot Ion:330 Resp: 35887

Ion Ratio Lower Upper

330 100

332 93.7 77.8 116.8

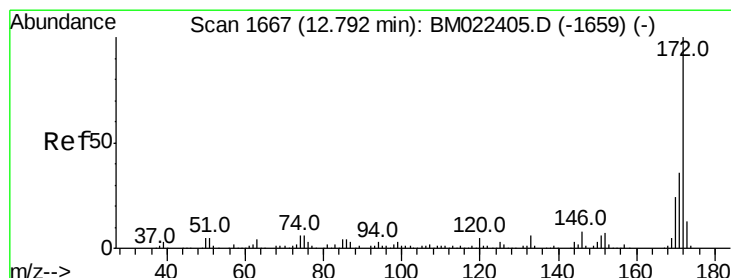
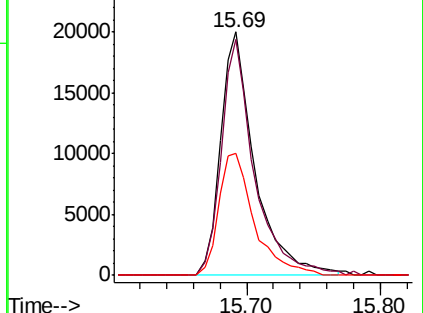
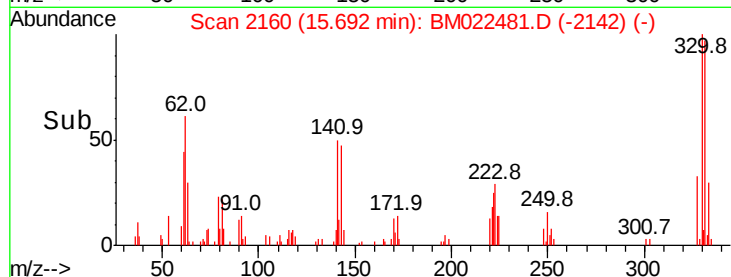
141 52.1 35.6 53.4



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: 43.014 ng

RT: 12.77 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BM022481.D

Acq: 01 Sep 2019 17:35

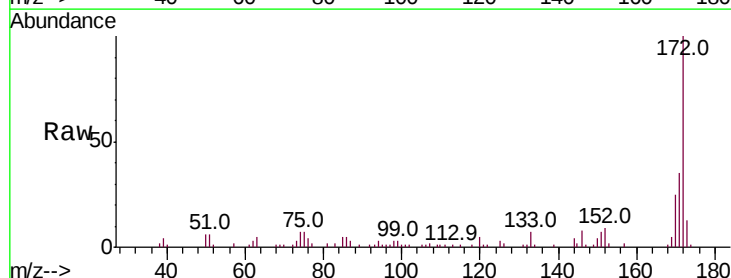
Tgt Ion:172 Resp: 103875

Ion Ratio Lower Upper

172 100

171 34.9 28.5 42.7

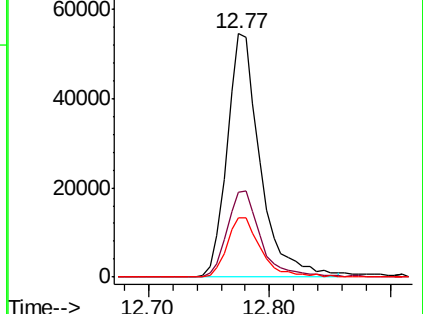
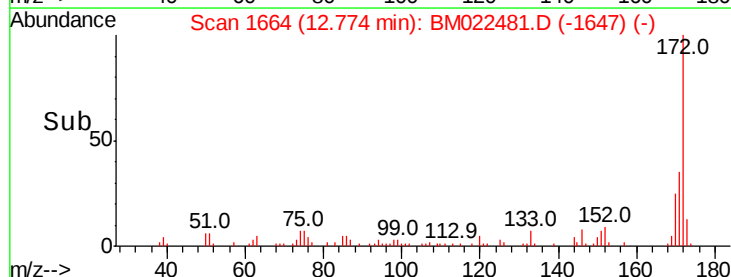
170 24.5 18.9 28.3

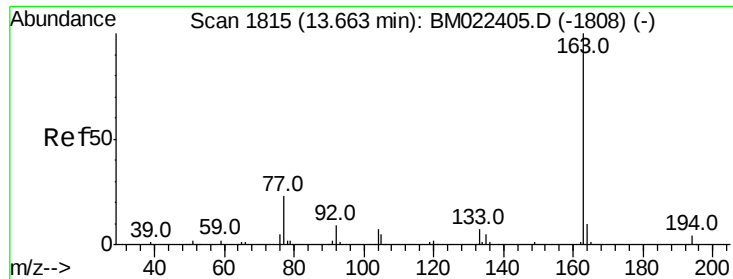


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 3.169 ng

RT: 13.67 min Scan# 1817

Delta R.T. 0.02 min

Lab File: BM022481.D

Acq: 01 Sep 2019 17:35

Instrument :

BNA_M

ClientSampled :

TP6-COMP

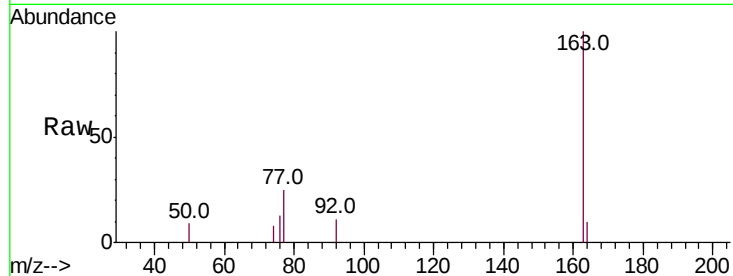
Tot Ion:163 Resp: 7540

Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.2#

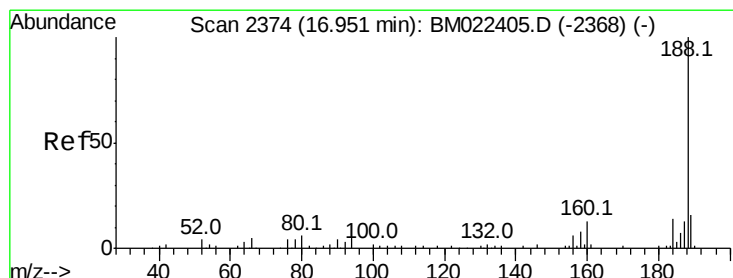
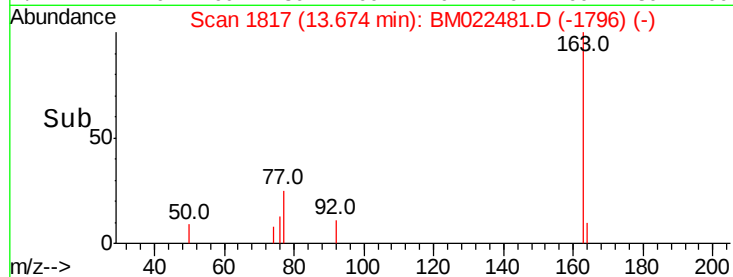
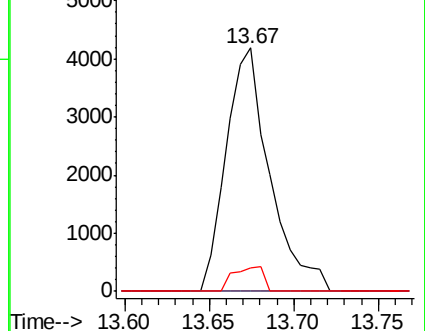
164 9.7 8.2 12.2



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. 0.01 min

Lab File: BM022481.D

Acq: 01 Sep 2019 17:35

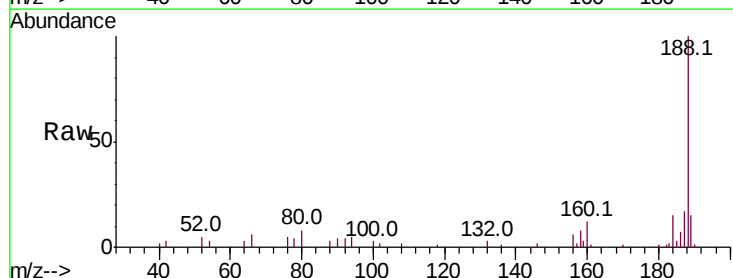
Tgt Ion:188 Resp: 61615

Ion Ratio Lower Upper

188 100

94 5.5 4.4 6.6

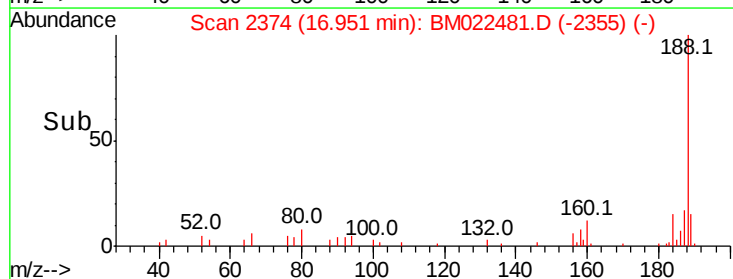
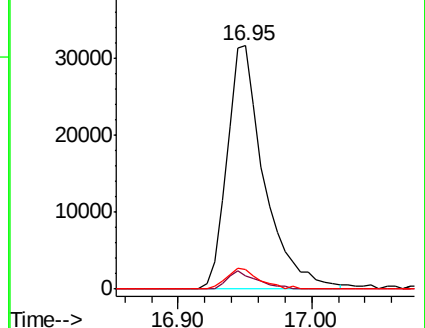
80 7.8 5.0 7.6#

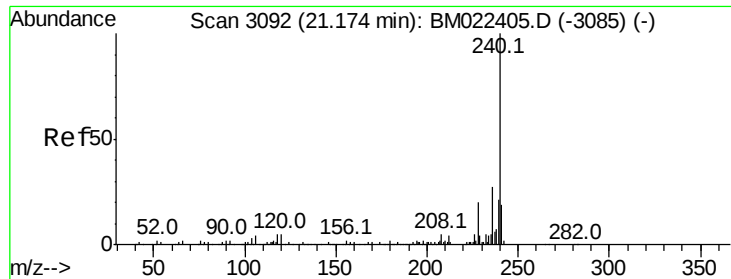


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3090

Delta R.T. 0.01 min

Lab File: BM022481.D

Acq: 01 Sep 2019 17:35

Instrument :

BNA_M

ClientSampleId :

TP6-COMP

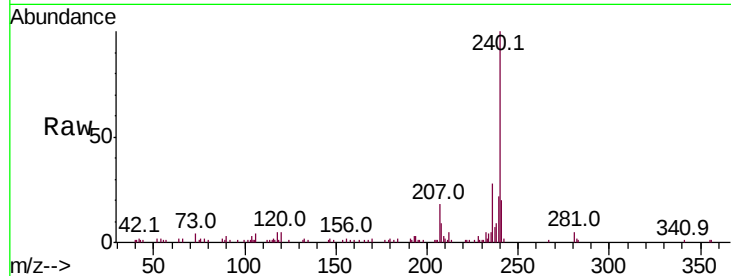
Tot Ion:240 Resp: 89866

Ion Ratio Lower Upper

240 100

120 5.3 3.9 5.9

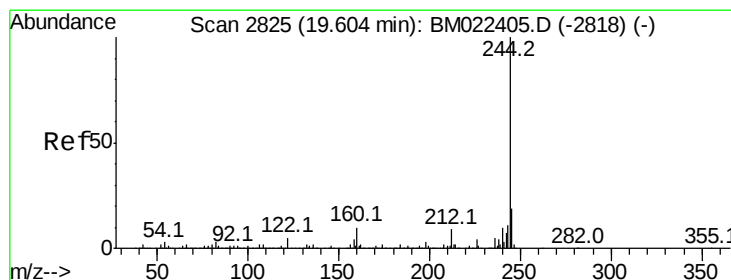
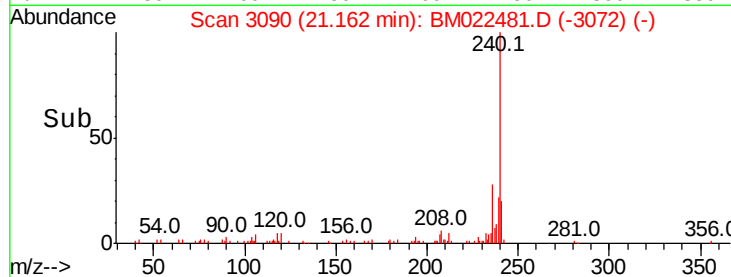
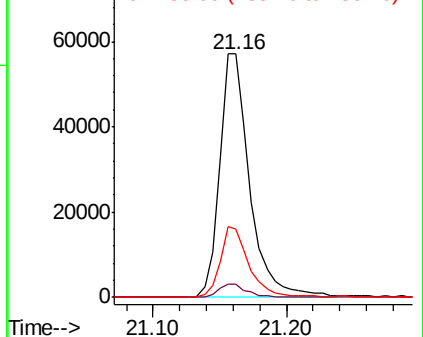
236 28.2 21.4 32.2



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: 38.021 ng

RT: 19.59 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BM022481.D

Acq: 01 Sep 2019 17:35

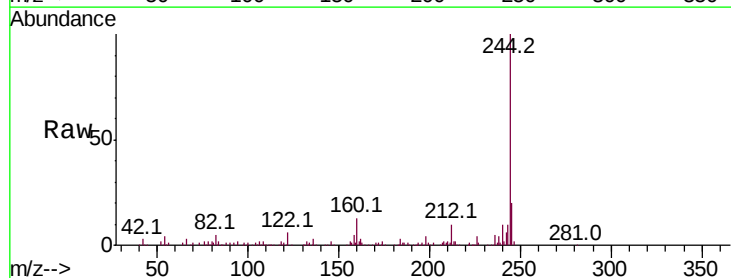
Tgt Ion:244 Resp: 258896

Ion Ratio Lower Upper

244 100

212 9.6 7.0 10.4

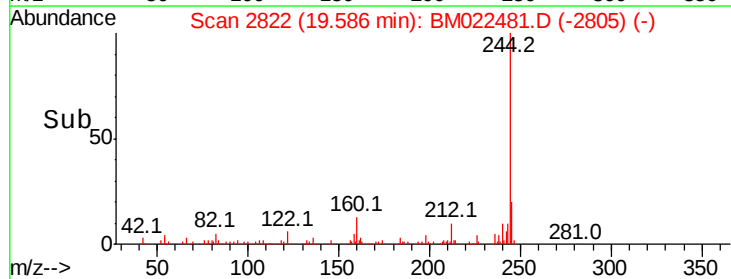
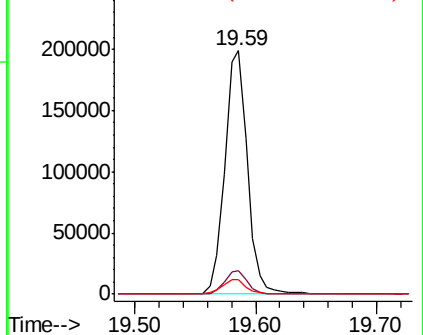
122 6.1 3.9 5.9#

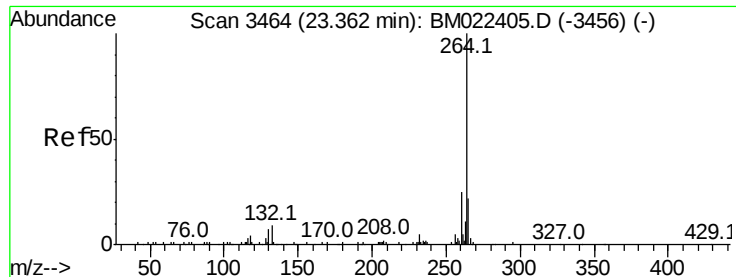


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.34 min Scan# 3461

Delta R.T. -0.00 min

Lab File: BM022481.D

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TP6-COMP

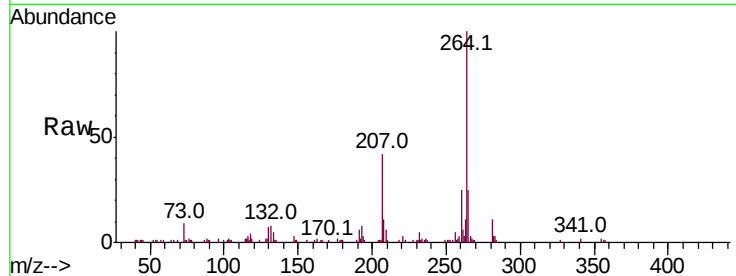
Tot Ion:264 Resp: 109520

Ion Ratio Lower Upper

264 100

260 24.7 20.2 30.2

265 25.3 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

