

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042446.D
 Acq On : 23 Aug 2019 23:17
 Operator : HP/JU
 Sample : K4402-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-MUD

Quant Time: Aug 24 02:33:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	72389	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	288061	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	202185	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	432556	20.00	ng	0.00
76) Chrysene-d12	21.69	240	423178	20.00	ng	0.00
87) Perylene-d12	24.93	264	494823	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	485620	135.87	ng	0.00
7) Phenol-d6	7.17	99	611229	126.60	ng	0.00
23) Nitrobenzene-d5	9.17	82	421641	101.15	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	345921	120.37	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1213692	101.53	ng	0.00
79) Terphenyl-d14	20.03	244	1772108	90.53	ng	0.00

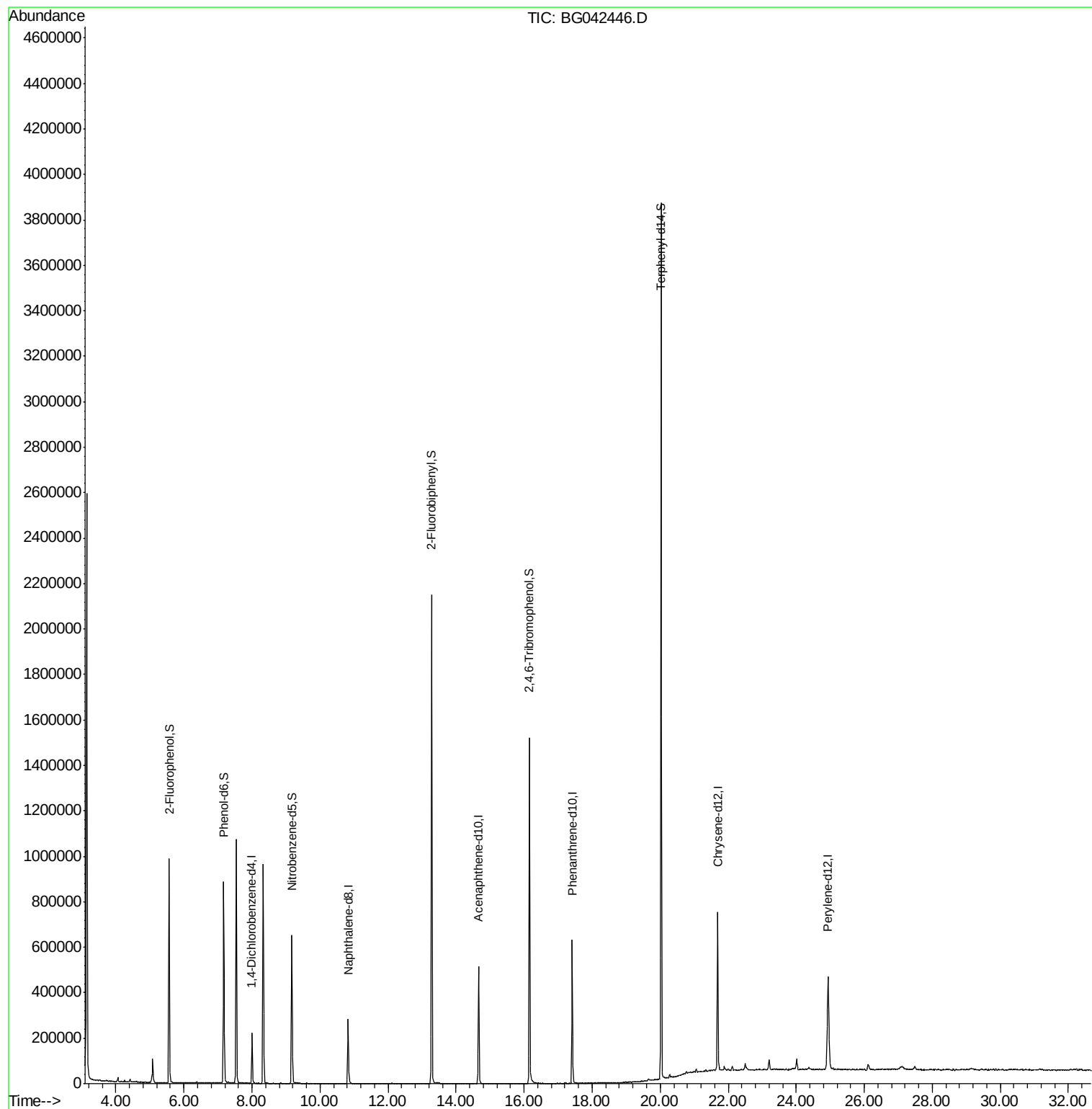
Target Compounds Qvalue

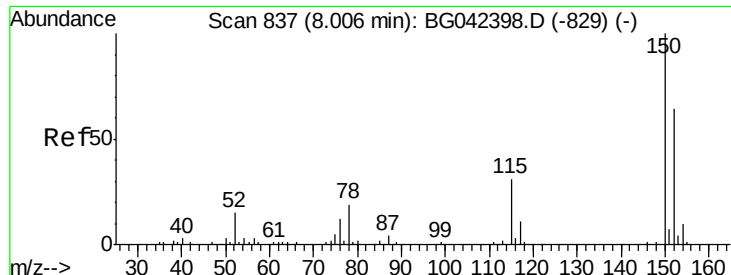
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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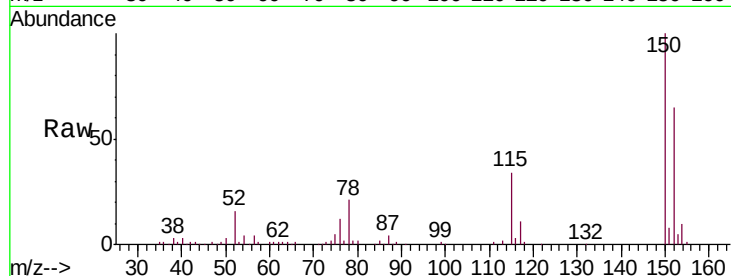


#1

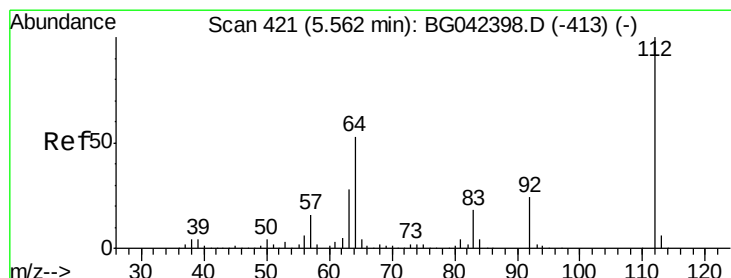
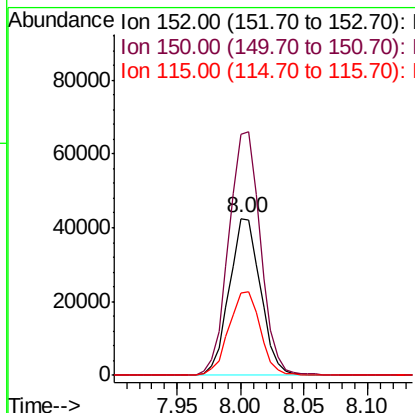
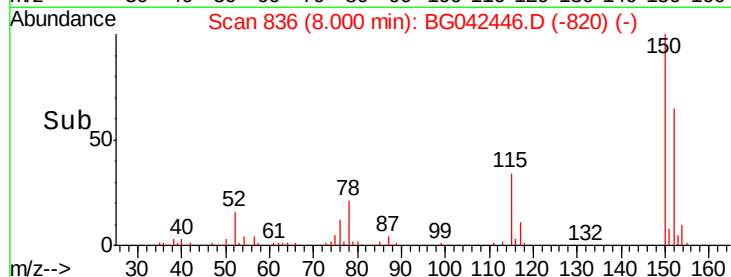
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042446.D
Acq: 23 Aug 2019 23:17

Instrument :
BNA_G
ClientSampleId :
FRAC-TANK-MUD

Tot Ion:152 Resp: 72389
Ion Ratio Lower Upper
152 100
150 153.8 125.4 188.0
115 52.8 38.5 57.7



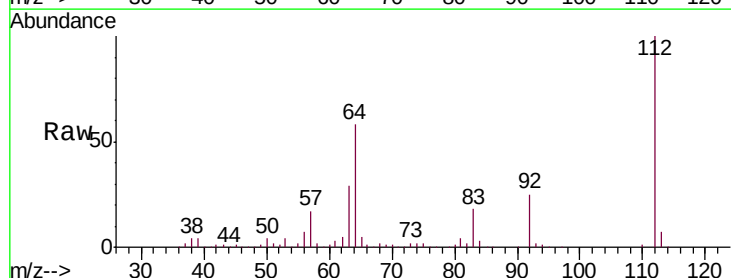
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



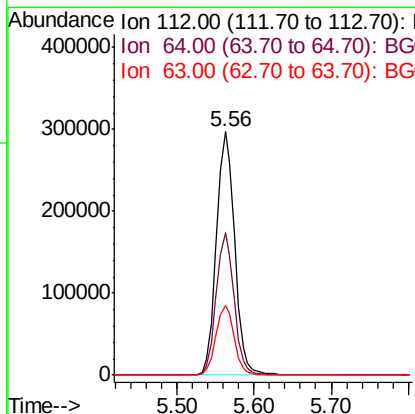
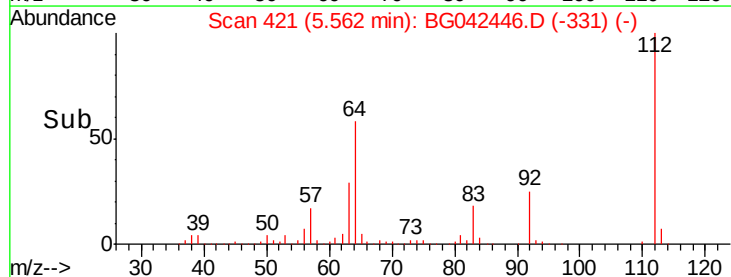
#5

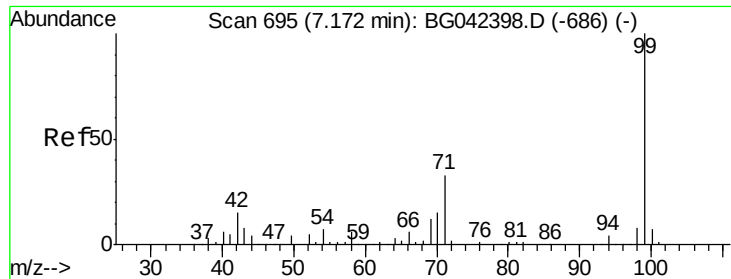
2-Fluorophenol
Concen: 135.866 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042446.D
Acq: 23 Aug 2019 23:17

Tgt Ion:112 Resp: 485620
Ion Ratio Lower Upper
112 100
64 58.4 42.8 64.2
63 28.8 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 126.601 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG042446.D

Acq: 23 Aug 2019 23:17

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-MUD

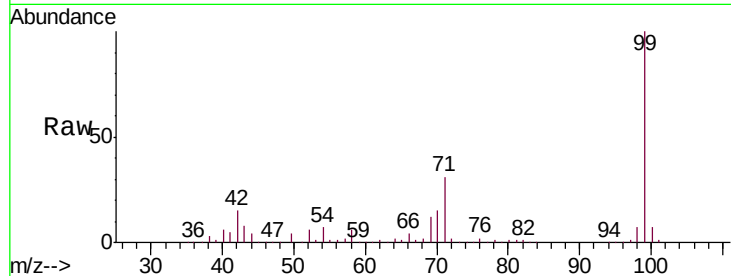
Tot Ion: 99 Resp: 611229

Ion Ratio Lower Upper

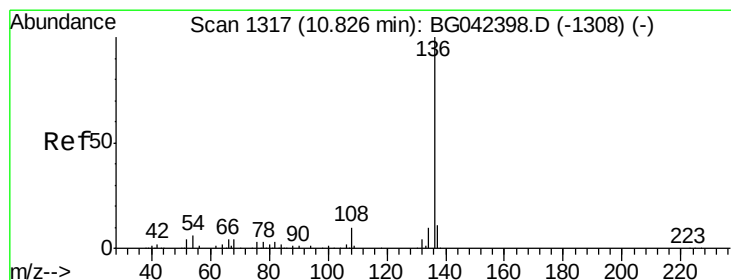
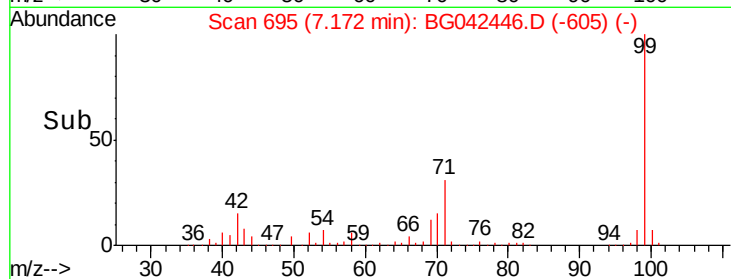
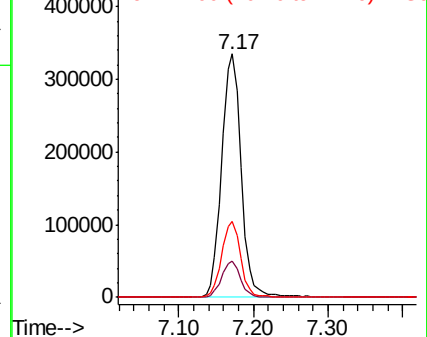
99 100

42 14.8 12.0 18.0

71 31.3 26.3 39.5



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG042446.D

Acq: 23 Aug 2019 23:17

Tgt Ion: 136 Resp: 288061

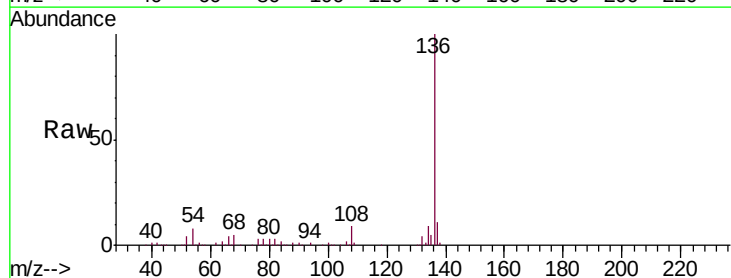
Ion Ratio Lower Upper

136 100

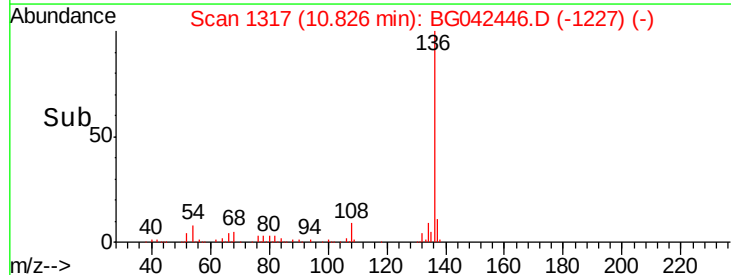
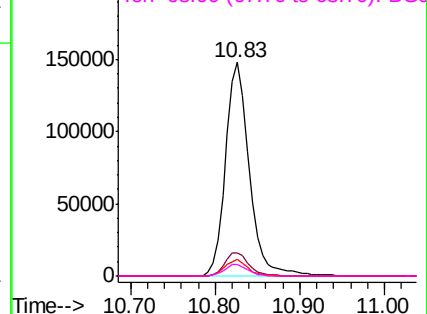
137 10.6 8.7 13.1

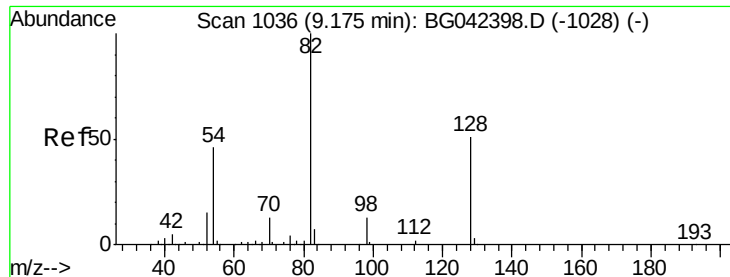
54 7.5 4.9 7.3#

68 5.5 3.6 5.4#



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

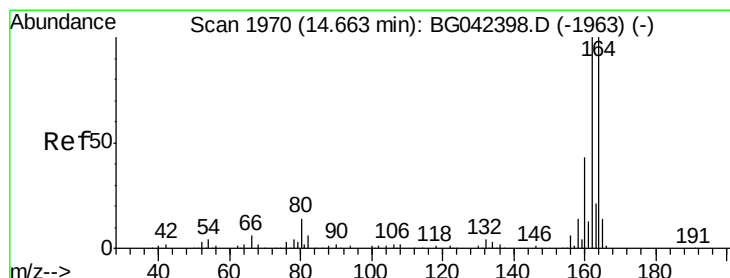
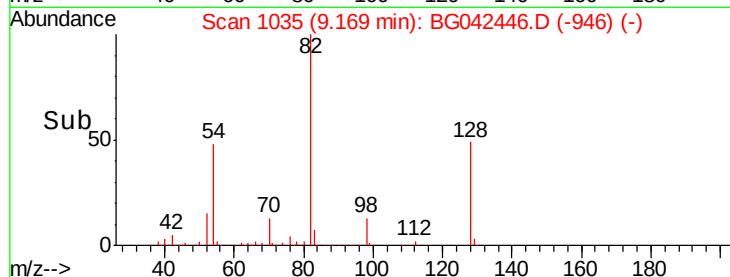
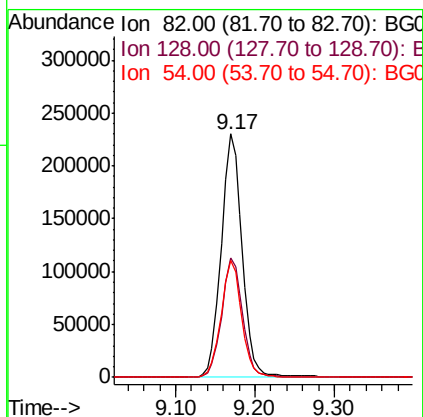
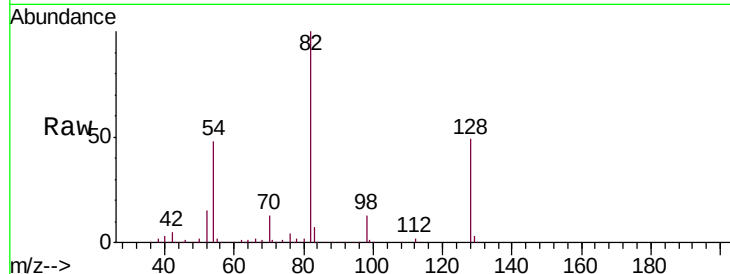




#23
 Nitrobenzene-d5
 Concen: 101.149 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042446.D
 Acq: 23 Aug 2019 23:17

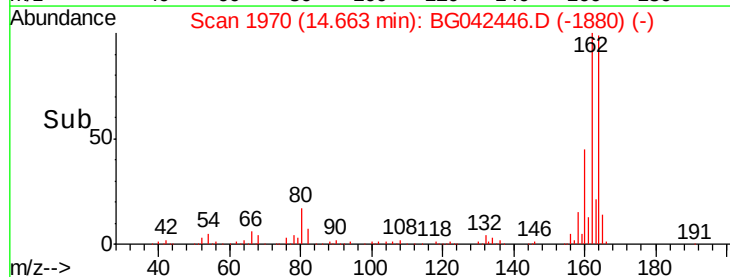
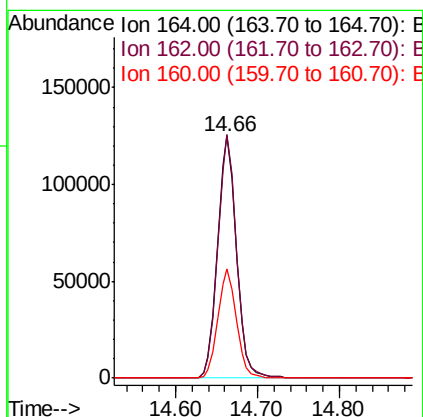
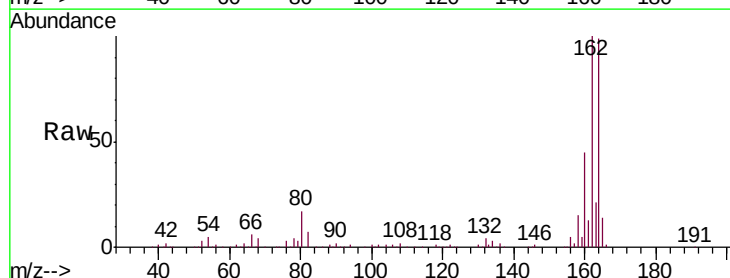
Instrument :
 BNA_G
 ClientSampleId :
 FRAC-TANK-MUD

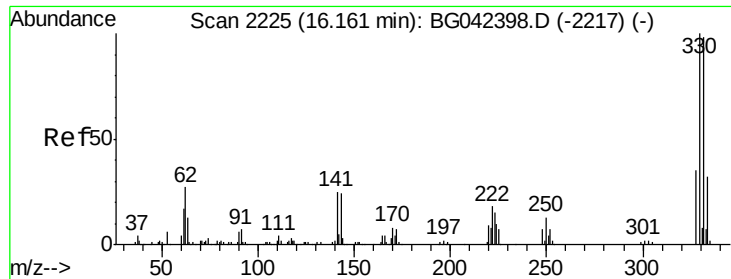
Tot Ion	82	Resp	421641
Ion Ratio	Lower	Upper	
82	100		
128	49.1	40.7	61.1
54	47.8	36.3	54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: BG042446.D
 Acq: 23 Aug 2019 23:17

Tgt Ion	164	Resp	202185
Ion Ratio	Lower	Upper	
164	100		
162	100.7	79.9	119.9
160	45.0	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 120.374 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042446.D

Acq: 23 Aug 2019 23:17

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-MUD

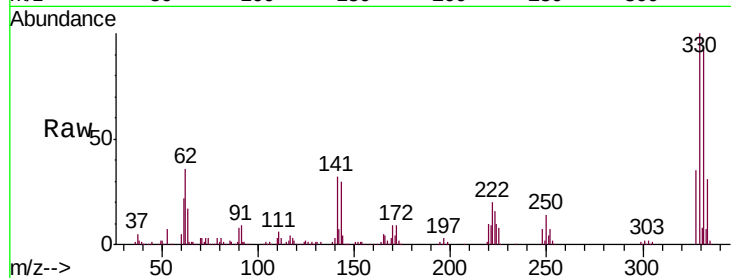
Tot Ion:330 Resp: 345921

Ion Ratio Lower Upper

330 100

332 95.0 77.4 116.0

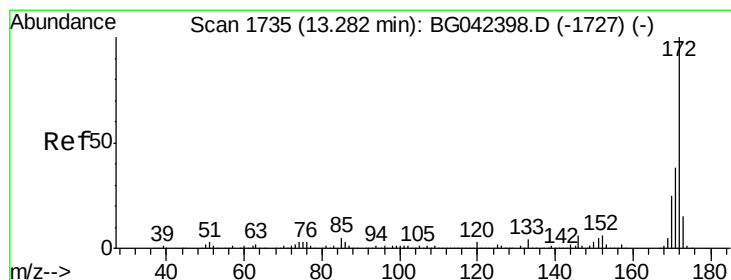
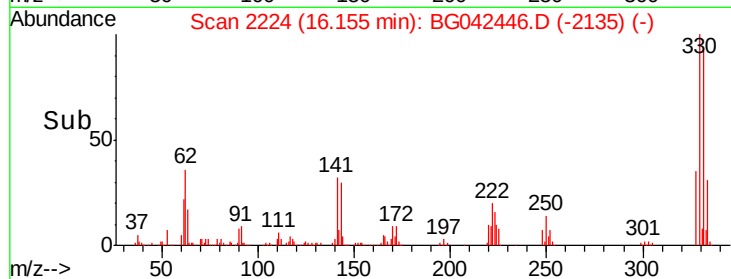
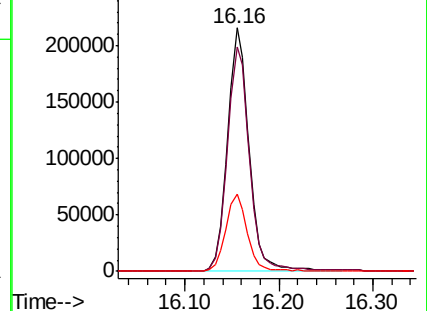
141 32.4 21.4 32.0#



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: 101.526 ng

RT: 13.28 min Scan# 1735

Delta R.T. 0.00 min

Lab File: BG042446.D

Acq: 23 Aug 2019 23:17

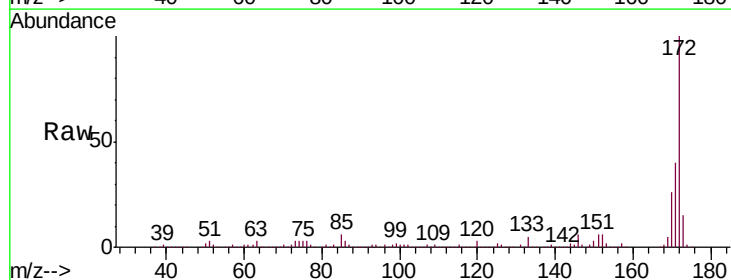
Tgt Ion:172 Resp: 1213692

Ion Ratio Lower Upper

172 100

171 39.8 30.5 45.7

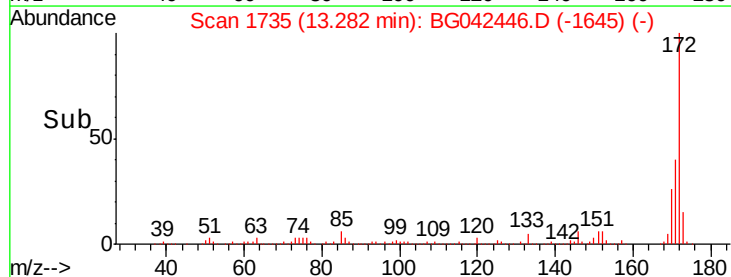
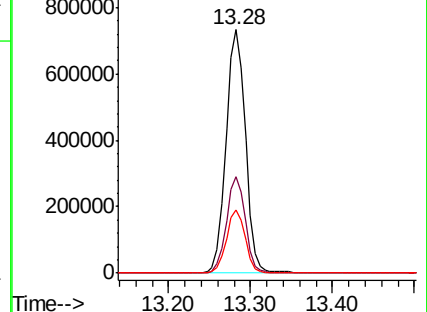
170 26.2 20.2 30.2

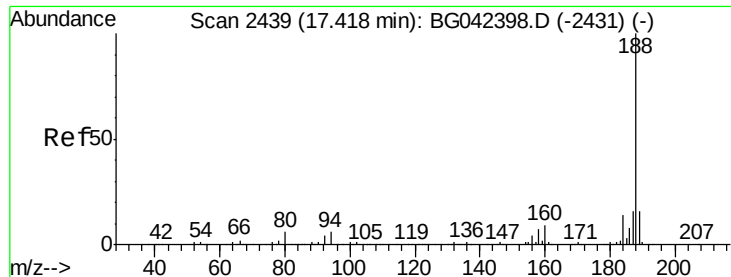


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042446.D

Acq: 23 Aug 2019 23:17

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-MUD

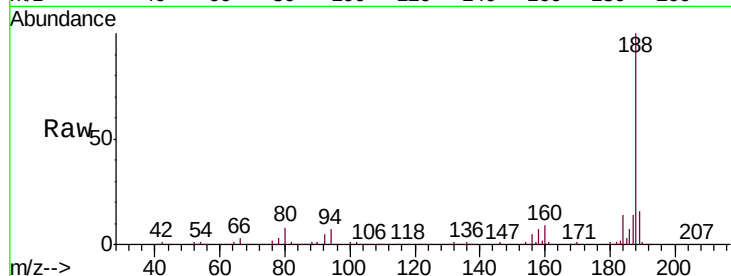
Tot Ion:188 Resp: 432556

Ion Ratio Lower Upper

188 100

94 7.3 4.5 6.7#

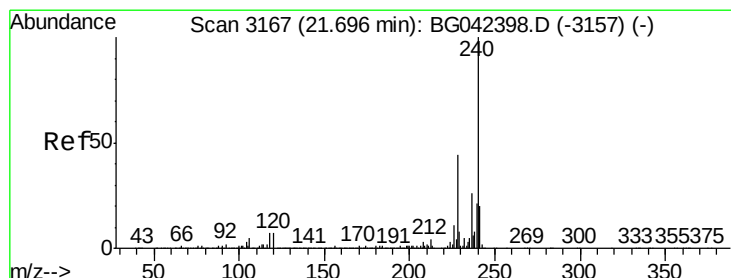
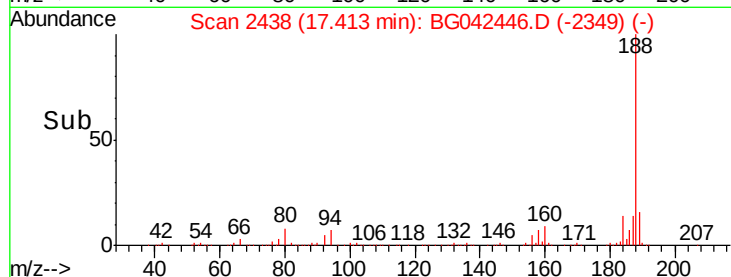
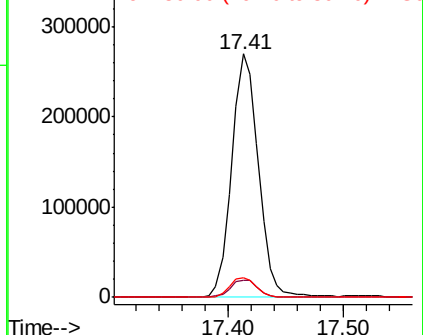
80 8.3 4.9 7.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042446.D

Acq: 23 Aug 2019 23:17

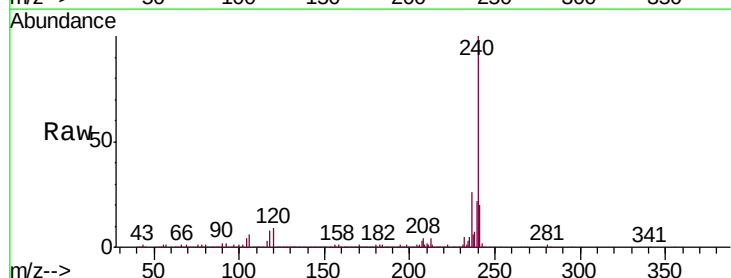
Tgt Ion:240 Resp: 423178

Ion Ratio Lower Upper

240 100

120 9.4 5.7 8.5#

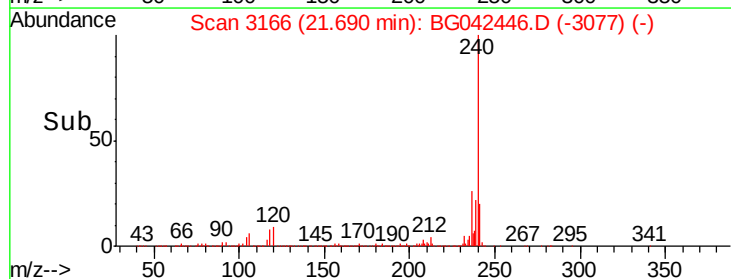
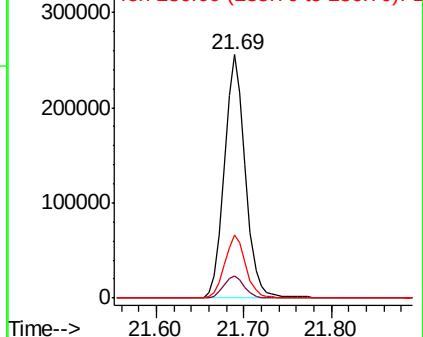
236 26.2 21.0 31.4

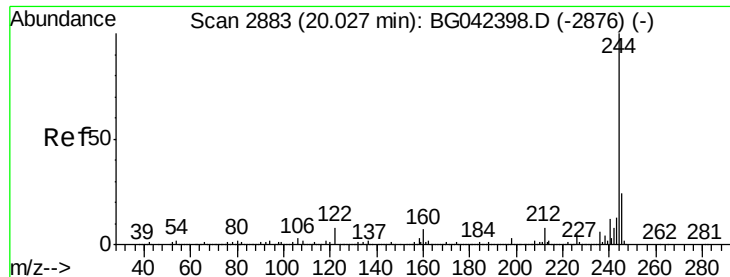


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.533 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG042446.D

Acq: 23 Aug 2019 23:17

Instrument :

BNA_G

ClientSampleId :

FRAC-TANK-MUD

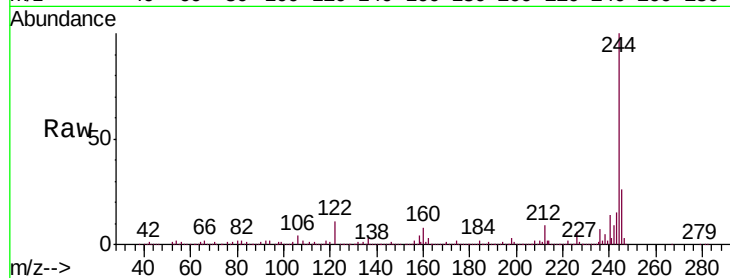
Tot Ion:244 Resp: 1772108

Ion Ratio Lower Upper

244 100

212 9.1 6.0 9.0#

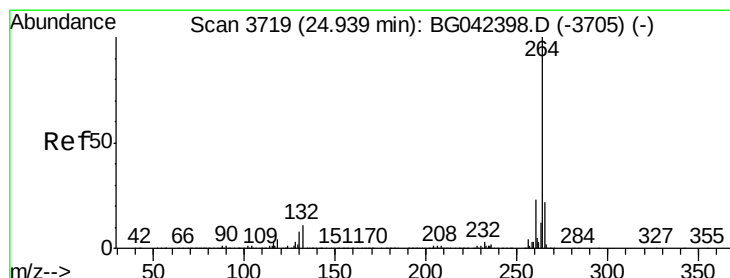
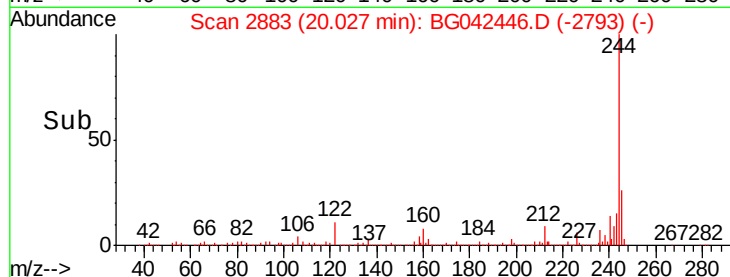
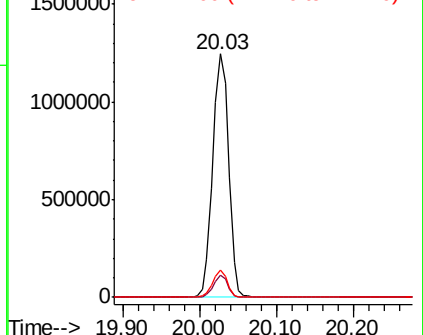
122 11.3 6.7 10.1#



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: 24.93 min Scan# 3718

Delta R.T. -0.01 min

Lab File: BG042446.D

Acq: 23 Aug 2019 23:17

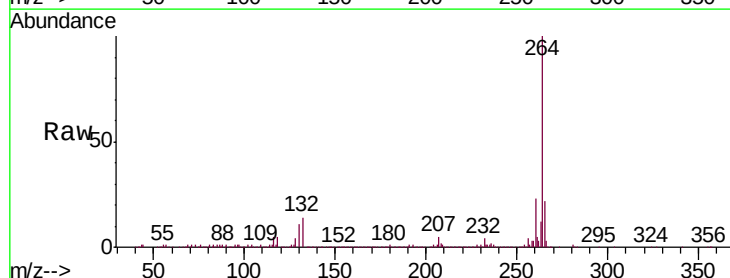
Tgt Ion:264 Resp: 494823

Ion Ratio Lower Upper

264 100

260 23.0 18.5 27.7

265 22.4 17.6 26.4



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

