

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031527.D
 Acq On : 13 Dec 2017 14:43
 Operator : SJ/JU
 Sample : I6817-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120617-TIDO-F-D-S

Quant Time: Dec 13 16:48:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	51178	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	217304	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	160148	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	476587	20.00	ng	0.00
75) Chrysene-d12	21.74	240	564772	20.00	ng	0.00
86) Perylene-d12	25.03	264	544491	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	121218	41.98	ng	0.00
7) Phenol-d6	7.28	99	93392	23.30	ng	0.00
23) Nitrobenzene-d5	9.27	82	294962	83.66	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	196393	104.68	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	947913	86.88	ng	0.00
78) Terphenyl-d14	20.07	244	1846748	74.40	ng	0.00

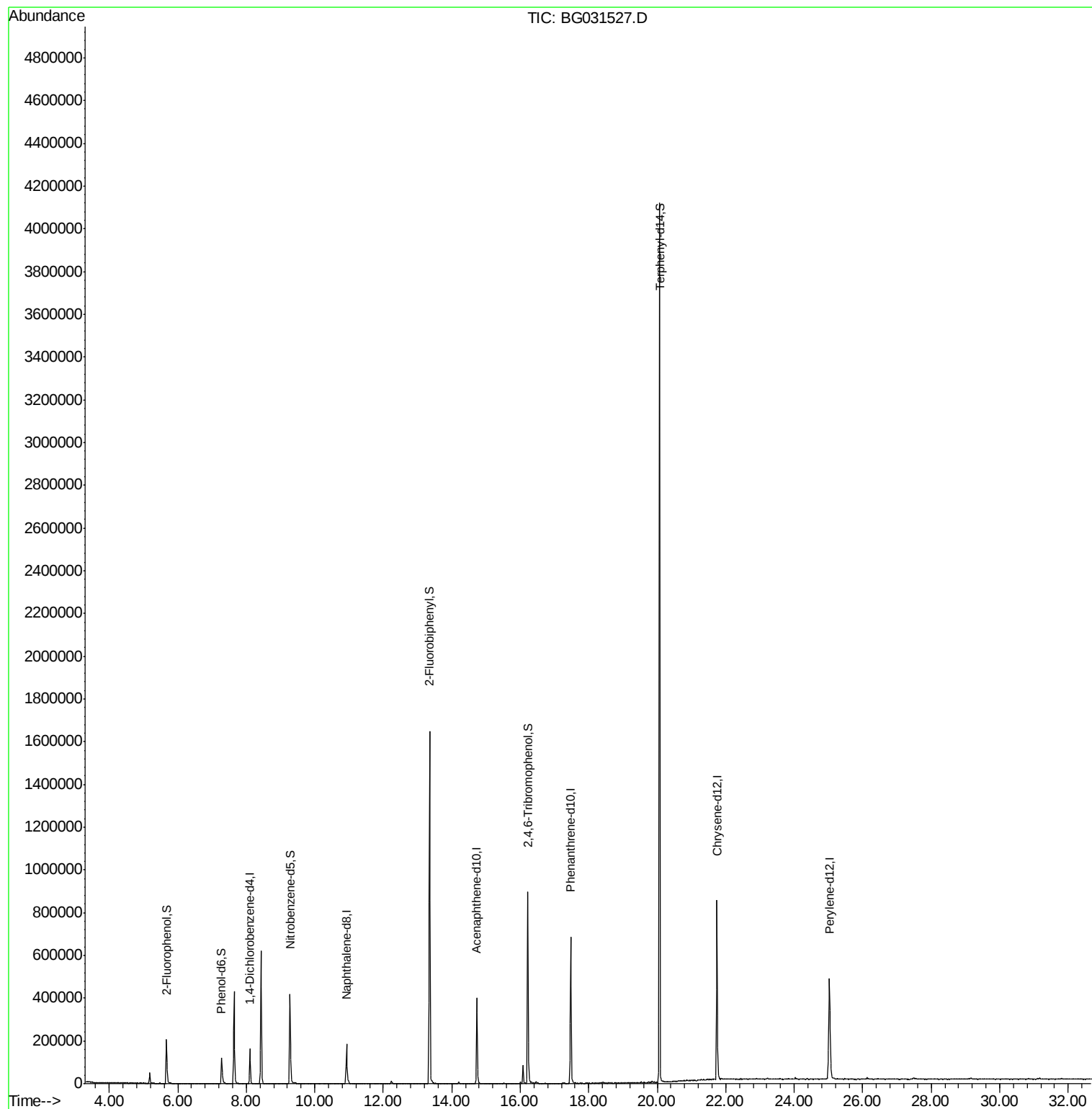
Target Compounds Qvalue

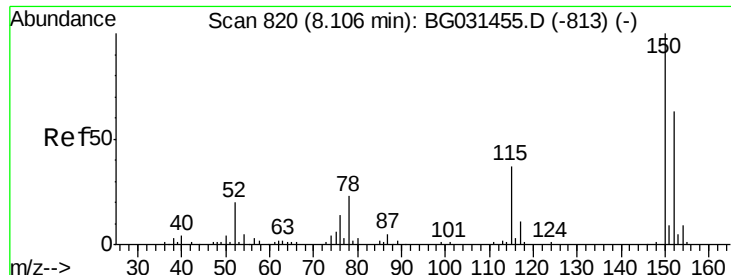
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
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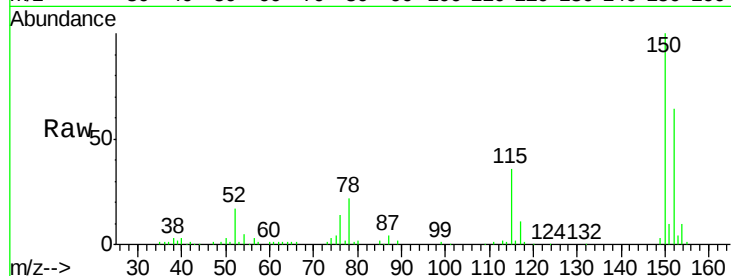


#1

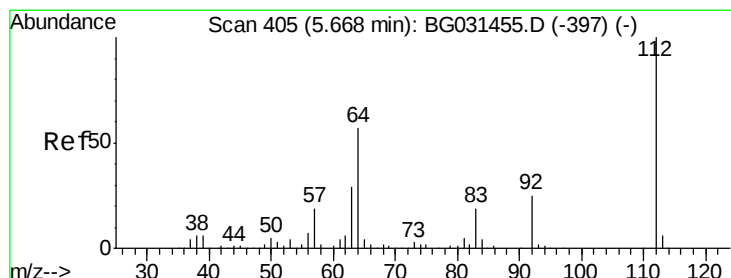
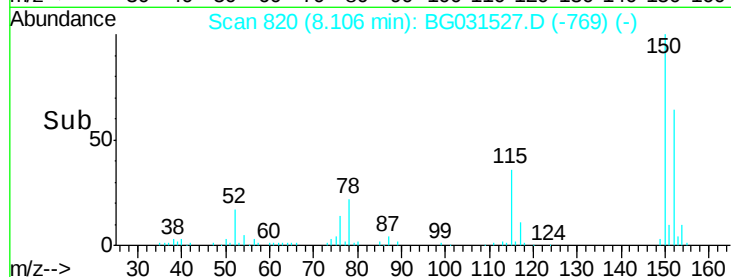
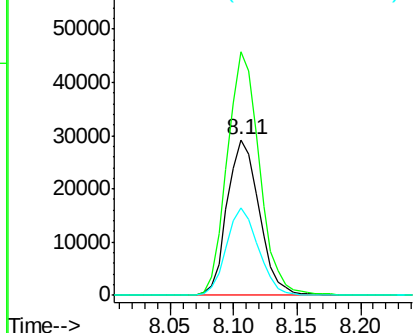
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031527.D
Acq: 13 Dec 2017 14:43

Instrument :
BNA_G
ClientSampleId :
120617-TIDO-F-D-S

Tot Ion:152 Resp: 51178
Ion Ratio Lower Upper
152 100
150 156.7 126.6 189.8
115 56.2 53.0 79.4



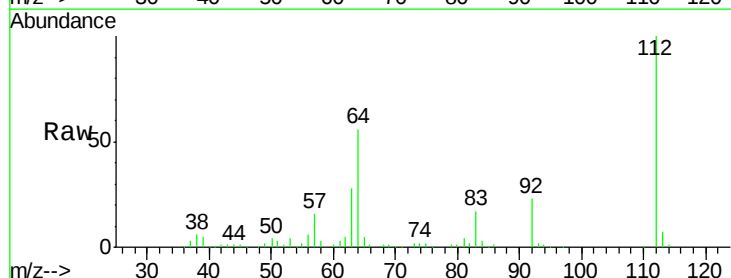
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



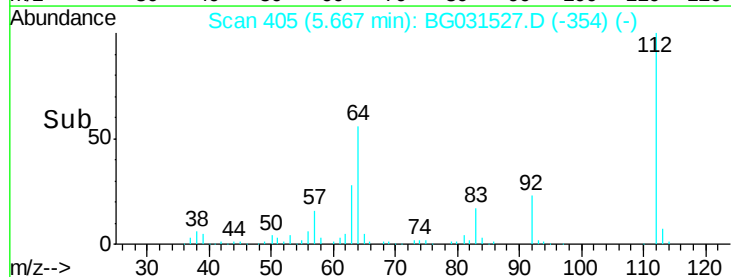
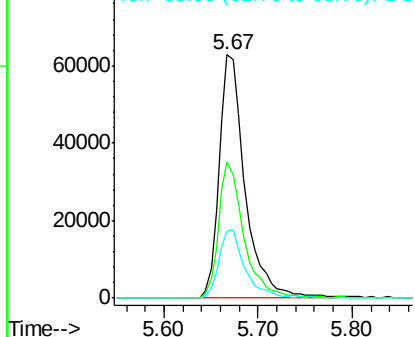
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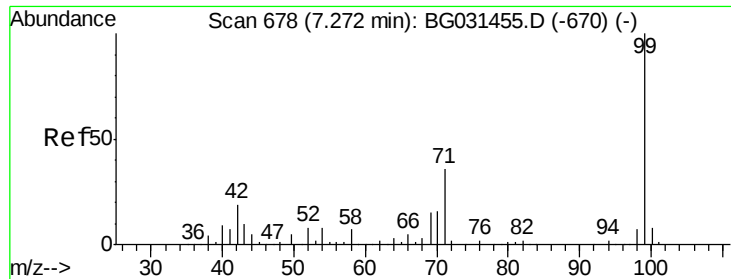
2-Fluorophenol
Concen: 41.983 ng
RT: 5.67 min Scan# 405
Delta R.T. 0.00 min
Lab File: BG031527.D
Acq: 13 Dec 2017 14:43

Tgt Ion:112 Resp: 121218
Ion Ratio Lower Upper
112 100
64 55.8 56.3 84.5#
63 27.5 30.1 45.1#



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





#7

Phenol-d6

Concen: 23.300 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.01 min

Lab File: BG031527.D

Acq: 13 Dec 2017 14:43

Instrument :

BNA_G

ClientSampleId :

120617-TIDO-F-D-S

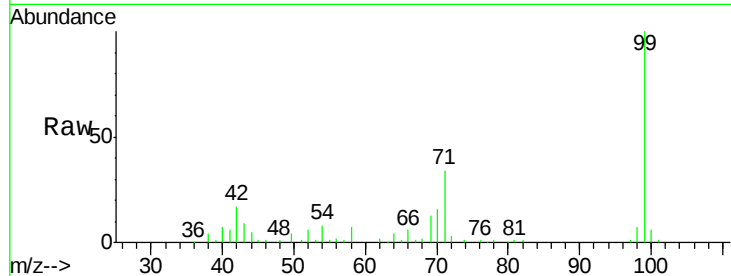
Tot Ion: 99 Resp: 93392

Ion Ratio Lower Upper

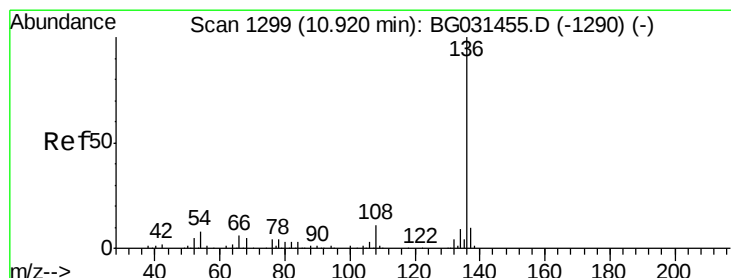
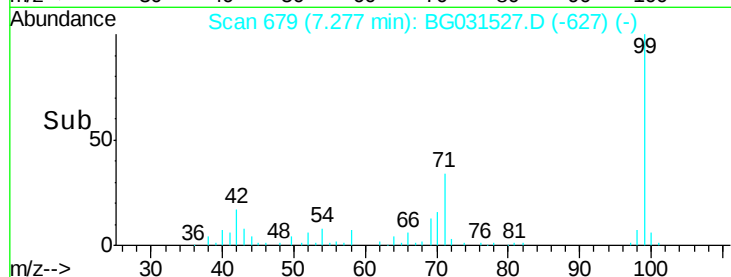
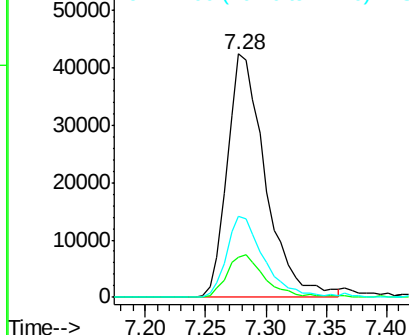
99 100

42 16.7 14.1 21.1

71 33.5 26.1 39.1



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: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031527.D

Acq: 13 Dec 2017 14:43

Tgt Ion: 136 Resp: 217304

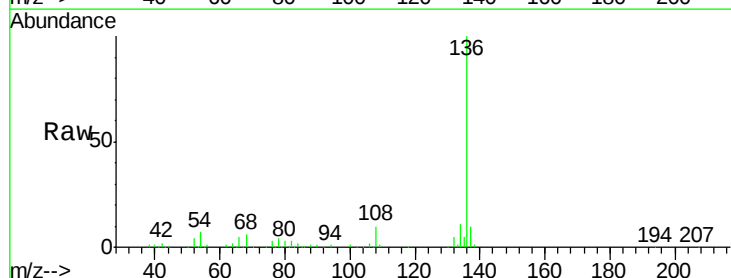
Ion Ratio Lower Upper

136 100

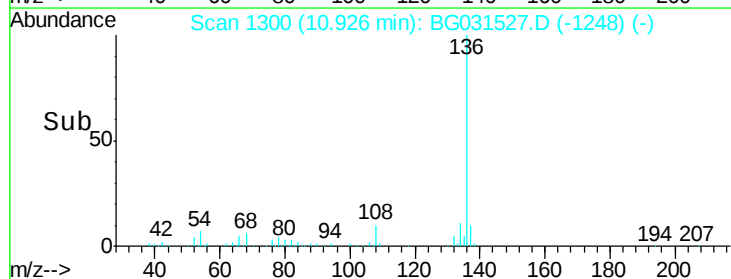
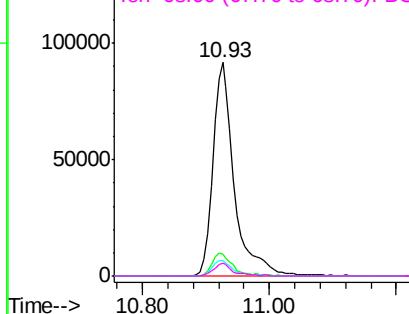
137 10.2 9.2 13.8

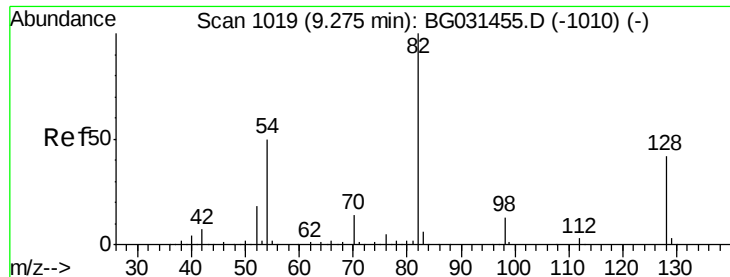
54 7.1 10.3 15.5#

68 6.2 4.5 6.7



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

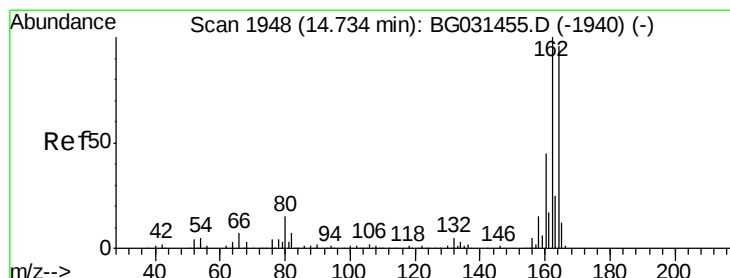
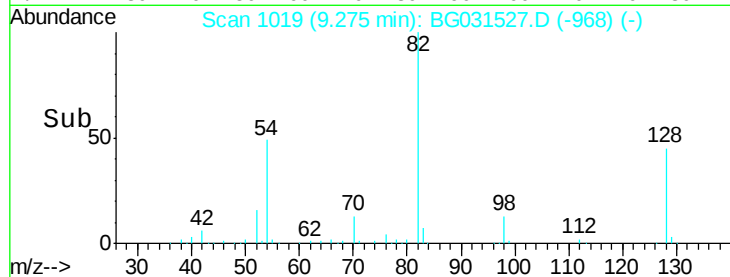
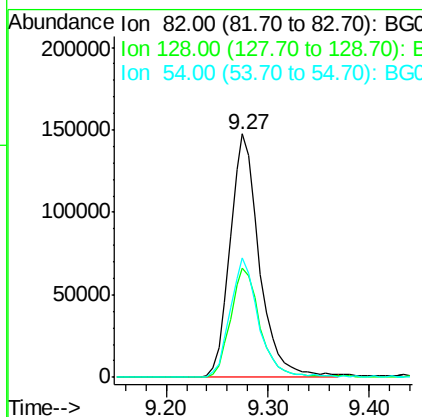
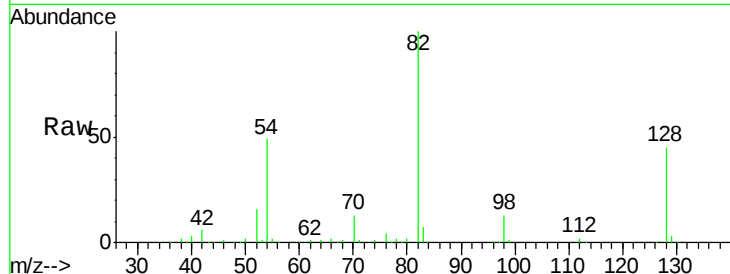




#23
 Nitrobenzene-d5
 Concen: 83.664 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG031527.D
 Acq: 13 Dec 2017 14:43

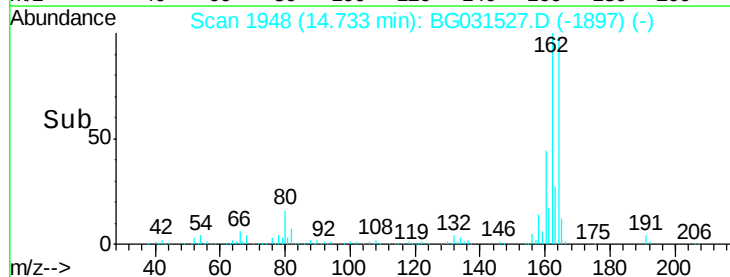
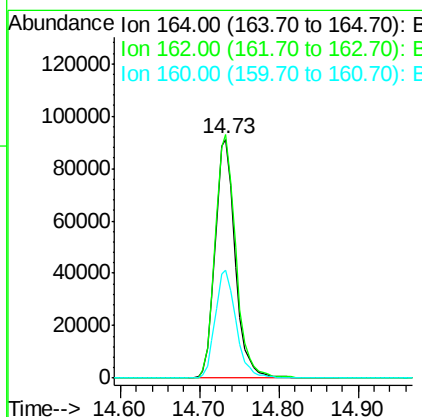
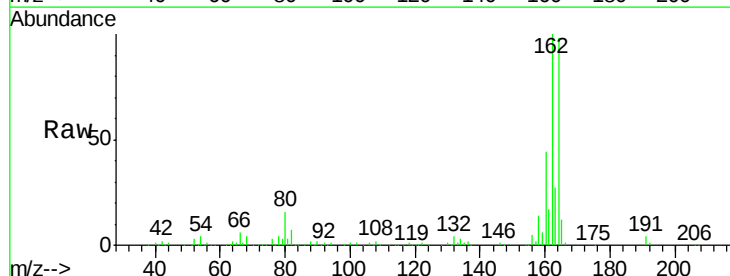
Instrument :
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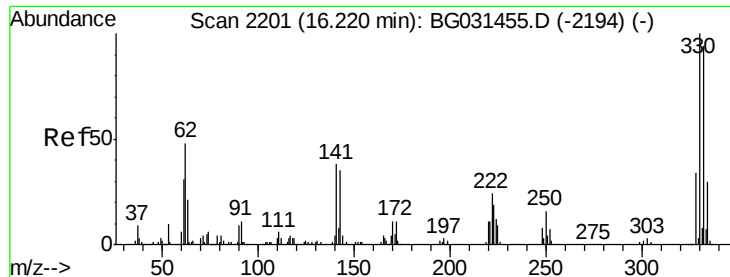
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	29.7	44.5#
54	48.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG031527.D
 Acq: 13 Dec 2017 14:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.8	118.2
160	45.0	35.4	53.0

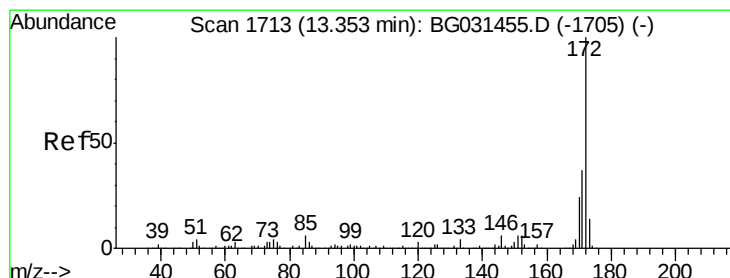
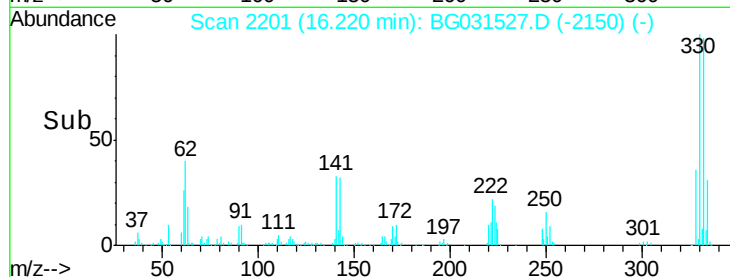
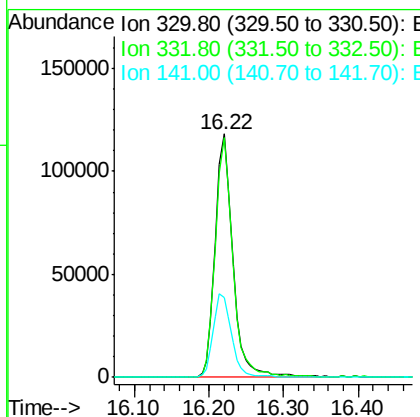
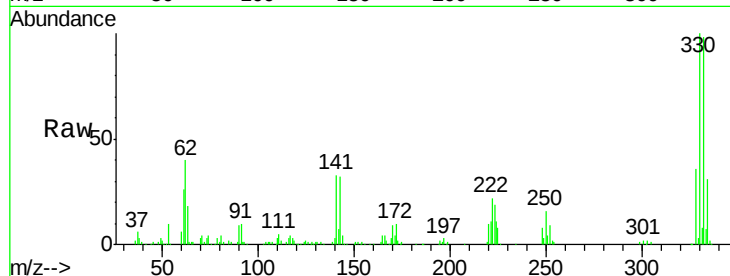




#41
 2,4,6-Tribromophenol
 Concen: 104.676 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031527.D
 Acq: 13 Dec 2017 14:43

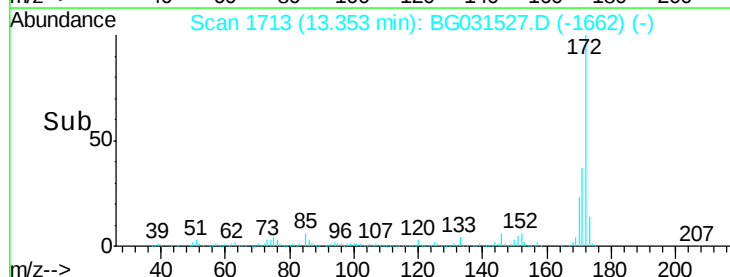
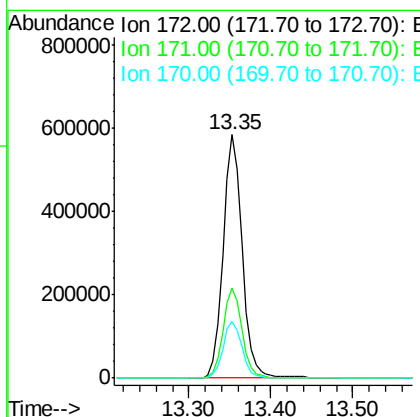
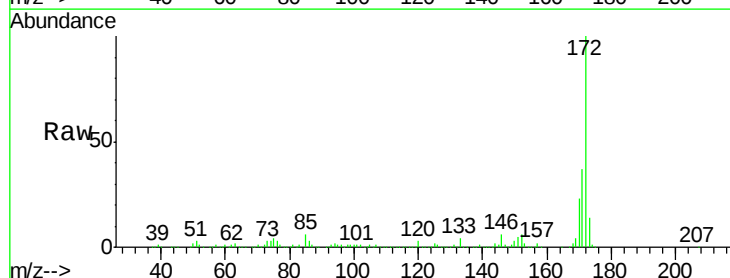
Instrument :
 BNA_G
 ClientSampleId :
 120617-TIDO-F-D-S

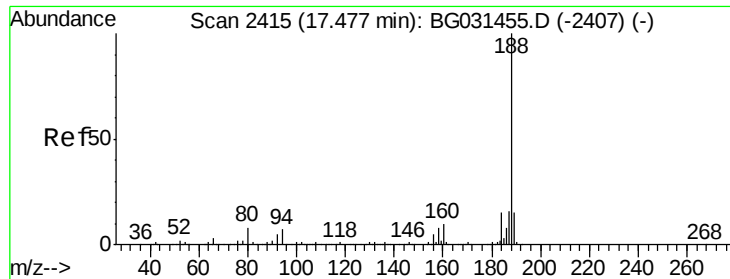
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	35.7	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 86.883 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031527.D
 Acq: 13 Dec 2017 14:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.4	19.5	29.3

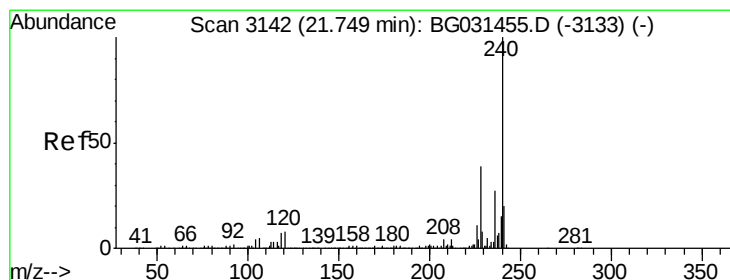
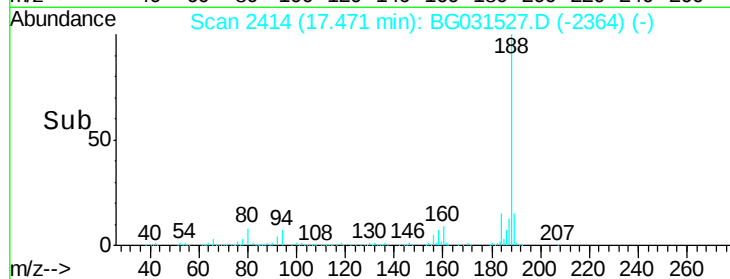
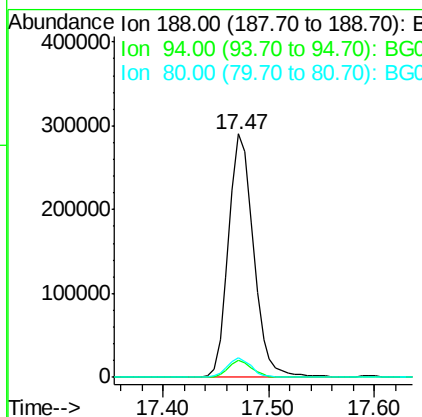
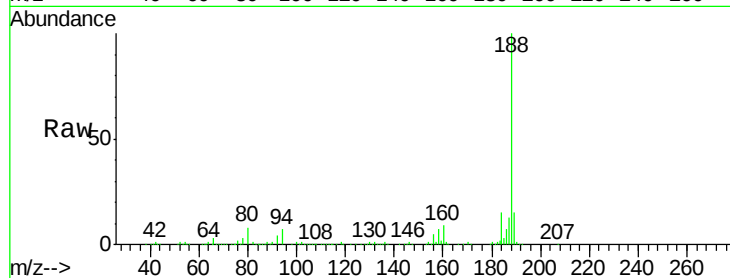




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031527.D
Acq: 13 Dec 2017 14:43

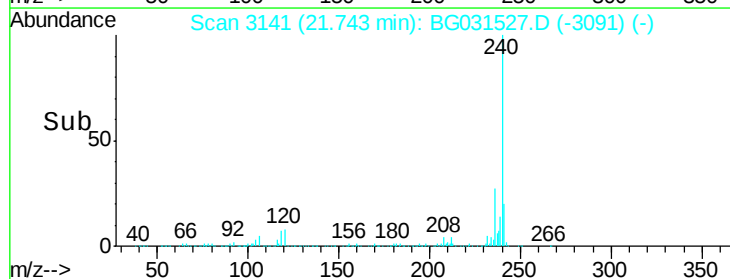
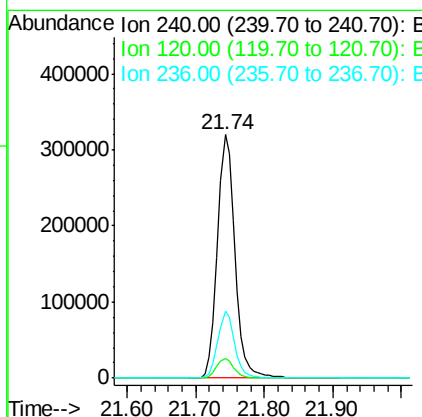
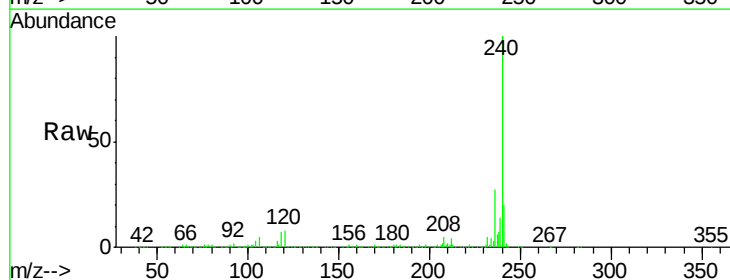
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BNA_G
ClientSampleId :
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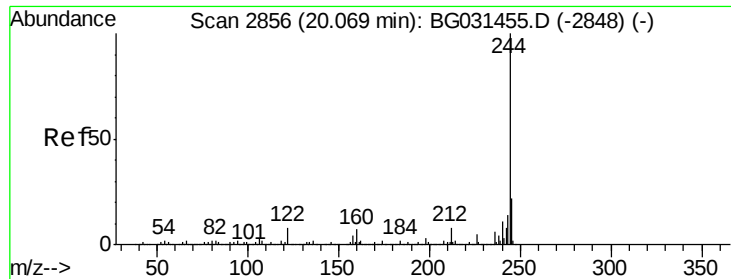
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.9	10.3
80	8.2	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031527.D
Acq: 13 Dec 2017 14:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.8	10.2
236	27.3	20.9	31.3





#78

Terphenyl-d14

Concen: 74.396 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031527.D

Acq: 13 Dec 2017 14:43

Instrument :

BNA_G

ClientSampleId :

120617-TIDO-F-D-S

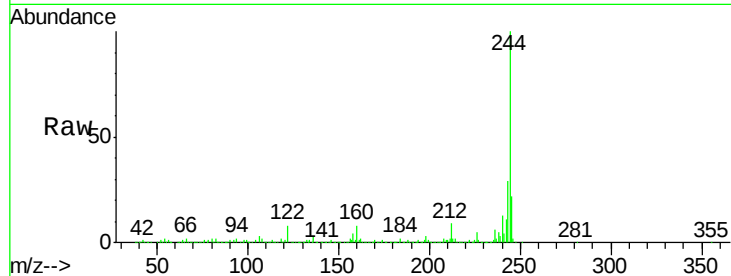
Tot Ion:244 Resp: 1846748

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

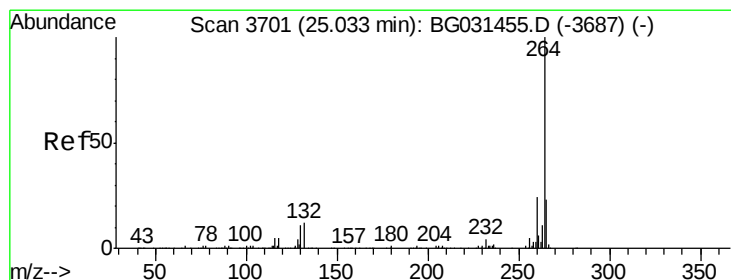
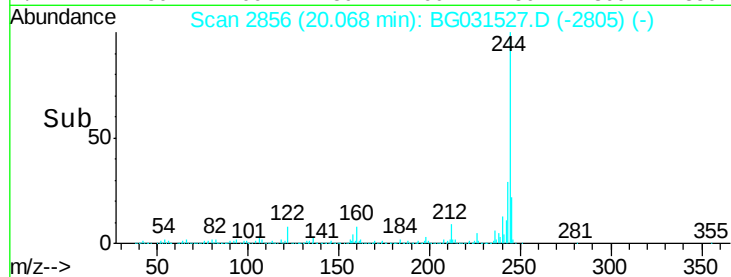
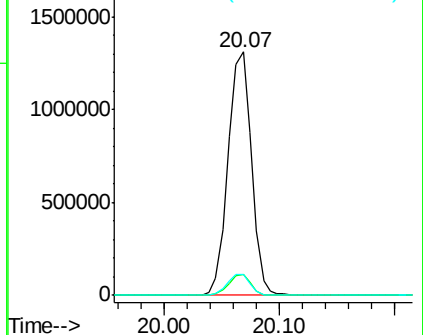
122 8.4 7.0 10.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3700

Delta R.T. -0.01 min

Lab File: BG031527.D

Acq: 13 Dec 2017 14:43

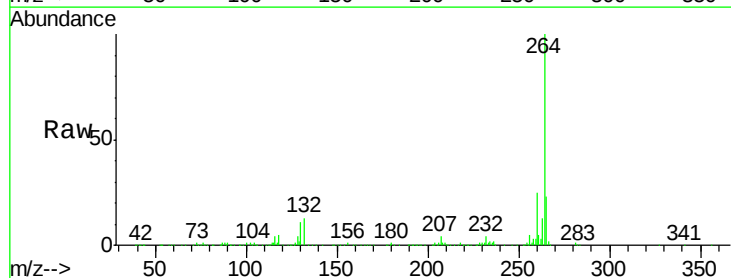
Tgt Ion:264 Resp: 544491

Ion Ratio Lower Upper

264 100

260 25.1 17.4 26.0

265 22.5 17.7 26.5



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

