

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042619\
 Data File : BG040628.D
 Acq On : 26 Apr 2019 14:19
 Operator : JU/SJ
 Sample : K2582-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSSI-0419-S-DH-6-T

Quant Time: Apr 29 06:49:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

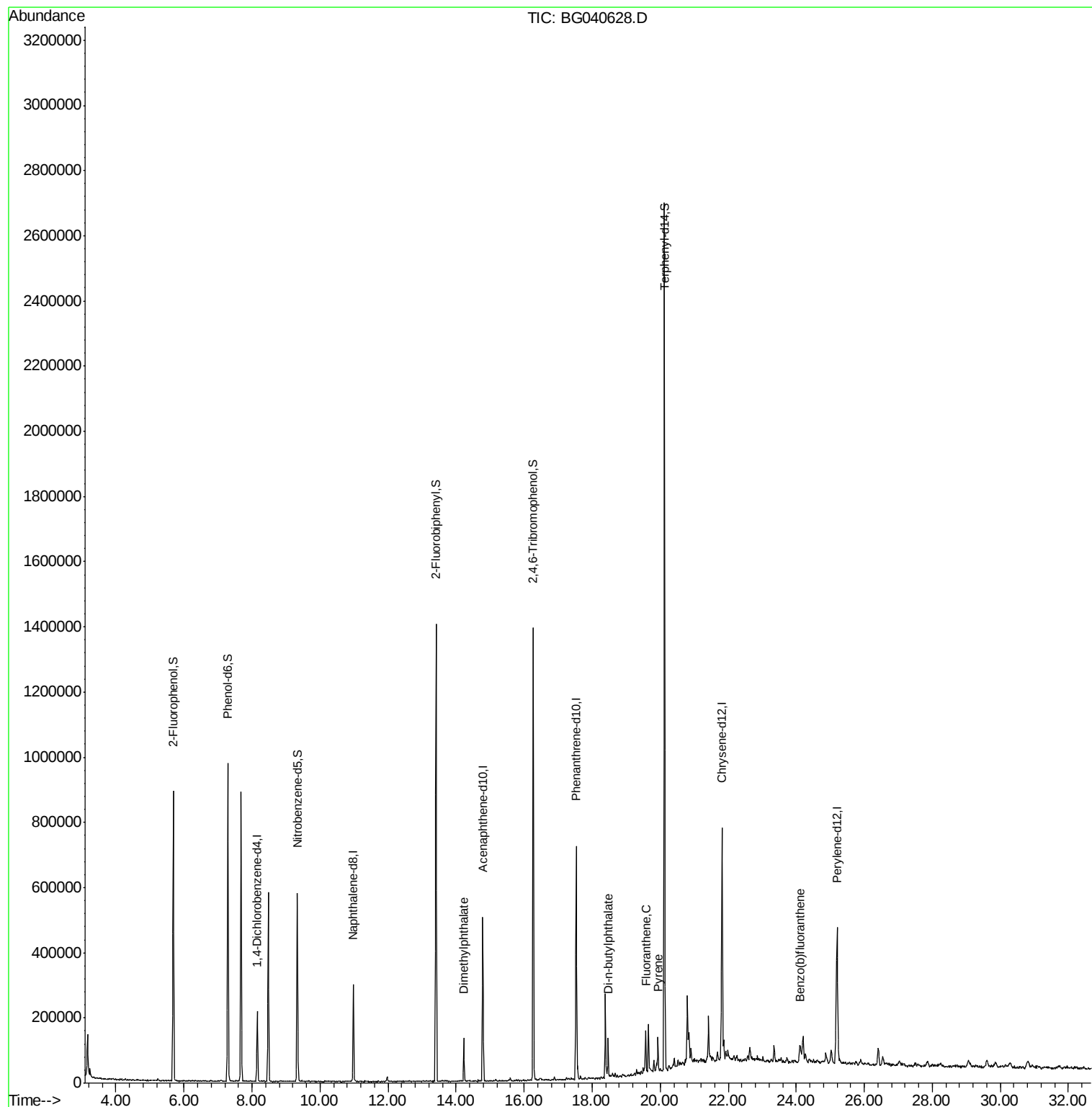
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	52720	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	225961	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	167335	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	413559	20.00	ng	0.00
76) Chrysene-d12	21.82	240	405314	20.00	ng	0.00
87) Perylene-d12	25.19	264	434732	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	302662	101.20	ng	0.00
7) Phenol-d6	7.29	99	484188	105.15	ng	0.00
23) Nitrobenzene-d5	9.33	82	335377	68.58	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	234012	101.74	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	677275	58.45	ng	0.00
79) Terphenyl-d14	20.13	244	1149310	62.82	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.23	163	76591	5.471	ng	99
74) Di-n-butylphthalate	18.47	149	73556	2.987	ng	100
75) Fluoranthene	19.57	202	73614	2.652	ng	97
78) Pyrene	19.93	202	72139	2.840	ng	98
88) Benzo(b)fluoranthene	24.12	252	69471	2.615	ng	99

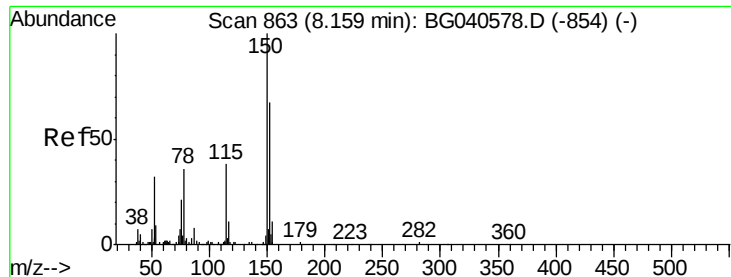
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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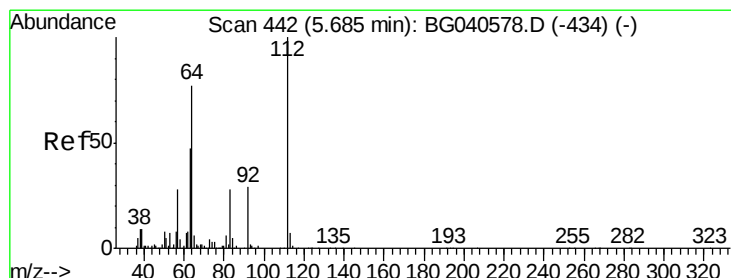
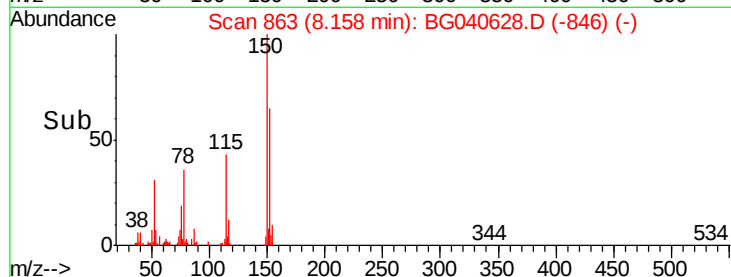
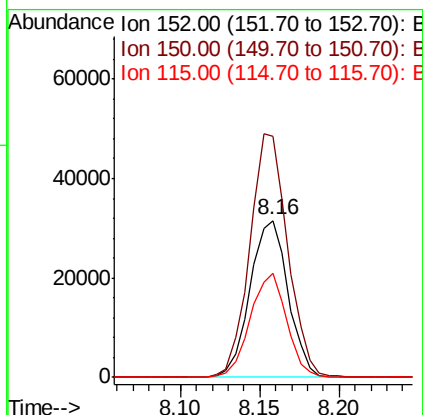
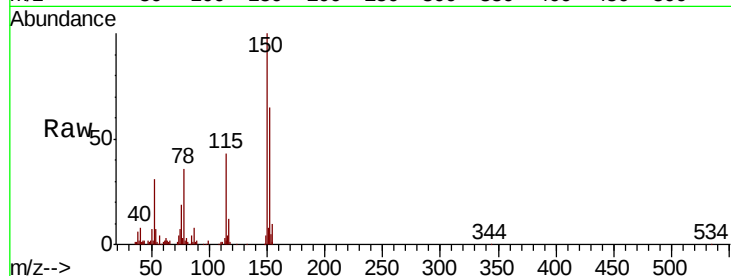


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Instrument :
BNA_G
ClientSampleId :
SSSI-0419-S-DH-6-T

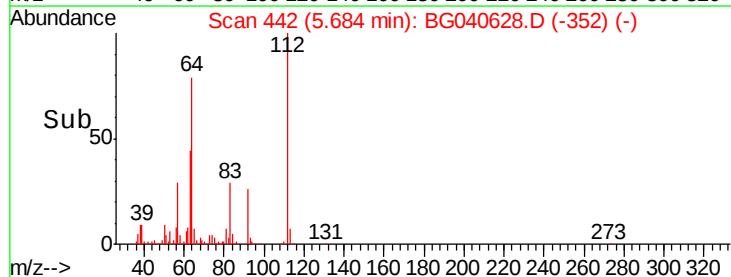
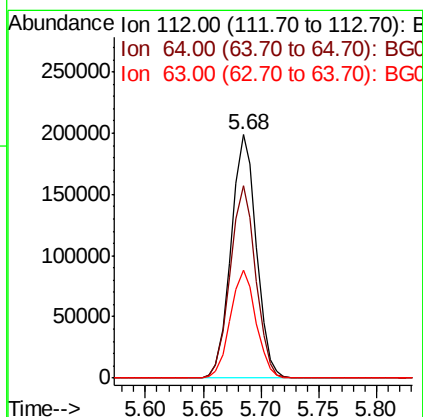
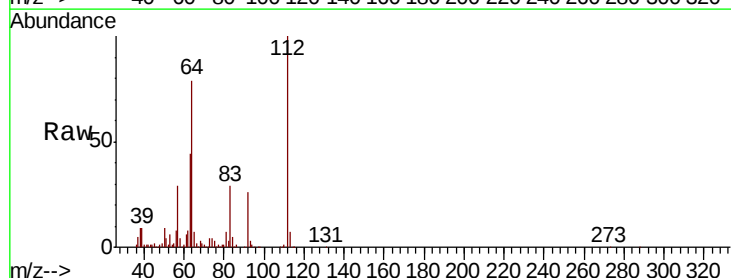
Tgt Ion:152 Resp: 52720
Ion Ratio Lower Upper
152 100
150 153.5 120.2 180.2
115 66.1 46.2 69.2

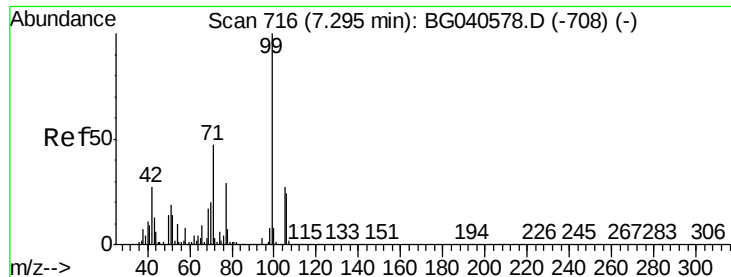


#5

2-Fluorophenol
Concen: 101.199 ng
RT: 5.68 min Scan# 442
Delta R.T. 0.00 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Tgt Ion:112 Resp: 302662
Ion Ratio Lower Upper
112 100
64 79.1 61.4 92.0
63 44.5 37.8 56.6





#7

Phenol-d6

Concen: 105.146 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG040628.D

Acq: 26 Apr 2019 14:19

Instrument :

BNA_G

ClientSampleId :

SSSI-0419-S-DH-6-T

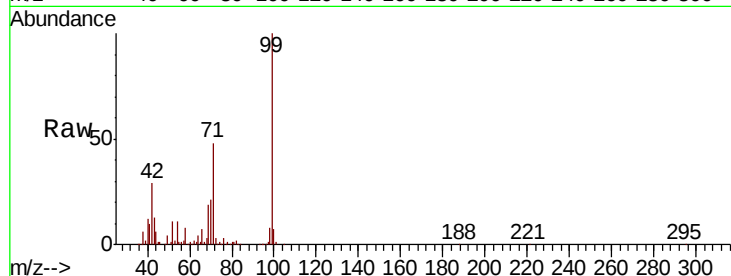
Tgt Ion: 99 Resp: 484188

Ion Ratio Lower Upper

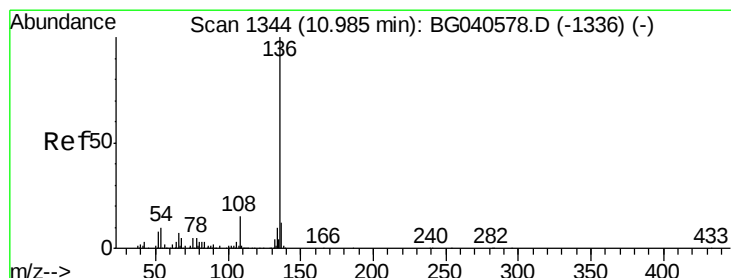
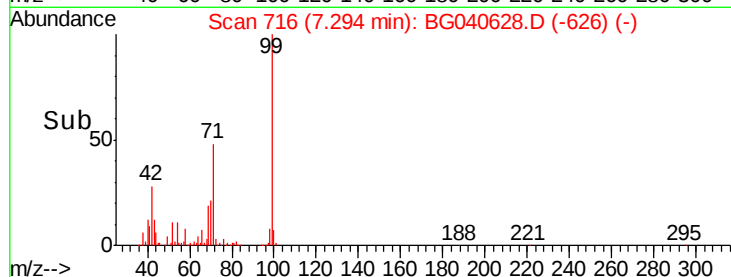
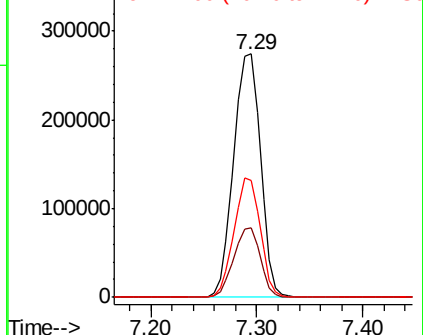
99 100

42 28.5 21.8 32.8

71 47.9 38.6 57.8



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: 10.98 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BG040628.D

Acq: 26 Apr 2019 14:19

Tgt Ion: 136 Resp: 225961

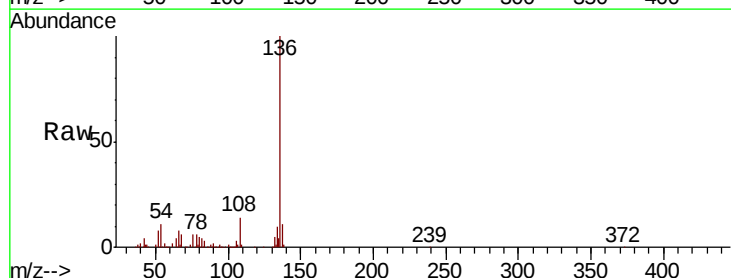
Ion Ratio Lower Upper

136 100

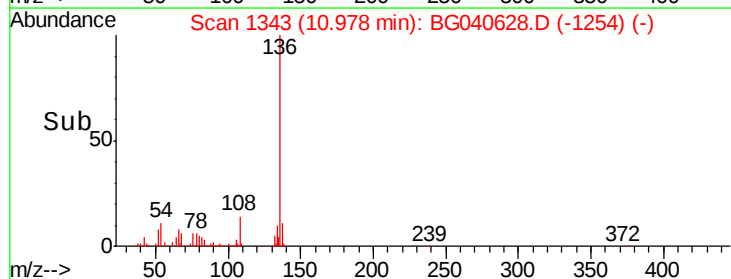
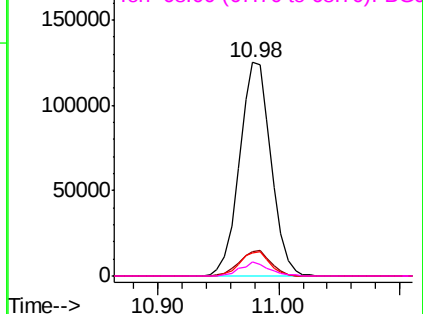
137 11.3 9.7 14.5

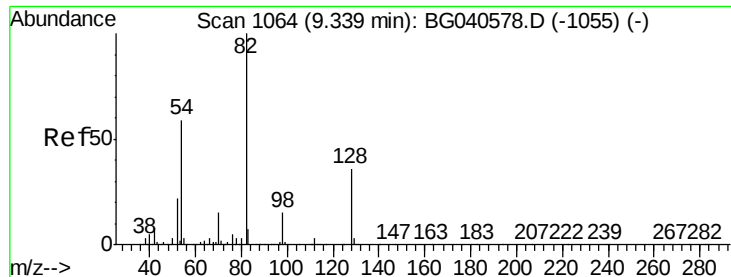
54 11.0 8.6 12.8

68 6.4 4.8 7.2



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

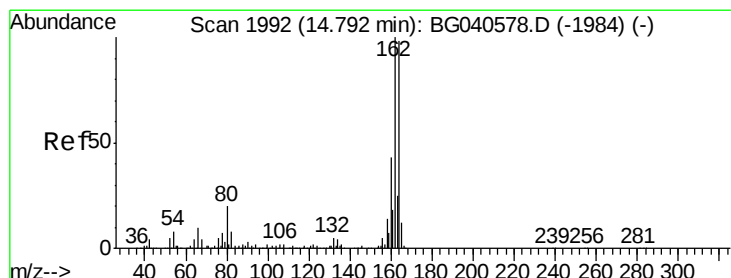
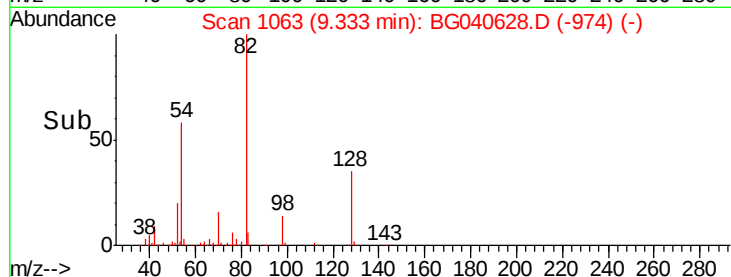
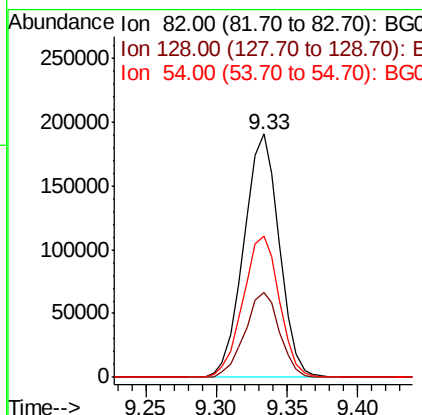
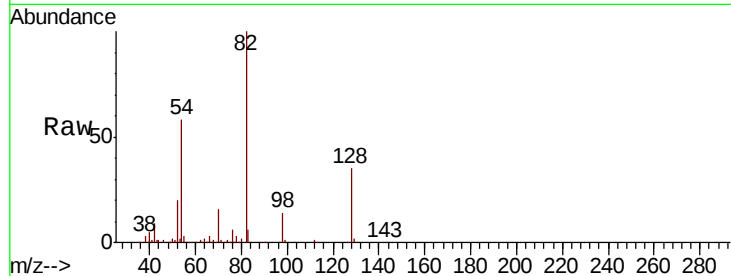




#23
Nitrobenzene-d5
Concen: 68.580 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

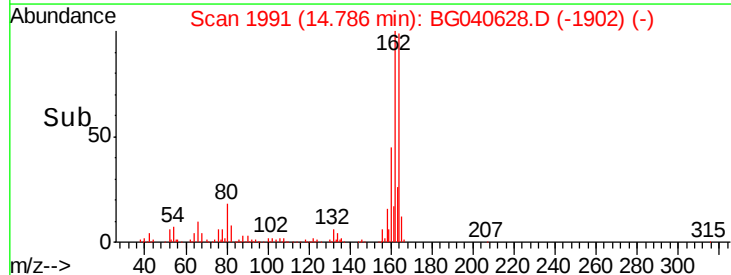
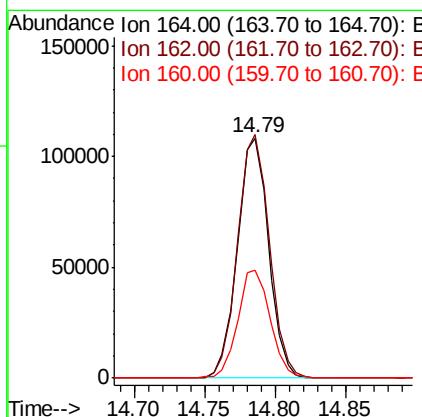
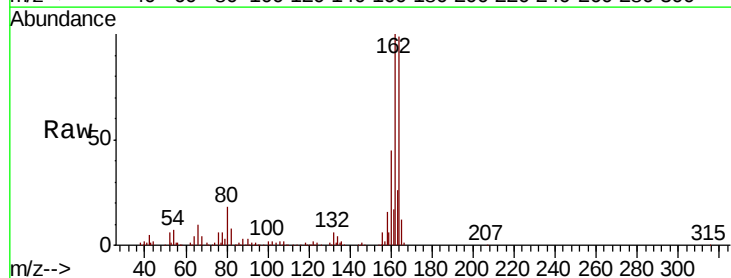
Instrument :
BNA_G
ClientSampleId :
SSSI-0419-S-DH-6-T

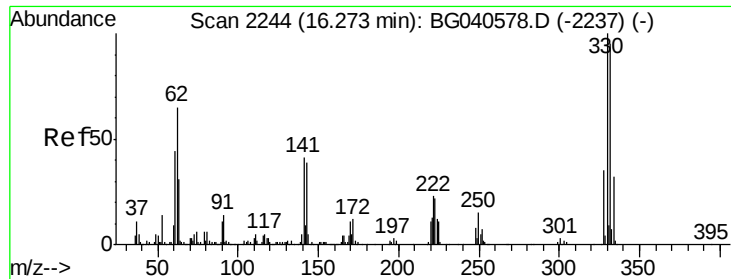
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.6	28.9	43.3
54	58.0	47.2	70.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	81.9	122.9
160	45.2	35.4	53.2

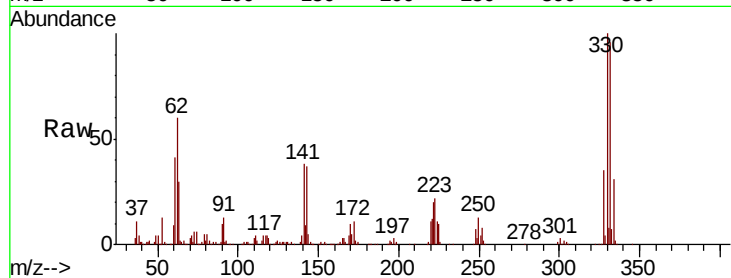




#42
 2,4,6-Tribromophenol
 Concen: 101.742 ng
 RT: 16.27 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BG040628.D
 Acq: 26 Apr 2019 14:19

Instrument :
 BNA_G
 ClientSampleId :
 SSSI-0419-S-DH-6-T

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	75.9	113.9
141	42.0	32.4	48.6

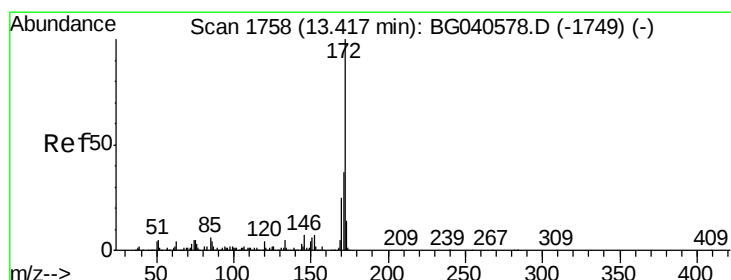
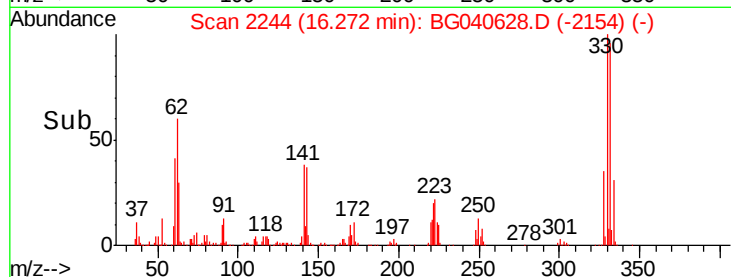
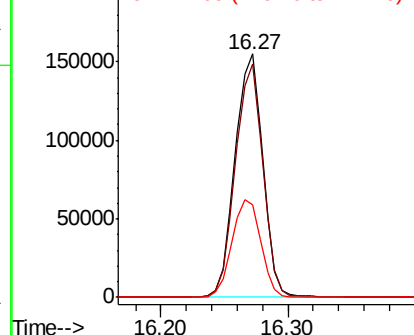


Abundance

Ion 329.80 (329.50 to 330.50): E

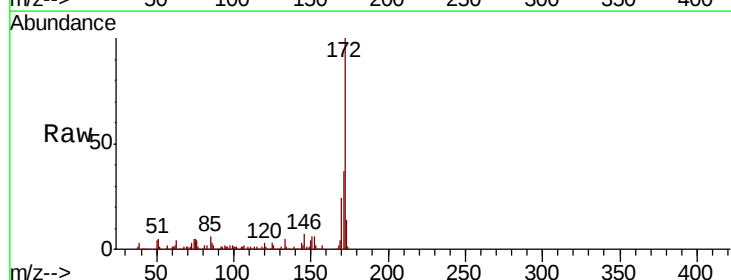
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 58.453 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: BG040628.D
 Acq: 26 Apr 2019 14:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.2
170	23.9	19.9	29.9

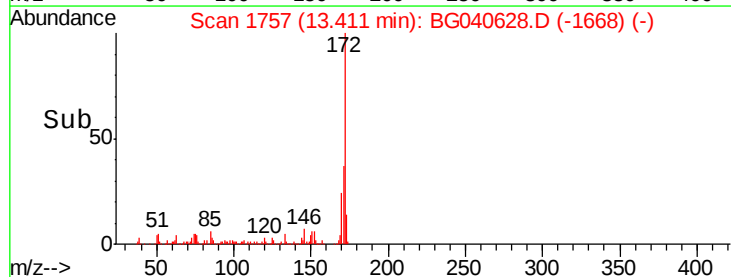
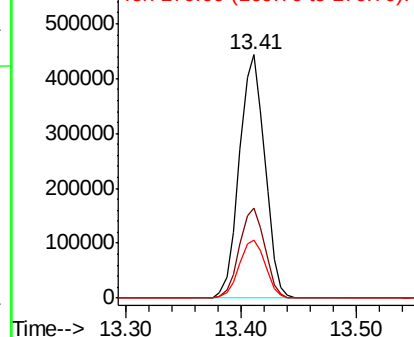


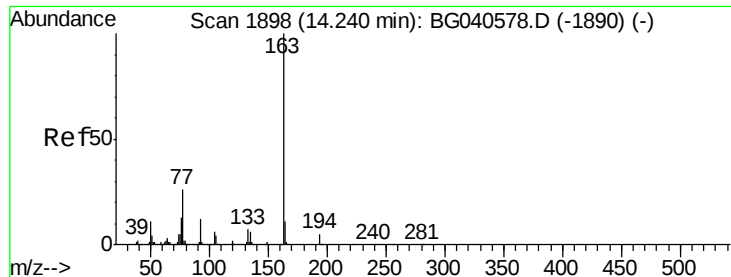
Abundance

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: 5.471 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG040628.D

Acq: 26 Apr 2019 14:19

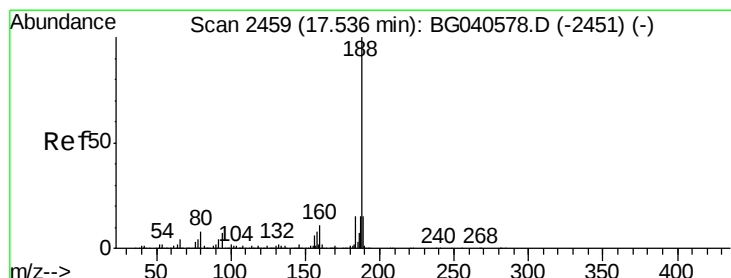
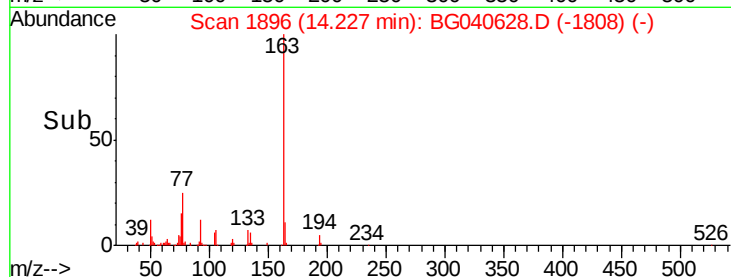
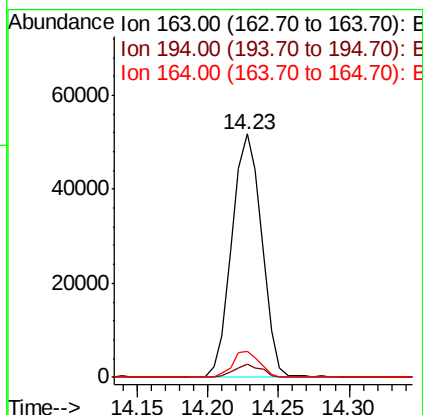
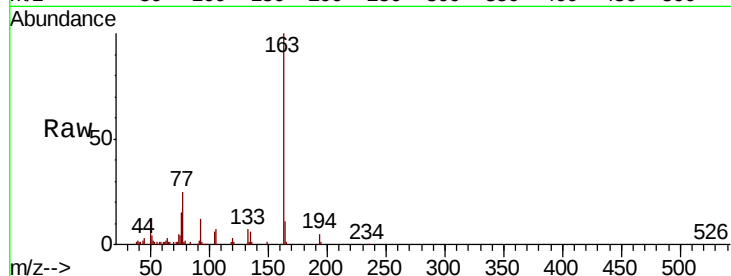
Instrument :

BNA_G

ClientSampleId :

SSSI-0419-S-DH-6-T

Tgt Ion:	163	Resp:	76591
Ion Ratio	Lower	Upper	
163	100		
194	5.2	3.8	5.8
164	10.6	8.8	13.2



#64

Phenanthrene-d10

Concen: 20.000 ng

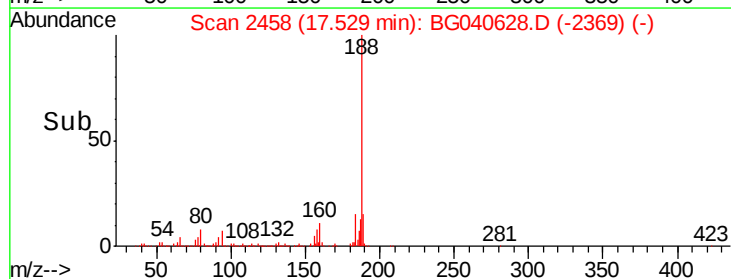
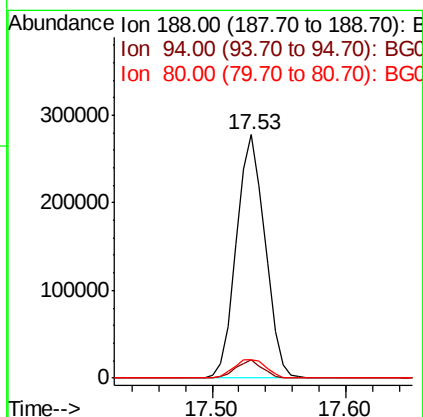
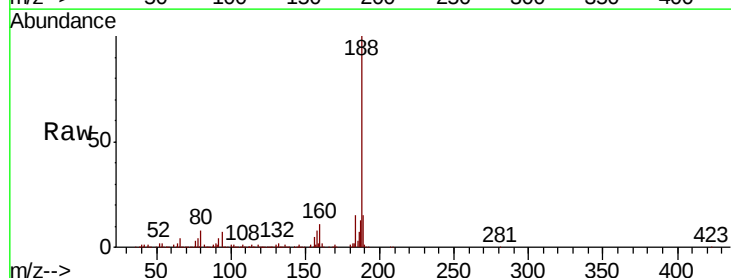
RT: 17.53 min Scan# 2458

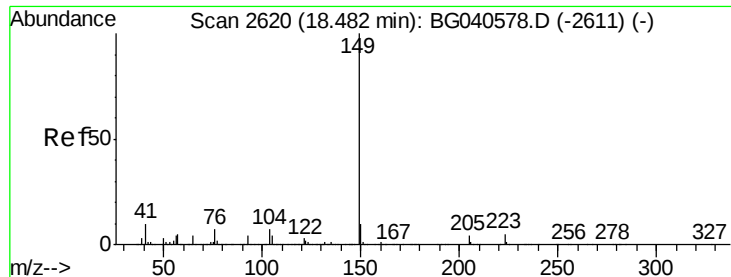
Delta R.T. -0.01 min

Lab File: BG040628.D

Acq: 26 Apr 2019 14:19

Tgt Ion:	188	Resp:	413559
Ion Ratio	Lower	Upper	
188	100		
94	7.4	5.6	8.4
80	7.7	6.4	9.6

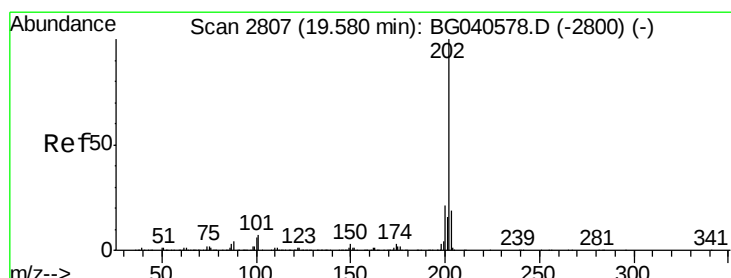
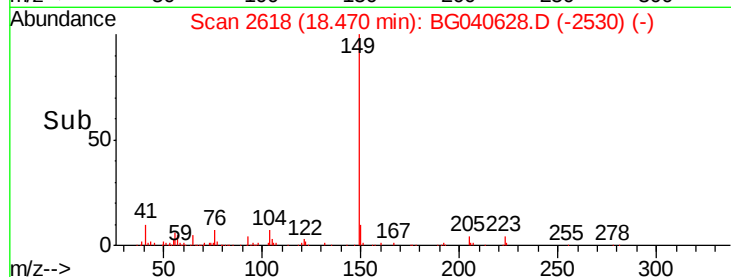
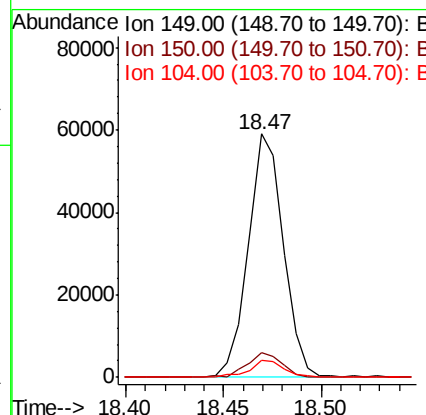
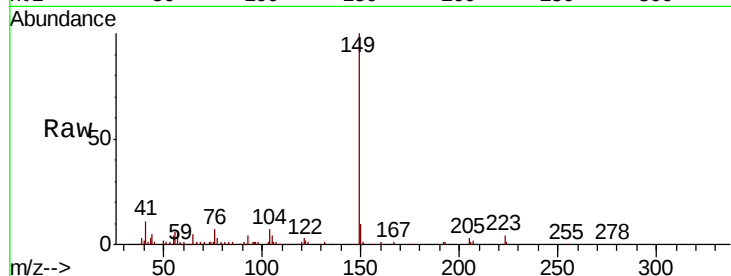




#74
Di-n-butylphthalate
Concen: 2.987 ng
RT: 18.47 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

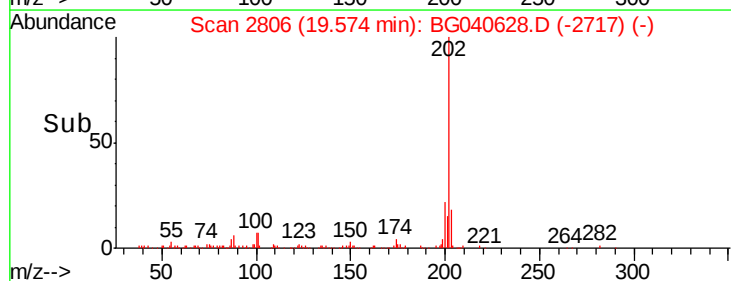
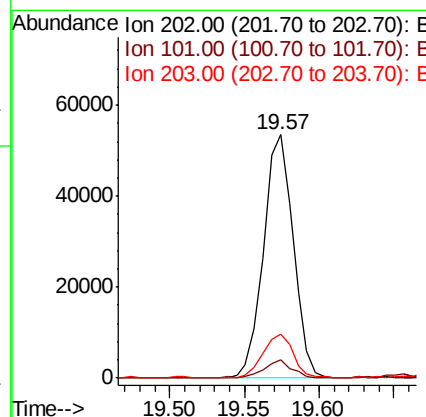
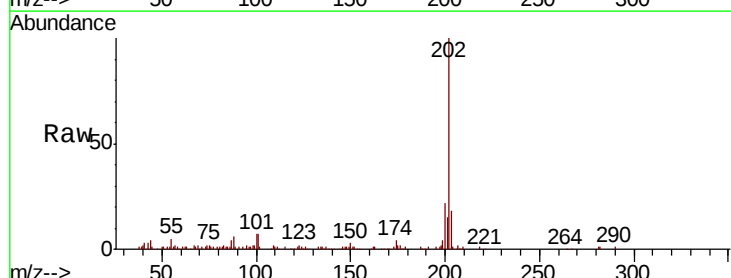
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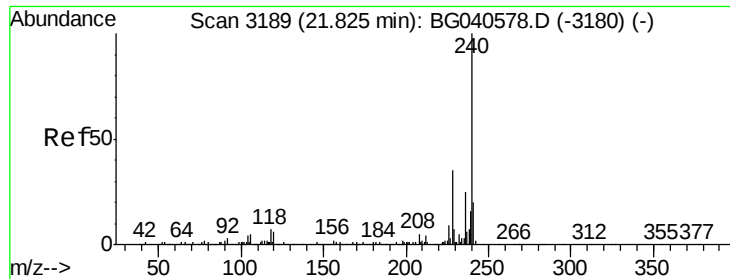
Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	6.8	5.4	8.2



#75
Fluoranthene
Concen: 2.652 ng
RT: 19.57 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	27.5
203	17.9	0.0	39.3

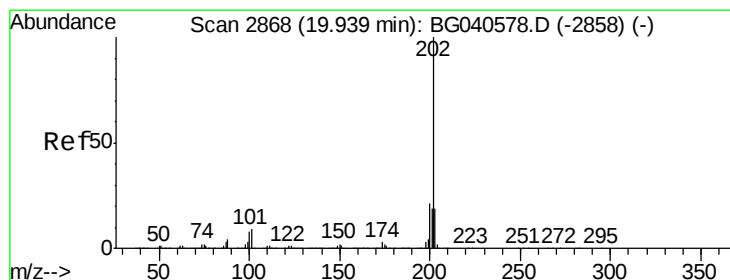
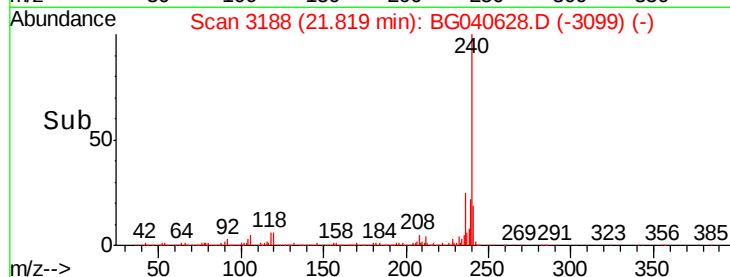
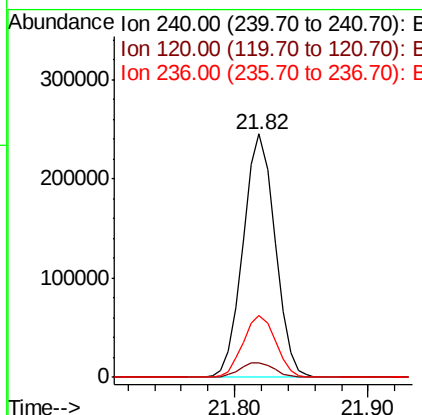
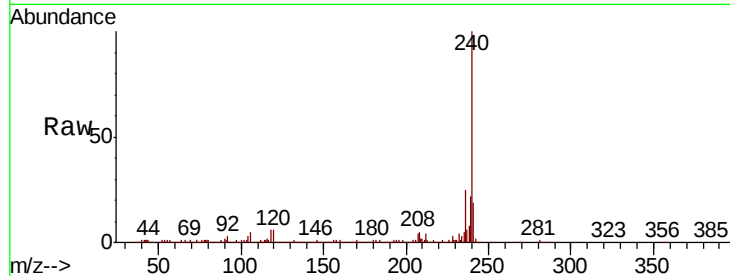




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

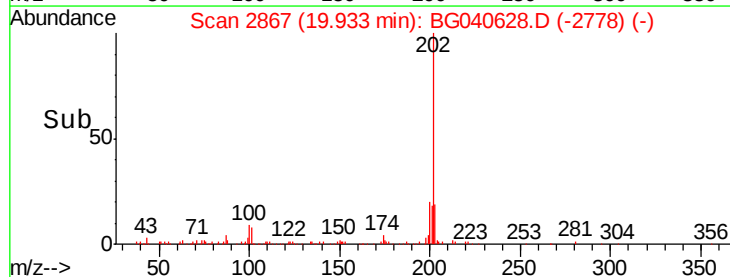
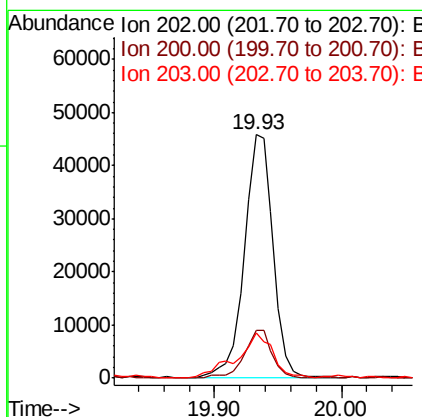
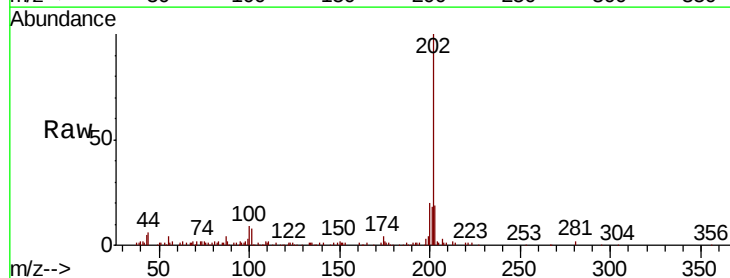
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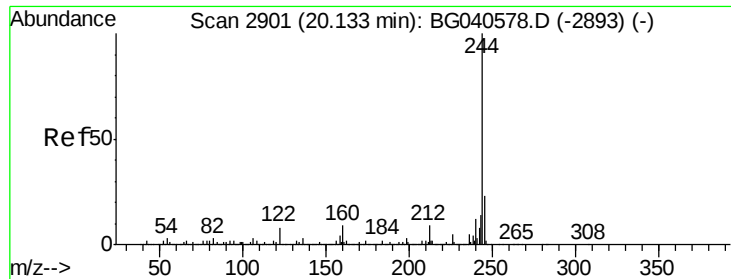
Tgt Ion: 240 Resp: 405314
Ion Ratio Lower Upper
240 100
120 6.1 5.0 7.6
236 25.3 20.3 30.5



#78
Pyrene
Concen: 2.840 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BG040628.D
Acq: 26 Apr 2019 14:19

Tgt Ion: 202 Resp: 72139
Ion Ratio Lower Upper
202 100
200 19.9 17.2 25.8
203 18.5 15.0 22.4





#79

Terphenyl-d14

Concen: 62.821 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.01 min

Lab File: BG040628.D

Acq: 26 Apr 2019 14:19

Instrument :

BNA_G

ClientSampleId :

SSSI-0419-S-DH-6-T

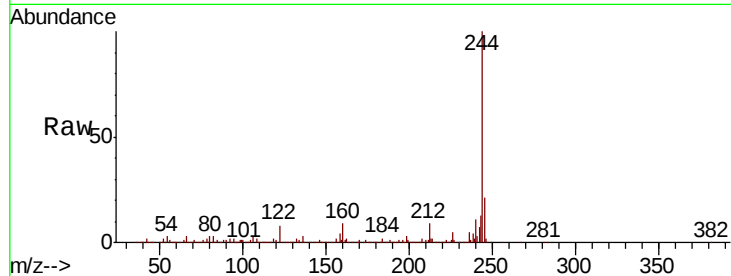
Tgt Ion:244 Resp: 1149310

Ion Ratio Lower Upper

244 100

212 8.7 7.2 10.8

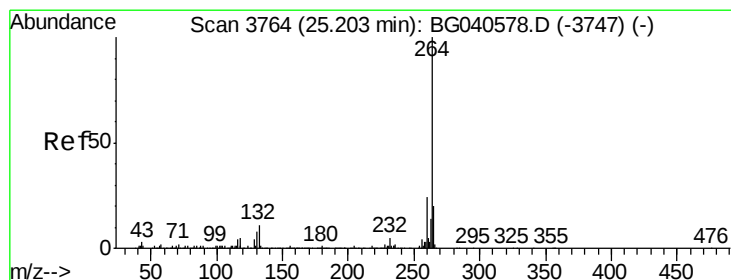
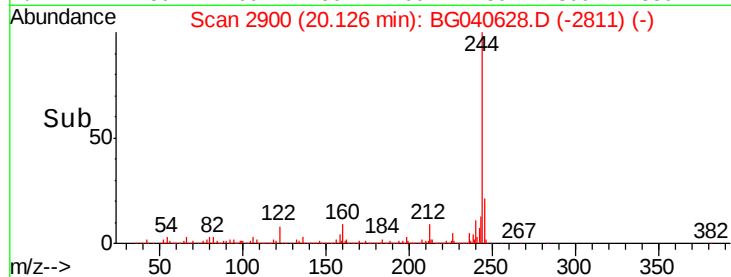
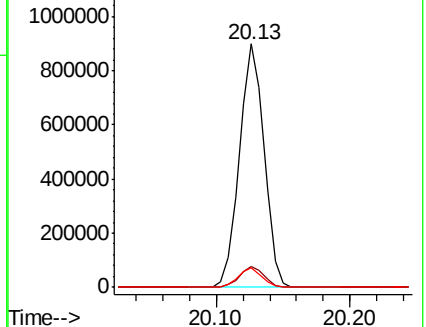
122 7.9 6.6 10.0



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: 25.19 min Scan# 3762

Delta R.T. -0.01 min

Lab File: BG040628.D

Acq: 26 Apr 2019 14:19

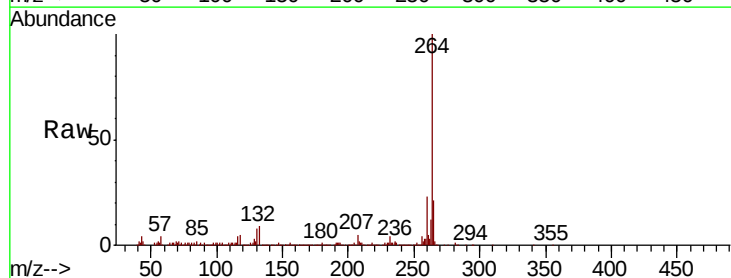
Tgt Ion:264 Resp: 434732

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

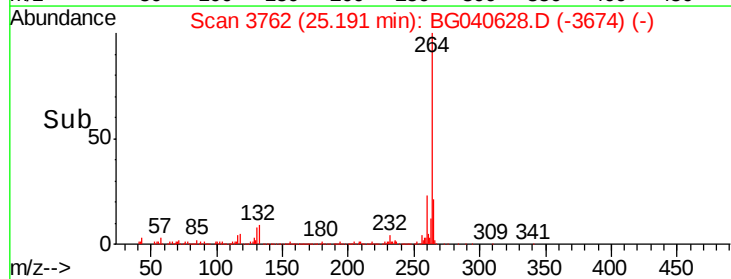
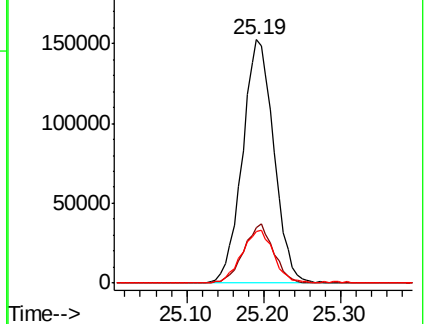
265 21.2 16.6 25.0

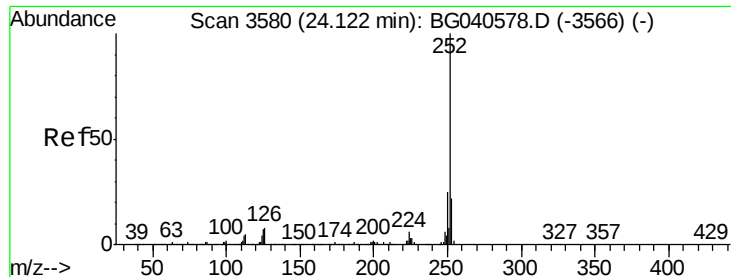


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.615 ng

RT: 24.12 min Scan# 3580

Delta R.T. -0.00 min

Lab File: BG040628.D

Acq: 26 Apr 2019 14:19

Instrument :

BNA_G

ClientSampleId :

SSSI-0419-S-DH-6-T

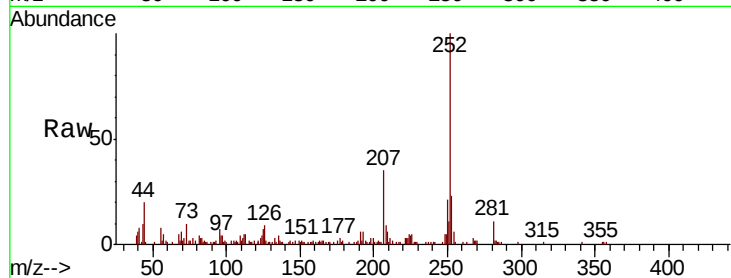
Tgt Ion: 252 Resp: 69471

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

125 6.5 5.4 8.0



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

