

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
 Data File : BG028920.D
 Acq On : 25 Sep 2017 23:13
 Operator : SJ/JU
 Sample : I5380-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-092217

Manual Integrations
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Sohil
 9/26/2017 8:42:39 AM

Quant Time: Sep 26 02:44:13 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	26640	20.00	ng	-0.05
21) Naphthalene-d8	11.10	136	106859	20.00	ng	-0.05
38) Acenaphthene-d10	14.90	164	77582	20.00	ng	-0.05
63) Phenanthrene-d10	17.65	188	233564	20.00	ng	-0.05
75) Chrysene-d12	21.97	240	286162	20.00	ng	-0.06
86) Perylene-d12	25.42	264	291624	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	53650	33.23	ng	-0.05
7) Phenol-d6	7.44	99	230296	94.74	ng	-0.05
23) Nitrobenzene-d5	9.45	82	238387	106.72	ng	-0.05
41) 2,4,6-Tribromophenol	16.39	330	198284	154.53	ng	-0.05
44) 2-Fluorobiphenyl	13.52	172	611676	105.13	ng	-0.05
78) Terphenyl-d14	20.23	244	1493535	111.30	ng	-0.05
Target Compounds						
31) Naphthalene	11.15	128	50274	9.008	ng	98
70) Phenanthrene	17.69	178	35031	2.933	ng	96
72) Carbazole	18.06	167	23624	2.174	ng	92

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

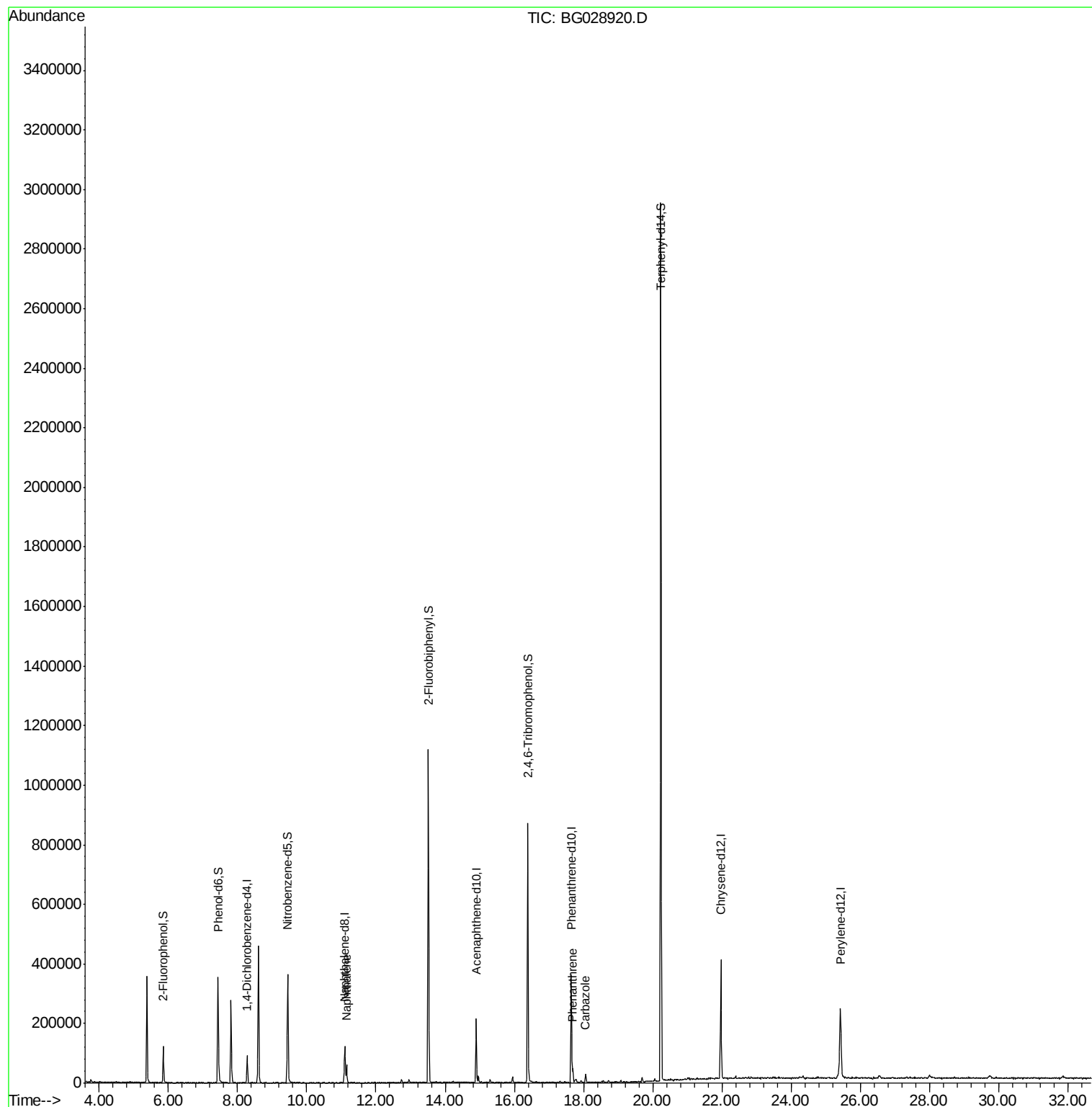
Data Path : Z:\HPCHEM1\BNA G\DATA\BG092517\
Data File : BG028920.D
Acq On : 25 Sep 2017 23:13
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#1

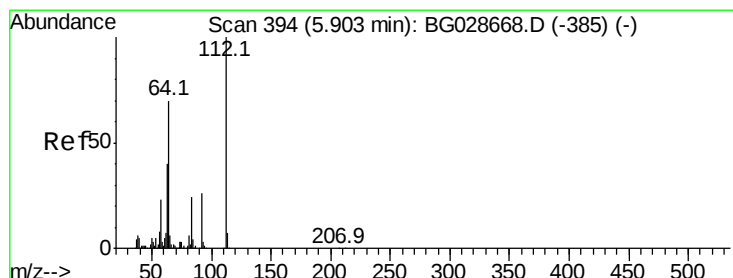
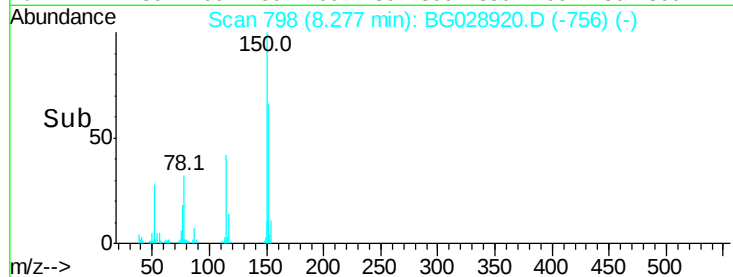
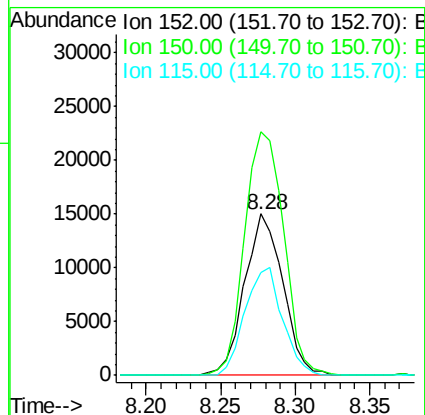
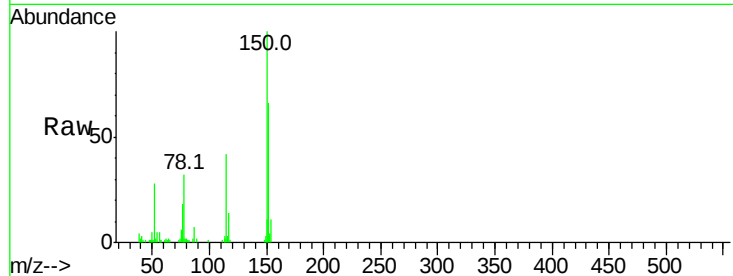
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 798
Delta R.T. -0.05 min
Lab File: BG028920.D
Acq: 25 Sep 2017 23:13

Instrument :
BNA_G
ClientSampleId :
SU-04-092217

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	114.0	171.0
115	63.6	48.1	72.1

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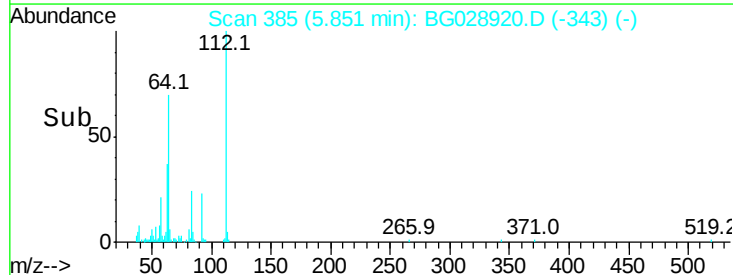
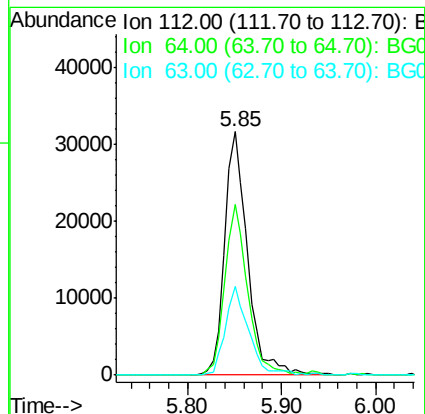
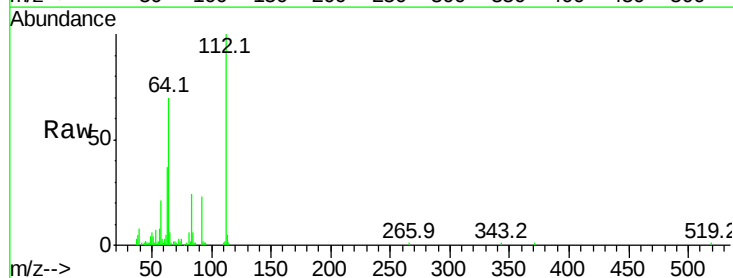
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#5

2-Fluorophenol
Concen: 33.230 ng
RT: 5.85 min Scan# 385
Delta R.T. -0.05 min
Lab File: BG028920.D
Acq: 25 Sep 2017 23:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	61.8	92.6
63	36.6	37.2	55.8#





#7

Phenol-d6

Concen: 94.740 ng

RT: 7.44 min Scan# 655

Delta R.T. -0.05 min

Lab File: BG028920.D

Acq: 25 Sep 2017 23:13

Instrument :

BNA_G

ClientSampleId :

SU-04-092217

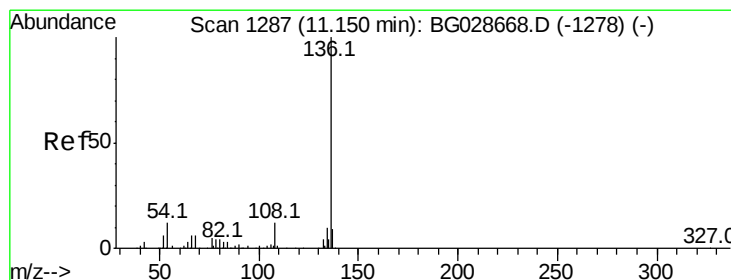
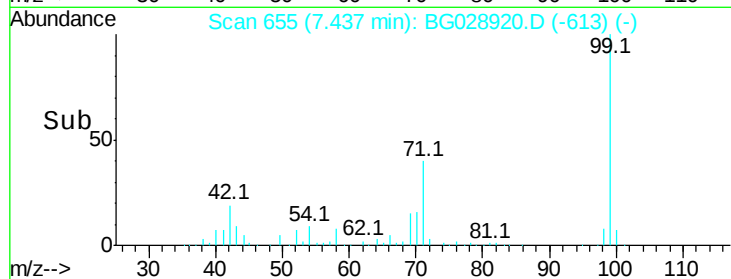
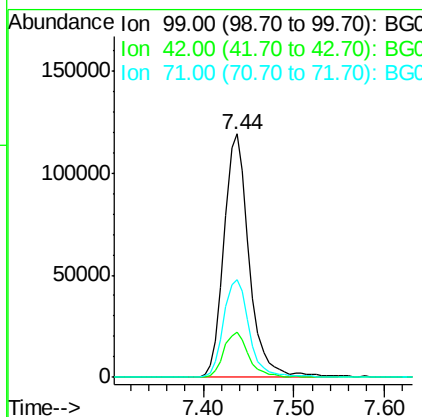
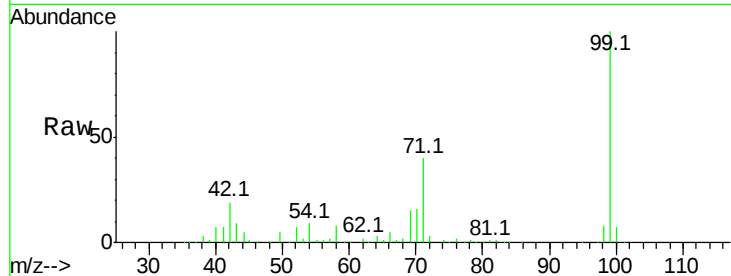
Tot Ion: 99 Resp: 230296

Ion	Ratio	Lower	Upper
99	100		
42	18.5	20.5	30.7#
71	40.1	37.6	56.4

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.10 min Scan# 1278

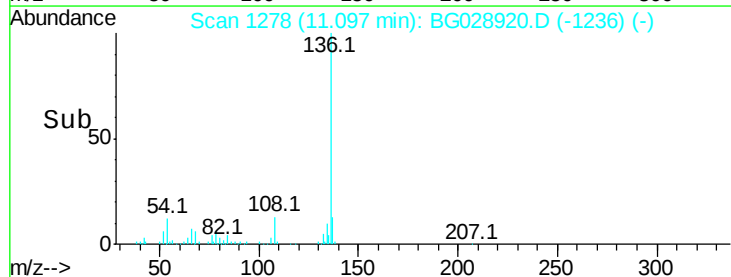
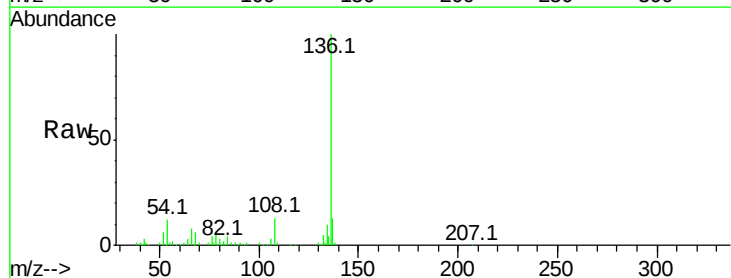
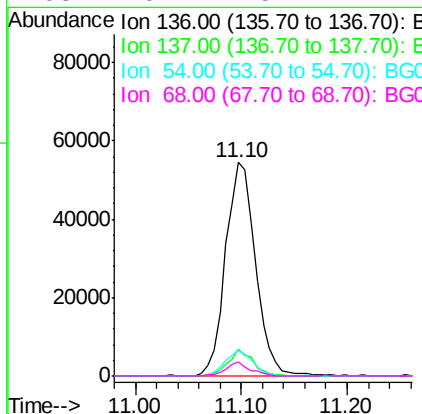
Delta R.T. -0.05 min

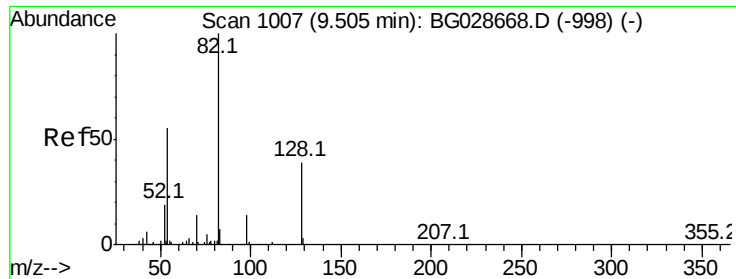
Lab File: BG028920.D

Acq: 25 Sep 2017 23:13

Tgt Ion: 136 Resp: 106859

Ion	Ratio	Lower	Upper
136	100		
137	12.5	8.9	13.3
54	12.0	9.3	13.9
68	6.4	5.1	7.7





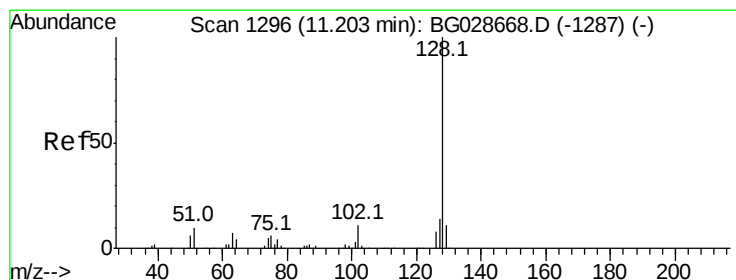
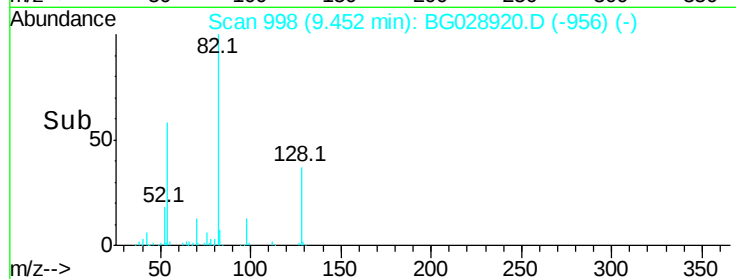
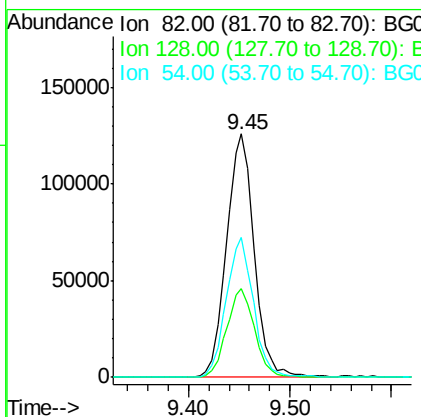
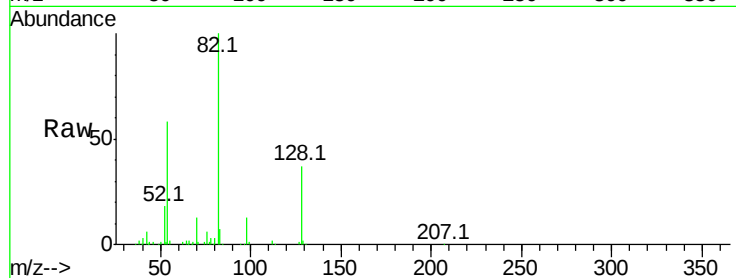
#23
Nitrobenzene-d5
Concen: 106.718 ng
RT: 9.45 min Scan# 998
Delta R.T. -0.05 min
Lab File: BG028920.D
Acq: 25 Sep 2017 23:13

Instrument :
BNA_G
ClientSampleId :
SU-04-092217

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.5	26.4	39.6	
54	57.7	49.4	74.2	

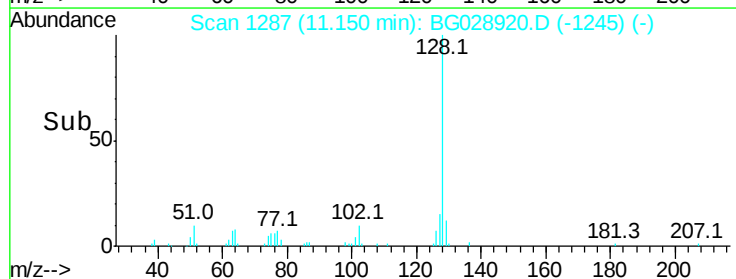
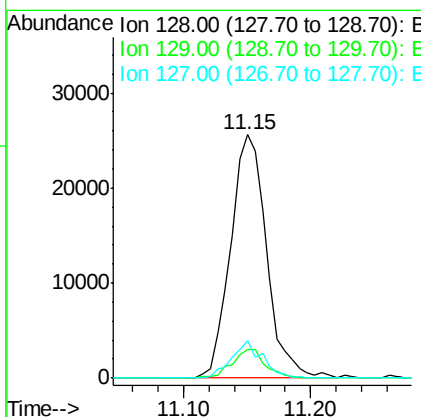
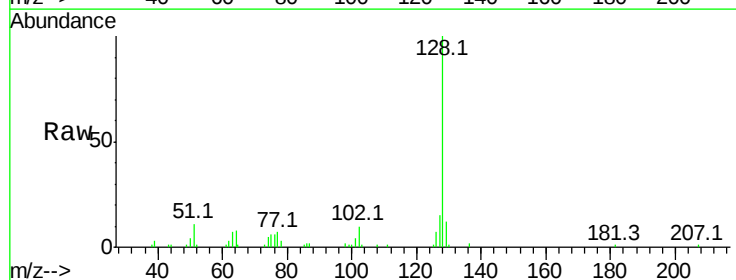
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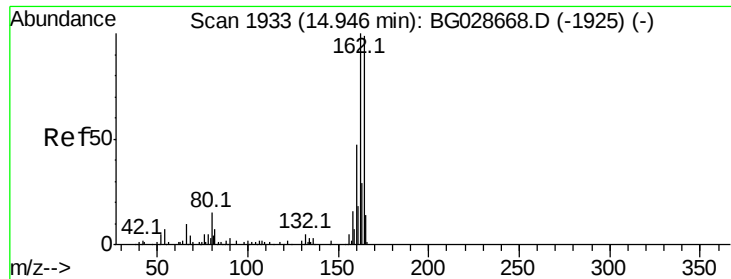
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#31
Naphthalene
Concen: 9.008 ng
RT: 11.15 min Scan# 1287
Delta R.T. -0.05 min
Lab File: BG028920.D
Acq: 25 Sep 2017 23:13

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.8	9.3	13.9	
127	15.5	11.4	17.0	





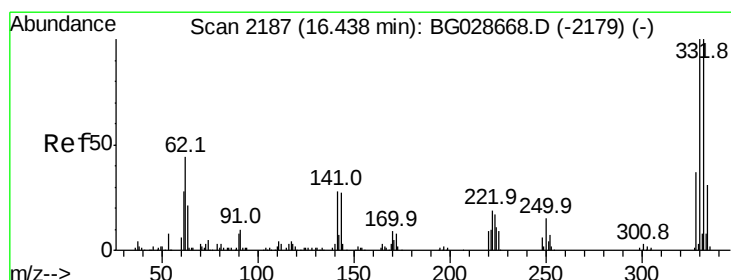
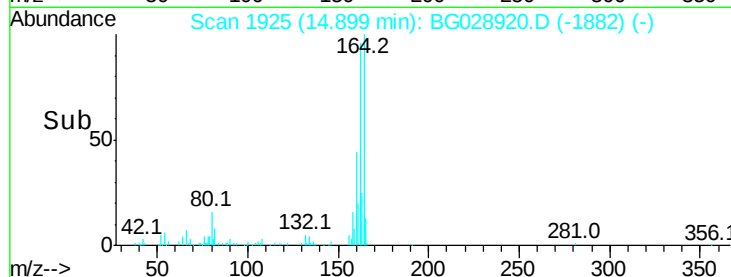
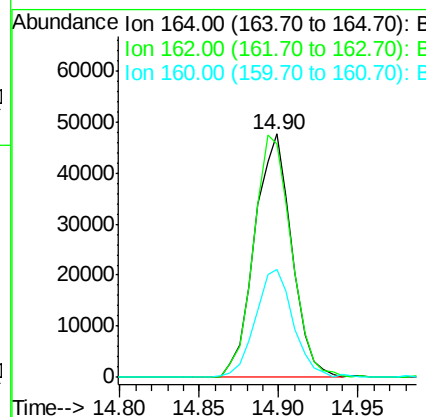
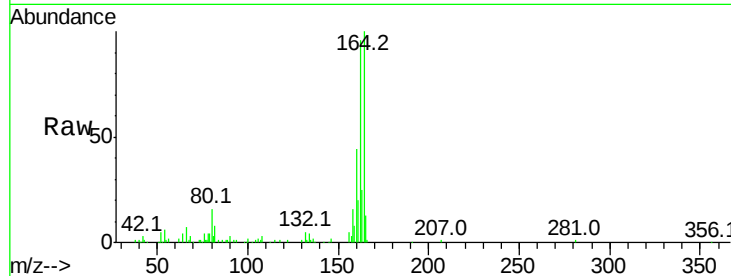
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.90 min Scan# 1925
Delta R.T. -0.05 min
Lab File: BG028920.D
Acq: 25 Sep 2017 23:13

Instrument :
BNA_G
ClientSampleId :
SU-04-092217

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.0	85.1	127.7
160	44.2	34.7	52.1

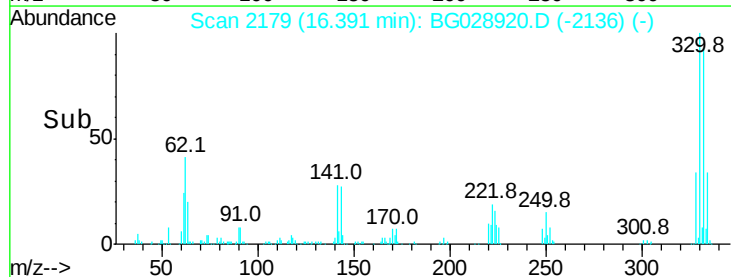
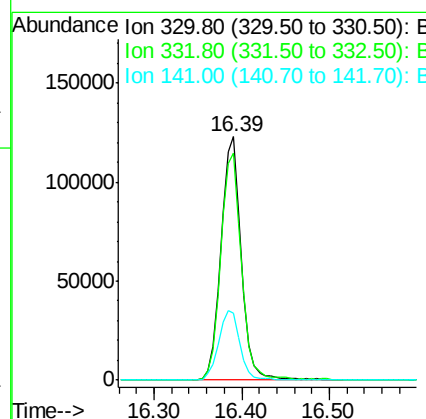
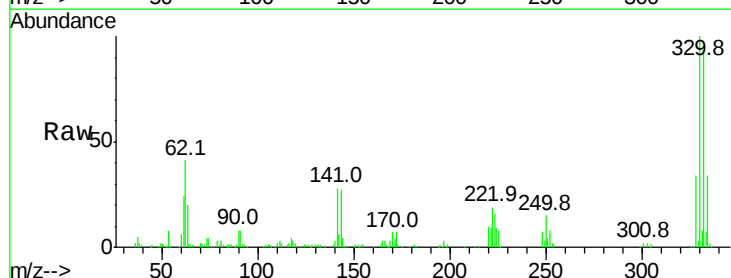
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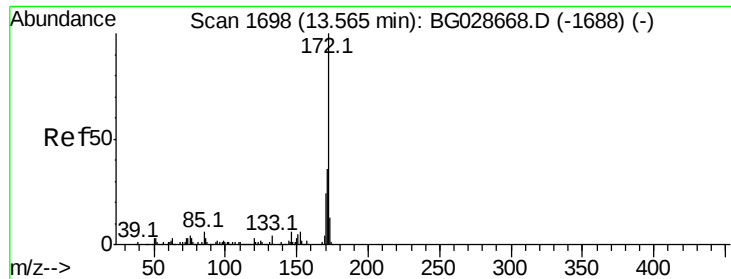
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#41
2,4,6-Tribromophenol
Concen: 154.528 ng
RT: 16.39 min Scan# 2179
Delta R.T. -0.05 min
Lab File: BG028920.D
Acq: 25 Sep 2017 23:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.3	115.9
141	30.1	32.1	48.1#





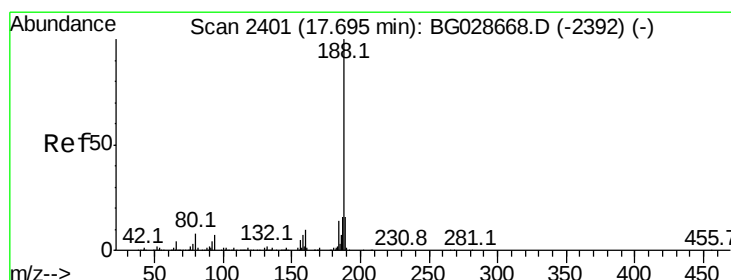
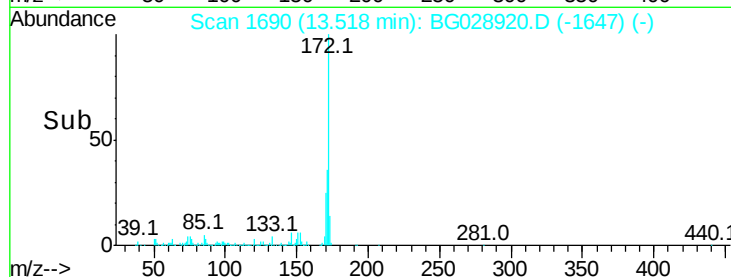
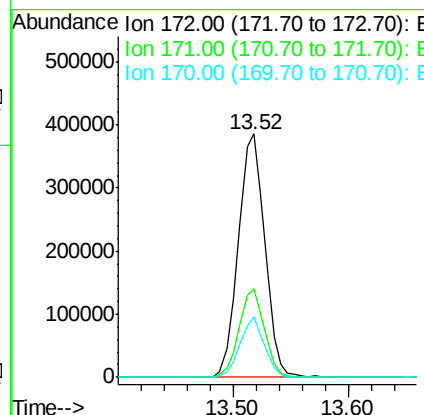
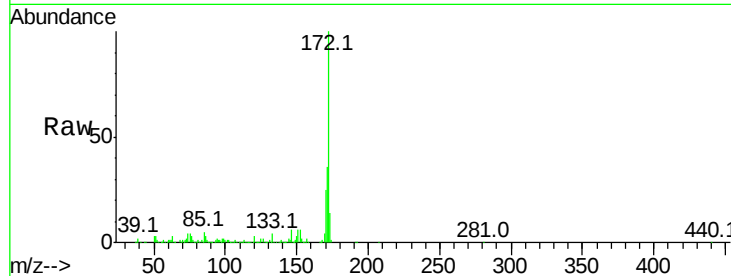
#44
2-Fluorobiphenyl
Concen: 105.130 ng
RT: 13.52 min Scan# 1690
Delta R.T. -0.05 min
Lab File: BG028920.D
Acq: 25 Sep 2017 23:13

Instrument :
BNA_G
ClientSampled :
SU-04-092217

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	32.2	48.2
170	25.0	21.8	32.6

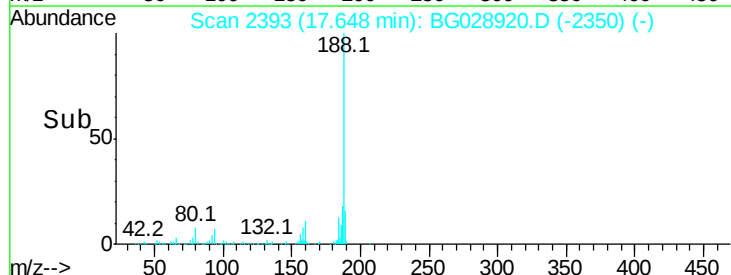
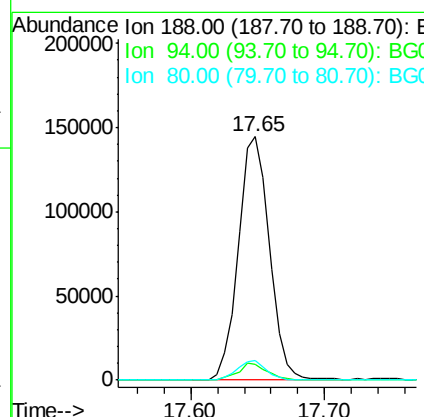
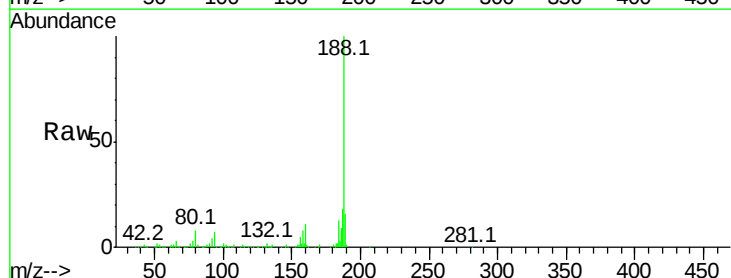
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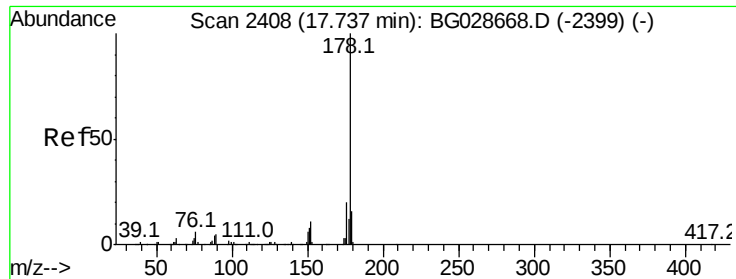
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2393
Delta R.T. -0.05 min
Lab File: BG028920.D
Acq: 25 Sep 2017 23:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.8	8.8
80	7.9	7.5	11.3





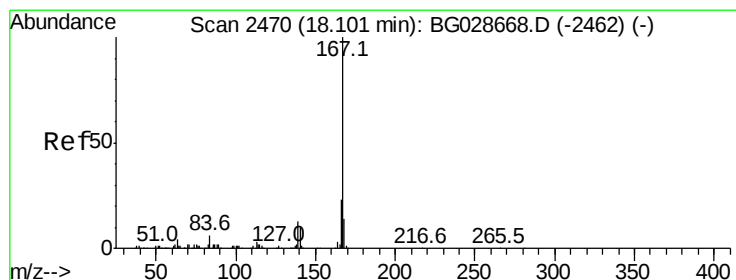
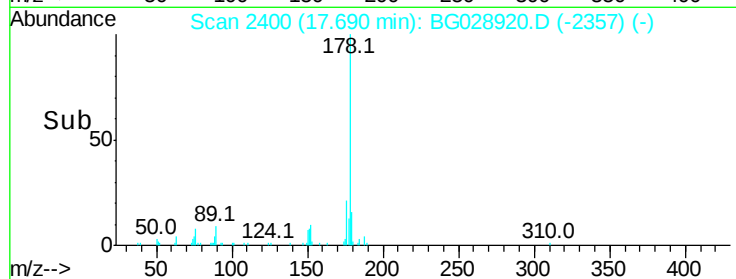
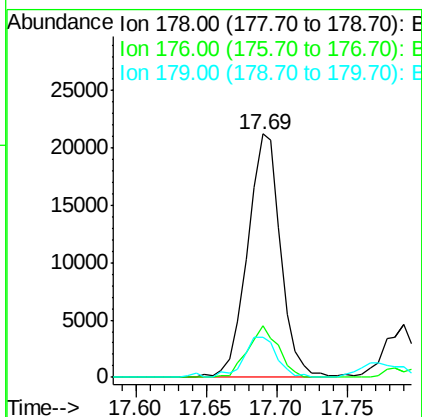
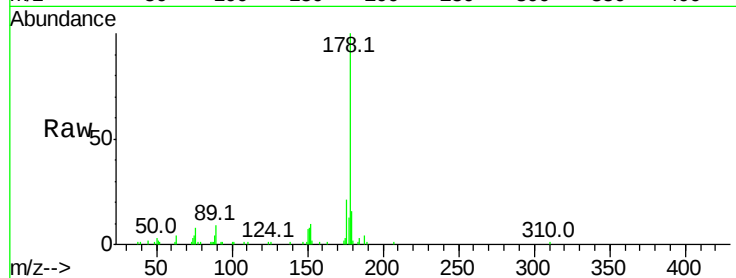
#70
 Phenanthrene
 Concen: 2.933 ng
 RT: 17.69 min Scan# 2400
 Delta R.T. -0.05 min
 Lab File: BG028920.D
 Acq: 25 Sep 2017 23:13

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-092217

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.7	26.5
179	16.3	15.0	22.6

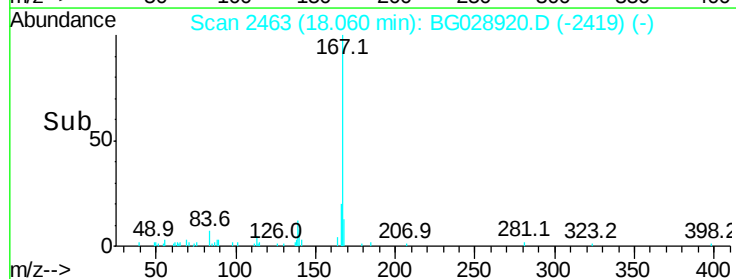
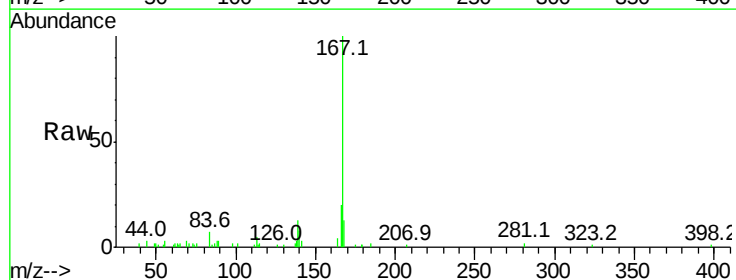
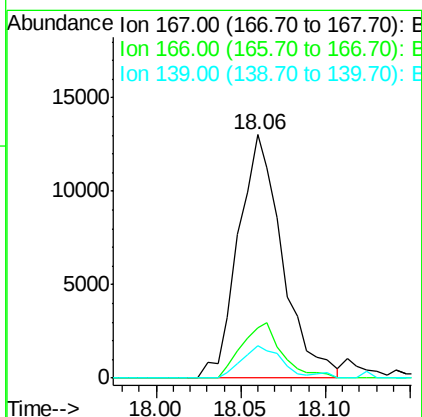
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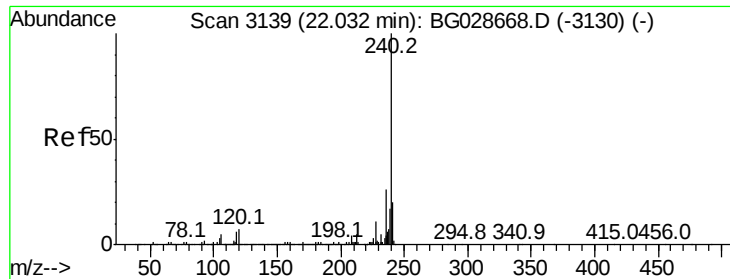
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#72
 Carbazole
 Concen: 2.174 ng
 RT: 18.06 min Scan# 2463
 Delta R.T. -0.04 min
 Lab File: BG028920.D
 Acq: 25 Sep 2017 23:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.4	20.2	30.2
139	13.2	12.8	19.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.97 min Scan# 3128

Delta R.T. -0.06 min

Lab File: BG028920.D

Acq: 25 Sep 2017 23:13

Instrument :

BNA_G

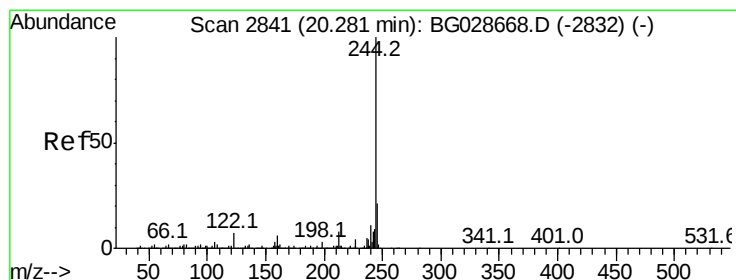
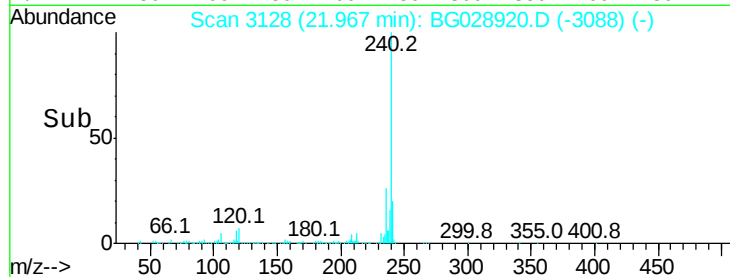
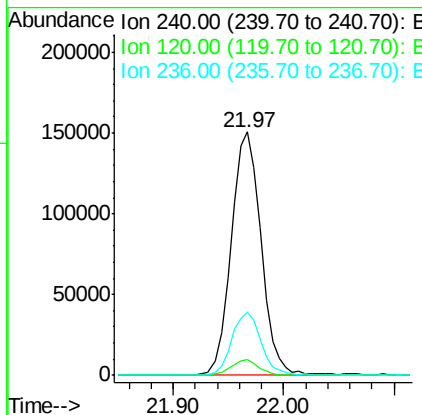
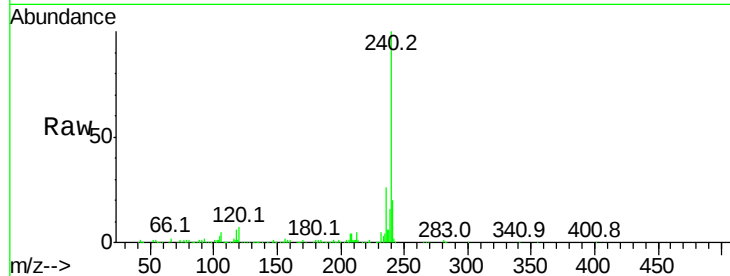
ClientSampleId :

SU-04-092217

Tot Ion:	240	Resp:	286162
Ion Ratio	Lower	Upper	
240	100		
120	6.6	5.7	8.5
236	25.8	22.2	33.4

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#78

Terphenyl-d14

Concen: 111.303 ng

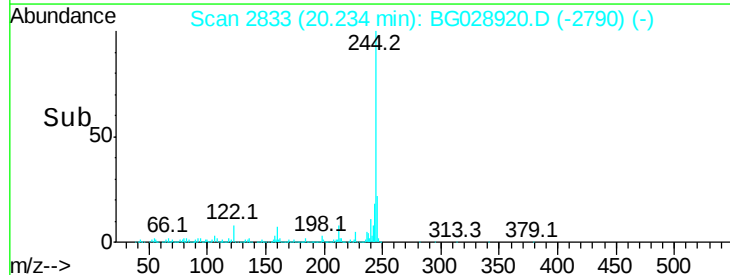
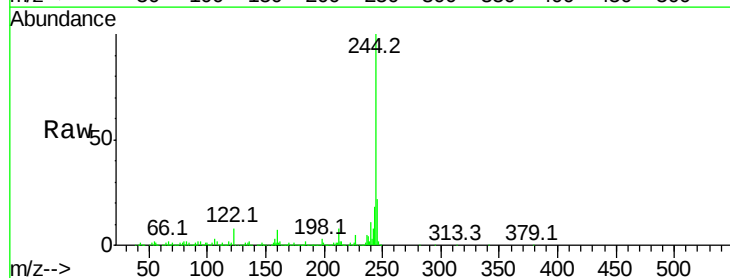
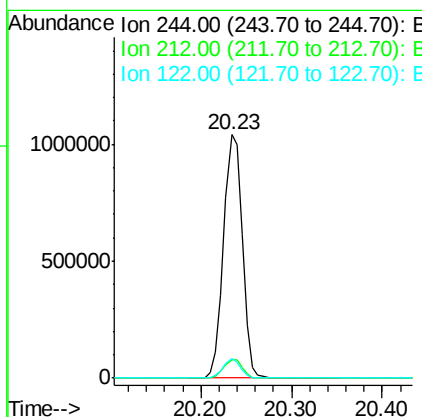
RT: 20.23 min Scan# 2833

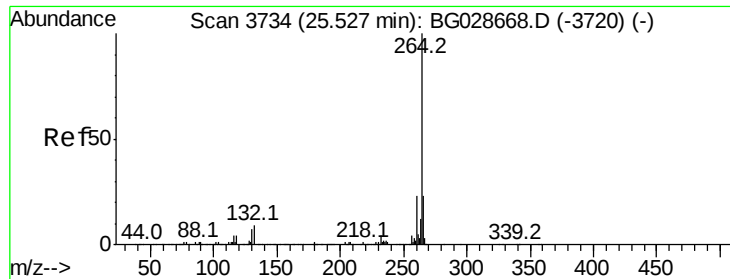
Delta R.T. -0.05 min

Lab File: BG028920.D

Acq: 25 Sep 2017 23:13

Tgt Ion:	244	Resp:	1493535
Ion Ratio	Lower	Upper	
244	100		
212	7.8	10.0	15.0#
122	8.0	8.6	12.8#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.42 min Scan# 3716
Delta R.T. -0.11 min
Lab File: BG028920.D
Acq: 25 Sep 2017 23:13

Instrument :
BNA_G
ClientSampleId :
SU-04-092217

Tot Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.1	21.8	32.8
265	22.4	18.2	27.4

Manual Integrations
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