

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039705.D
 Acq On : 2 Mar 2019 2:52
 Operator : JU/SJ
 Sample : K1675-29
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z-3-13-A

Manual Integrations
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Sohil
 3/4/2019 12:19:37 PM

Quant Time: Mar 02 03:40:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	59218	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	265022	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	177815	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	423820	20.00	ng	0.00
76) Chrysene-d12	21.82	240	427385	20.00	ng	0.00
87) Perylene-d12	25.20	264	426891	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	359644	103.94	ng	0.00
7) Phenol-d6	7.31	99	532868	104.63	ng	0.00
23) Nitrobenzene-d5	9.34	82	313645	73.93	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	182523	95.32	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	748526	60.39	ng	0.00
79) Terphenyl-d14	20.13	244	1125415	55.74	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	14.23	163	52793	3.676	ng	# 97
71) Phenanthrene	17.58	178	66193	3.018	ng	97
75) Fluoranthene	19.57	202	103769	4.076	ng	96
78) Pyrene	19.94	202	92772	3.487	ng	96
88) Benzo(b)fluoranthene	24.12	252	50418m	2.166	ng	

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

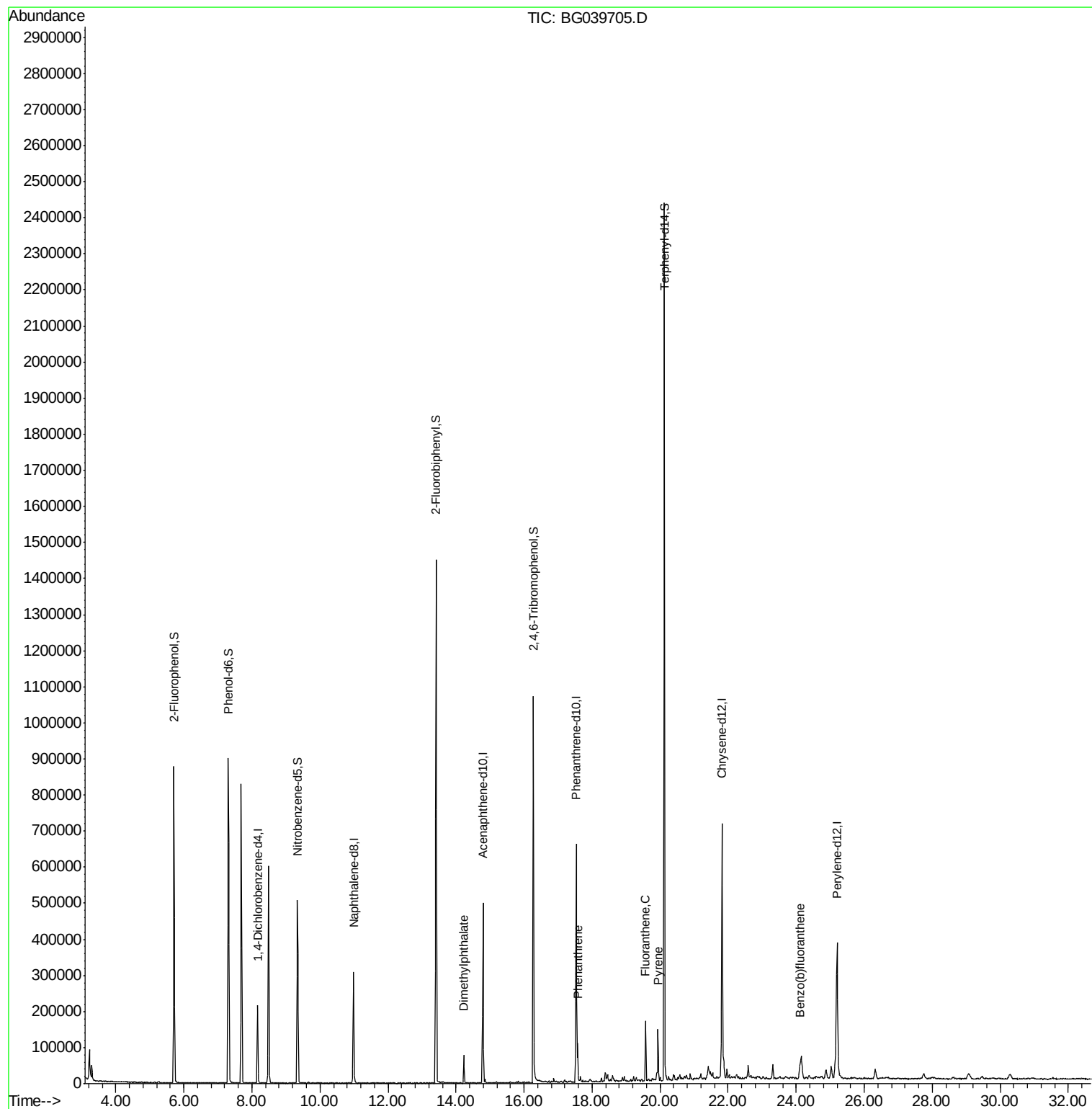
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
Data File : BG039705.D
Acq On : 2 Mar 2019 2:52
Operator : JU/SJ
Sample : K1675-29
Misc :
ALS Vial : 17 Sample Multiplier: 1

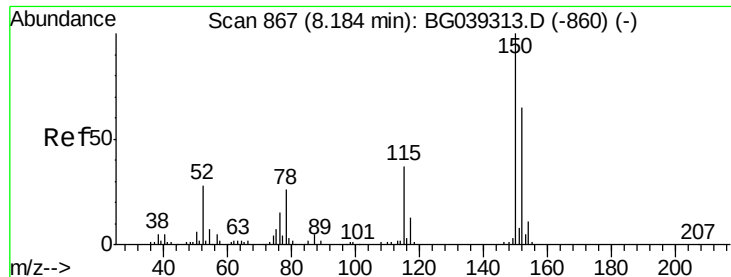
Instrument :
BNA_G
ClientSampleId :
Z-3-13-A

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Quant Time: Mar 02 03:40:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration





#1

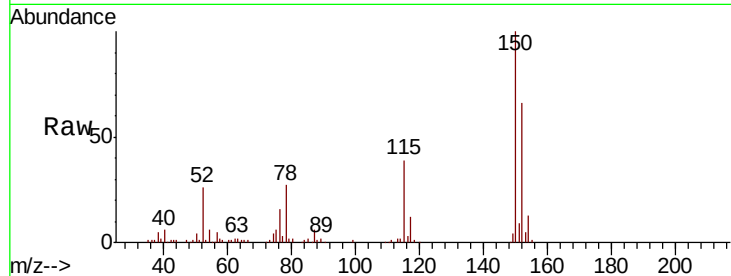
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039705.D
Acq: 2 Mar 2019 2:52

Instrument :
BNA_G
ClientSampled :
Z-3-13-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.0	123.7	185.5
115	59.4	45.9	68.9

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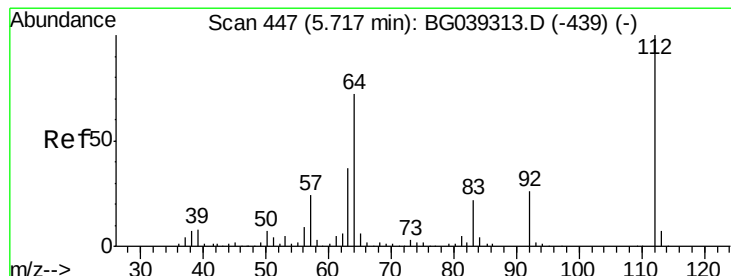
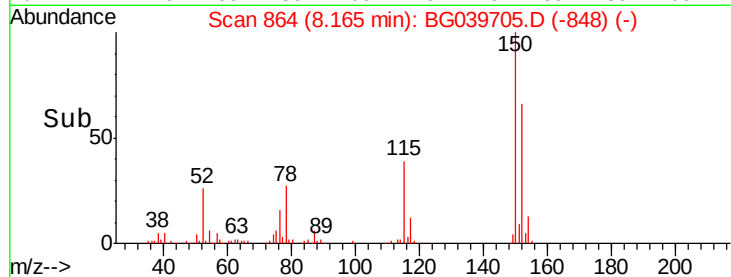
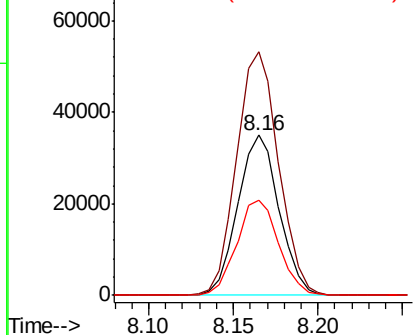


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

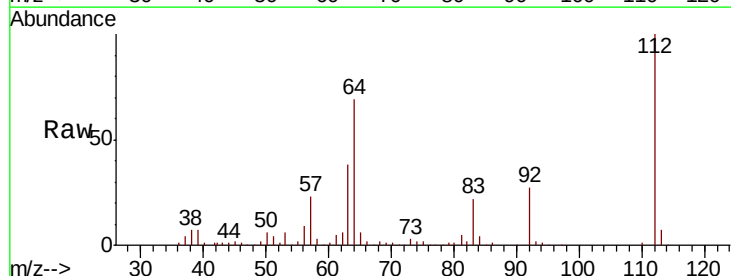
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 103.944 ng
RT: 5.71 min Scan# 446
Delta R.T. 0.00 min
Lab File: BG039705.D
Acq: 2 Mar 2019 2:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	57.8	86.8
63	37.6	29.8	44.6

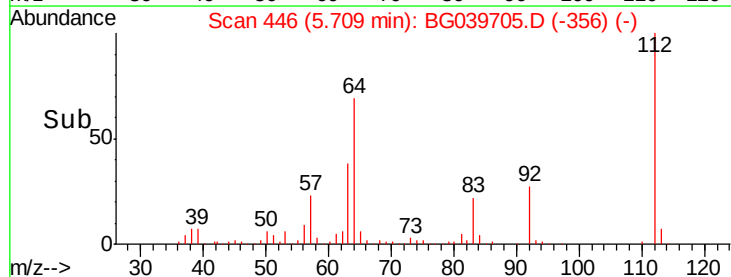
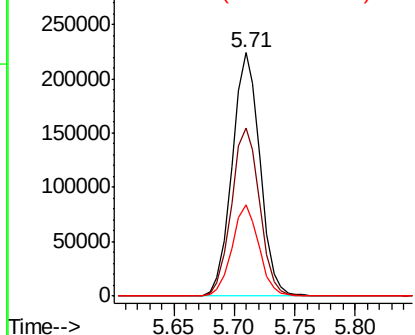


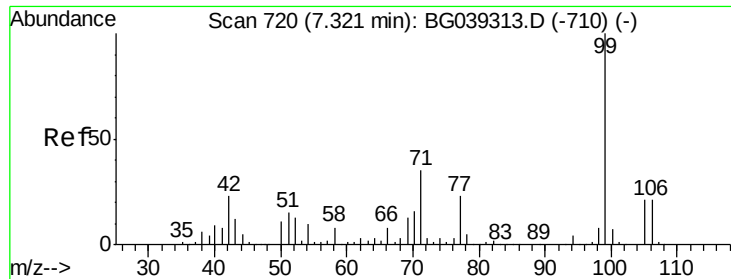
Abundance

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: 104.627 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039705.D

Acq: 2 Mar 2019 2:52

Instrument :

BNA_G

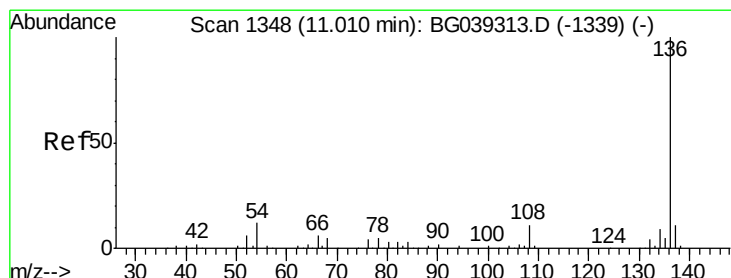
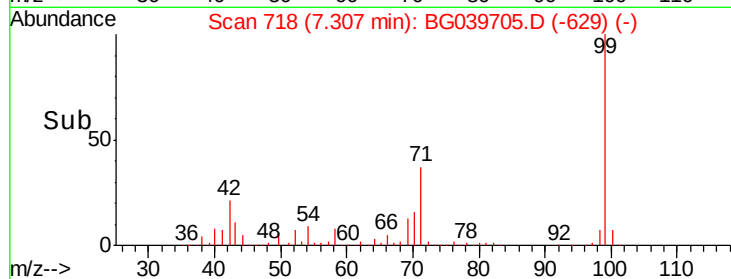
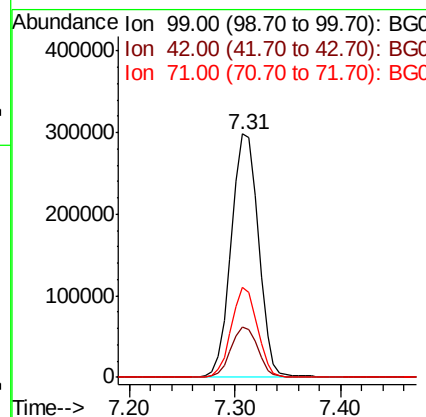
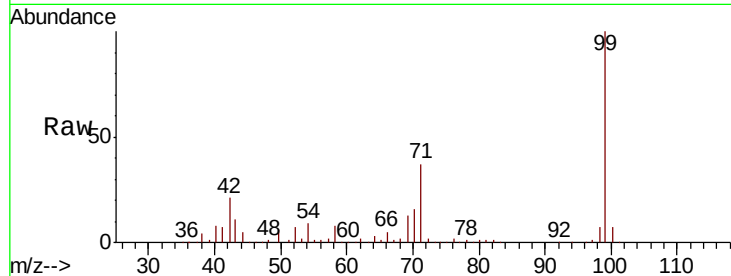
ClientSampled :

Z-3-13-A

Tot Ion:	99	Resp:	532868
Ion Ratio	Lower	Upper	
99	100		
42	20.6	18.2	27.2
71	36.8	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

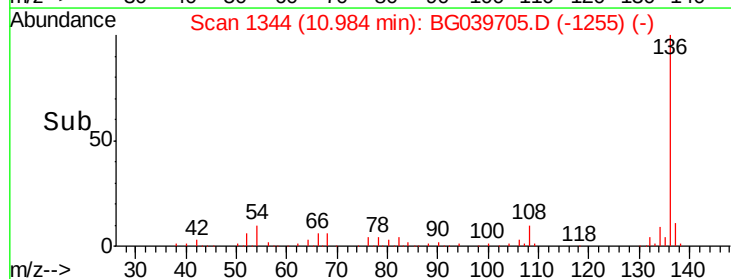
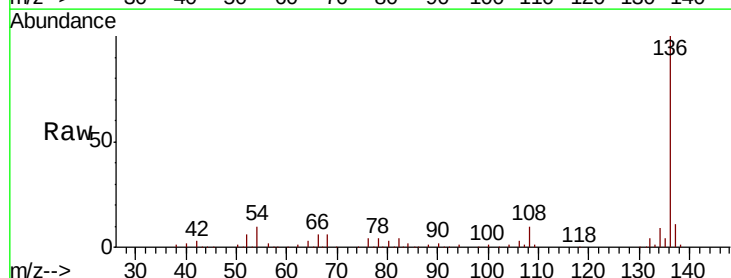
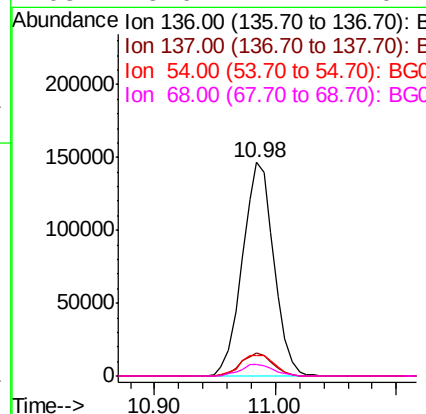
RT: 10.98 min Scan# 1344

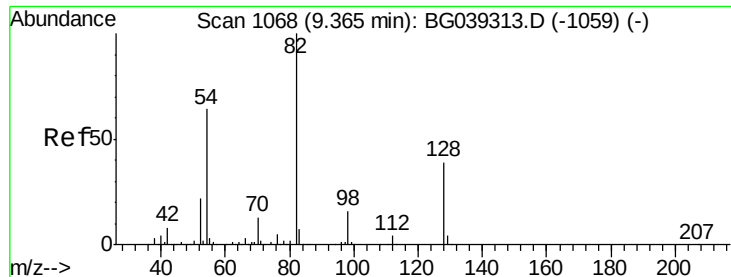
Delta R.T. -0.01 min

Lab File: BG039705.D

Acq: 2 Mar 2019 2:52

Tgt Ion:	136	Resp:	265022
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.1	13.7
54	9.9	9.4	14.2
68	5.6	4.2	6.4





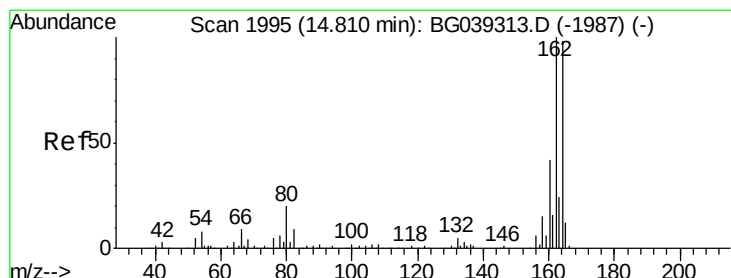
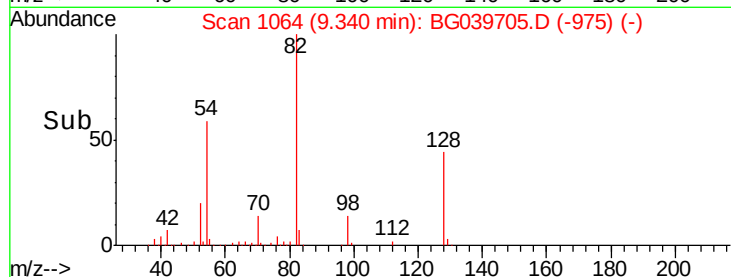
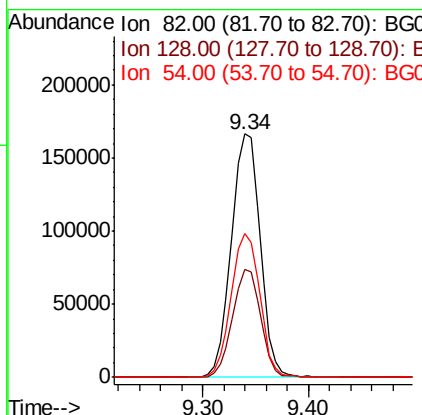
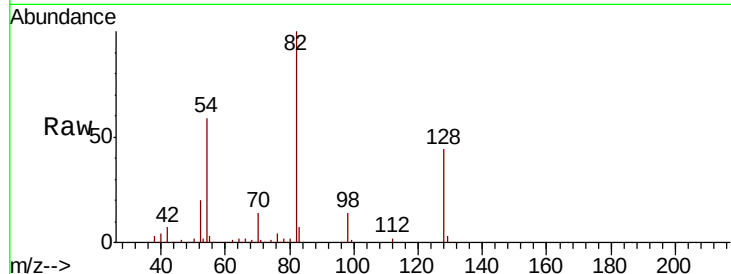
#23
Nitrobenzene-d5
Concen: 73.933 ng
RT: 9.34 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BG039705.D
Acq: 2 Mar 2019 2:52

Instrument :
BNA_G
ClientSampled :
Z-3-13-A

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	44.2	31.3	46.9	
54	59.1	50.9	76.3	

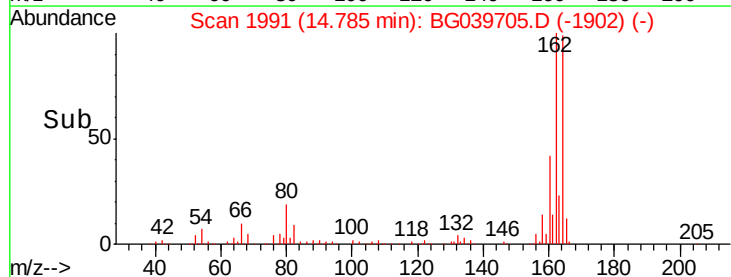
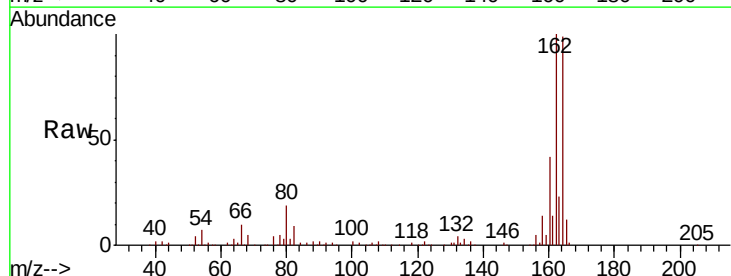
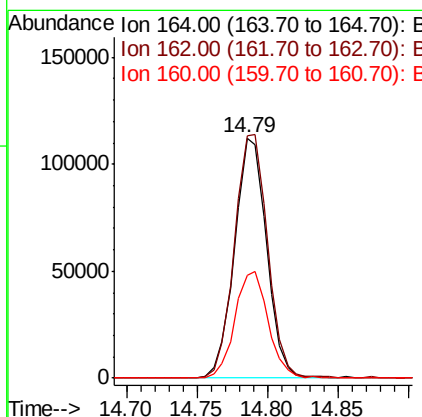
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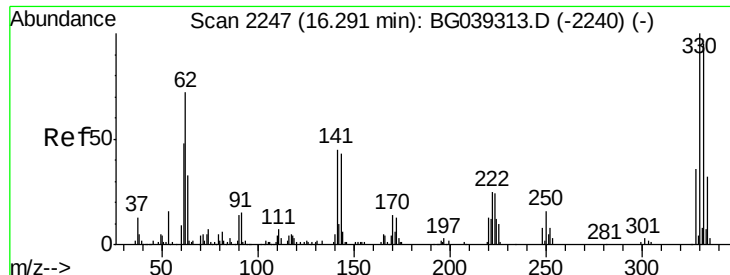
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039705.D
Acq: 2 Mar 2019 2:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.0	81.6	122.4	
160	42.8	34.2	51.2	





#42

2,4,6-Tribromophenol

Concen: 95.324 ng

RT: 16.27 min Scan# 2244

Delta R.T. -0.01 min

Lab File: BG039705.D

Acq: 2 Mar 2019 2:52

Instrument :

BNA_G

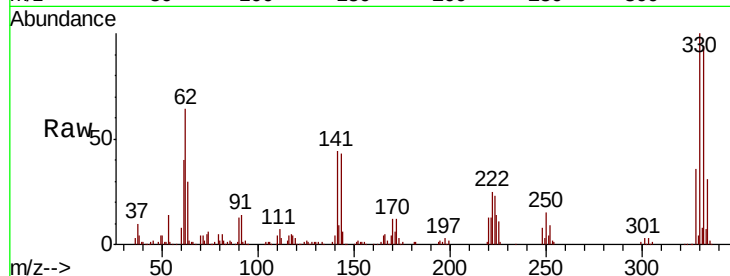
ClientSampled :

Z-3-13-A

Tot Ion:	330	Resp:	182523
Ion Ratio	Lower	Upper	
330	100		
332	97.7	75.7	113.5
141	41.6	35.6	53.4

Manual Integrations
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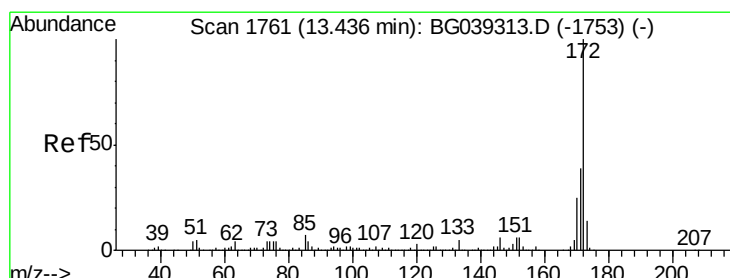
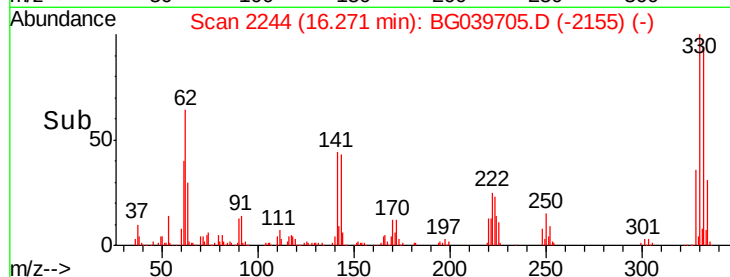
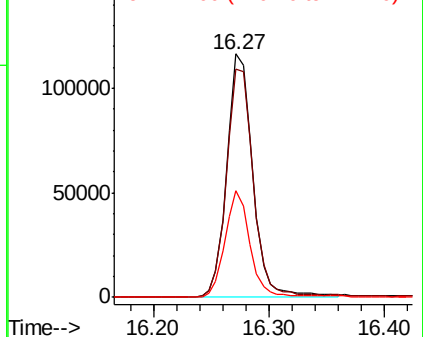


Abundance

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: 60.388 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG039705.D

Acq: 2 Mar 2019 2:52

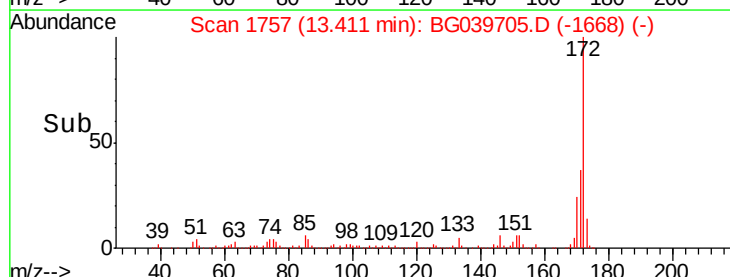
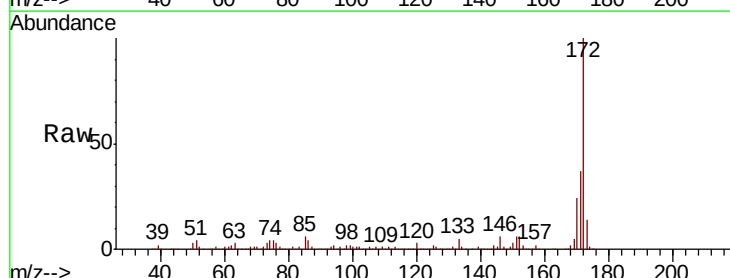
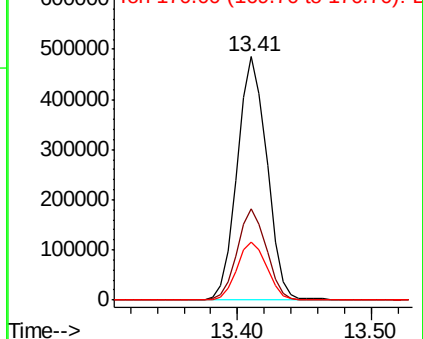
Tgt Ion:	172	Resp:	748526
Ion Ratio	Lower	Upper	
172	100		
171	37.5	30.8	46.2
170	23.6	20.2	30.4

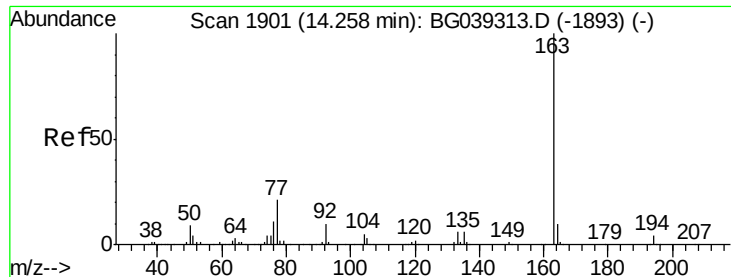
Abundance

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: 3.676 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039705.D

Acq: 2 Mar 2019 2:52

Instrument :

BNA_G

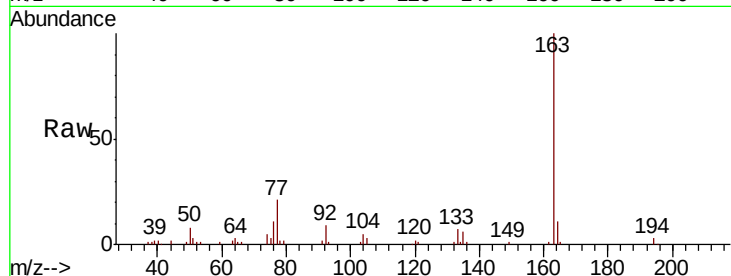
ClientSampleId :

Z-3-13-A

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.6	5.4#
164	11.3	8.4	12.6

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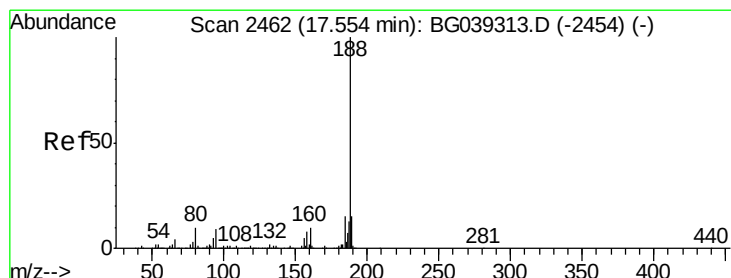
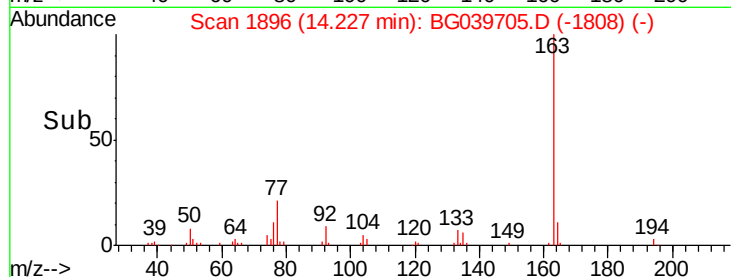
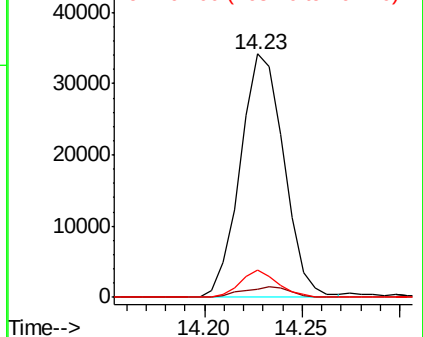


Abundance

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: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG039705.D

Acq: 2 Mar 2019 2:52

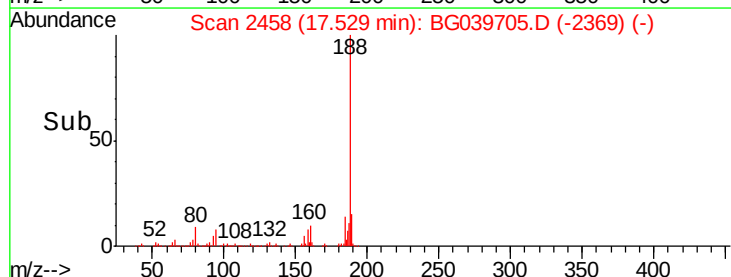
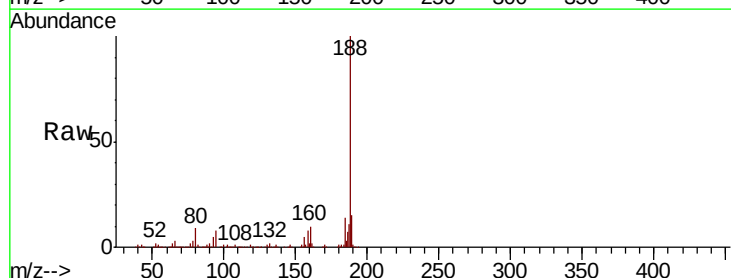
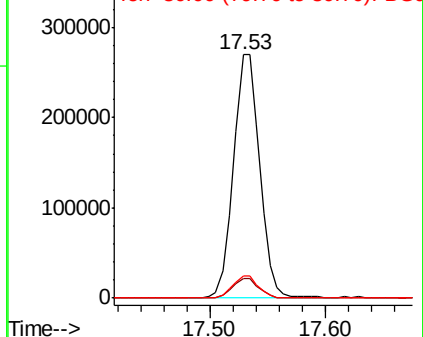
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	9.1	8.1	12.1

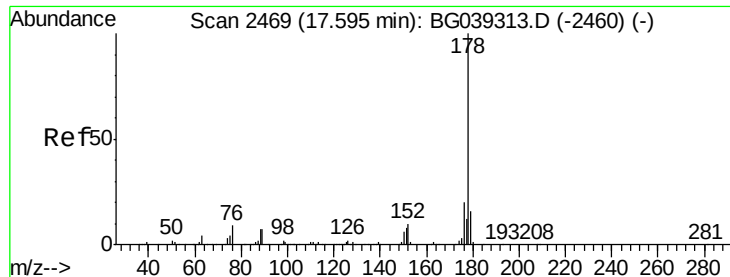
Abundance

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





#71

Phenanthrene

Concen: 3.018 ng

RT: 17.58 min Scan# 2466

Delta R.T. 0.00 min

Lab File: BG039705.D

Acq: 2 Mar 2019 2:52

Instrument :

BNA_G

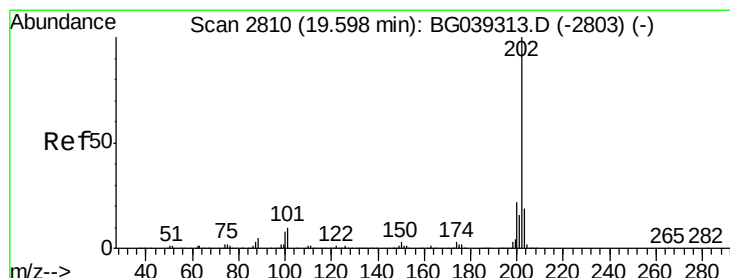
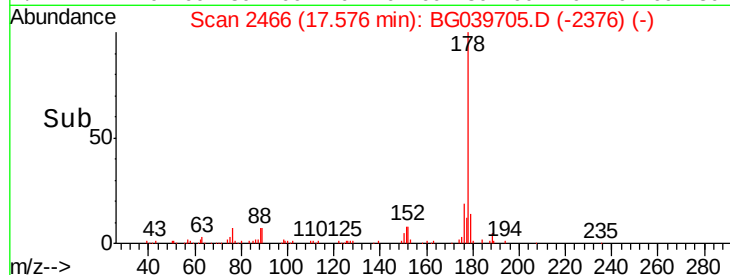
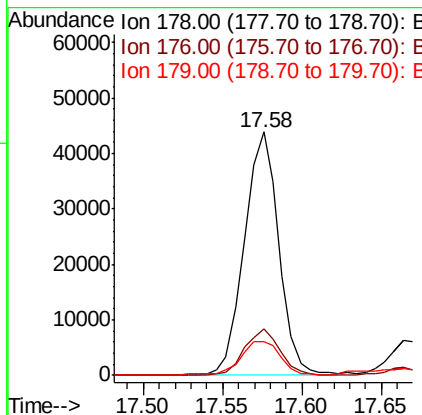
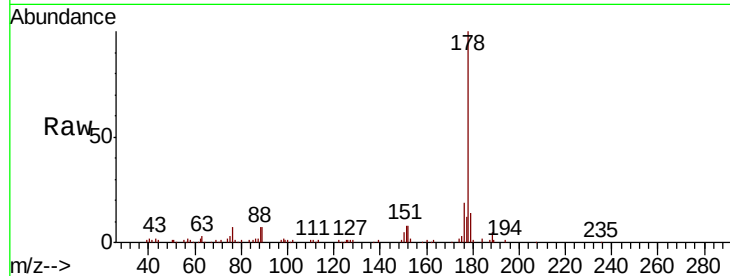
ClientSampleId :

Z-3-13-A

Tot Ion:	178	Resp:	66193
Ion Ratio	Lower	Upper	
178	100		
176	19.2	16.2	24.4
179	13.8	12.6	19.0

Manual Integrations
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#75

Fluoranthene

Concen: 4.076 ng

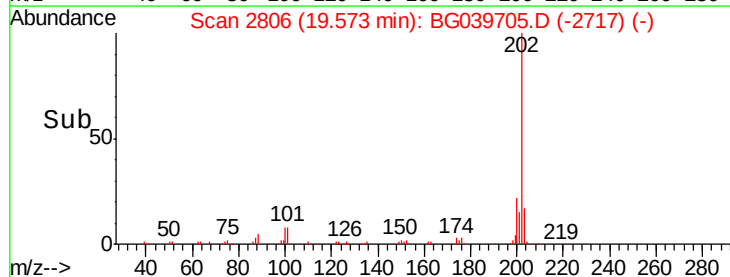
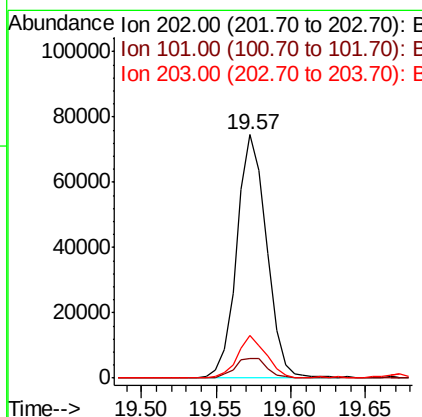
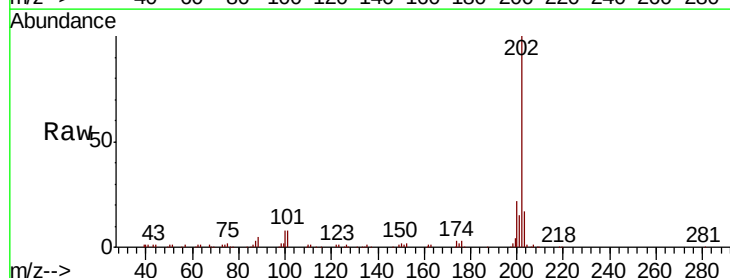
RT: 19.57 min Scan# 2806

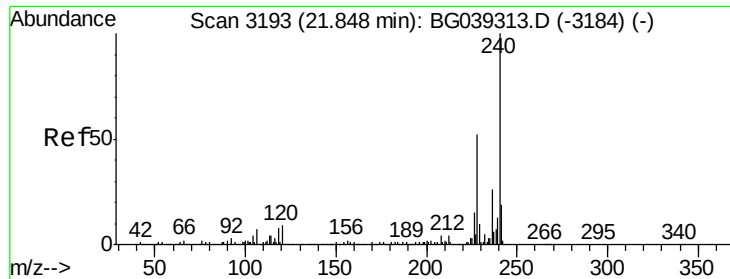
Delta R.T. -0.01 min

Lab File: BG039705.D

Acq: 2 Mar 2019 2:52

Tgt Ion:	202	Resp:	103769
Ion Ratio	Lower	Upper	
202	100		
101	7.8	0.0	30.0
203	17.3	0.0	38.9





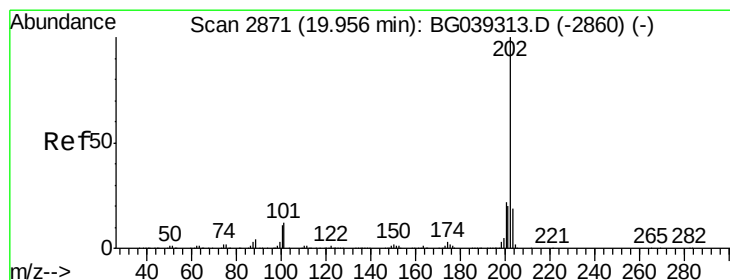
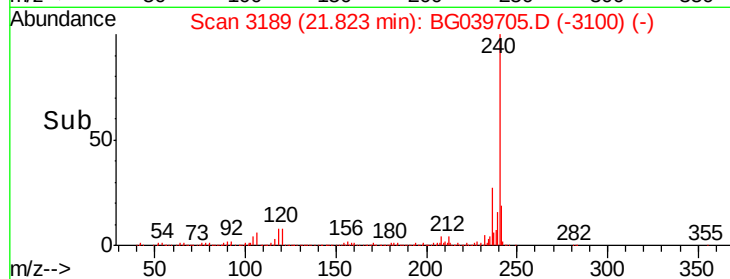
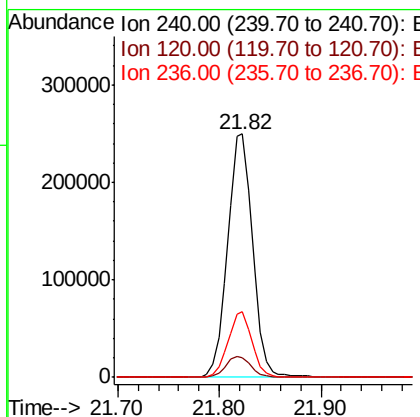
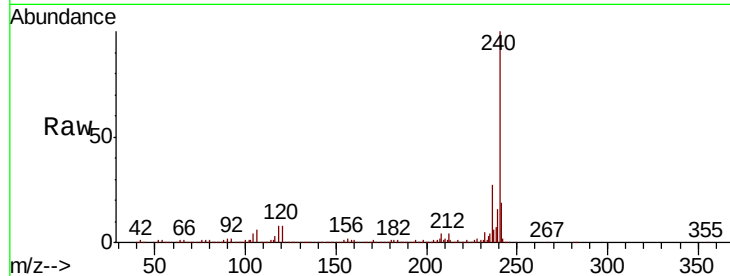
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BG039705.D
Acq: 2 Mar 2019 2:52

Instrument :
BNA_G
ClientSampleId :
Z-3-13-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.3	7.0	10.6
236	27.0	21.0	31.4

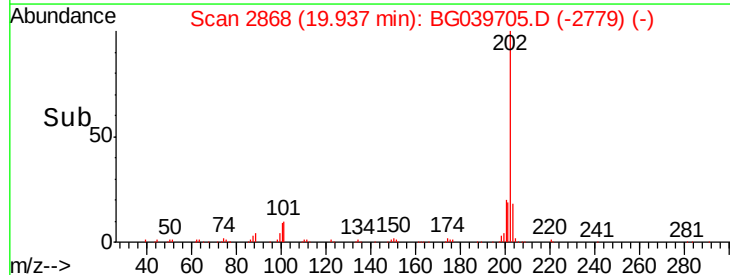
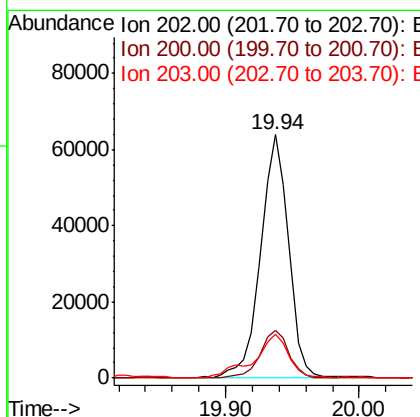
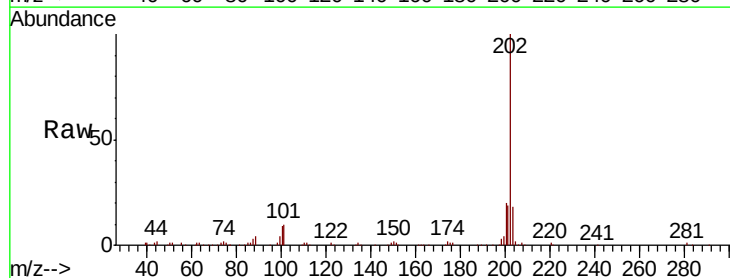
Manual Integrations
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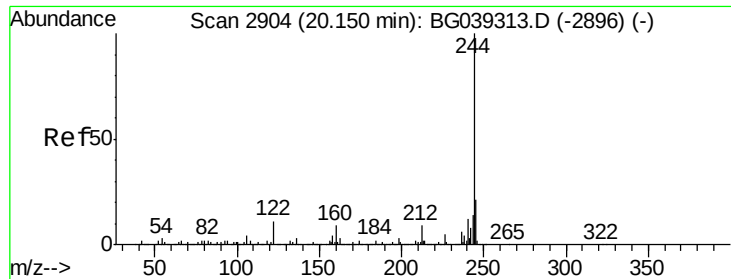
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#78
Pyrene
Concen: 3.487 ng
RT: 19.94 min Scan# 2868
Delta R.T. -0.01 min
Lab File: BG039705.D
Acq: 2 Mar 2019 2:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.9	17.8	26.8
203	17.8	15.3	22.9





#79

Terphenyl-d14

Concen: 55.738 ng

RT: 20.13 min Scan# 2900

Delta R.T. 0.00 min

Lab File: BG039705.D

Acq: 2 Mar 2019 2:52

Instrument :

BNA_G

ClientSampled :

Z-3-13-A

Tot Ion:244 Resp: 1125415

Ion Ratio Lower Upper

244 100

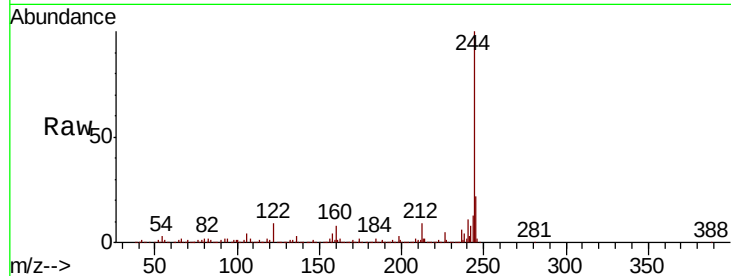
212 9.2 7.3 10.9

122 9.4 8.4 12.6

Manual Integrations
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Sohil

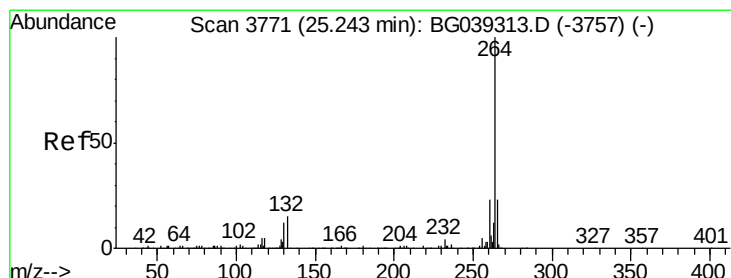
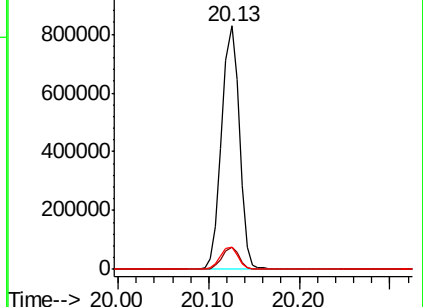
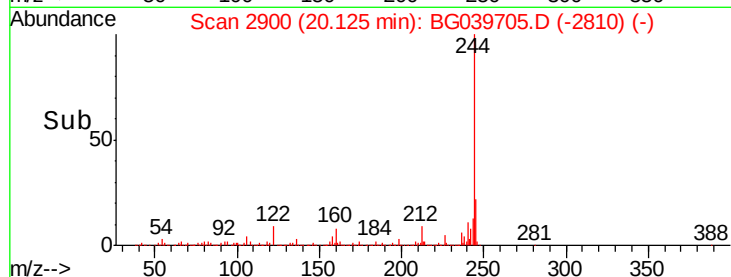
3/4/2019 12:19:37 PM



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: 25.20 min Scan# 3764

Delta R.T. 0.00 min

Lab File: BG039705.D

Acq: 2 Mar 2019 2:52

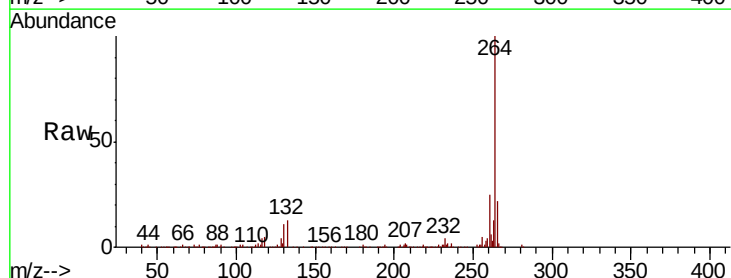
Tgt Ion:264 Resp: 426891

Ion Ratio Lower Upper

264 100

260 25.1 18.2 27.4

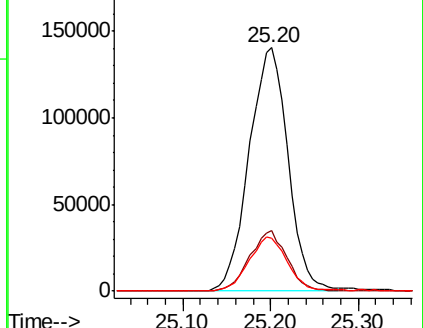
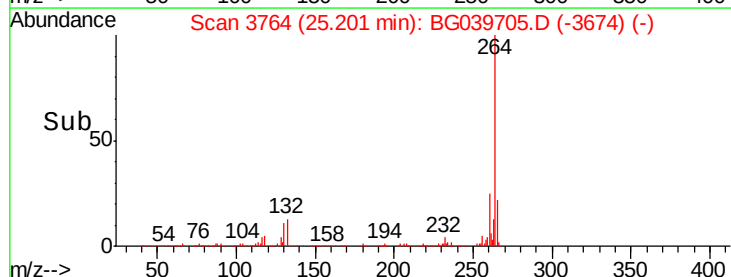
265 21.7 18.5 27.7

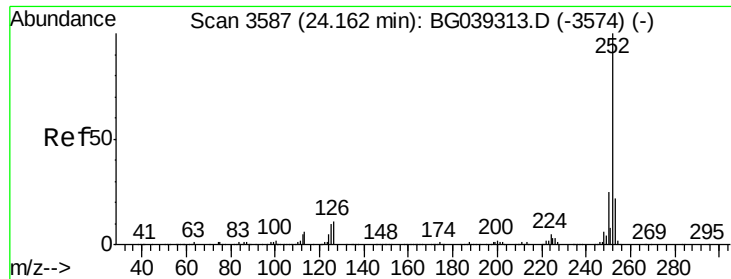


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88
 Benzo(b)fluoranthene
 Concen: 2.166 ng/ml
 RT: 24.12 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: BG039705.D
 Acq: 2 Mar 2019 2:52

Instrument :
 BNA_G
 ClientSampleId :
 Z-3-13-A

Tot Ion:	252	Resp:	50418
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.8
125	9.3	7.8	11.6

Manual Integrations
 APPROVED

Sohil
 3/4/2019 12:19:37 PM

