

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
 Data File : BG040814.D
 Acq On : 9 May 2019 9:36
 Operator : HP/JU
 Sample : K2643-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-050719-B

Manual Integrations
 APPROVED

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 5/9/2019 6:47:36 PM

Quant Time: May 09 11:36:52 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	8.14	152	47346	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	177510	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	133369	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	370482	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	336400	20.00	ng	-0.03
87) Perylene-d12	25.15	264	234512m	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	392632	146.18	ng	0.00
7) Phenol-d6	7.28	99	529014	127.92	ng	-0.02
23) Nitrobenzene-d5	9.32	82	454683	118.36	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	262475	143.18	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	1011766	109.56	ng	-0.02
79) Terphenyl-d14	20.11	244	1983725	130.64	ng	-0.02

Target Compounds Qvalue

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

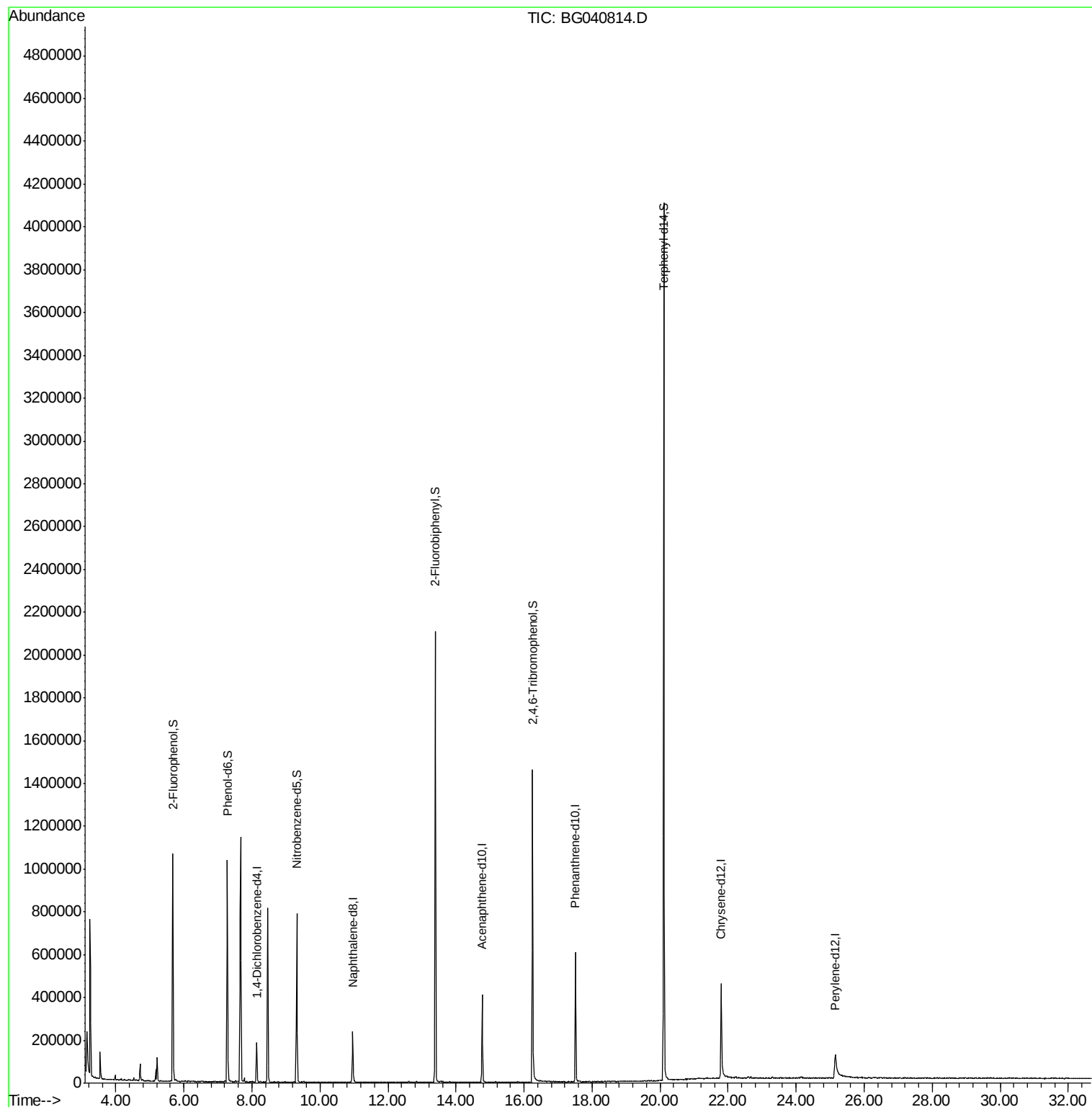
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050819\
Data File : BG040814.D
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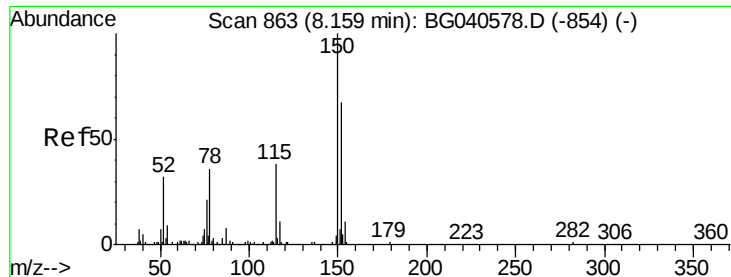
Instrument :
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OR-03-050719-B

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QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration





#1

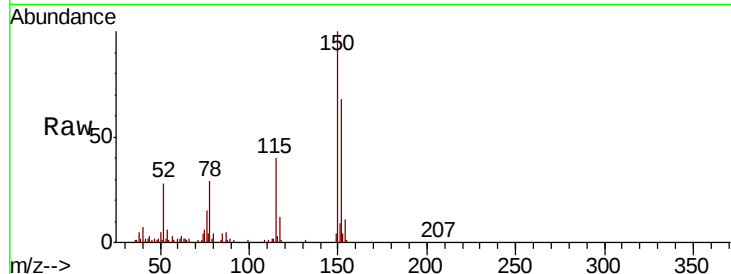
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.02 min
Lab File: BG040814.D
Acq: 9 May 2019 9:36

Instrument :
BNA_G
ClientSampleId :
OR-03-050719-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.8	120.2	180.2
115	58.9	46.2	69.2

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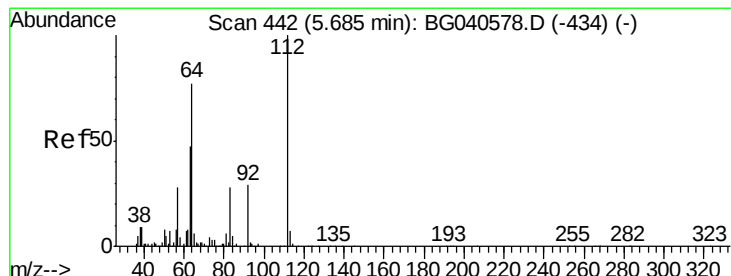
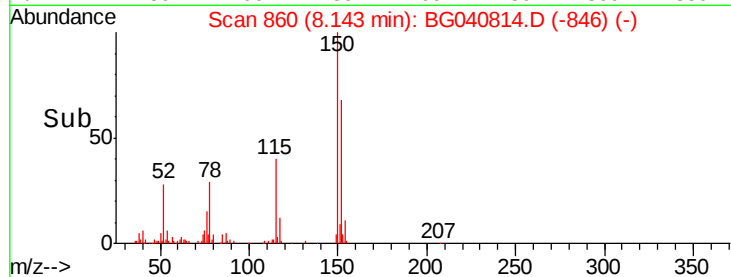
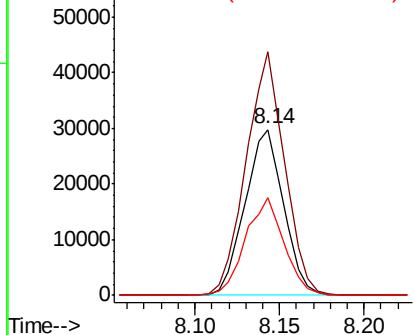


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

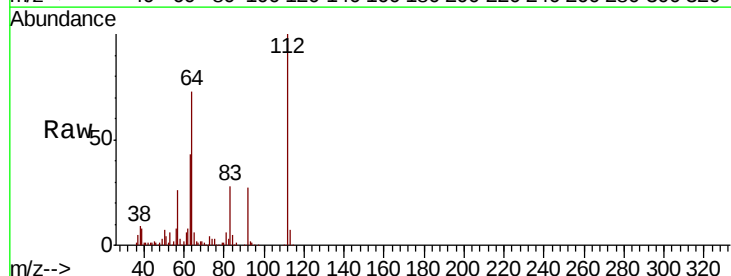
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 146.183 ng
RT: 5.68 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040814.D
Acq: 9 May 2019 9:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.4	61.4	92.0
63	42.9	37.8	56.6

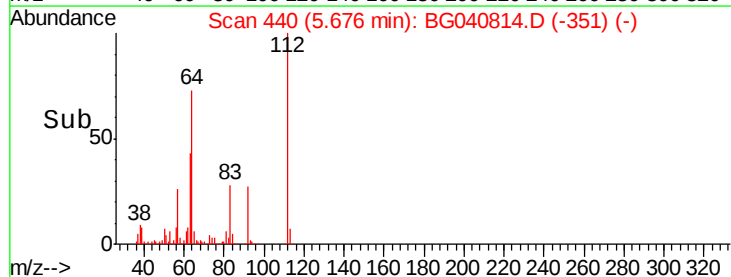
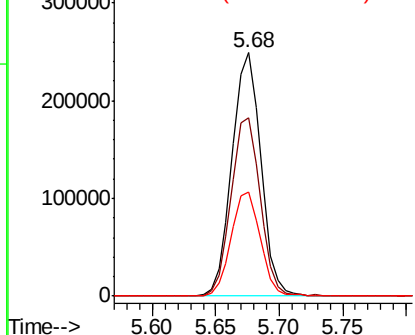


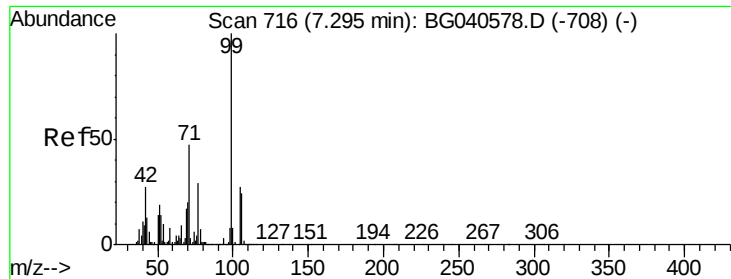
Abundance

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: 127.920 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BG040814.D

Acq: 9 May 2019 9:36

Instrument :

BNA_G

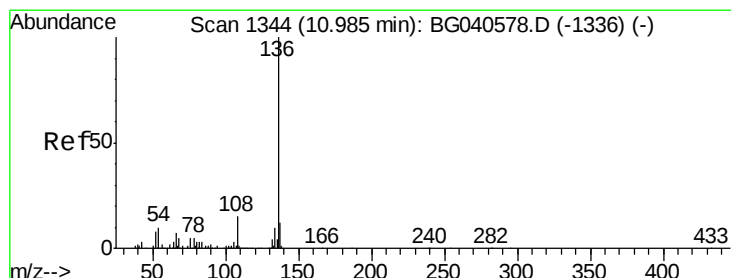
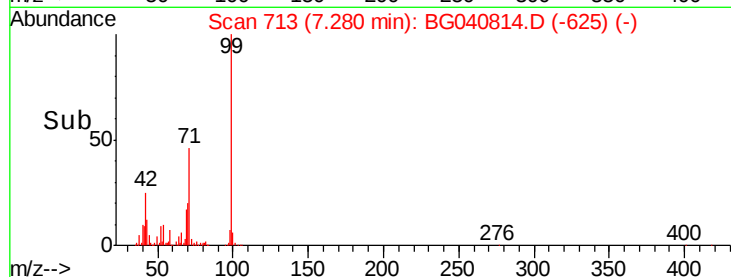
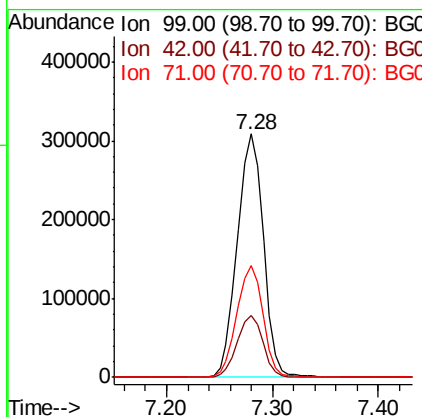
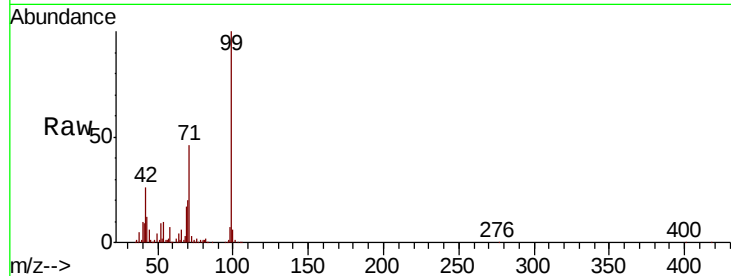
ClientSampleId :

OR-03-050719-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		529014		
42	25.6	21.8	32.8		
71	46.2	38.6	57.8		

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#21

Naphthalene-d8

Concen: 20.000 ng

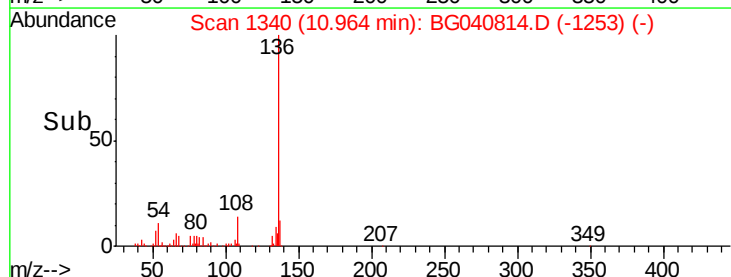
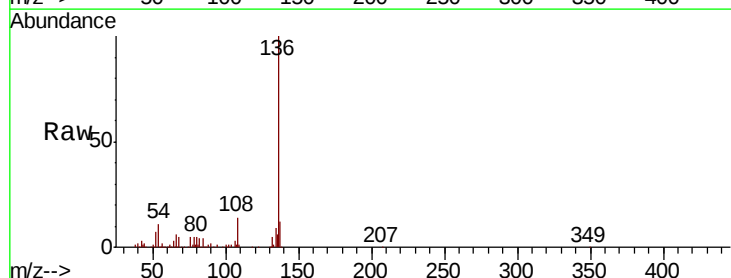
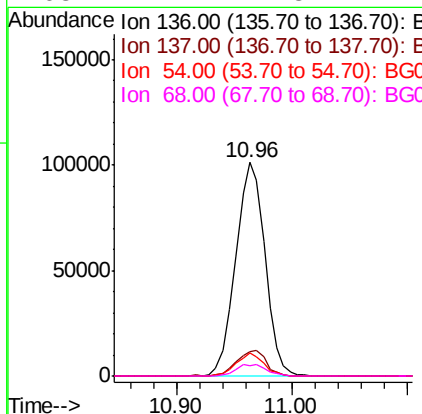
RT: 10.96 min Scan# 1340

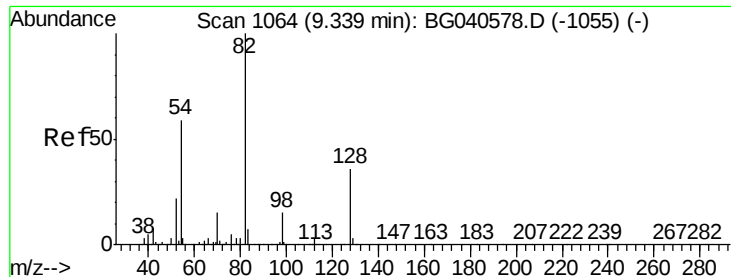
Delta R.T. -0.02 min

Lab File: BG040814.D

Acq: 9 May 2019 9:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		177510		
137	11.6	9.7	14.5		
54	11.4	8.6	12.8		
68	4.7	4.8	7.2#		





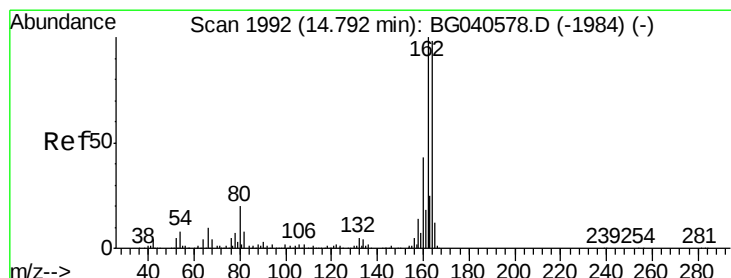
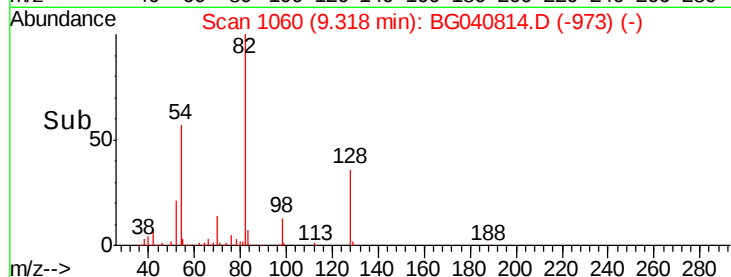
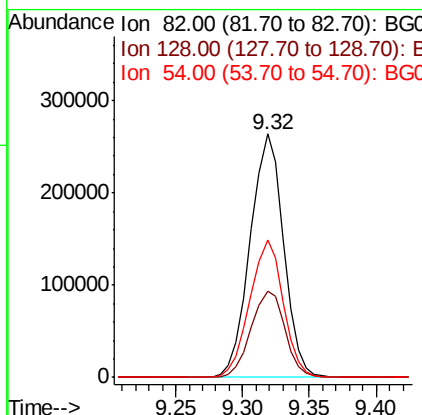
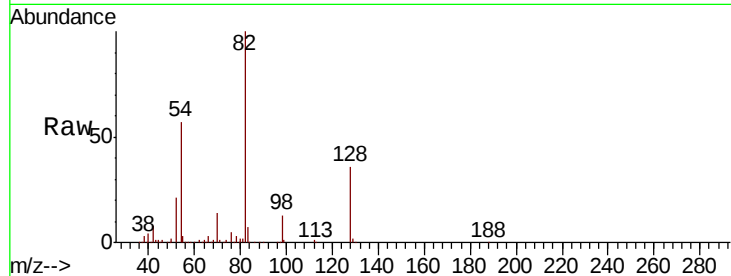
#23
 Nitrobenzene-d5
 Concen: 118.355 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.02 min
 Lab File: BG040814.D
 Acq: 9 May 2019 9:36

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-050719-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.6	28.9	43.3
54	56.6	47.2	70.8

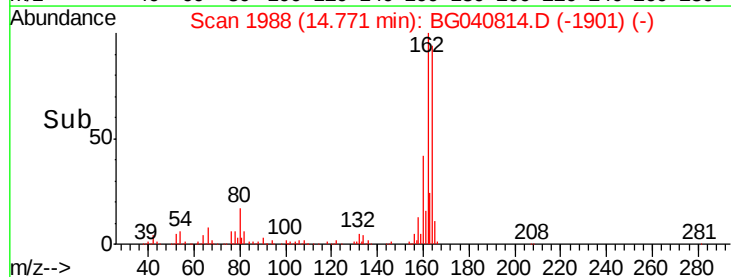
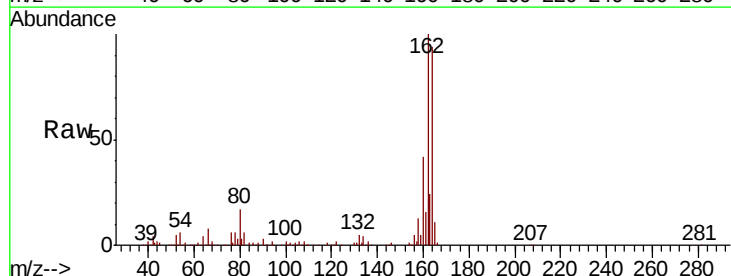
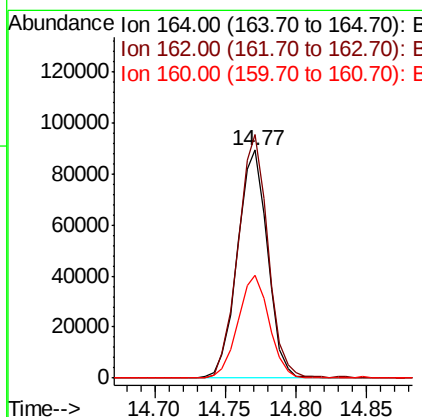
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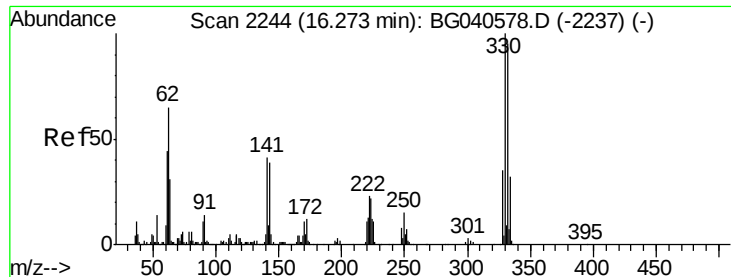
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BG040814.D
 Acq: 9 May 2019 9:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.8	81.9	122.9
160	45.3	35.4	53.2





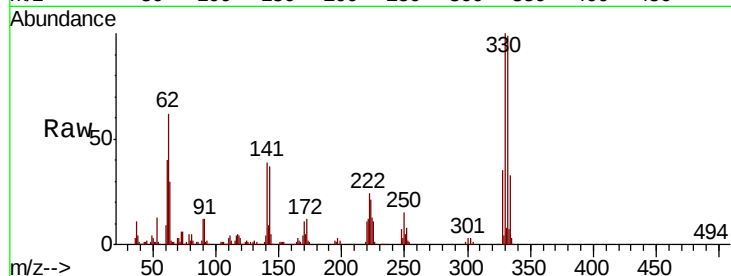
#42
 2,4,6-Tribromophenol
 Concen: 143.180 ng
 RT: 16.25 min Scan# 2240
 Delta R.T. -0.02 min
 Lab File: BG040814.D
 Acq: 9 May 2019 9:36

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-050719-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	75.9	113.9
141	37.1	32.4	48.6

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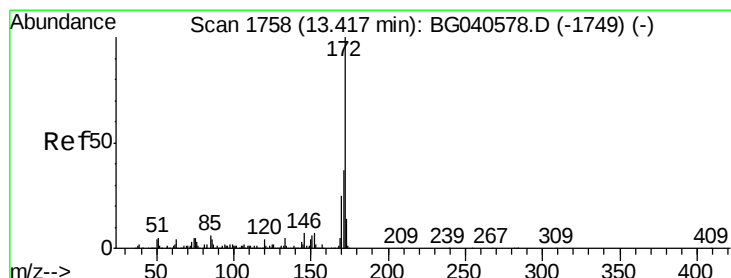
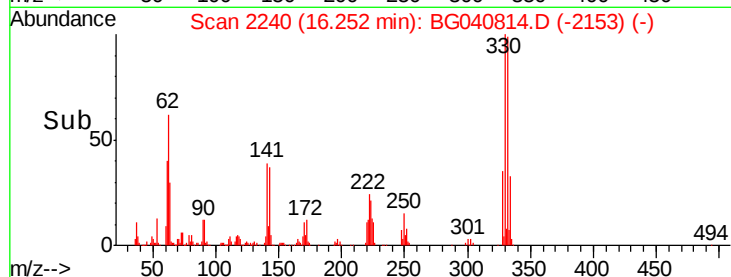
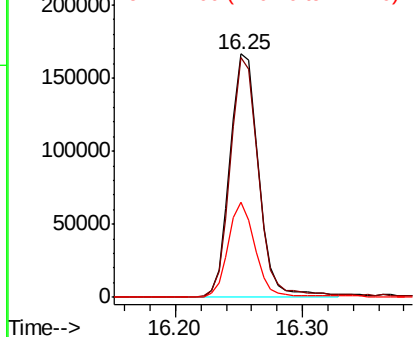


Abundance

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: 109.560 ng
 RT: 13.40 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040814.D
 Acq: 9 May 2019 9:36

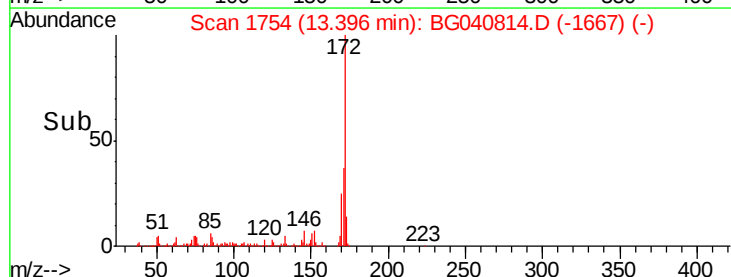
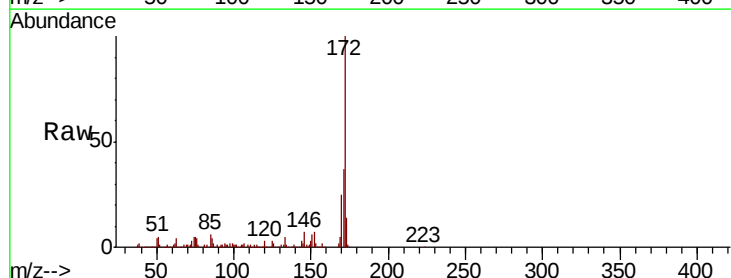
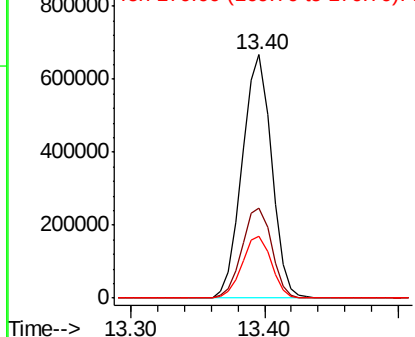
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.2
170	25.4	19.9	29.9

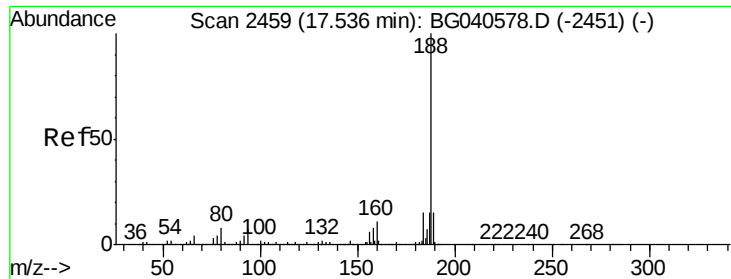
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040814.D

Acq: 9 May 2019 9:36

Instrument :

BNA_G

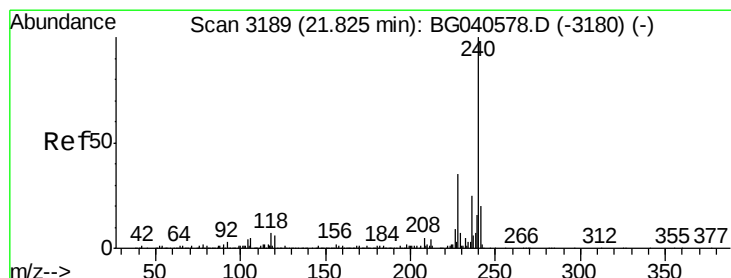
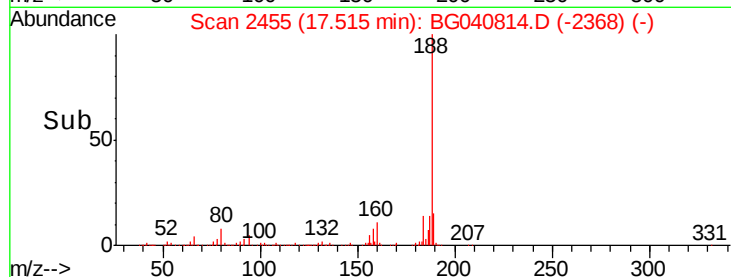
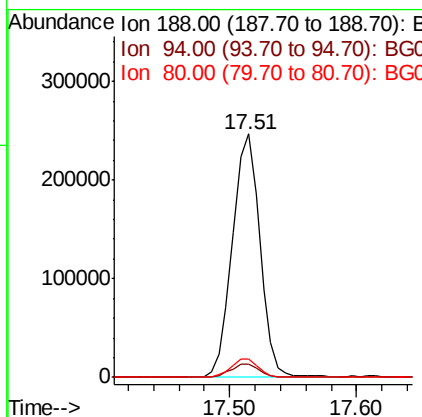
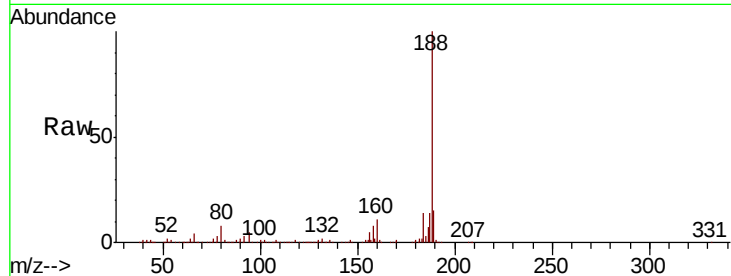
ClientSampleId :

OR-03-050719-B

Tot Ion	188	Resp	370482
Ion Ratio	Lower	Upper	
188	100		
94	5.3	5.6	8.4#
80	7.5	6.4	9.6

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#76

Chrysene-d12

Concen: 20.000 ng

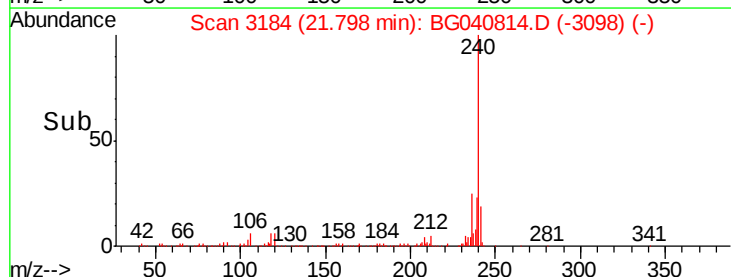
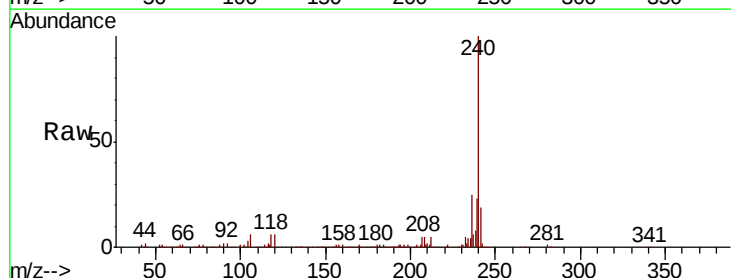
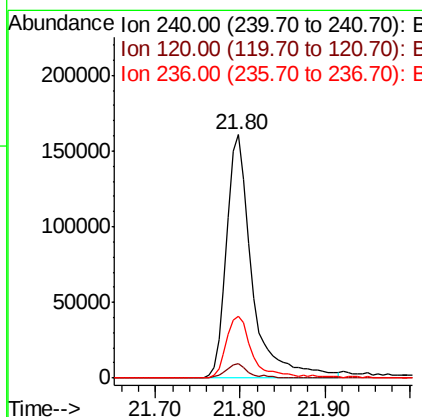
RT: 21.80 min Scan# 3184

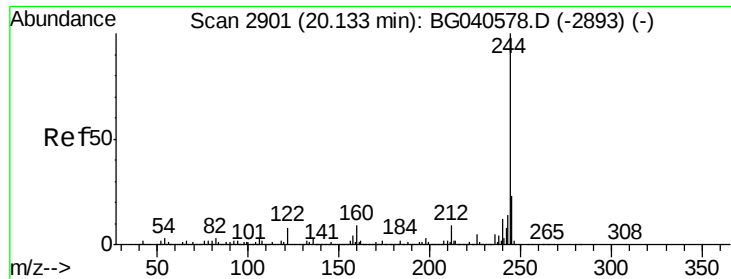
Delta R.T. -0.03 min

Lab File: BG040814.D

Acq: 9 May 2019 9:36

Tgt Ion	240	Resp	336400
Ion Ratio	Lower	Upper	
240	100		
120	5.8	5.0	7.6
236	25.4	20.3	30.5





#79

Terphenyl-d14

Concen: 130.642 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040814.D

Acq: 9 May 2019 9:36

Instrument :

BNA_G

ClientSampleId :

OR-03-050719-B

Tot Ion:244 Resp: 1983725

Ion Ratio Lower Upper

244 100

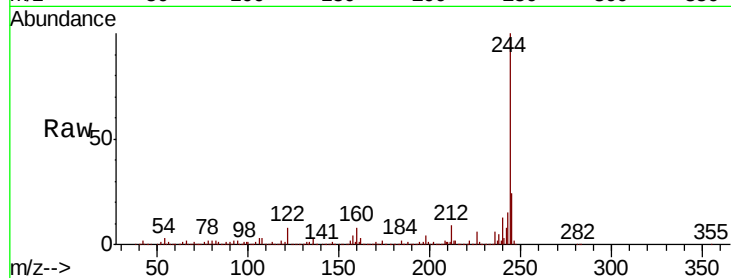
212 9.4 7.2 10.8

122 7.7 6.6 10.0

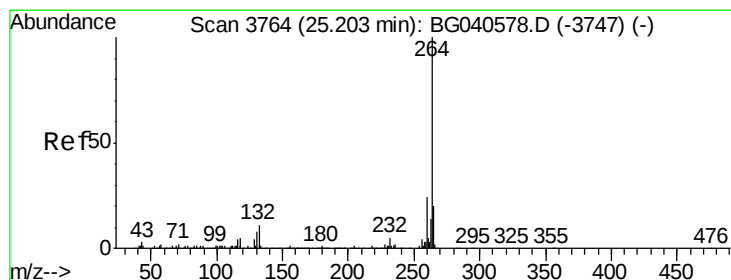
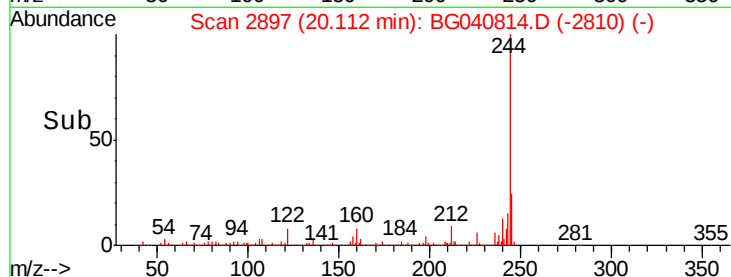
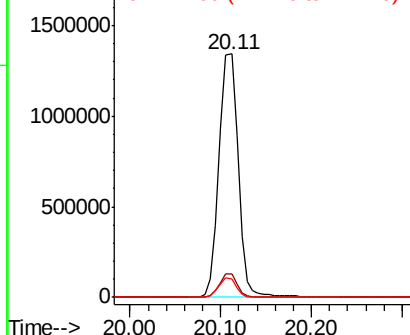
Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng m

RT: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040814.D

Acq: 9 May 2019 9:36

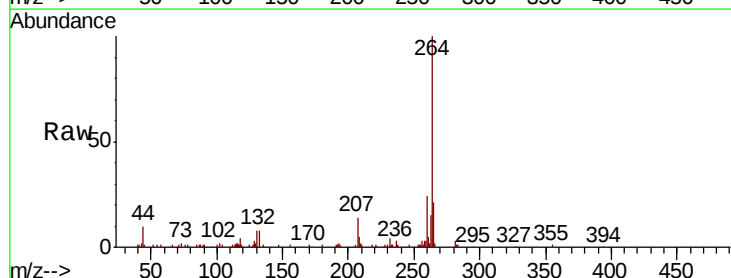
Tgt Ion:264 Resp: 234512

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.0 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

