

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
 Data File : BG040164.D
 Acq On : 27 Mar 2019 2:20
 Operator : JU/SJ
 Sample : K2103-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-3H-A

Manual Integrations
 APPROVED

Sohil
 3/27/2019 5:31:01 PM

Quant Time: Mar 27 03:51:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	36831	20.00	ng	-0.03
21) Naphthalene-d8	10.95	136	152446	20.00	ng	-0.04
39) Acenaphthene-d10	14.76	164	104314	20.00	ng	-0.03
64) Phenanthrene-d10	17.51	188	250861	20.00	ng	-0.02
76) Chrysene-d12	21.79	240	254282	20.00	ng	-0.04
87) Perylene-d12	25.15	264	253915	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	67770	31.39	ng	-0.02
7) Phenol-d6	7.28	99	62324	19.36	ng	-0.03
23) Nitrobenzene-d5	9.32	82	189890	67.37	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	84112	69.18	ng	-0.03
45) 2-Fluorobiphenyl	13.39	172	445420	60.80	ng	-0.03
79) Terphenyl-d14	20.10	244	653444	56.58	ng	-0.02
Target Compounds						
31) Naphthalene	11.01	128	19003	2.354	ng	Qvalue # 95
37) 2-Methylnaphthalene	12.60	142	19900	3.298	ng	95
38) 1-Methylnaphthalene	12.82	142	18796m	3.205	ng	

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

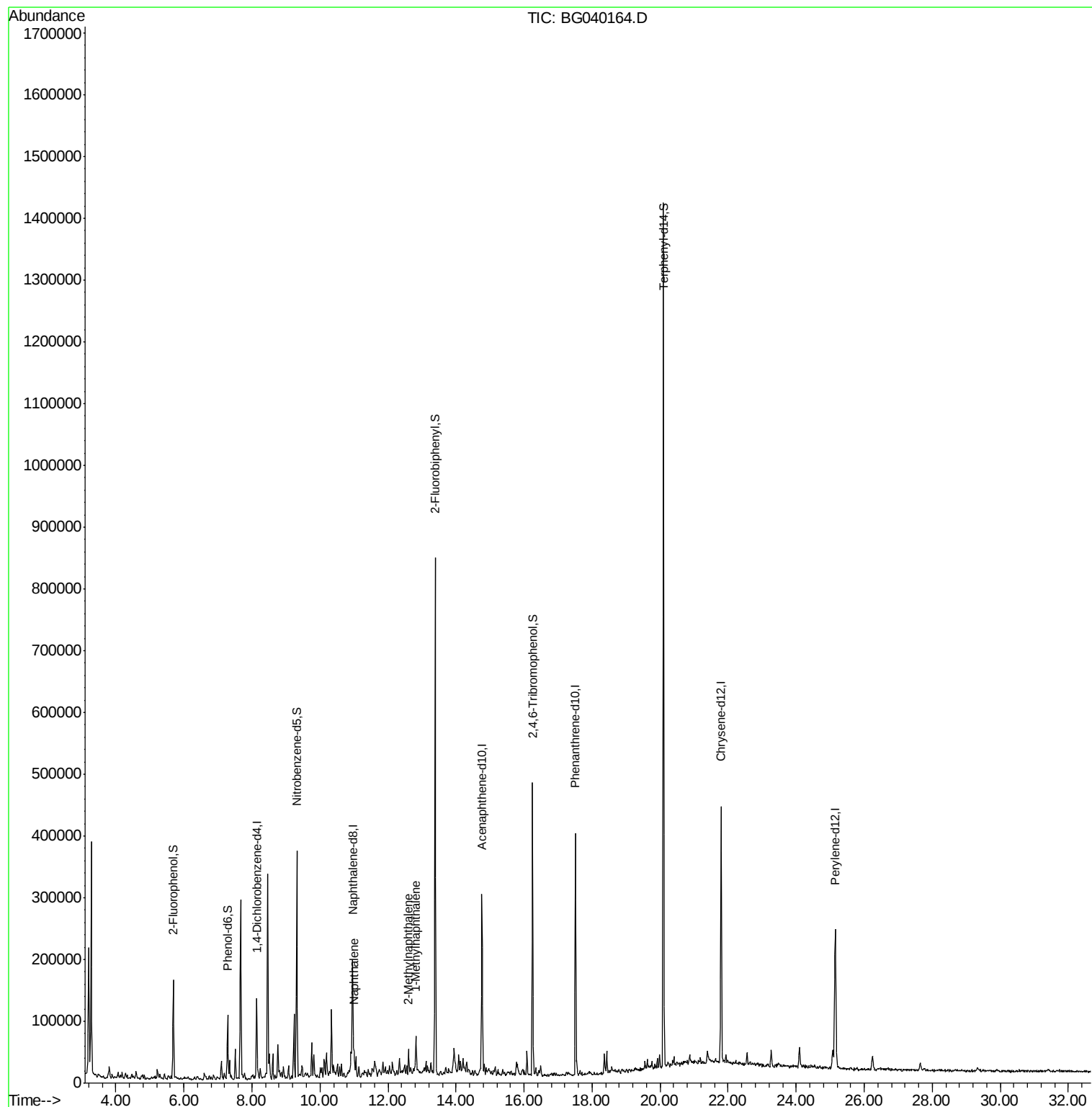
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
Data File : BG040164.D
Acq On : 27 Mar 2019 2:20
Operator : JU/SJ
Sample : K2103-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

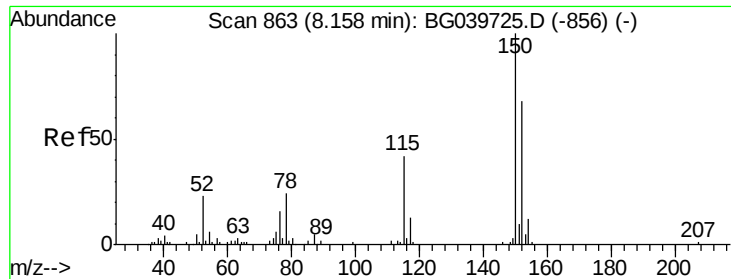
Instrument :
BNA_G
ClientSampleId :
SHORE-RD-CLVRT-STLD-3H-A

Manual Integrations
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3/27/2019 5:31:01 PM

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#1

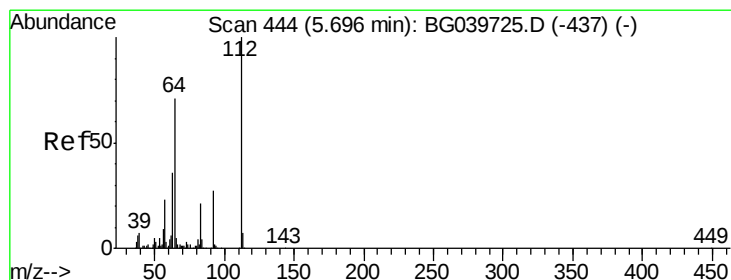
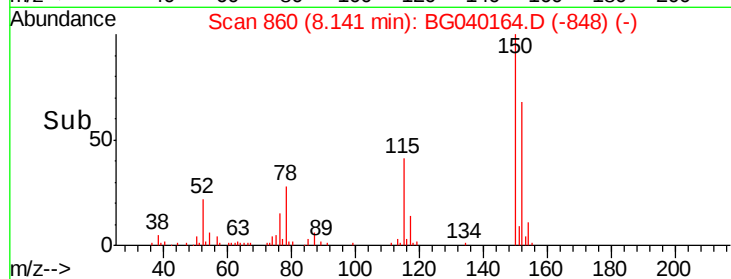
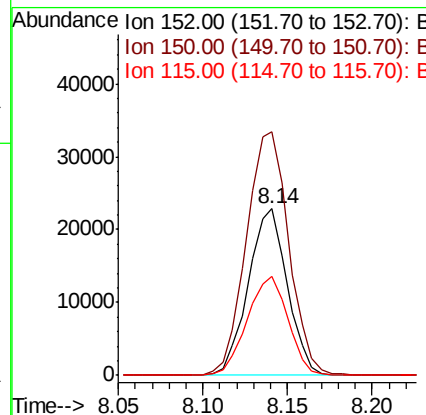
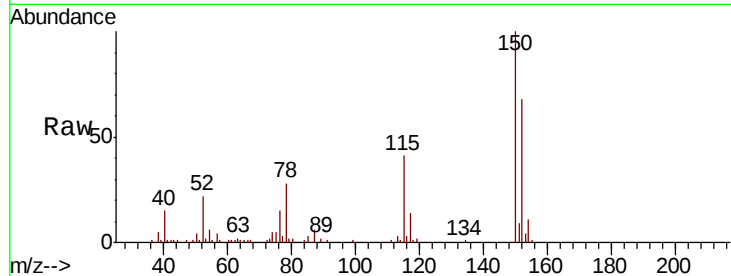
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG040164.D
Acq: 27 Mar 2019 2:20

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-CLVRT-STLD-3H-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.3	123.7	185.5
115	59.4	45.9	68.9

Manual Integrations
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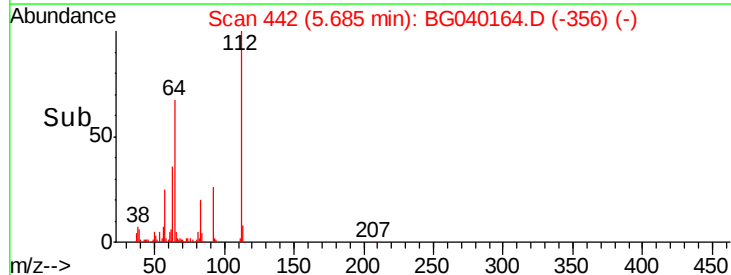
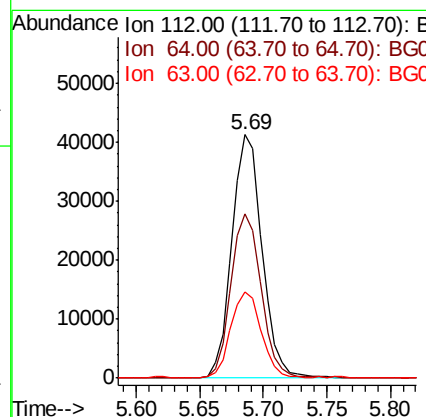
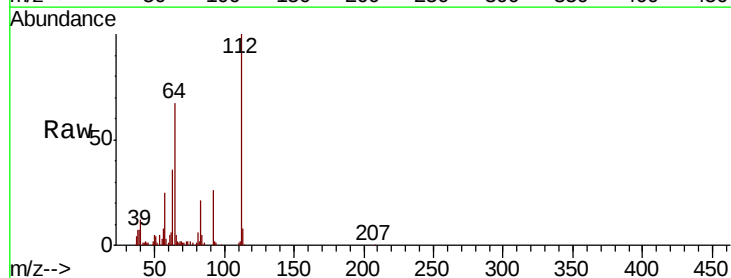
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#5

2-Fluorophenol
Concen: 31.391 ng
RT: 5.69 min Scan# 442
Delta R.T. -0.02 min
Lab File: BG040164.D
Acq: 27 Mar 2019 2:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	57.8	86.8
63	35.7	29.8	44.6





#7

Phenol-d6

Concen: 19.361 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.03 min

Lab File: BG040164.D

Acq: 27 Mar 2019 2:20

Instrument :

BNA_G

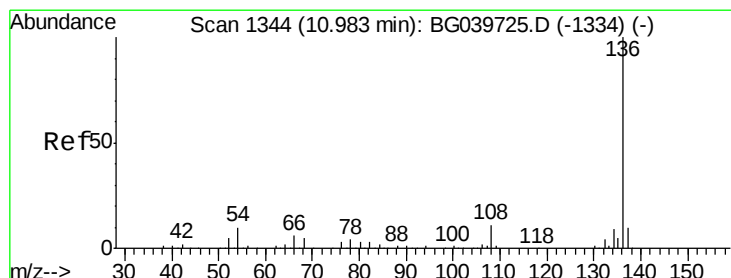
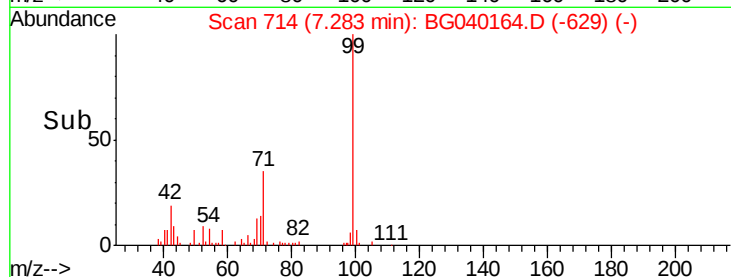
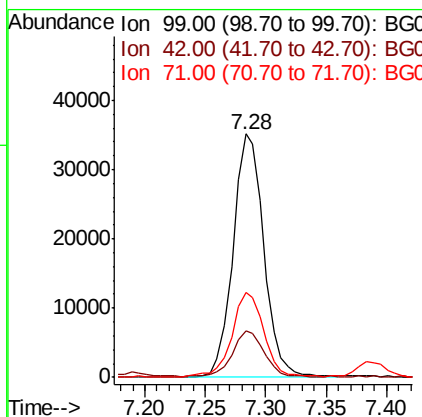
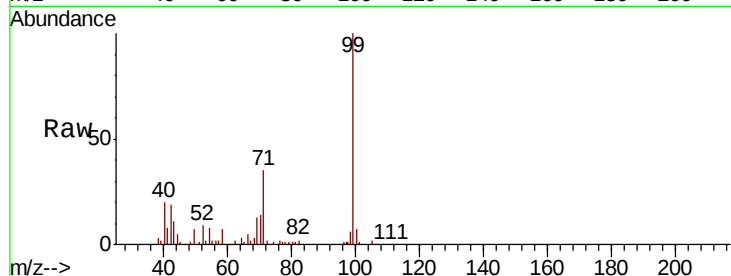
ClientSampleId :

SHORE-RD-CLVRT-STLD-3H-A

Tot Ion:	99	Resp:	62324
Ion	Ratio	Lower	Upper
99	100		
42	19.3	18.2	27.2
71	34.9	28.0	42.0

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#21

Naphthalene-d8

Concen: 20.000 ng

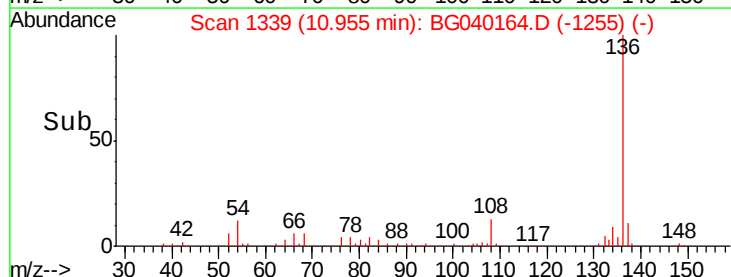
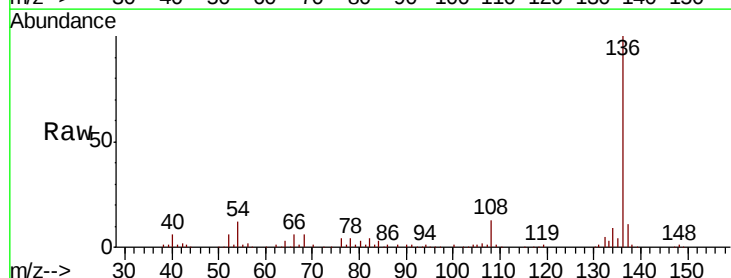
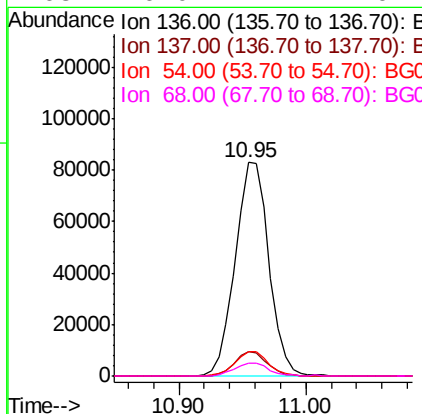
RT: 10.95 min Scan# 1339

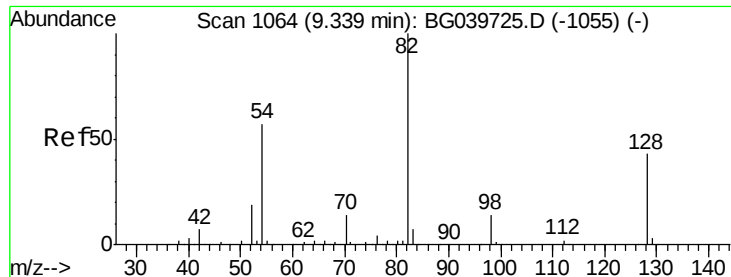
Delta R.T. -0.04 min

Lab File: BG040164.D

Acq: 27 Mar 2019 2:20

Tgt Ion:	136	Resp:	152446
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	11.7	9.4	14.2
68	6.0	4.2	6.4





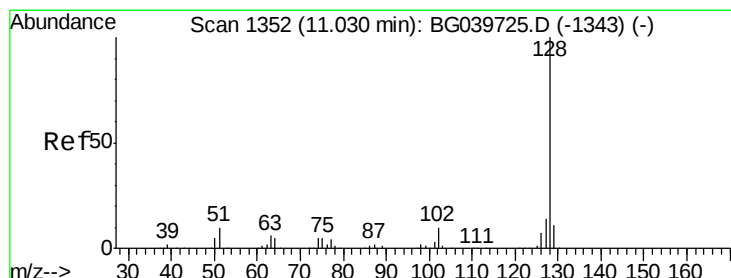
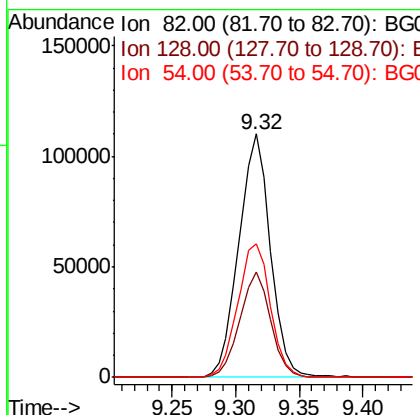
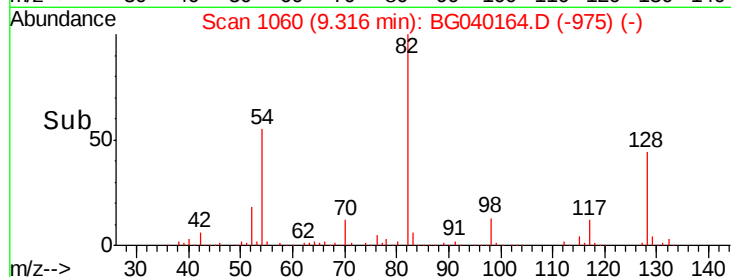
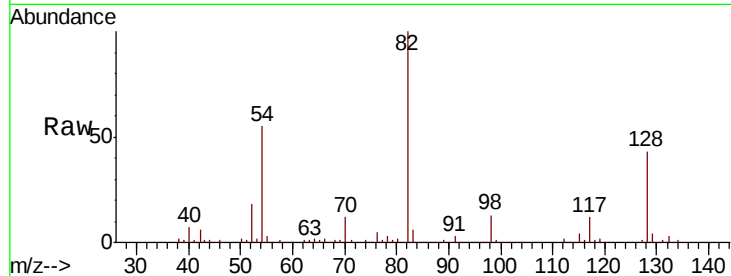
#23
Nitrobenzene-d5
Concen: 67.368 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040164.D
Acq: 27 Mar 2019 2:20

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-CLVRT-STLD-3H-A

Tot Ion	Ratio	Resp	Lower	Upper
82	100	189890		
128	43.4	31.3	46.9	
54	55.0	50.9	76.3	

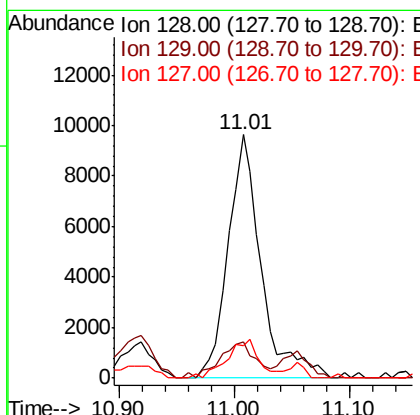
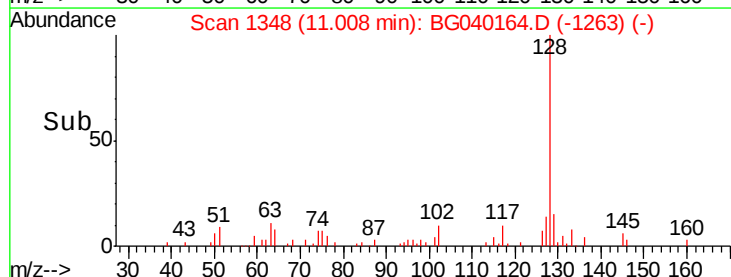
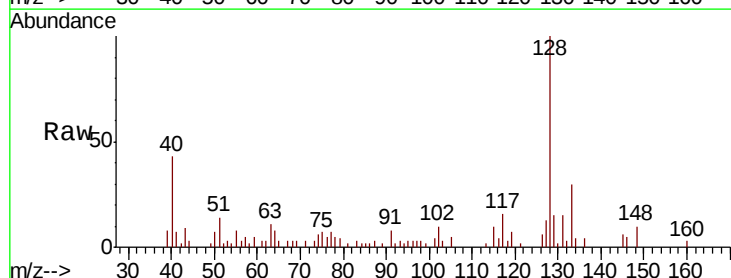
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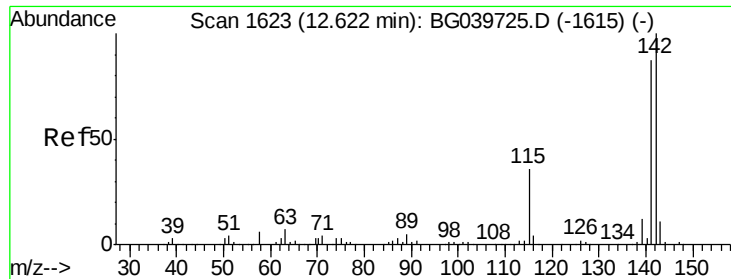
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#31
Naphthalene
Concen: 2.354 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BG040164.D
Acq: 27 Mar 2019 2:20

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	19003		
129	14.9	8.7	13.1#	
127	13.3	10.8	16.2	





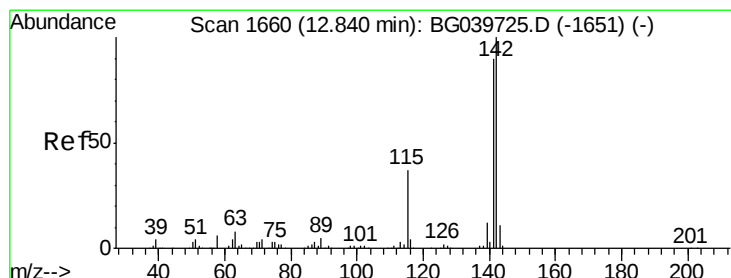
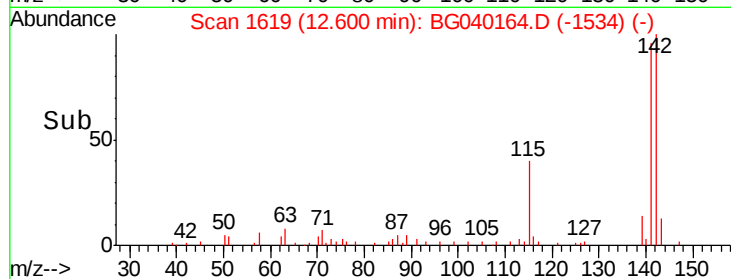
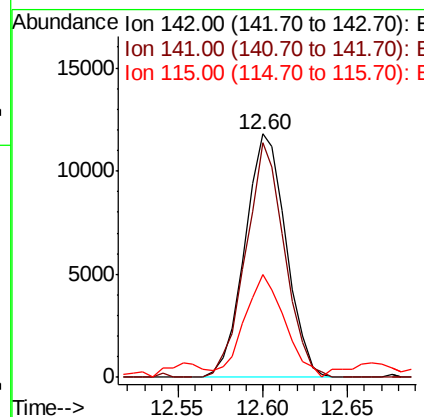
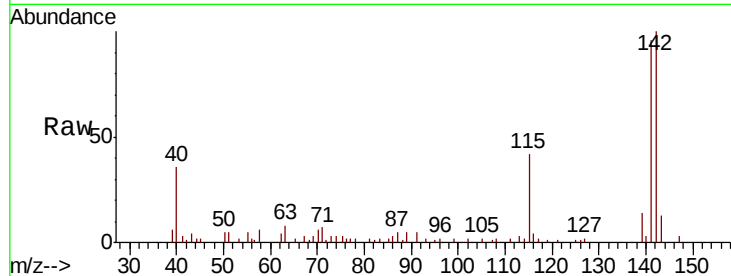
#37
2-Methylnaphthalene
Concen: 3.298 ng
RT: 12.60 min Scan# 1619
Delta R.T. -0.03 min
Lab File: BG040164.D
Acq: 27 Mar 2019 2:20

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-CLVRT-STLD-3H-A

Tot Ion	Ratio	Lower	Upper
142	100		
141	96.4	73.5	110.3
115	42.1	30.8	46.2

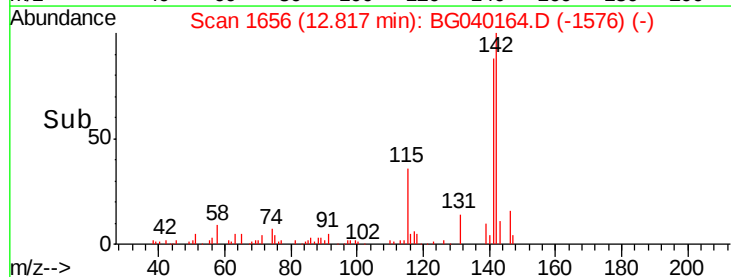
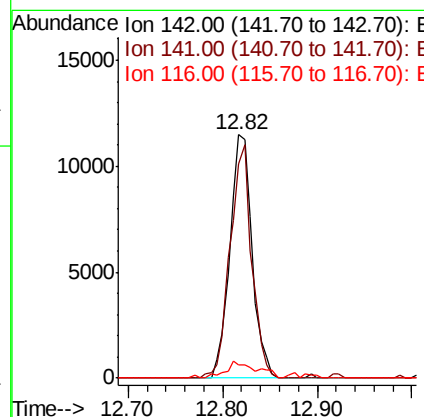
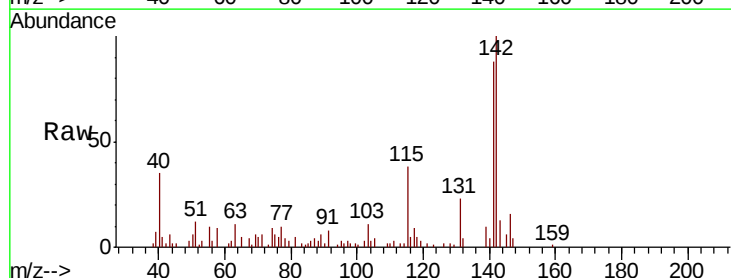
Manual Integrations
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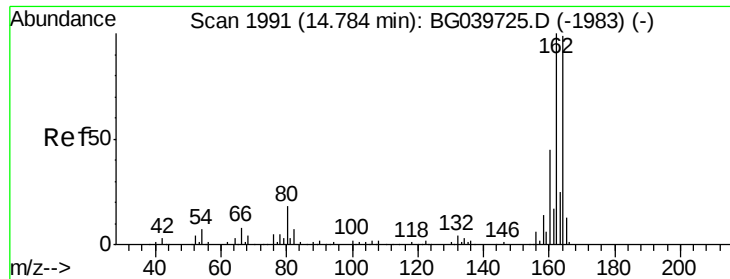
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#38
1-Methylnaphthalene
Concen: 3.205 ng m
RT: 12.82 min Scan# 1656
Delta R.T. -0.03 min
Lab File: BG040164.D
Acq: 27 Mar 2019 2:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.9	74.2	111.4
116	5.4	3.0	4.6#





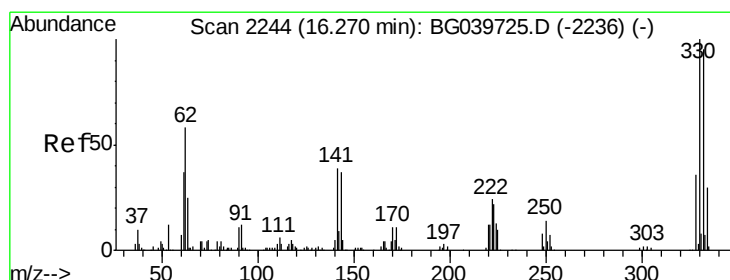
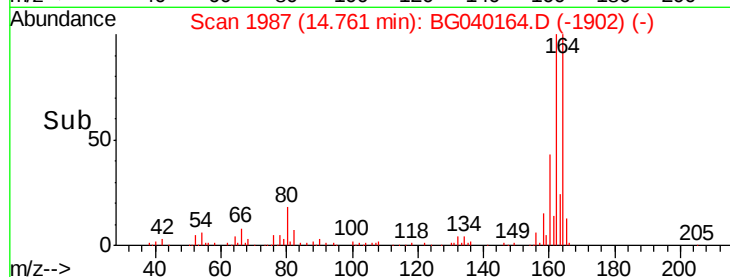
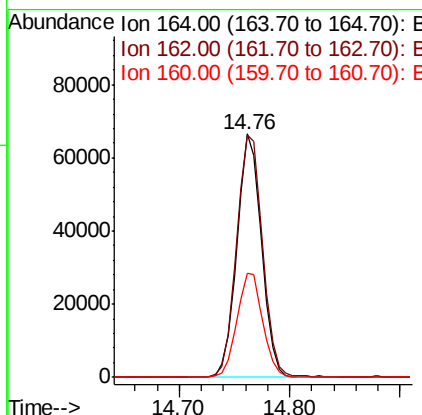
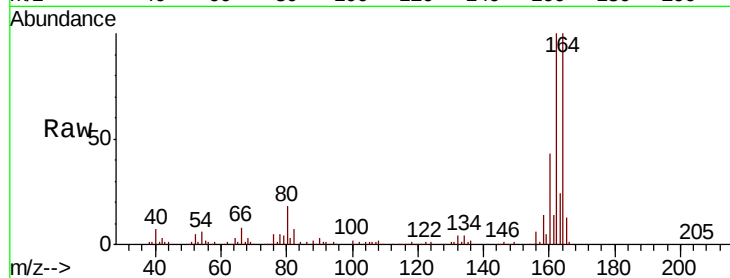
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.03 min
Lab File: BG040164.D
Acq: 27 Mar 2019 2:20

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-CLVRT-STLD-3H-A

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	99.6	81.6	122.4	
160	42.5	34.2	51.2	

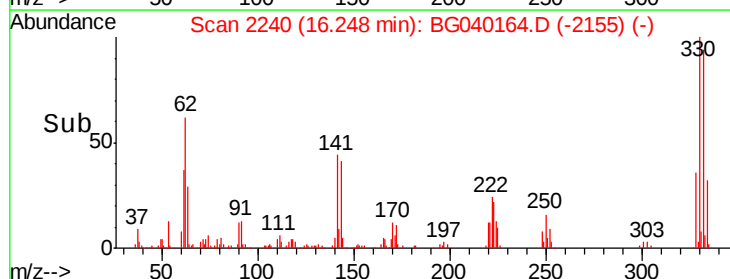
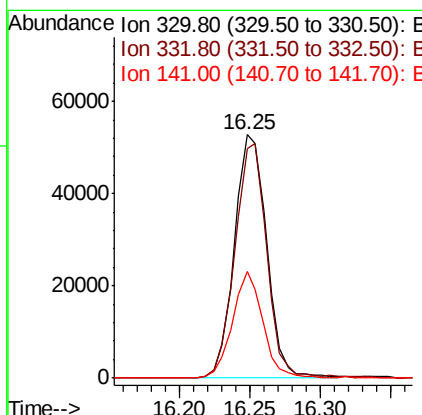
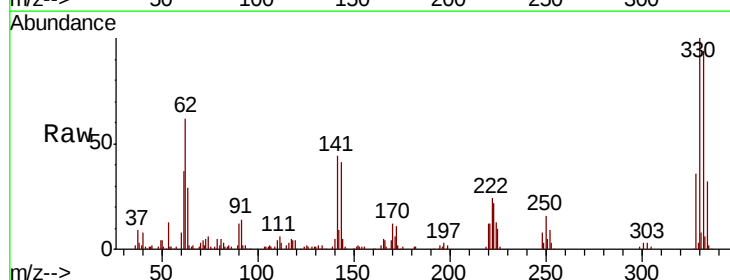
Manual Integrations
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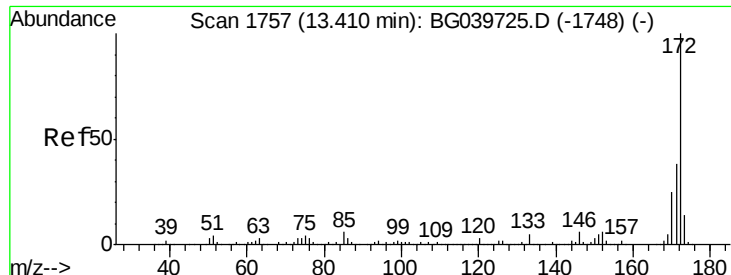
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#42
2,4,6-Tribromophenol
Concen: 69.179 ng
RT: 16.25 min Scan# 2240
Delta R.T. -0.03 min
Lab File: BG040164.D
Acq: 27 Mar 2019 2:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.8	75.7	113.5	
141	41.3	35.6	53.4	





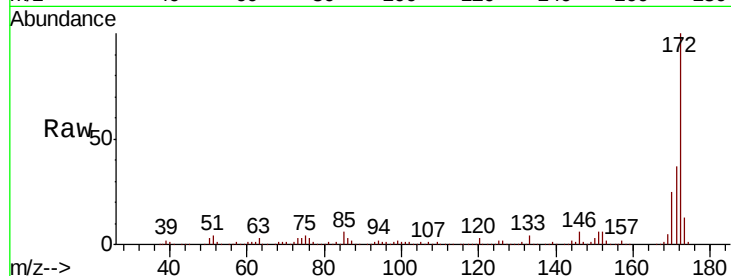
#45
 2-Fluorobiphenyl
 Concen: 60.797 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040164.D
 Acq: 27 Mar 2019 2:20

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-CLVRT-STLD-3H-A

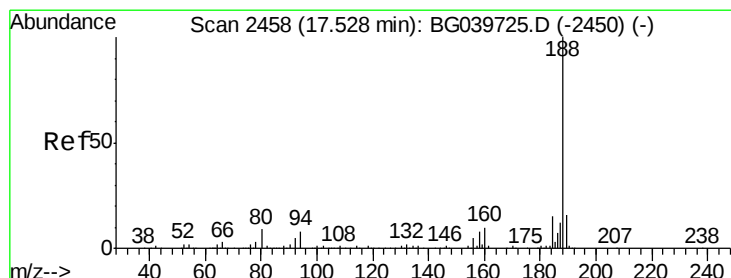
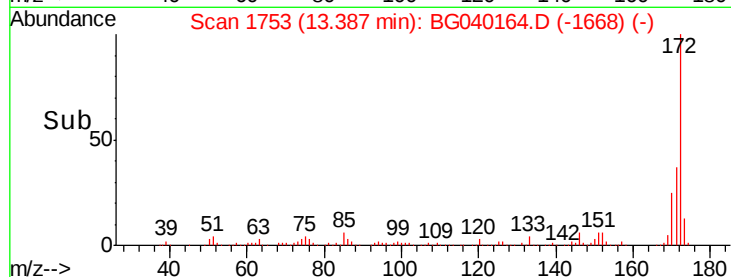
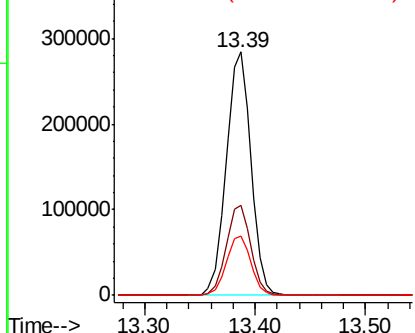
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.8	46.2
170	24.5	20.2	30.4

Manual Integrations
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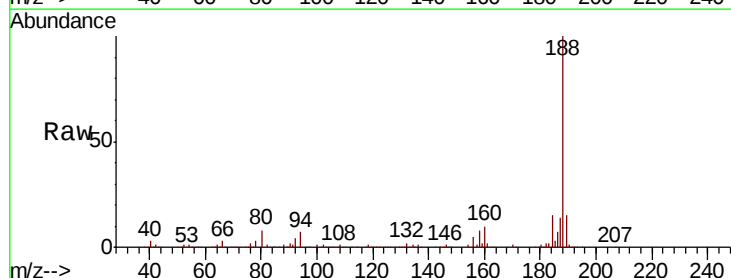


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

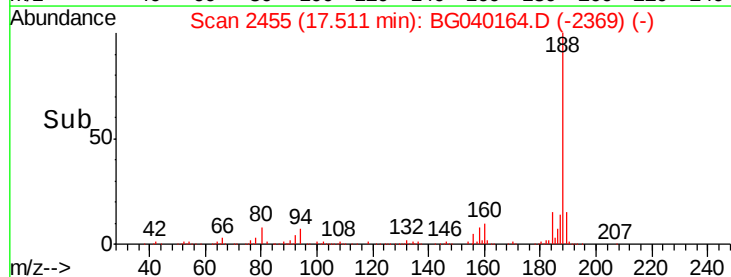
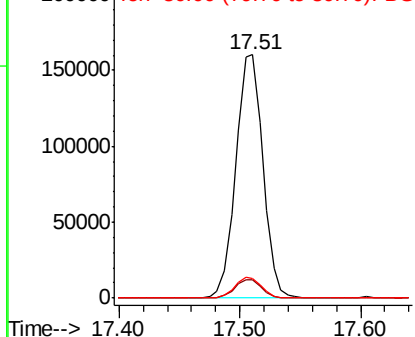


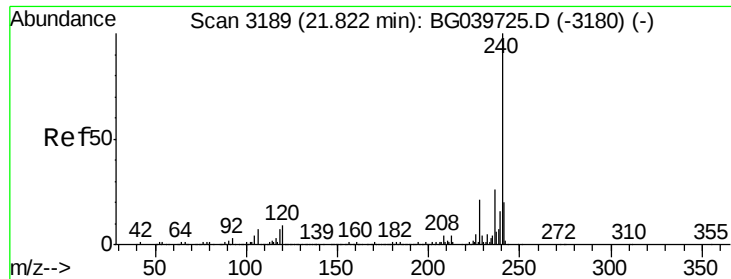
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG040164.D
 Acq: 27 Mar 2019 2:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	8.0	8.1	12.1#



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG





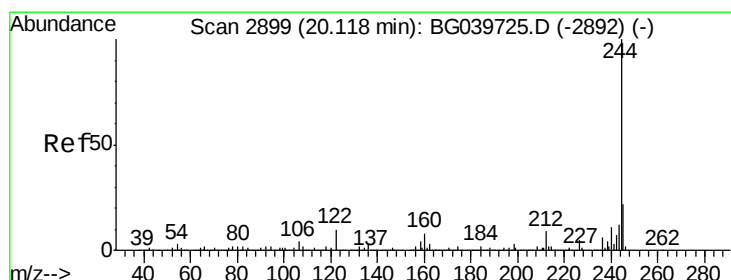
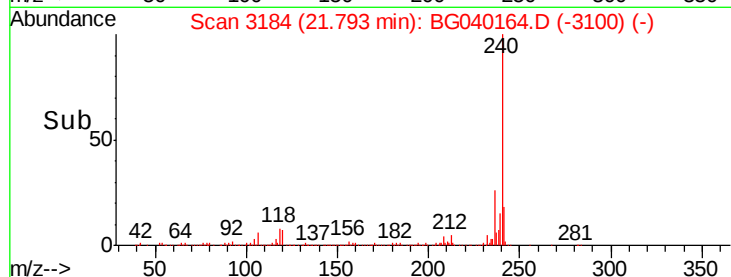
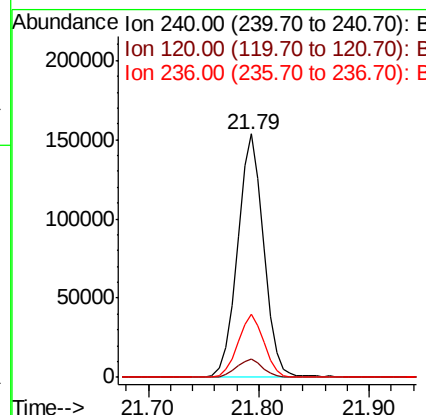
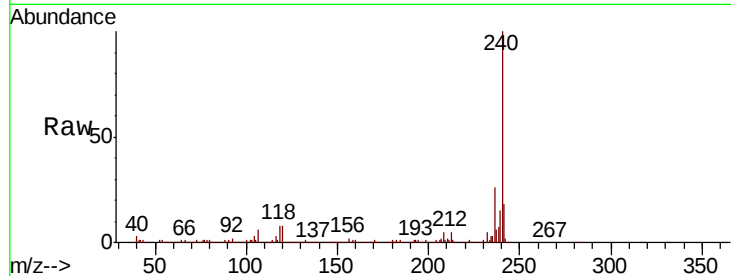
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.04 min
Lab File: BG040164.D
Acq: 27 Mar 2019 2:20

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-CLVRT-STLD-3H-A

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.6	7.0	10.6
236	25.8	21.0	31.4

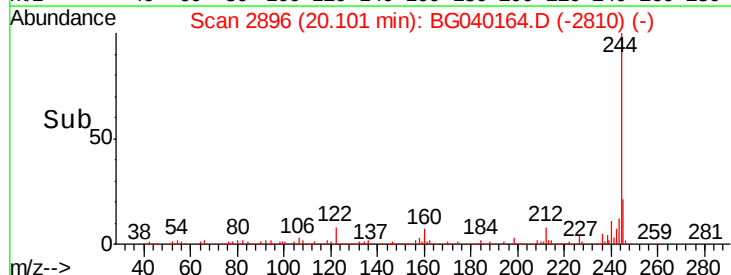
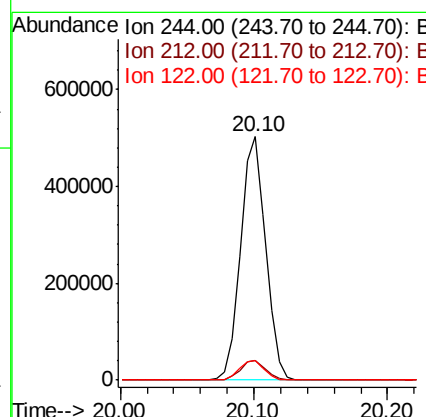
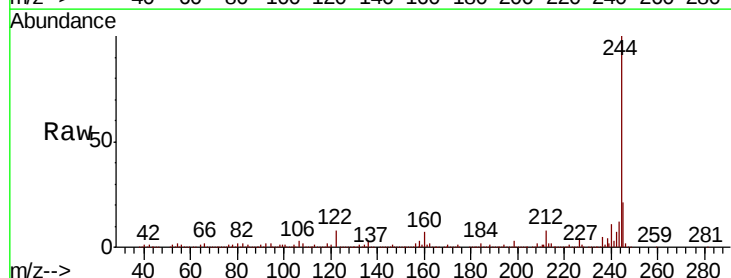
Manual Integrations
APPROVED

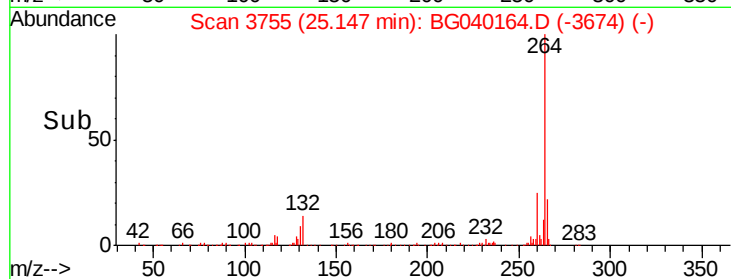
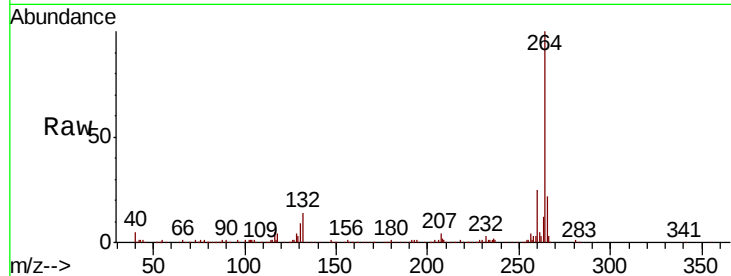
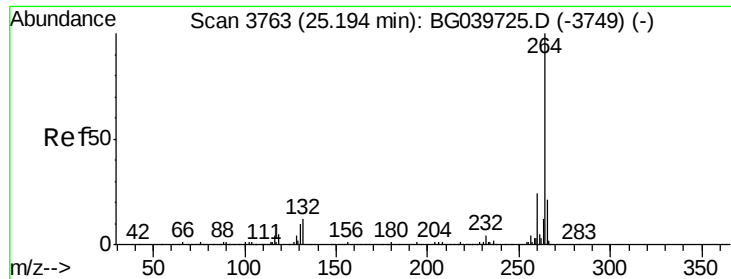
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#79
Terphenyl-d14
Concen: 56.581 ng
RT: 20.10 min Scan# 2896
Delta R.T. -0.02 min
Lab File: BG040164.D
Acq: 27 Mar 2019 2:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	7.3	10.9
122	8.1	8.4	12.6#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3755
Delta R.T. -0.05 min
Lab File: BG040164.D
Acq: 27 Mar 2019 2:20

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-CLVRT-STLD-3H-A

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.6	18.2	27.4
265	22.0	18.5	27.7

Manual Integrations
APPROVED

Sohil
3/27/2019 5:31:01 PM

