

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043397.D
 Acq On : 30 Oct 2019 7:10
 Operator : JU
 Sample : K5576-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-4

Manual Integrations
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Quant Time: Oct 30 09:23:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	42888	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	152913	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	112067	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	256020	20.00	ng	0.00
76) Chrysene-d12	21.66	240	291359	20.00	ng	-0.01
87) Perylene-d12	24.86	264	353042	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	96330	41.16	ng	0.00
7) Phenol-d6	7.21	99	135335	40.19	ng	0.00
23) Nitrobenzene-d5	9.19	82	242402	81.73	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	82580	38.72	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	646667	79.74	ng	0.00
79) Terphenyl-d14	20.01	244	1358313	87.46	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.10	163	72337	8.333	ng	Qvalue 99
77) Benzidine	19.64	184	52974m	9.034	ng	

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

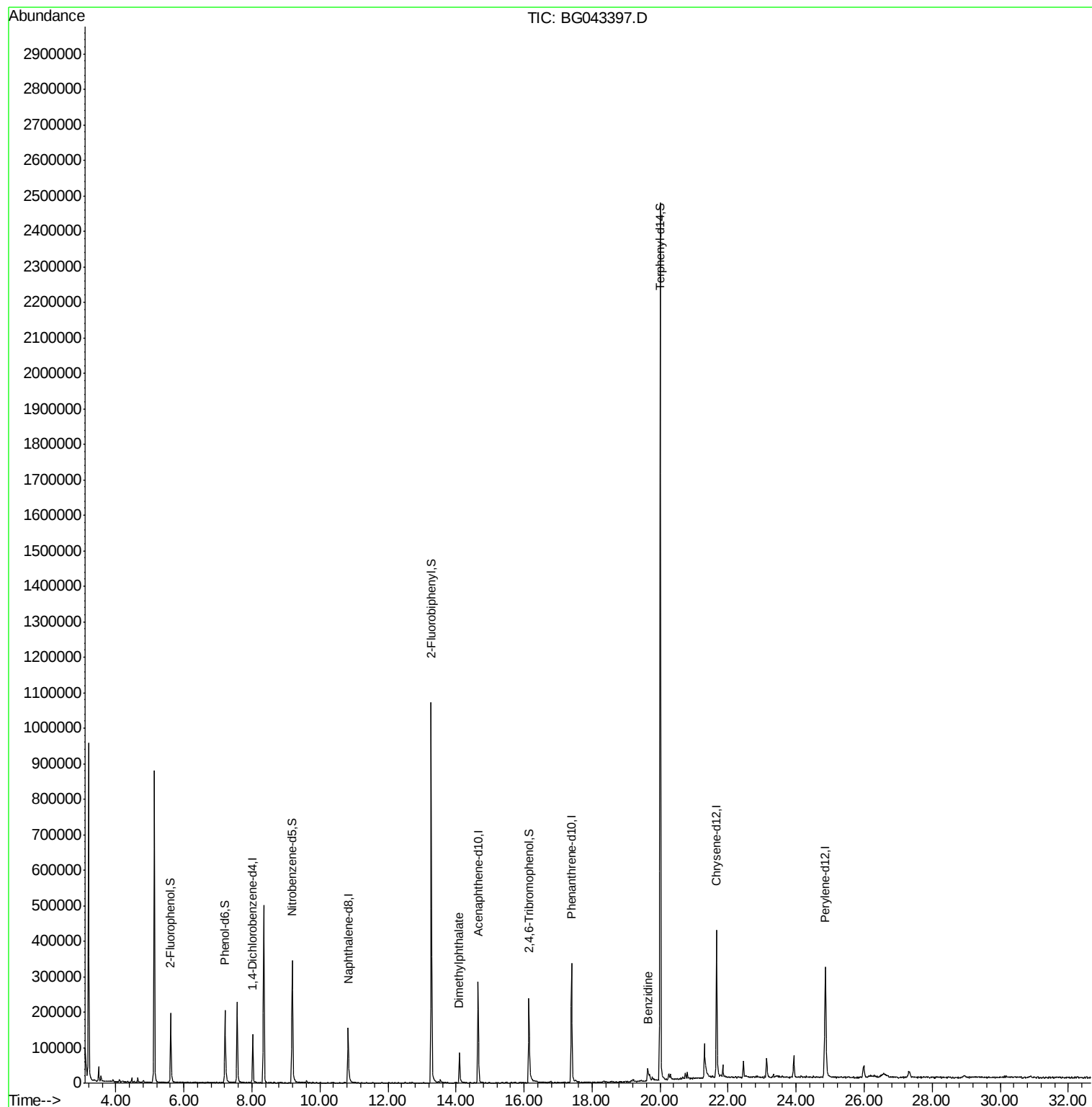
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
Data File : BG043397.D
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Operator : JU
Sample : K5576-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

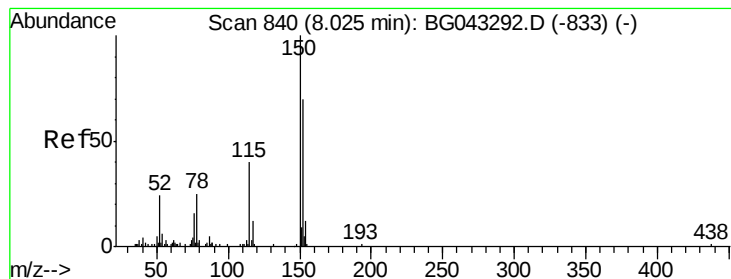
Instrument :
BNA_G
ClientSampleId :
CSA-2-1-4

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Quant Time: Oct 30 09:23:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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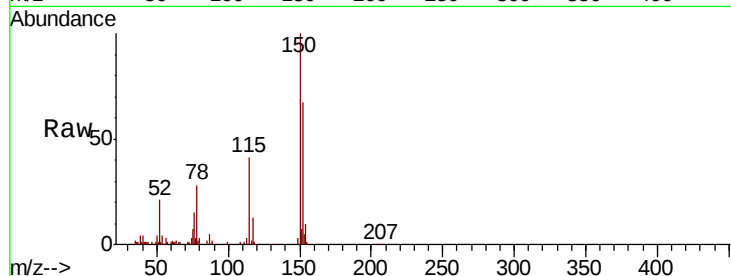
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG043397.D
 Acq: 30 Oct 2019 7:10

Instrument :
 BNA_G
 ClientSampleID :
 CSA-2-1-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.1	113.6	170.4
115	60.6	45.9	68.9

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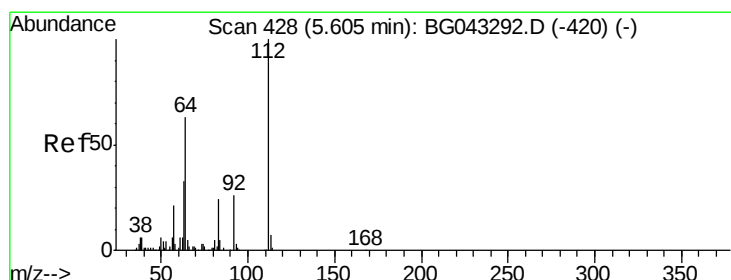
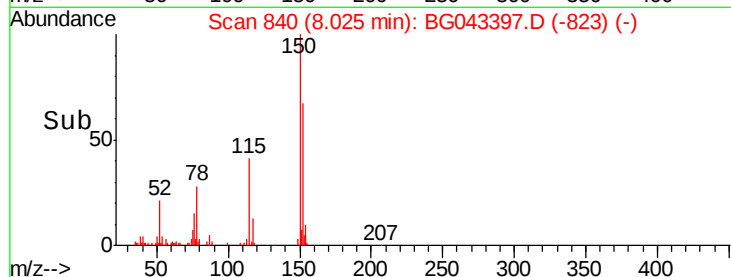
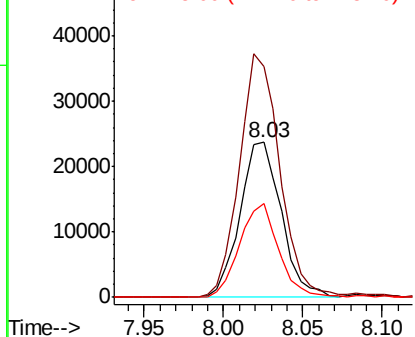


Abundance

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: 41.158 ng
 RT: 5.61 min Scan# 428
 Delta R.T. 0.01 min
 Lab File: BG043397.D
 Acq: 30 Oct 2019 7:10

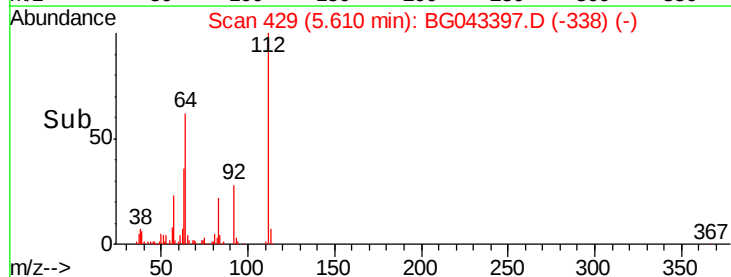
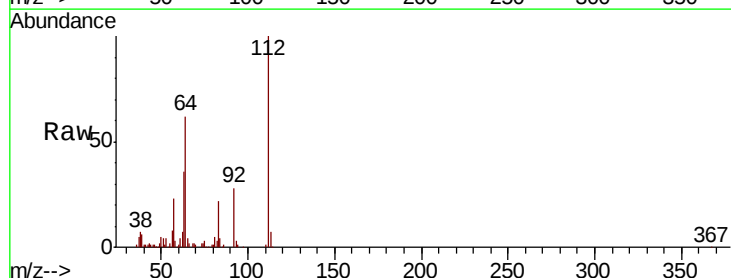
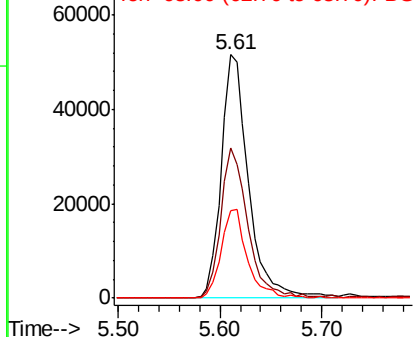
Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.6	50.2	75.2
63	35.9	26.7	40.1

Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 40.190 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043397.D

Acq: 30 Oct 2019 7:10

Instrument :

BNA_G

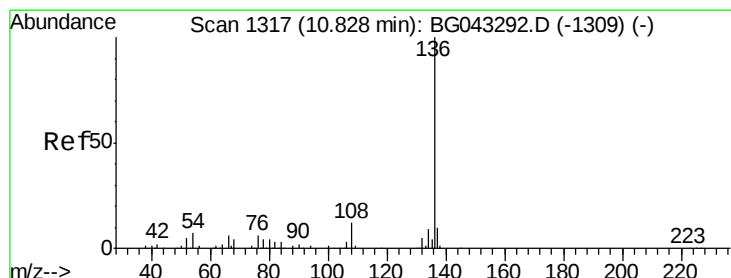
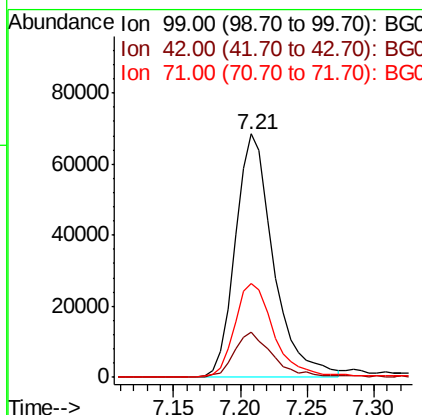
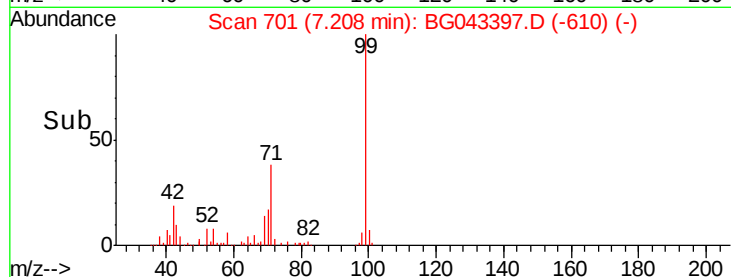
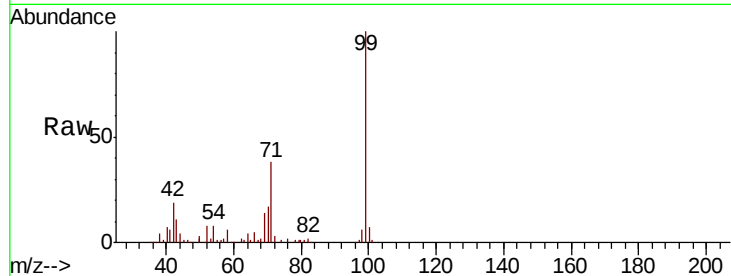
ClientSampleId :

CSA-2-1-4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		135335		
42	18.7	14.9	22.3		
71	38.4	32.2	48.2		

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#21

Naphthalene-d8

Concen: 20.000 ng

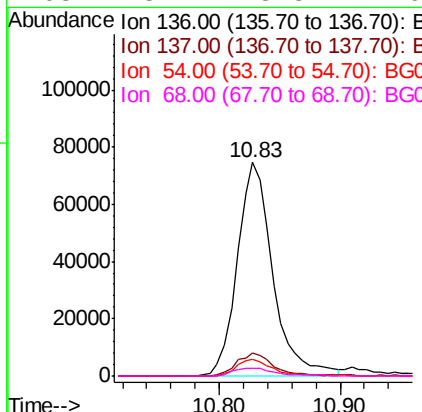
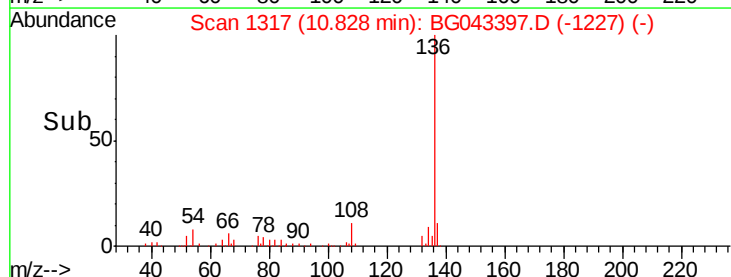
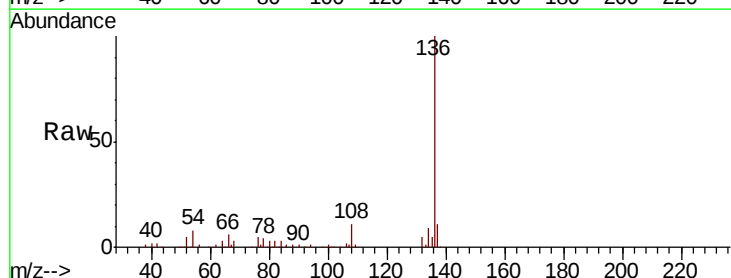
RT: 10.83 min Scan# 1317

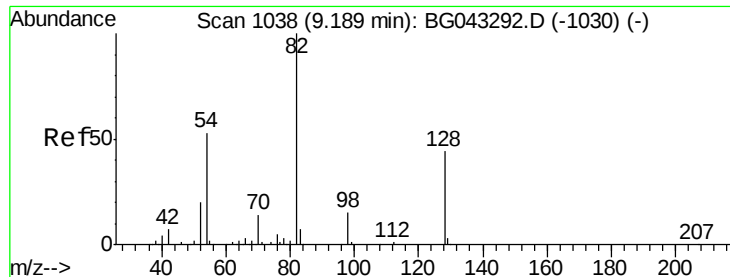
Delta R.T. -0.00 min

Lab File: BG043397.D

Acq: 30 Oct 2019 7:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		152913		
137	10.7	8.2	12.2		
54	7.6	5.4	8.2		
68	3.4	3.3	4.9		





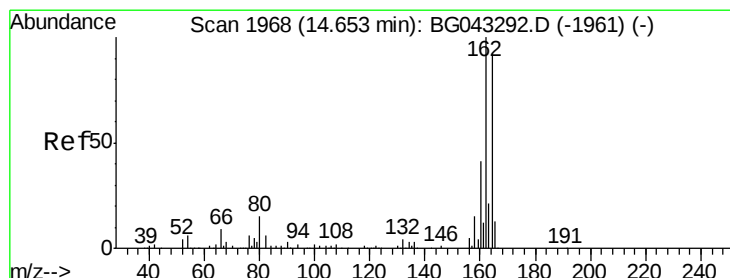
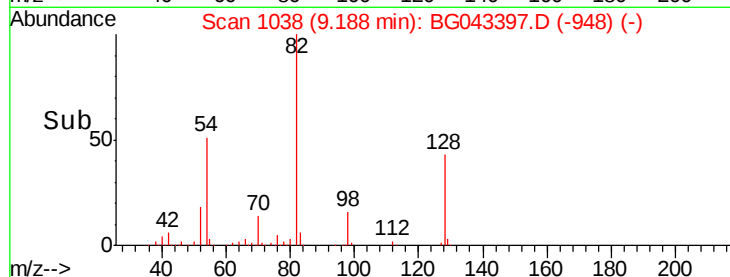
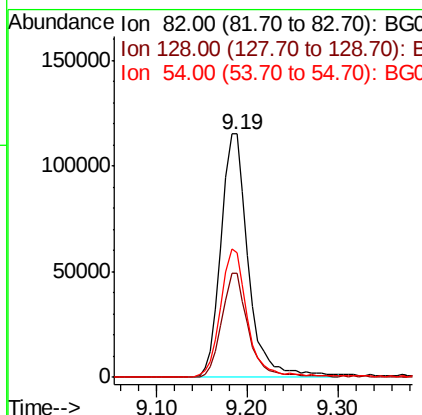
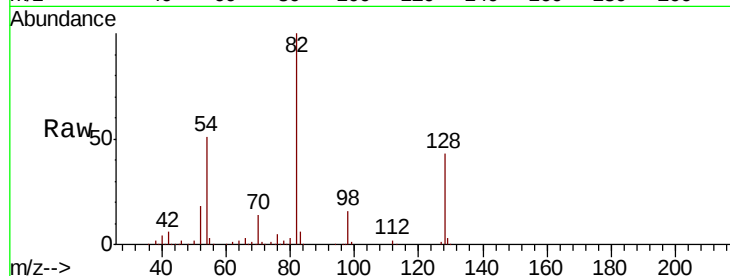
#23
Nitrobenzene-d5
Concen: 81.726 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043397.D
Acq: 30 Oct 2019 7:10

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-4

Tot Ion	82	Resp	242402
Ion Ratio	100	Lower	Upper
128	42.7	35.3	52.9
54	51.4	42.3	63.5

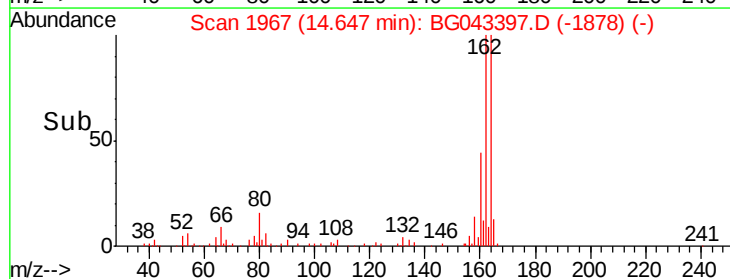
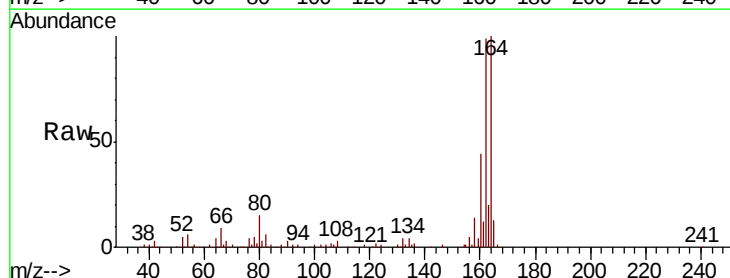
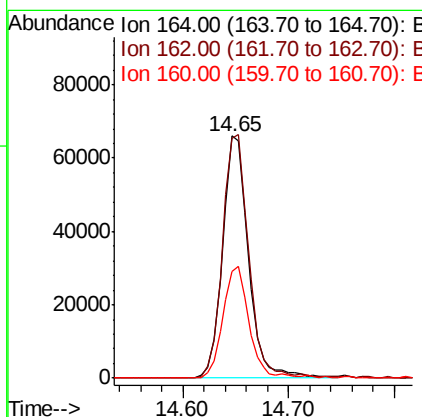
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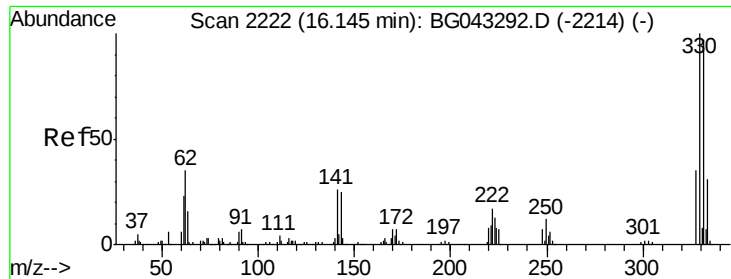
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG043397.D
Acq: 30 Oct 2019 7:10

Tgt Ion	164	Resp	112067
Ion Ratio	100	Lower	Upper
162	98.9	87.0	130.4
160	43.8	35.5	53.3





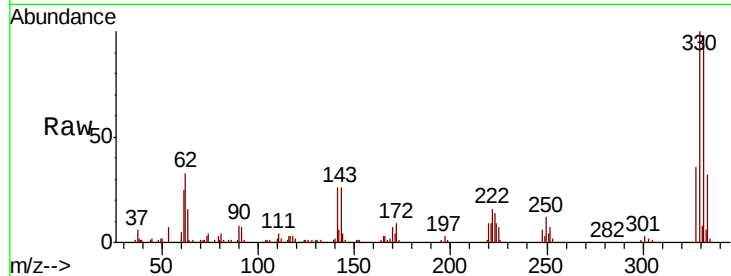
#42
 2,4,6-Tribromophenol
 Concen: 38.722 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG043397.D
 Acq: 30 Oct 2019 7:10

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-4

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.4	114.6
141	25.8	21.4	32.0

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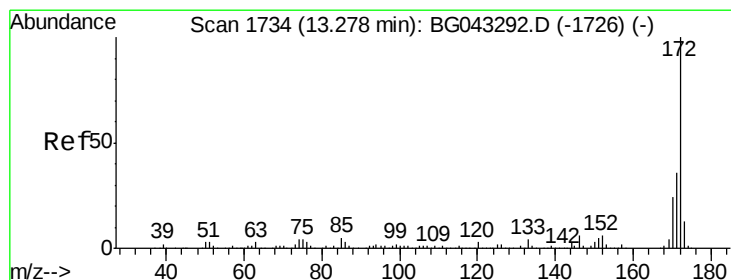
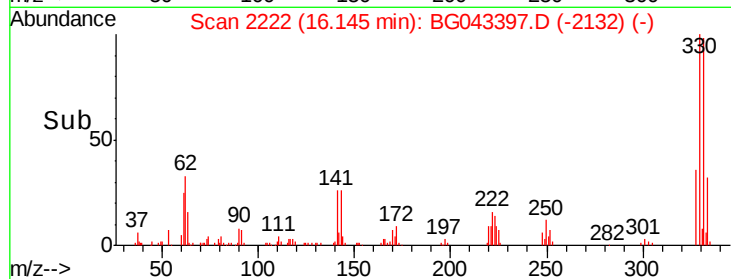
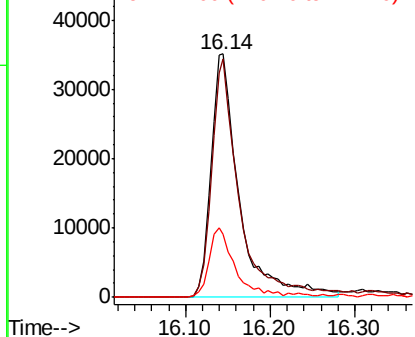


Abundance

Ion 329.80 (329.50 to 330.50): E

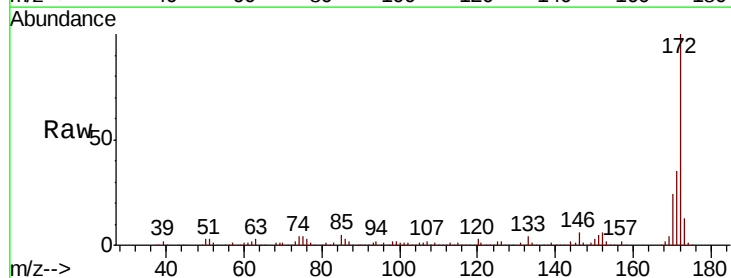
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 79.735 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043397.D
 Acq: 30 Oct 2019 7:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.7	18.8	28.2

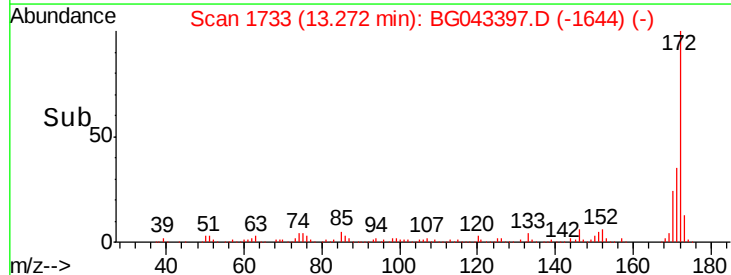
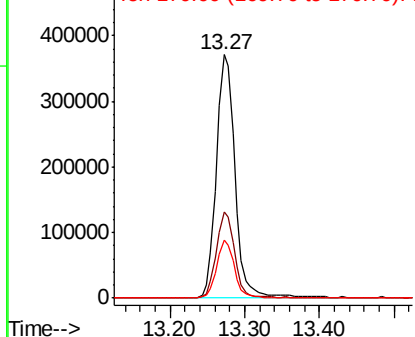


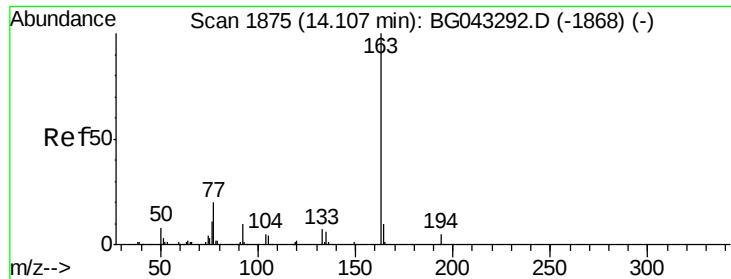
Abundance

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





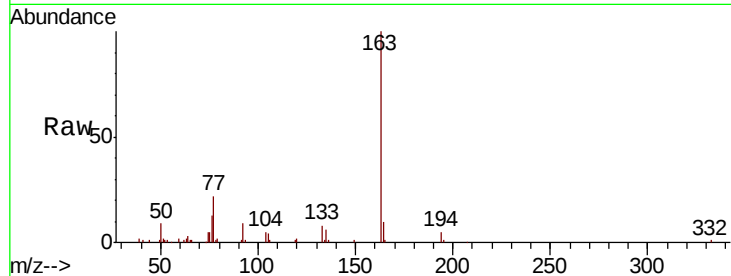
#50
Dimethylphthalate
Concen: 8.333 ng
RT: 14.10 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG043397.D
Acq: 30 Oct 2019 7:10

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-4

Tot Ion	Ratio	Resp	Lower	Upper
163	100	72337		
194	4.9		3.7	5.5
164	10.3		8.1	12.1

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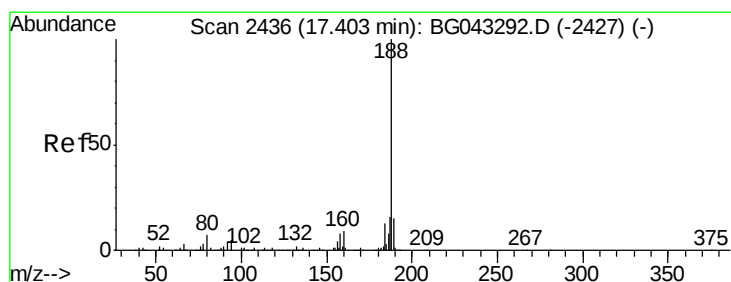
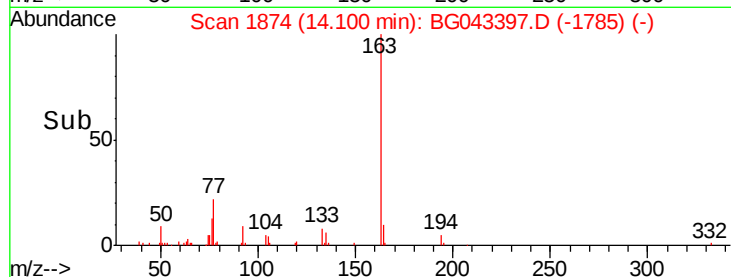
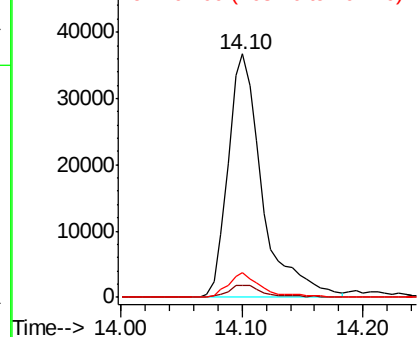


Abundance

Ion 163.00 (162.70 to 163.70): E

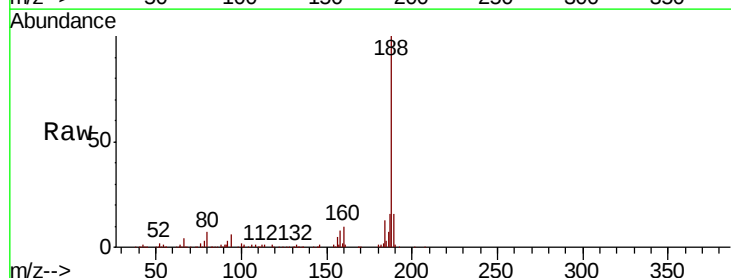
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043397.D
Acq: 30 Oct 2019 7:10

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	256020		
94	5.7		4.2	6.2
80	6.8		5.2	7.8

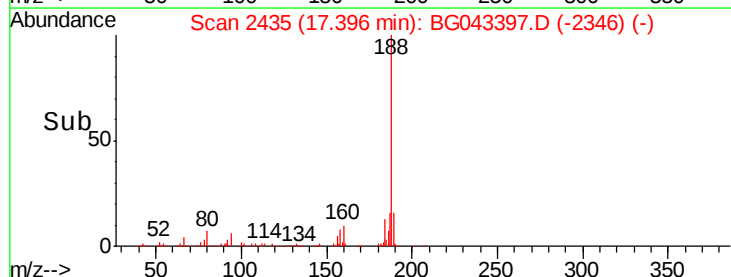
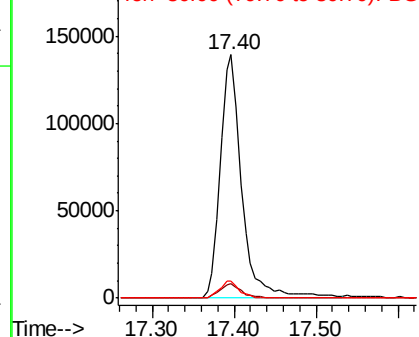


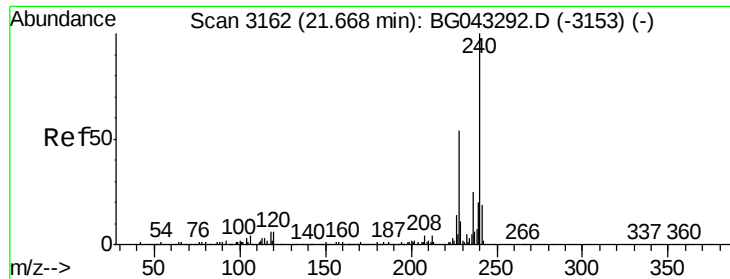
Abundance

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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG043397.D

Acq: 30 Oct 2019 7:10

Instrument :

BNA_G

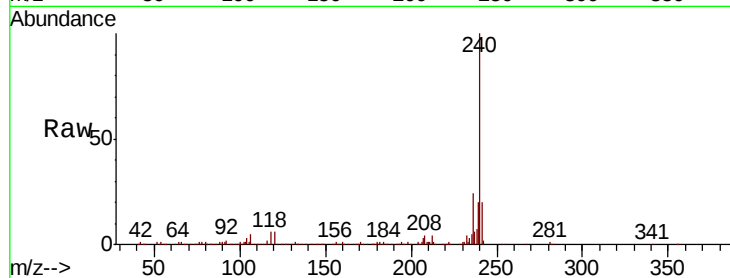
ClientSampleId :

CSA-2-1-4

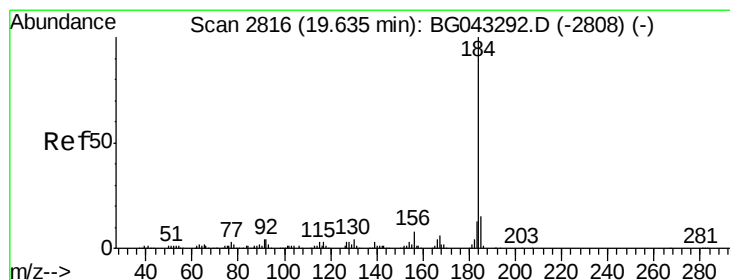
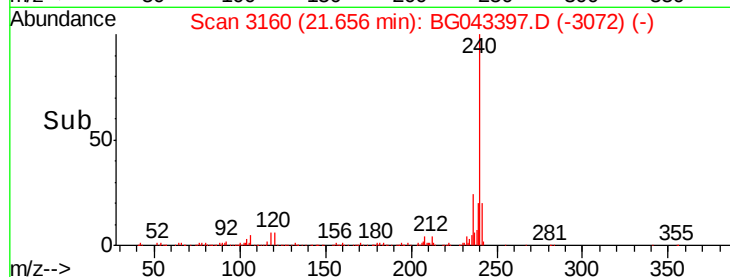
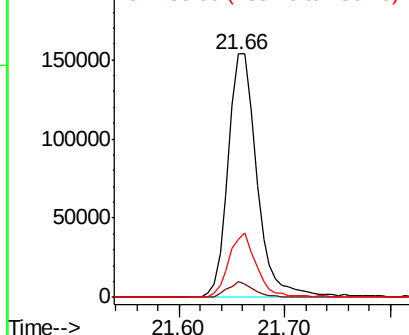
Tot Ion:	240	Resp:	291359
Ion Ratio	Lower	Upper	
240	100		
120	6.3	4.6	7.0
236	23.8	20.2	30.4

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 9.034 ng m

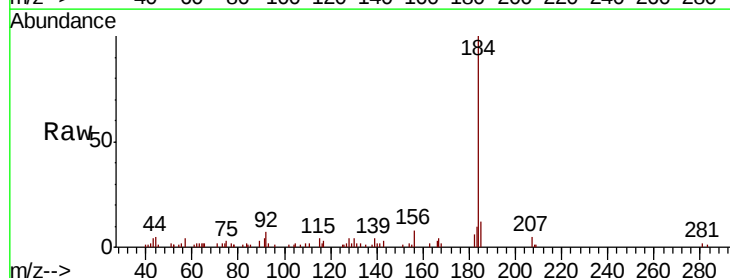
RT: 19.64 min Scan# 2817

Delta R.T. 0.01 min

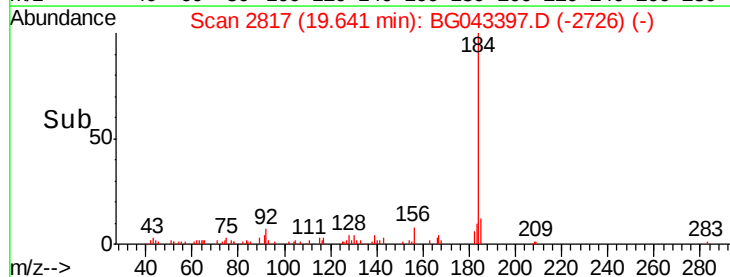
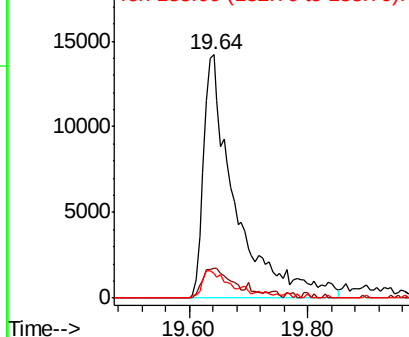
Lab File: BG043397.D

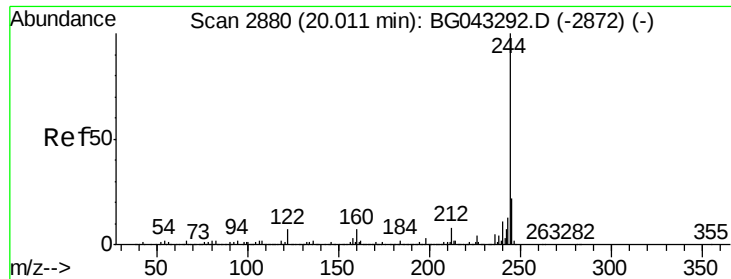
Acq: 30 Oct 2019 7:10

Tgt Ion:	184	Resp:	52974
Ion Ratio	Lower	Upper	
184	100		
185	12.4	11.8	17.6
183	10.3	10.6	16.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





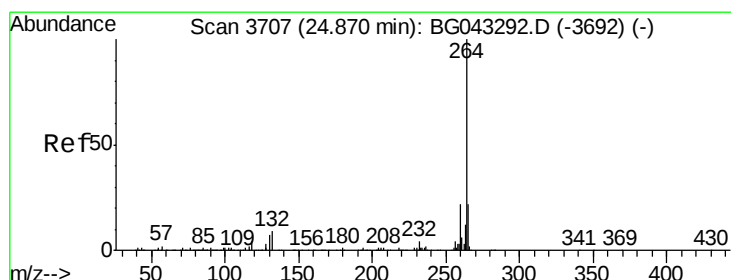
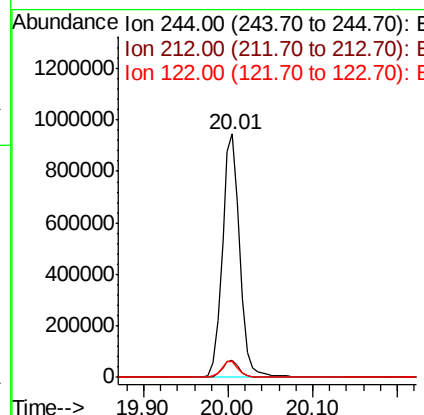
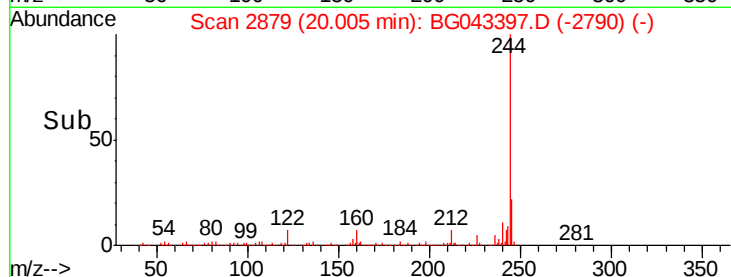
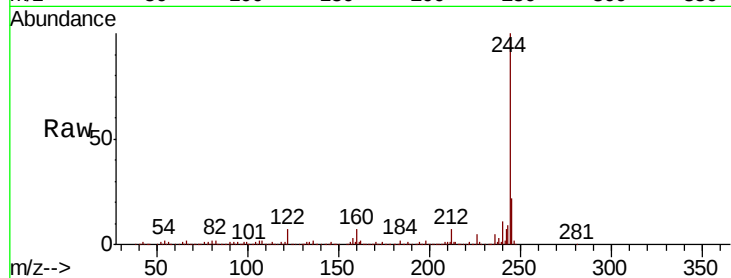
#79
 Terphenyl-d14
 Concen: 87.462 ng
 RT: 20.01 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043397.D
 Acq: 30 Oct 2019 7:10

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-4

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.4	9.6
122	6.7	5.3	7.9

Manual Integrations
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3705
 Delta R.T. -0.01 min
 Lab File: BG043397.D
 Acq: 30 Oct 2019 7:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.9	26.9
265	21.3	17.4	26.2

