

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044757.D
 Acq On : 13 Mar 2020 6:04
 Operator : CG/JU
 Sample : L1824-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 INDIAN-ISLAND-(2)

Manual Integrations
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mohammad
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Quant Time: Mar 13 07:51:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	96730	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	382355	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	252870	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	557619	20.00	ng	0.00
76) Chrysene-d12	21.70	240	532958	20.00	ng	-0.01
87) Perylene-d12	24.91	264	599879	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	340752	54.84	ng	0.00
7) Phenol-d6	7.20	99	297514	32.95	ng	-0.01
23) Nitrobenzene-d5	9.21	82	778148	89.30	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	418297	126.34	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1576180	89.26	ng	0.00
79) Terphenyl-d14	20.04	244	2322980	81.53	ng	0.00
Target Compounds						
9) Benzaldehyde	7.18	77	36264	3.560	ng	89
10) Phenol	7.22	94	19388	2.169	ng	83
31) Naphthalene	10.91	128	110550	5.219	ng	96
37) 2-Methylnaphthalene	12.52	142	40379m	2.549	ng	
38) 1-Methylnaphthalene	12.73	142	39866	2.676	ng	84
50) Dimethylphthalate	14.13	163	160593	7.974	ng	97

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

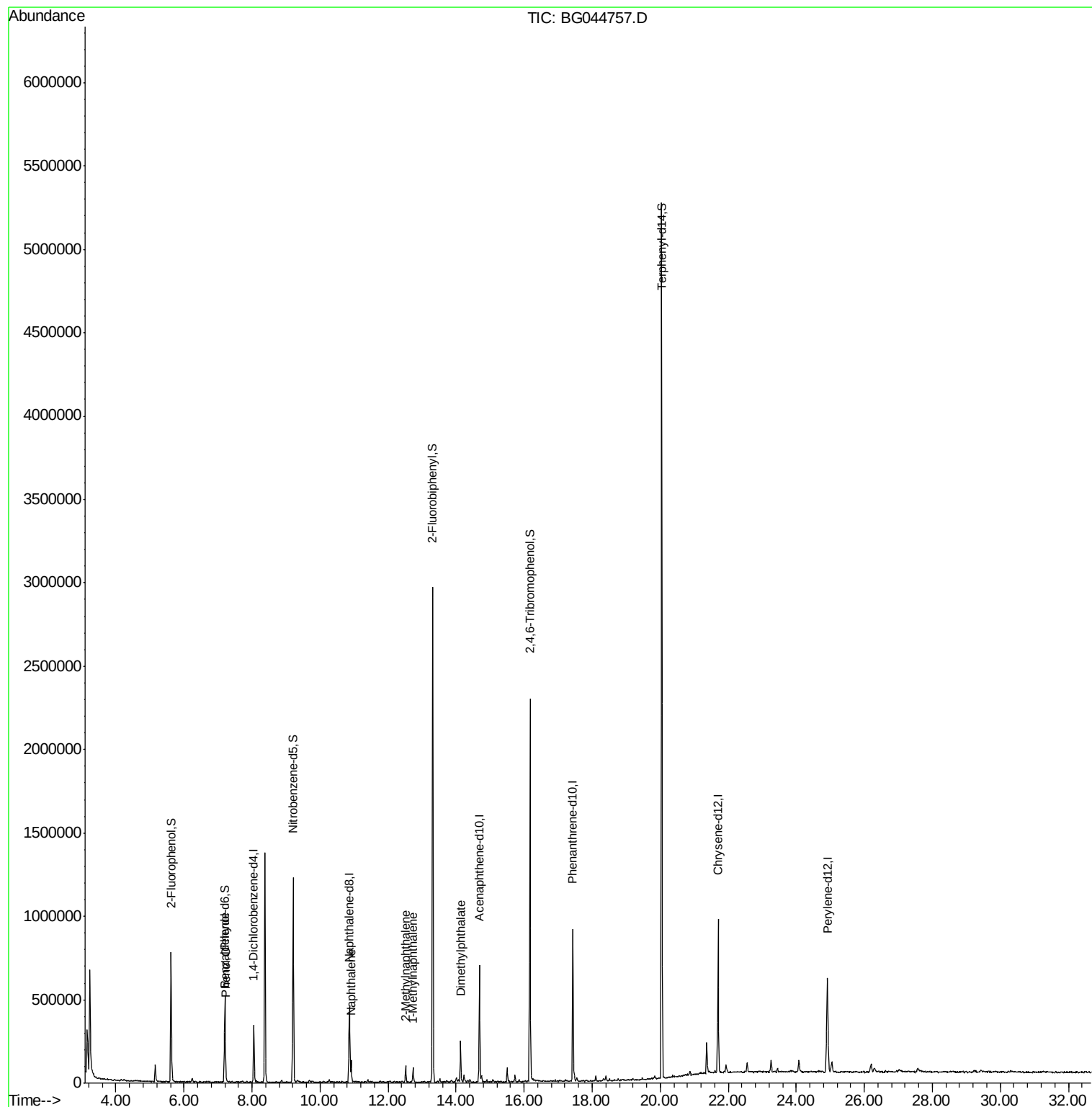
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
Data File : BG044757.D
Acq On : 13 Mar 2020 6:04
Operator : CG/JU
Sample : L1824-02
Misc :
ALS Vial : 29 Sample Multiplier: 1

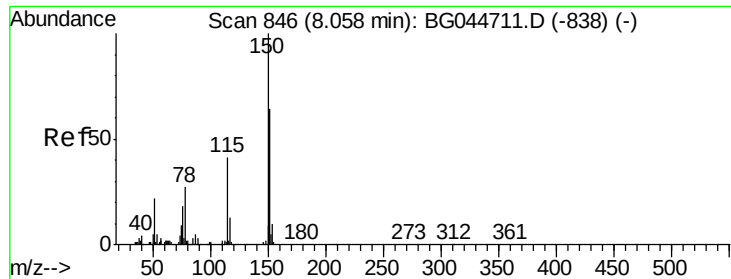
Instrument :
BNA_G
ClientSampleId :
INDIAN-ISLAND-(2)

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Quant Time: Mar 13 07:51:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

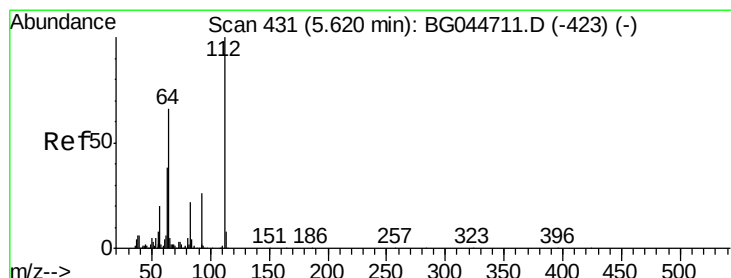
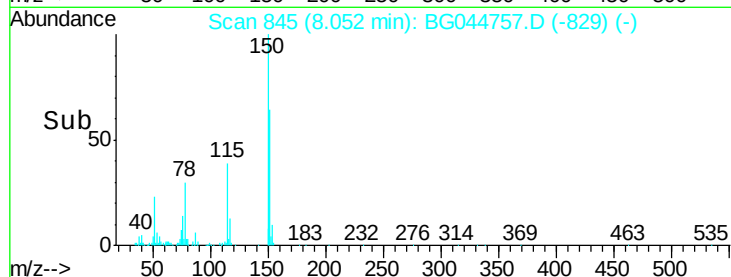
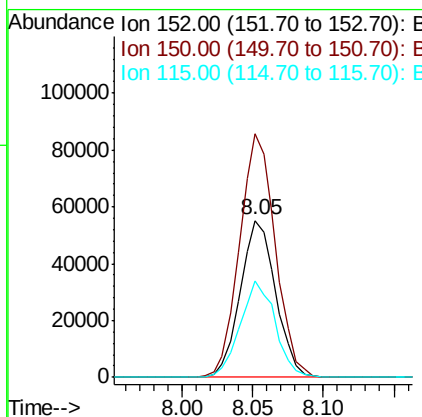
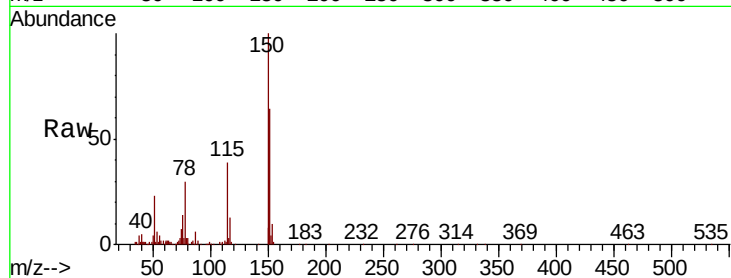
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044757.D
Acq: 13 Mar 2020 6:04

Instrument :
BNA_G
ClientSampleId :
INDIAN-ISLAND-(2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.3	187.9
115	61.3	51.7	77.5

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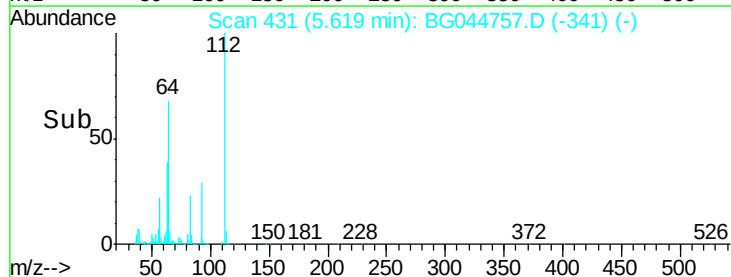
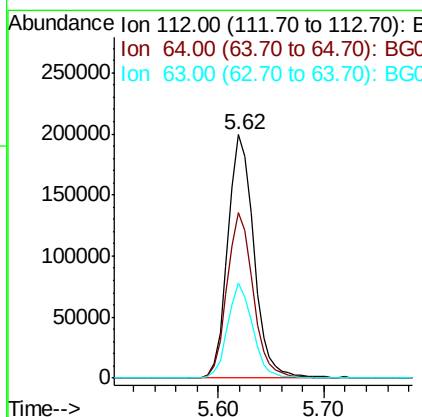
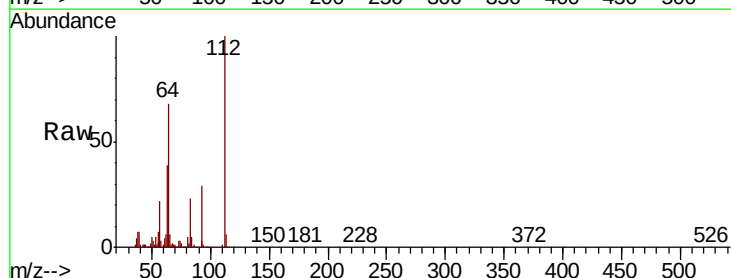
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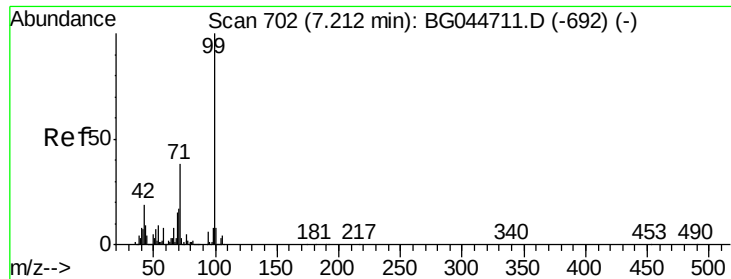


#5

2-Fluorophenol
Concen: 54.838 ng
RT: 5.62 min Scan# 431
Delta R.T. -0.00 min
Lab File: BG044757.D
Acq: 13 Mar 2020 6:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	52.6	78.8
63	39.3	30.2	45.4





#7

Phenol-d6

Concen: 32.954 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG044757.D

Acq: 13 Mar 2020 6:04

Instrument :

BNA_G

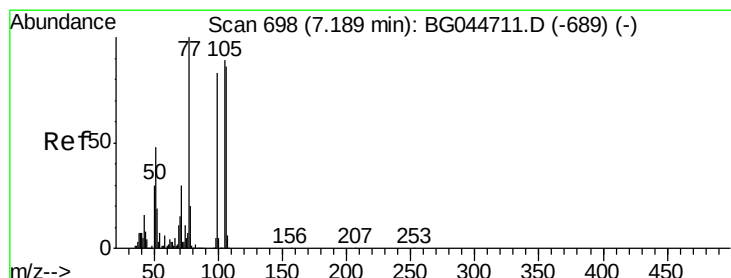
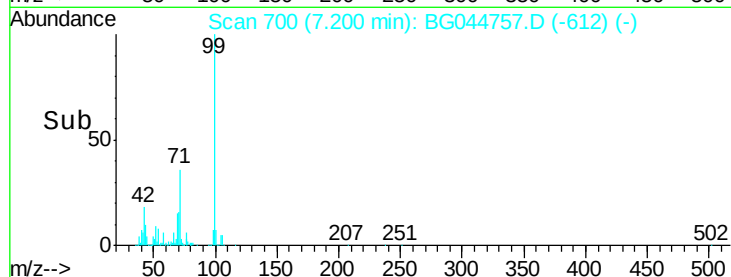
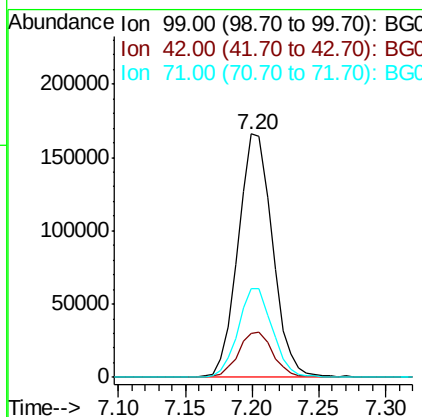
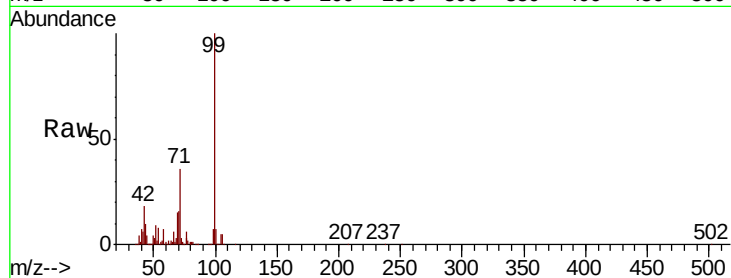
ClientSampleId :

INDIAN-ISLAND-(2)

Tot Ion:	99	Resp:	297514
Ion Ratio	Lower	Upper	
99	100		
42	18.3	15.4	23.0
71	36.3	30.2	45.4

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#9

Benzaldehyde

Concen: 3.560 ng

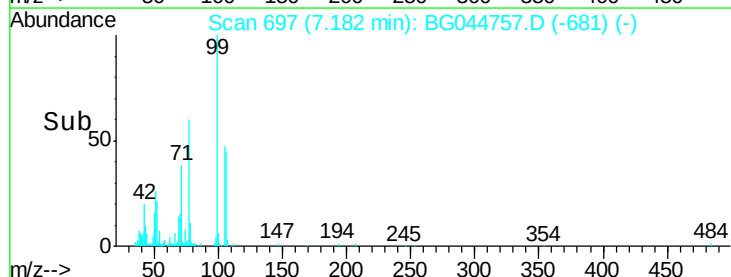
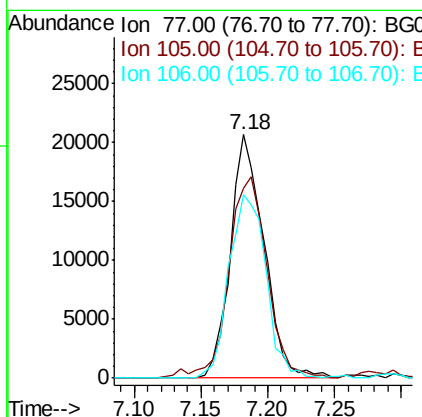
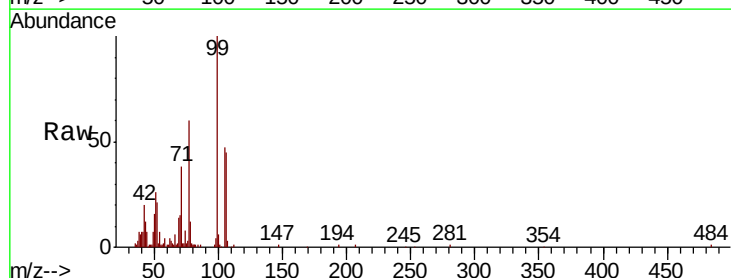
RT: 7.18 min Scan# 697

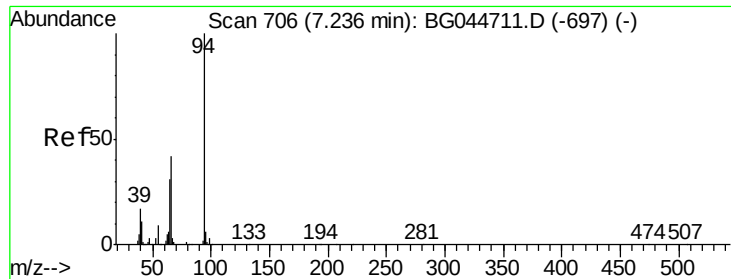
Delta R.T. -0.01 min

Lab File: BG044757.D

Acq: 13 Mar 2020 6:04

Tgt Ion:	77	Resp:	36264
Ion Ratio	Lower	Upper	
77	100		
105	78.2	68.6	108.6
106	75.5	65.9	105.9





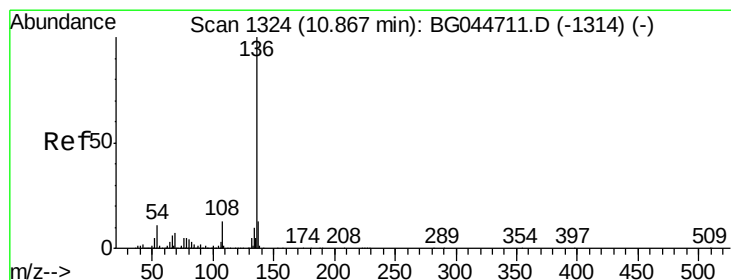
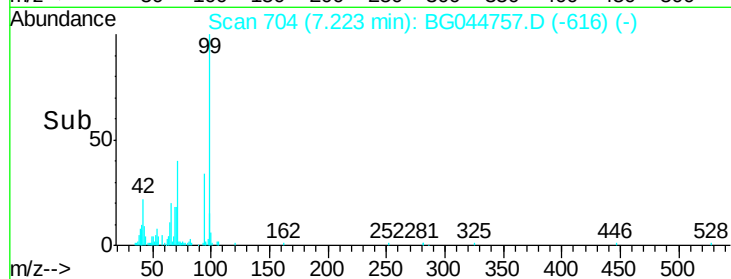
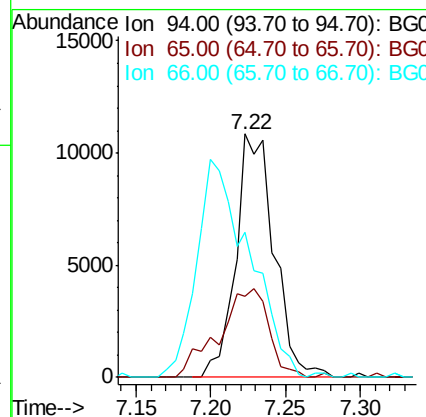
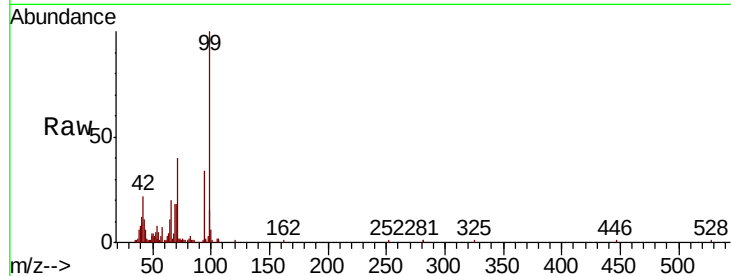
#10
Phenol
Concen: 2.169 ng
RT: 7.22 min Scan# 704
Delta R.T. -0.01 min
Lab File: BG044757.D
Acq: 13 Mar 2020 6:04

Instrument :
BNA_G
ClientSampleId :
INDIAN-ISLAND-(2)

Tot Ion	Ratio	Lower	Upper
94	100		
65	33.5	11.3	51.3
66	59.3	22.9	62.9

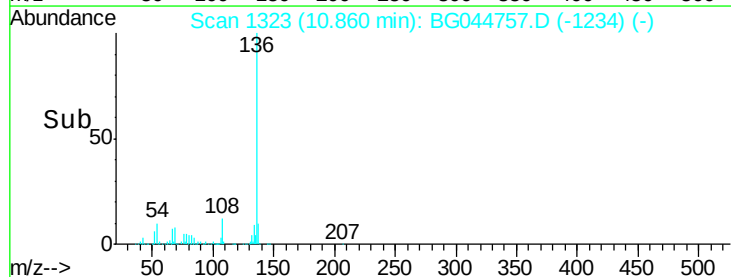
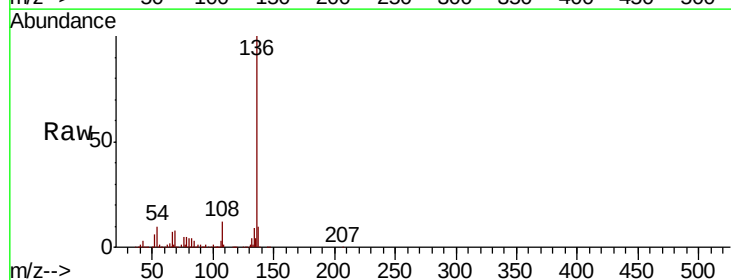
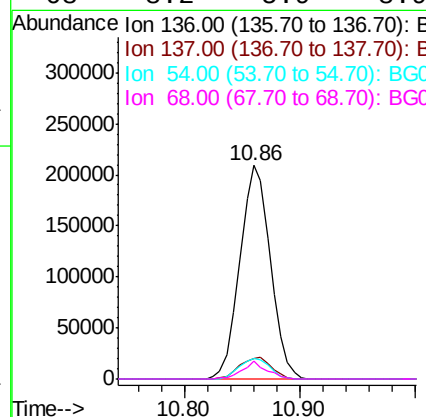
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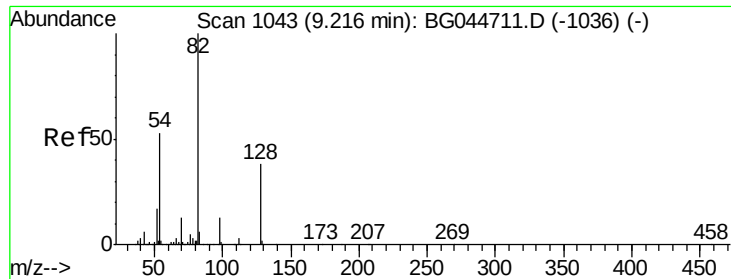
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BG044757.D
Acq: 13 Mar 2020 6:04

Tgt Ion	Ratio	Lower	Upper
136	100		
137	9.6	10.7	16.1#
54	9.6	9.0	13.4
68	8.2	5.9	8.9





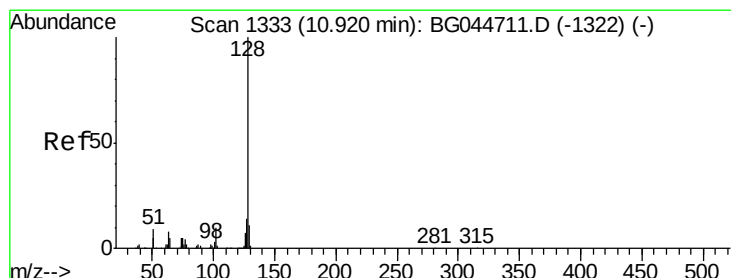
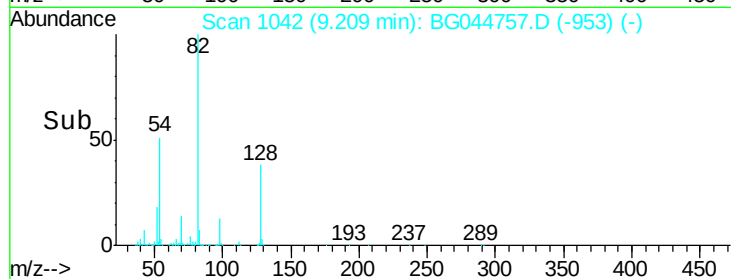
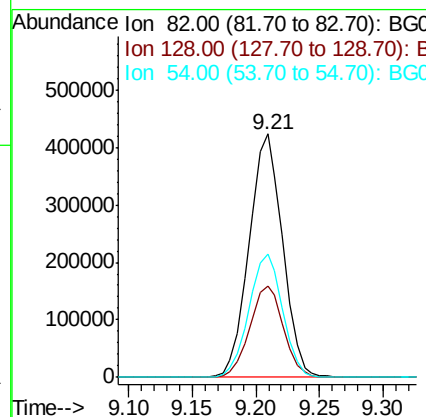
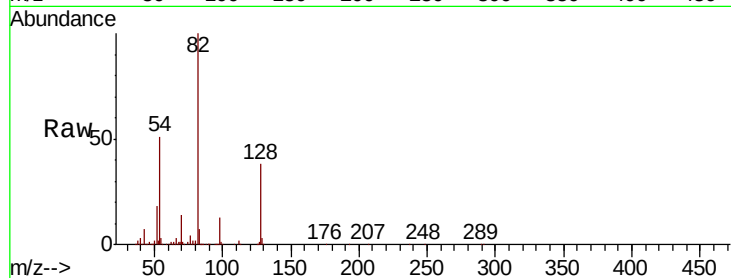
#23
 Nitrobenzene-d5
 Concen: 89.305 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG044757.D
 Acq: 13 Mar 2020 6:04

Instrument :
 BNA_G
 ClientSampleId :
 INDIAN-ISLAND-(2)

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.5	30.2	45.2
54	50.9	41.8	62.8

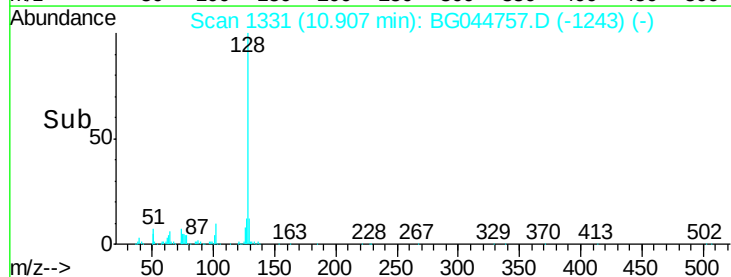
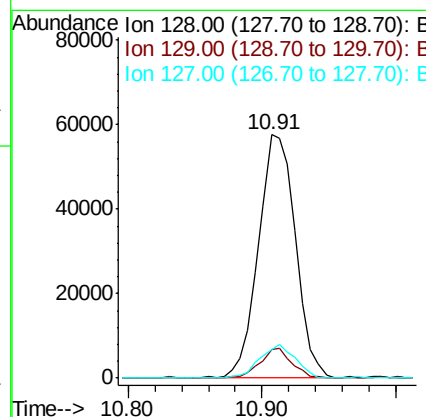
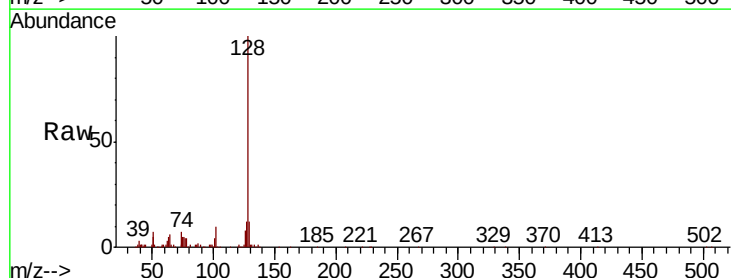
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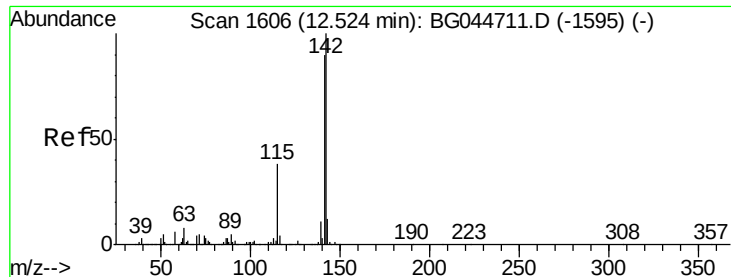
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#31
 Naphthalene
 Concen: 5.219 ng
 RT: 10.91 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BG044757.D
 Acq: 13 Mar 2020 6:04

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.0	13.4
127	11.5	11.0	16.6





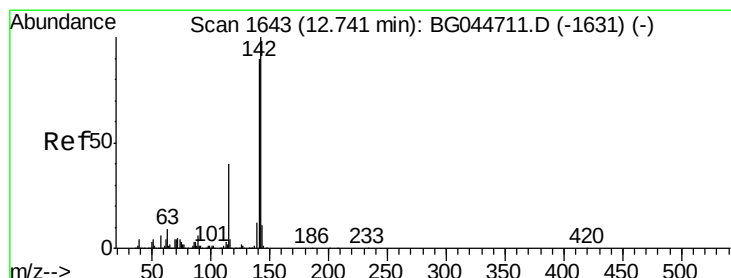
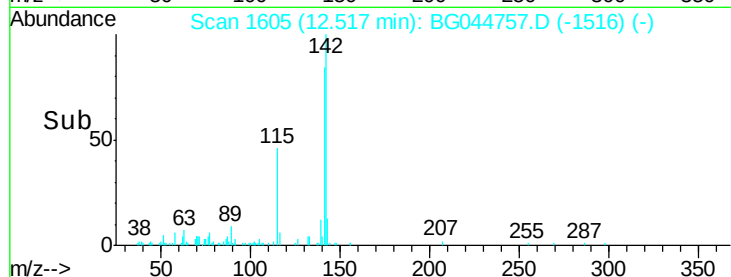
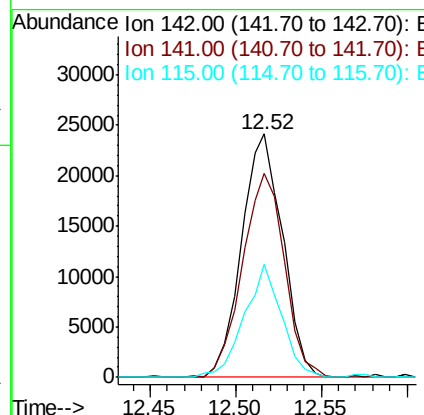
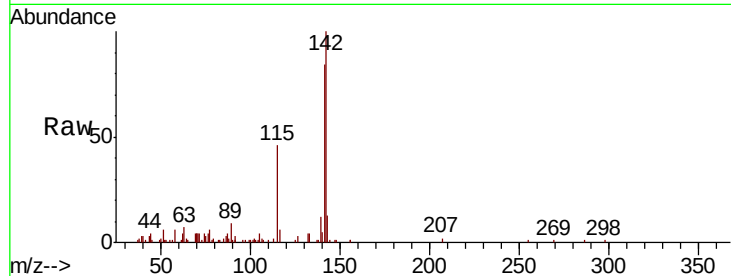
#37
 2-Methylnaphthalene
 Concen: 2.549 ng m
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BG044757.D
 Acq: 13 Mar 2020 6:04

Instrument :
 BNA_G
 ClientSampleId :
 INDIAN-ISLAND-(2)

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.7	72.3	108.5
115	46.2	30.6	45.8

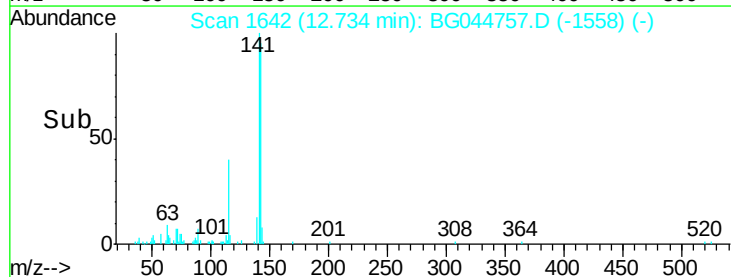
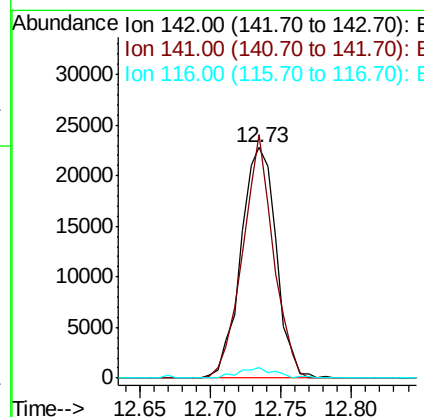
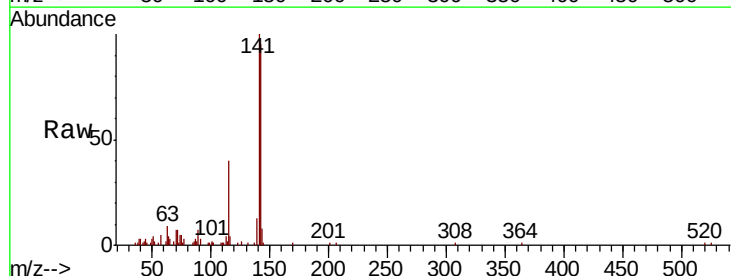
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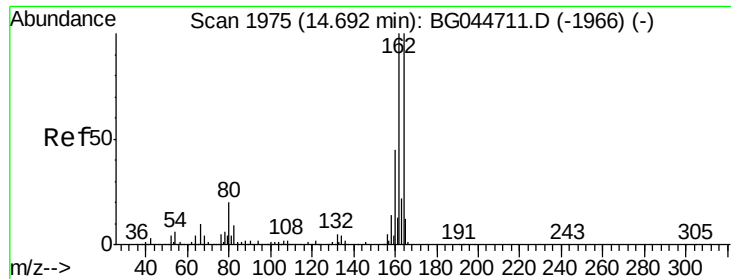
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#38
 1-Methylnaphthalene
 Concen: 2.676 ng
 RT: 12.73 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BG044757.D
 Acq: 13 Mar 2020 6:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	105.6	72.2	108.2
116	4.4	3.5	5.3





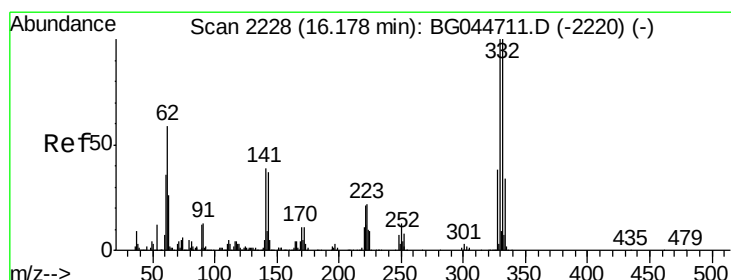
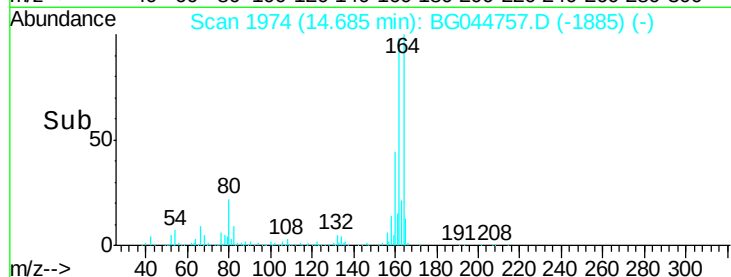
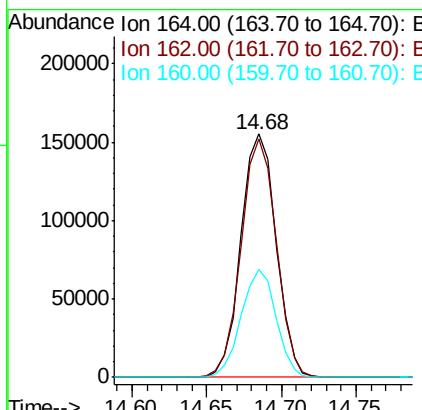
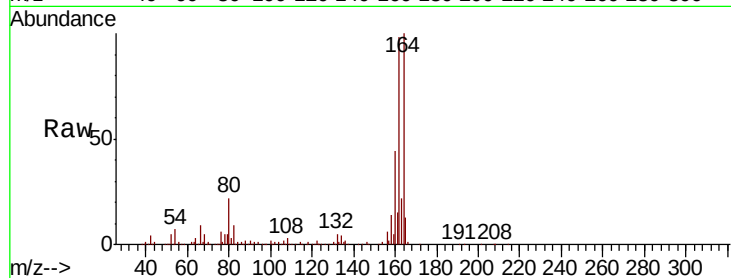
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Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG044757.D
Acq: 13 Mar 2020 6:04

Instrument :
BNA_G
ClientSampleId :
INDIAN-ISLAND-(2)

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.8	80.2	120.4
160	44.3	36.2	54.2

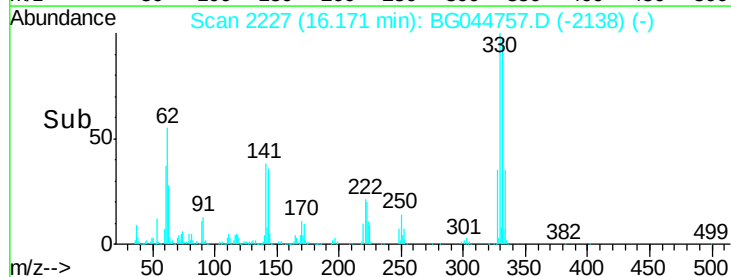
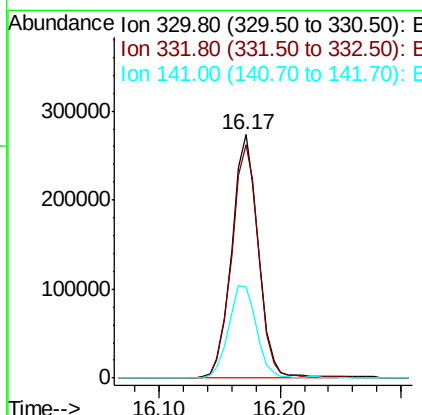
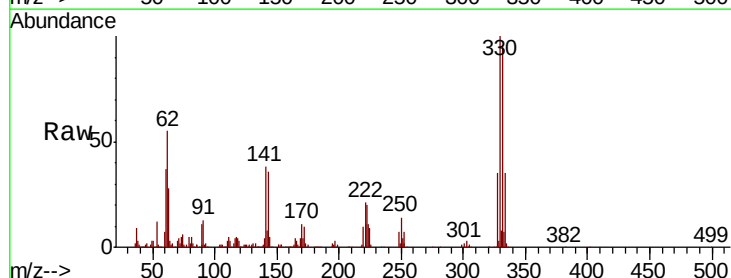
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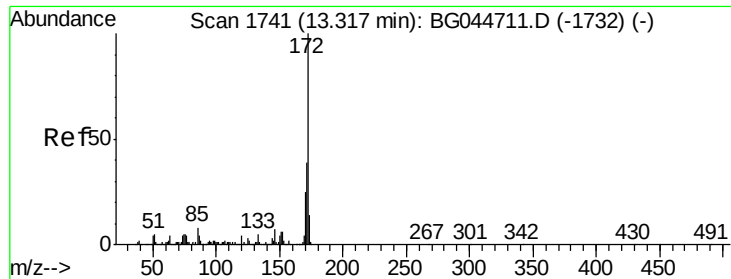
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#42
2,4,6-Tribromophenol
Concen: 126.338 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG044757.D
Acq: 13 Mar 2020 6:04

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.5	116.3
141	40.0	31.7	47.5





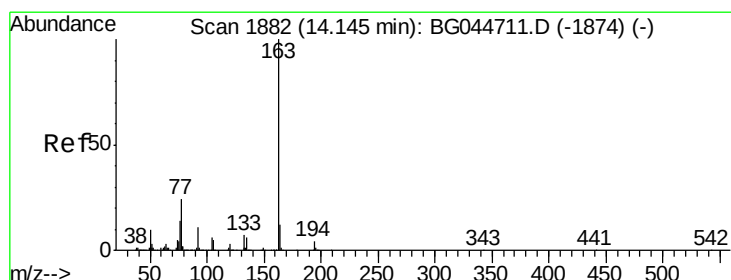
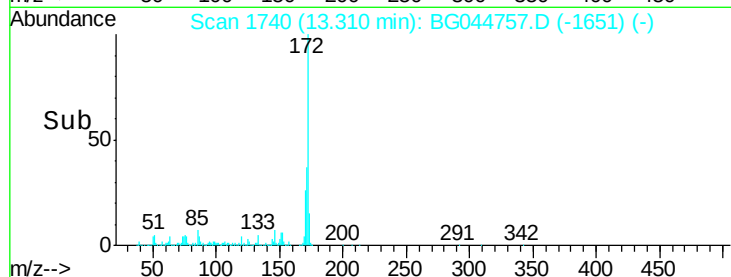
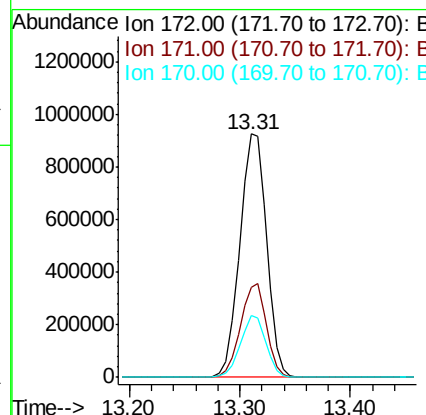
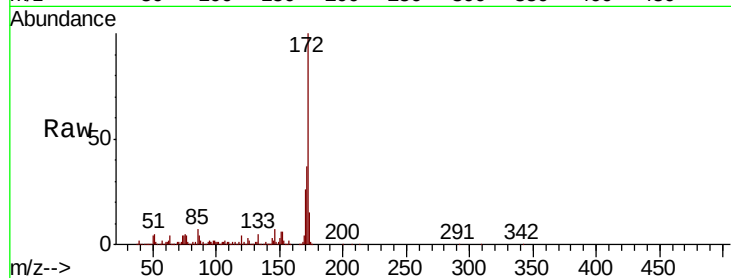
#45
2-Fluorobiphenyl
Concen: 89.261 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG044757.D
Acq: 13 Mar 2020 6:04

Instrument :
BNA_G
ClientSampleId :
INDIAN-ISLAND-(2)

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.8	46.2
170	25.5	20.0	30.0

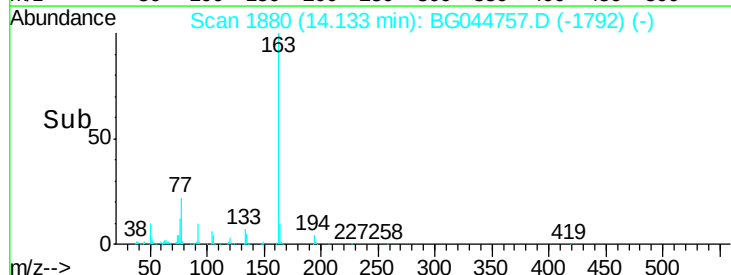
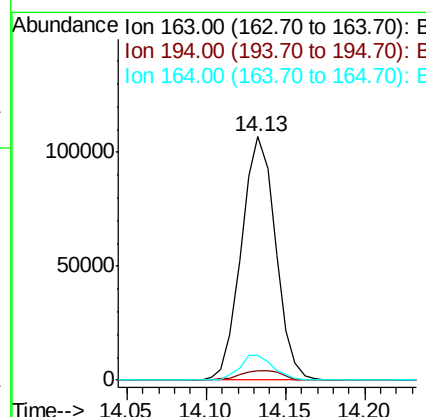
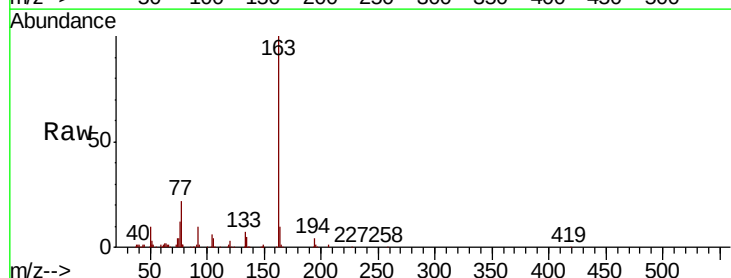
Manual Integrations
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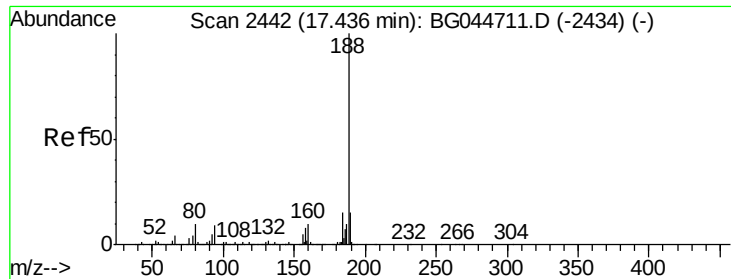
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#50
Dimethylphthalate
Concen: 7.974 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG044757.D
Acq: 13 Mar 2020 6:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.2	9.2	13.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG044757.D

Acq: 13 Mar 2020 6:04

Instrument :

BNA_G

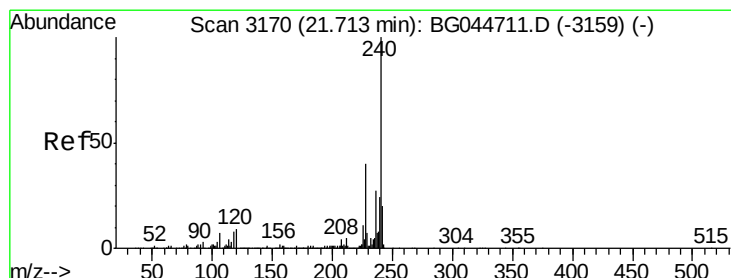
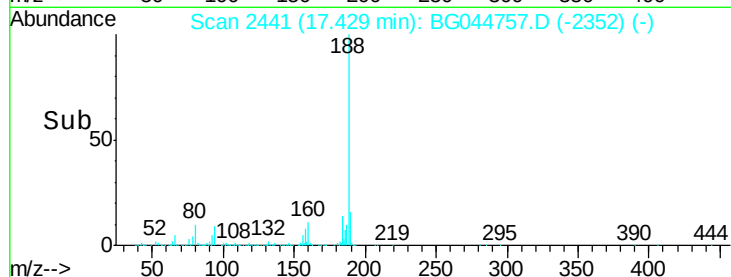
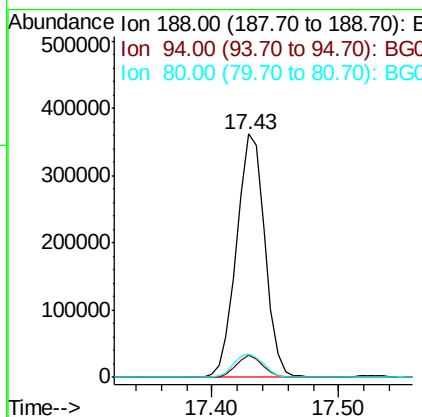
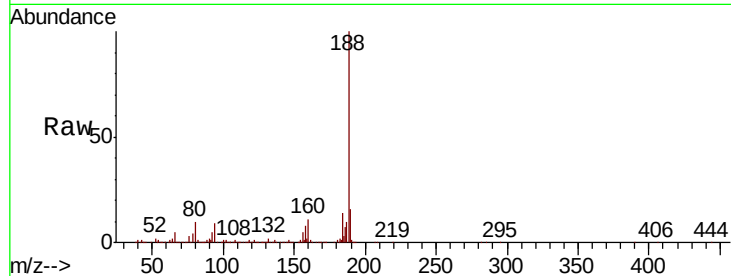
ClientSampleId :

INDIAN-ISLAND-(2)

Tot Ion:	188	Resp:	557619
Ion Ratio	Lower	Upper	
188	100		
94	9.2	7.0	10.6
80	9.6	8.4	12.6

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

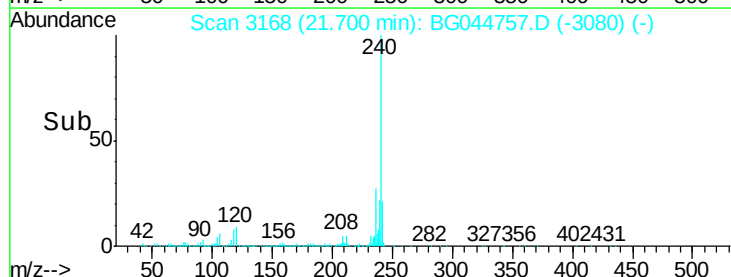
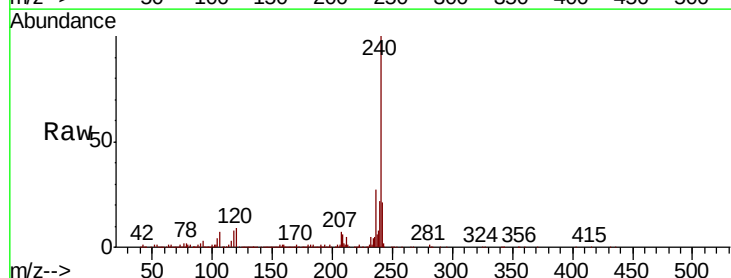
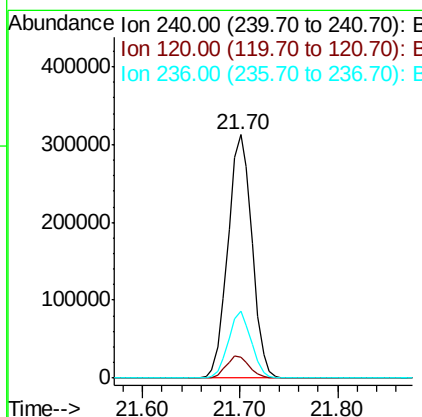
RT: 21.70 min Scan# 3168

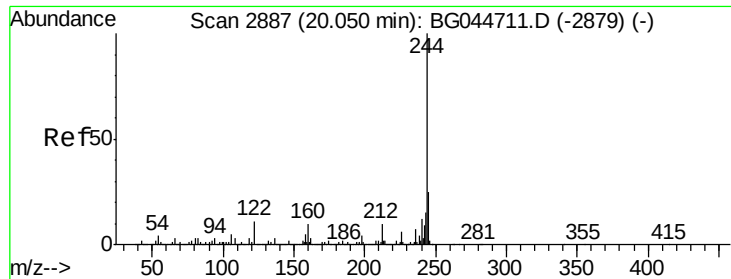
Delta R.T. -0.01 min

Lab File: BG044757.D

Acq: 13 Mar 2020 6:04

Tgt Ion:	240	Resp:	532958
Ion Ratio	Lower	Upper	
240	100		
120	8.7	6.9	10.3
236	27.5	21.9	32.9





#79

Terphenyl-d14

Concen: 81.531 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044757.D

Acq: 13 Mar 2020 6:04

Instrument :

BNA_G

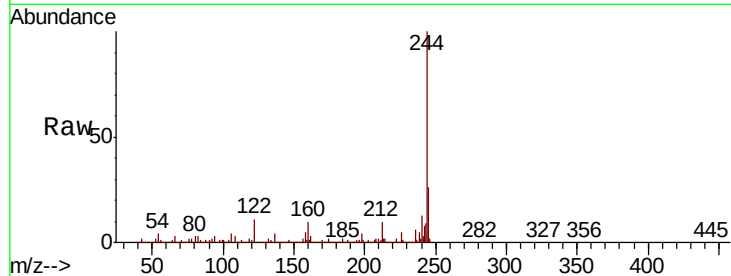
ClientSampleId :

INDIAN-ISLAND-(2)

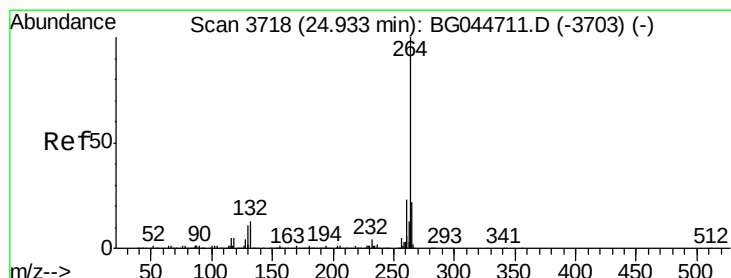
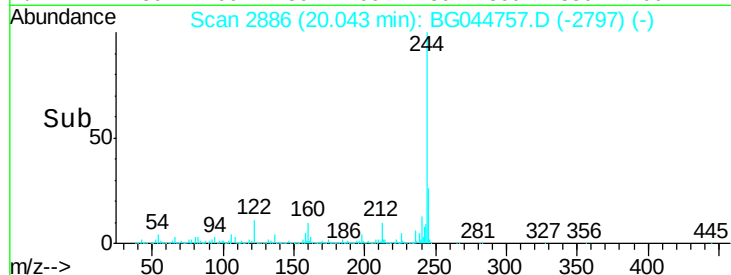
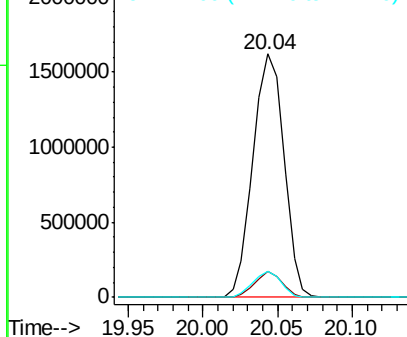
Tot Ion:	244	Resp:	2322980
Ion	Ratio	Lower	Upper
244	100		
212	10.4	8.4	12.6
122	10.6	8.7	13.1

Manual Integrations
APPROVED

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3/16/2020 1:48:38 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

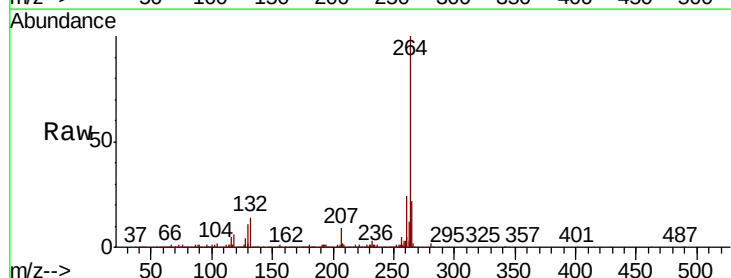
RT: 24.91 min Scan# 3715

Delta R.T. -0.02 min

Lab File: BG044757.D

Acq: 13 Mar 2020 6:04

Tgt Ion:	264	Resp:	599879
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	21.5	17.4	26.2



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

