

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
 Data File : BG044770.D
 Acq On : 13 Mar 2020 16:56
 Operator : CG/JU
 Sample : L1755-01 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-031020

Manual Integrations
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Quant Time: Mar 13 17:38:13 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	146370	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	596086	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	387556	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	775035	20.00	ng	0.00
76) Chrysene-d12	21.70	240	630240	20.00	ng	-0.01
87) Perylene-d12	24.93	264	710865	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	353423	37.59	ng	0.00
7) Phenol-d6	7.21	99	534754	39.14	ng	0.00
23) Nitrobenzene-d5	9.20	82	346136	25.48	ng	-0.01
42) 2,4,6-Tribromophenol	16.17	330	196427	38.71	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	755060	27.90	ng	0.00
79) Terphenyl-d14	20.04	244	1013644	30.08	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	85739	2.778	ng	96
75) Fluoranthene	19.48	202	152153	3.085	ng	91
78) Pyrene	19.84	202	166647	3.604	ng	99
81) Benzo(a)anthracene	21.68	228	94125	2.074	ng	92
83) Chrysene	21.75	228	110478m	2.549	ng	
88) Benzo(b)fluoranthene	23.91	252	145071	3.091	ng	# 95
90) Benzo(a)pyrene	24.77	252	111058	2.529	ng	# 94

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

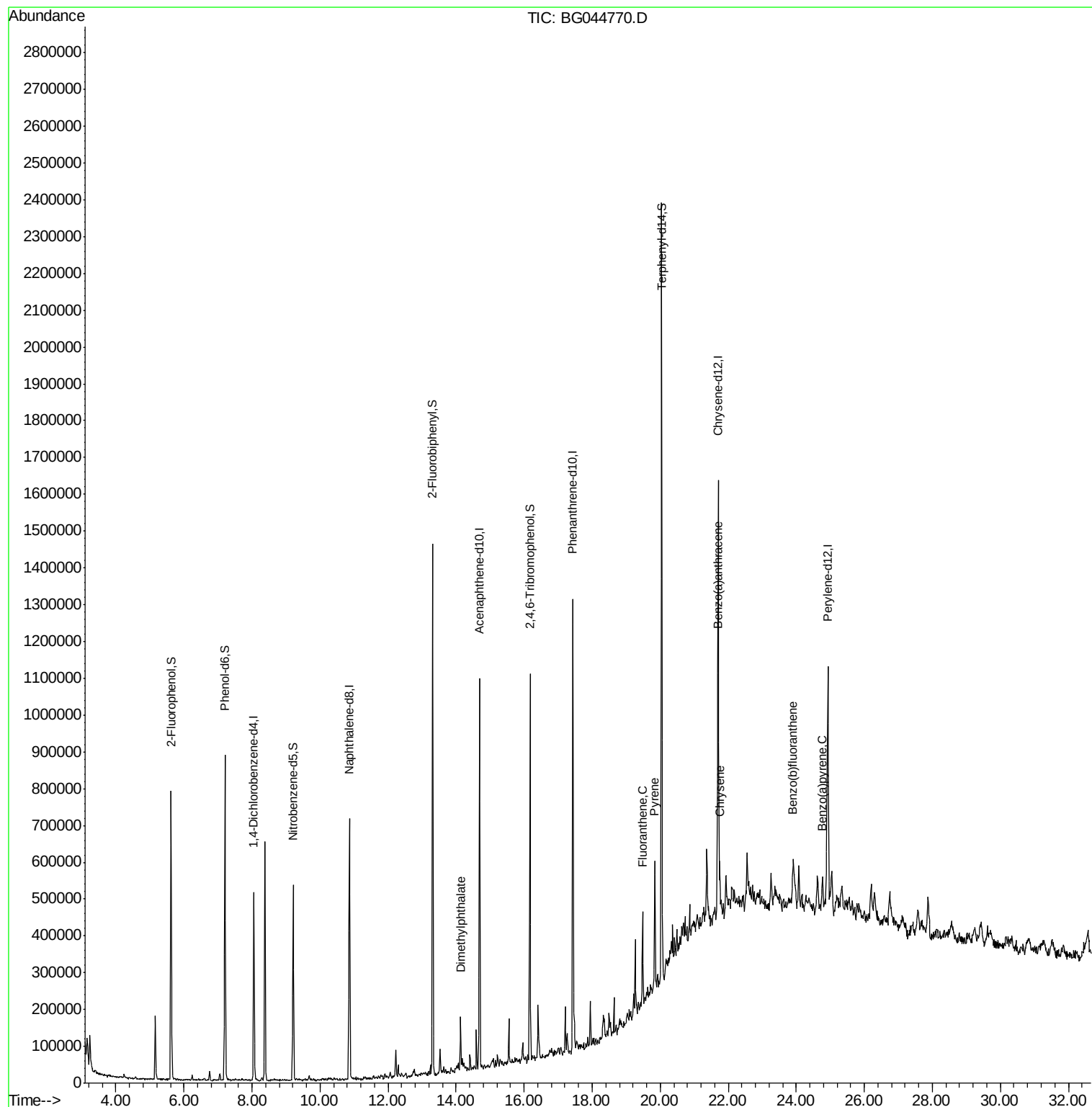
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031320\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

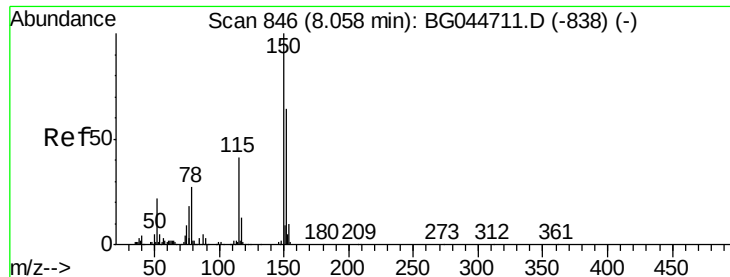
Instrument :
BNA_G
ClientSampleId :
OK-03-031020

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Quant Time: Mar 13 17:38:13 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

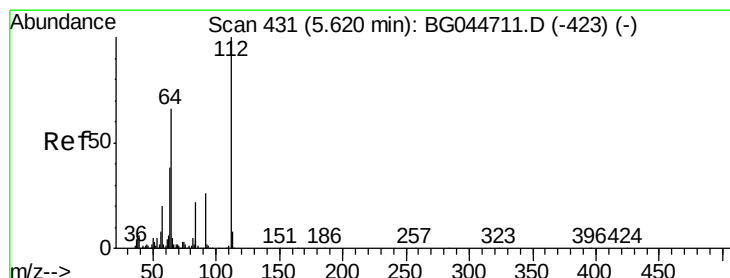
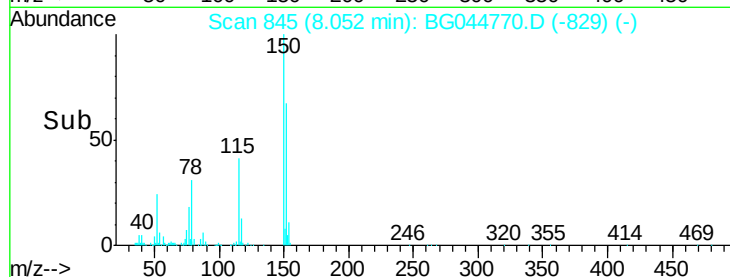
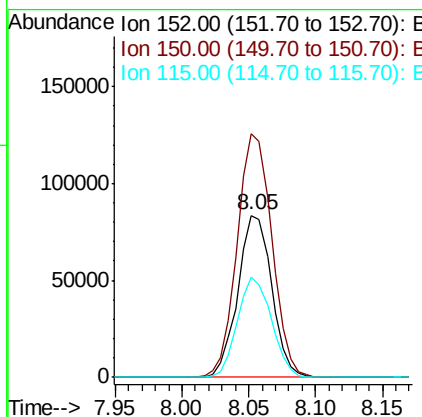
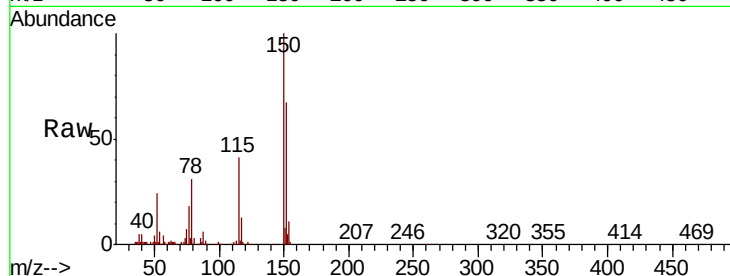
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Instrument :
BNA_G
ClientSampleId :
OK-03-031020

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	125.3	187.9
115	62.1	51.7	77.5

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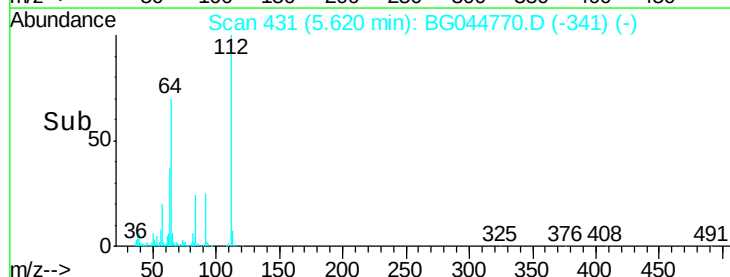
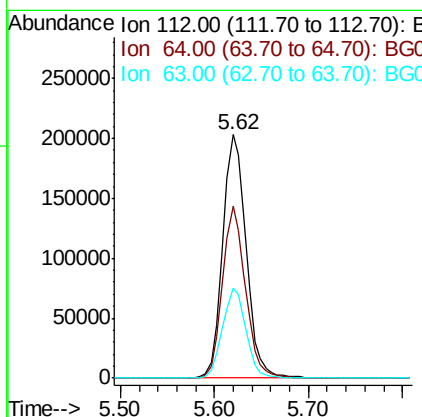
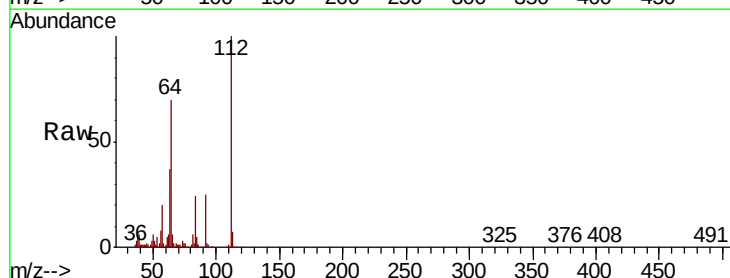
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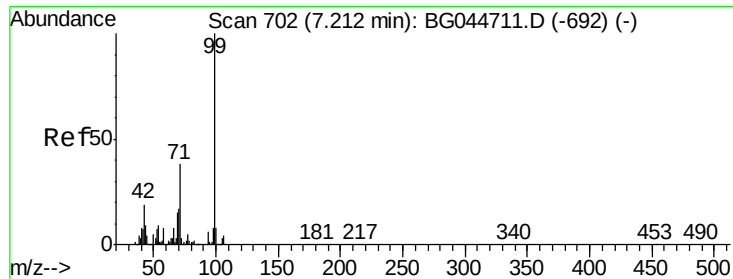


#5

2-Fluorophenol
Concen: 37.588 ng
RT: 5.62 min Scan# 431
Delta R.T. -0.00 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	52.6	78.8
63	37.0	30.2	45.4





#7

Phenol-d6

Concen: 39.144 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044770.D

Acq: 13 Mar 2020 16:56

Instrument :

BNA_G

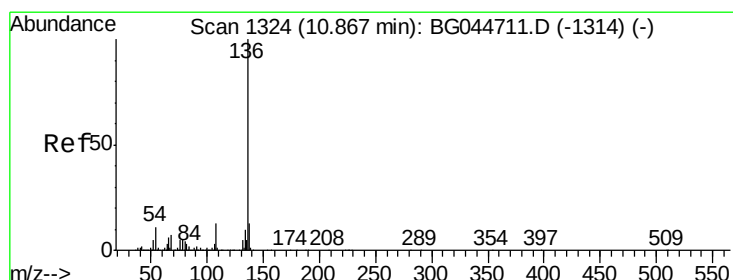
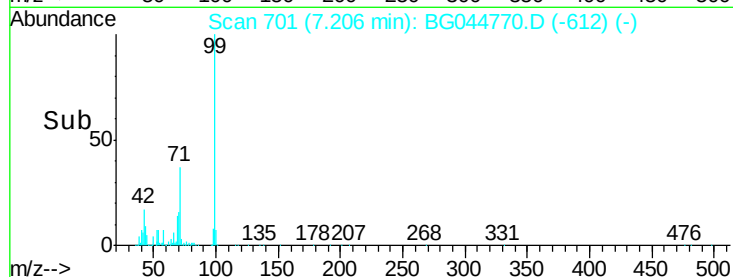
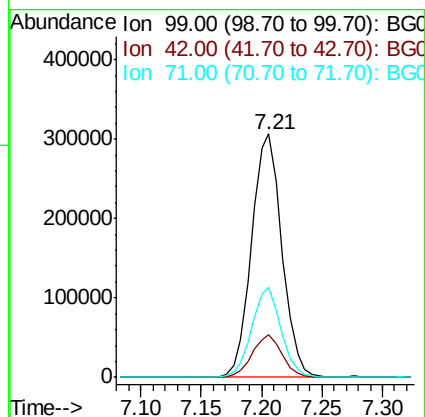
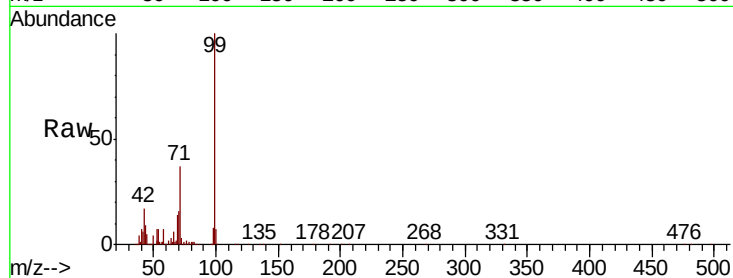
ClientSampleId :

OK-03-031020

Tot Ion:	99	Resp:	534754
Ion	Ratio	Lower	Upper
99	100		
42	17.4	15.4	23.0
71	37.0	30.2	45.4

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#21

Naphthalene-d8

Concen: 20.000 ng

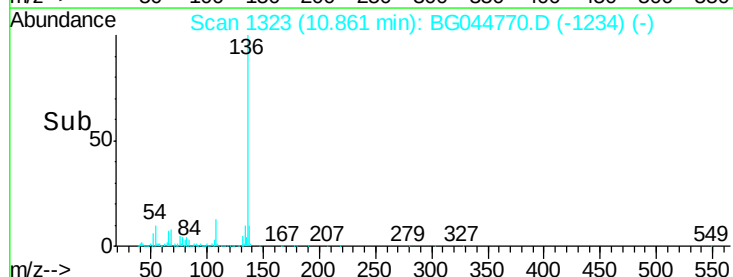
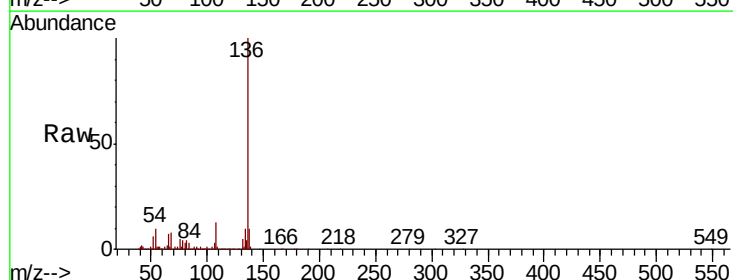
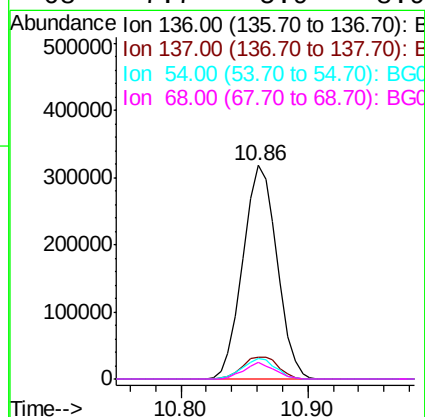
RT: 10.86 min Scan# 1323

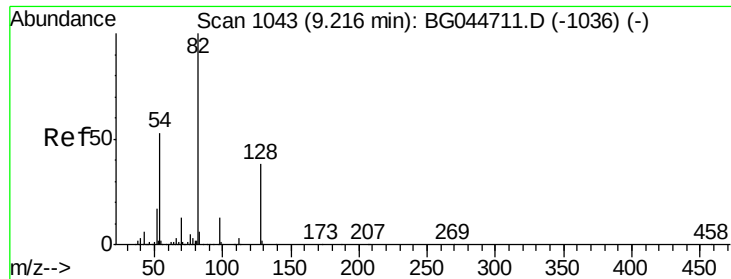
Delta R.T. -0.01 min

Lab File: BG044770.D

Acq: 13 Mar 2020 16:56

Tgt Ion:	136	Resp:	596086
Ion	Ratio	Lower	Upper
136	100		
137	10.1	10.7	16.1#
54	9.6	9.0	13.4
68	7.7	5.9	8.9





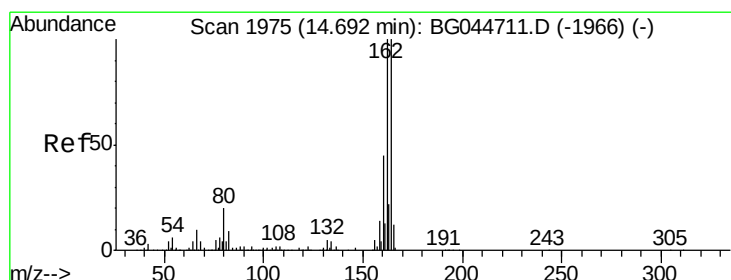
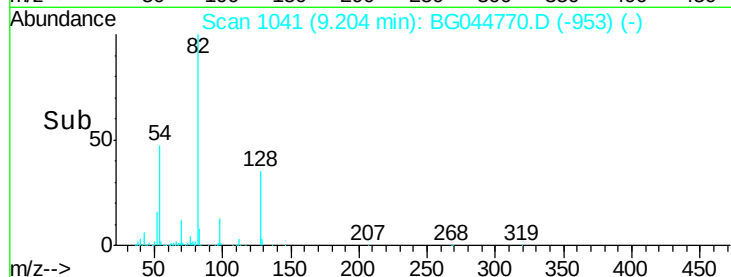
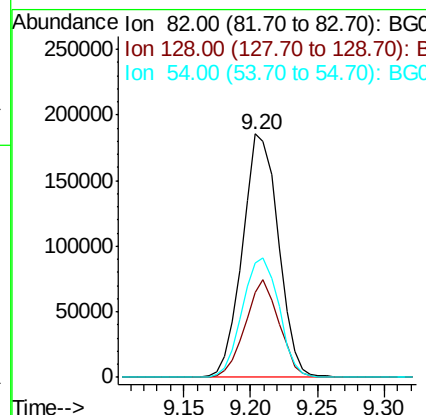
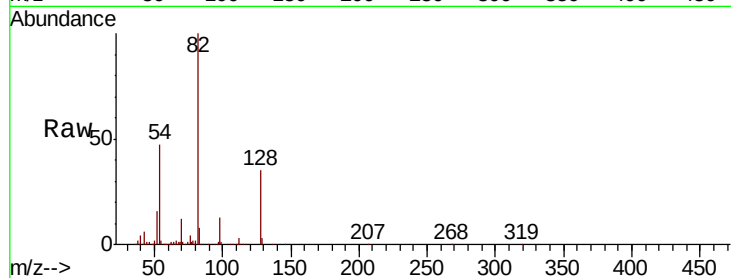
#23
Nitrobenzene-d5
Concen: 25.481 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Instrument :
BNA_G
ClientSampleId :
OK-03-031020

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.0	30.2	45.2
54	46.9	41.8	62.8

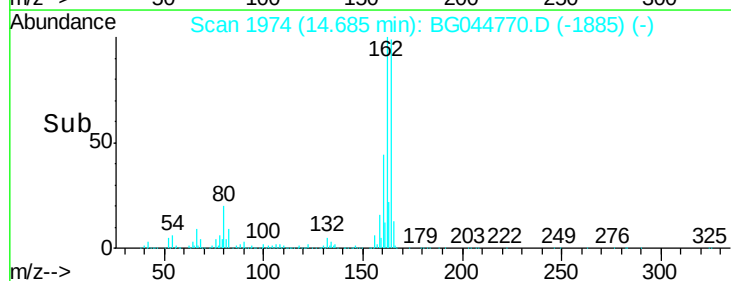
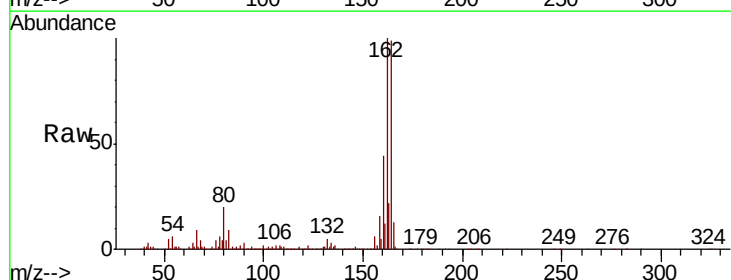
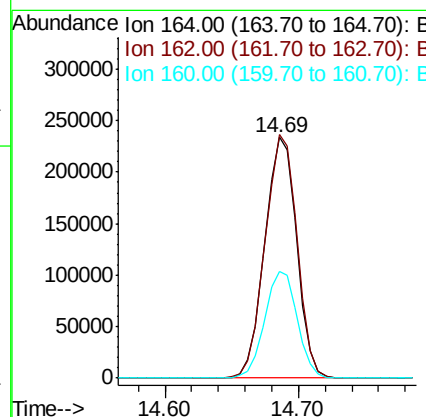
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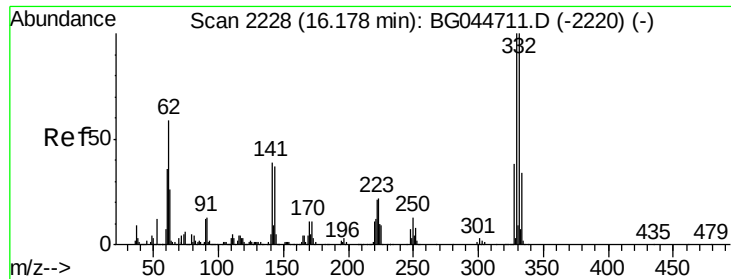
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.4
160	44.6	36.2	54.2





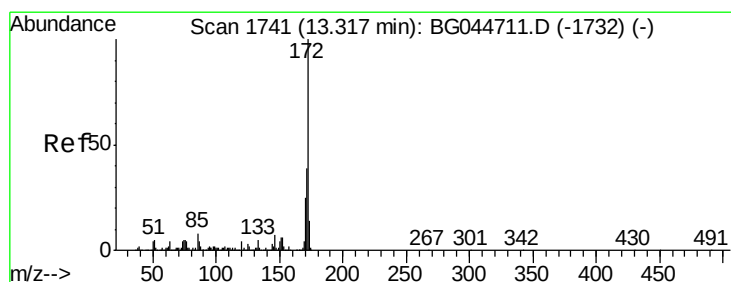
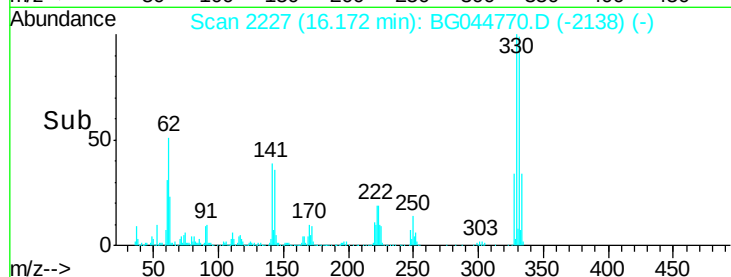
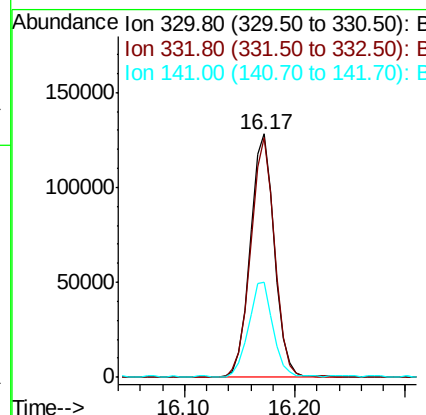
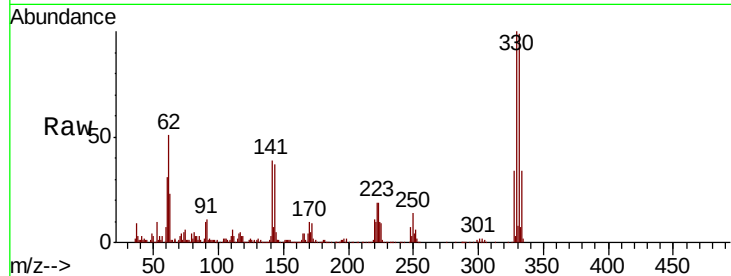
#42
 2,4,6-Tribromophenol
 Concen: 38.709 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG044770.D
 Acq: 13 Mar 2020 16:56

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-031020

Tot Ion	Ratio	Resp	Lower	Upper
330	100	196427		
332	98.0		77.5	116.3
141	39.1		31.7	47.5

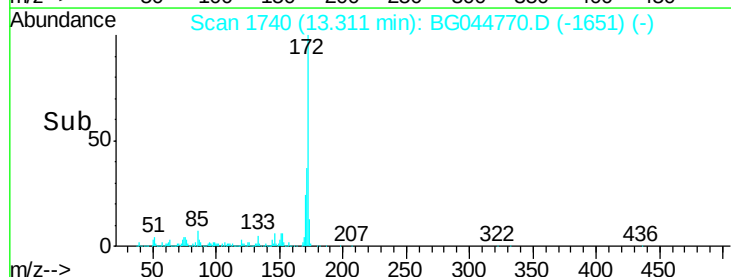
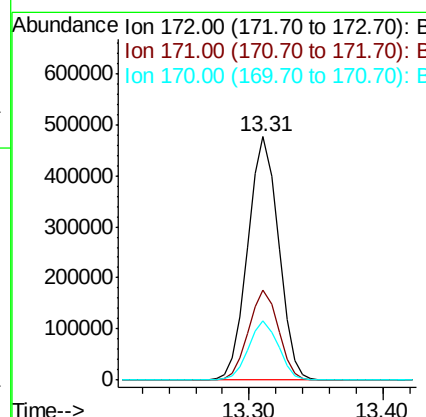
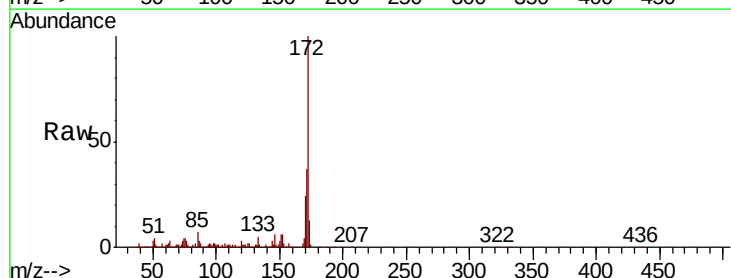
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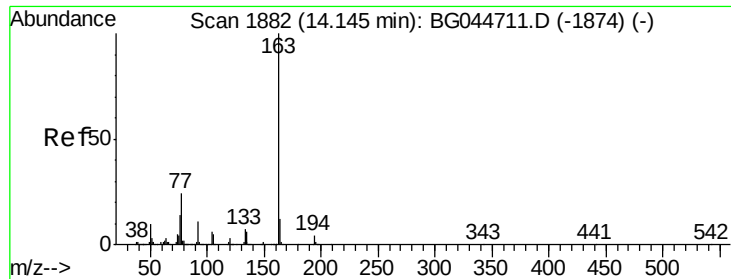
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#45
 2-Fluorobiphenyl
 Concen: 27.900 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG044770.D
 Acq: 13 Mar 2020 16:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	755060		
171	36.8		30.8	46.2
170	24.2		20.0	30.0





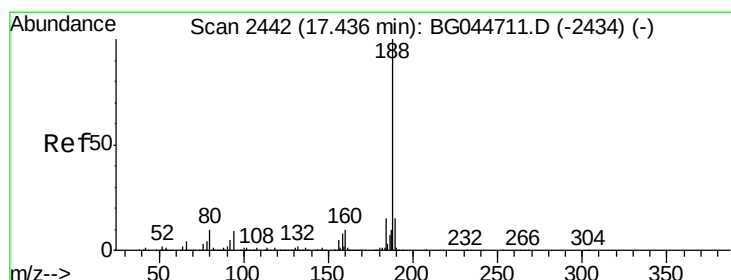
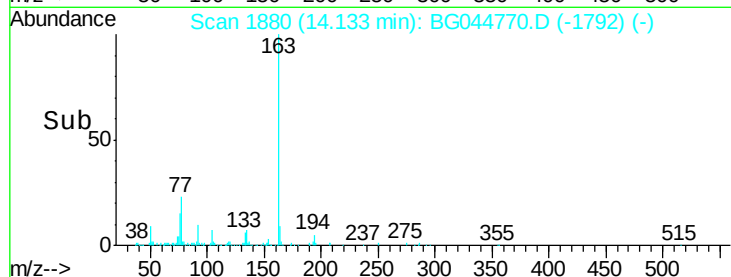
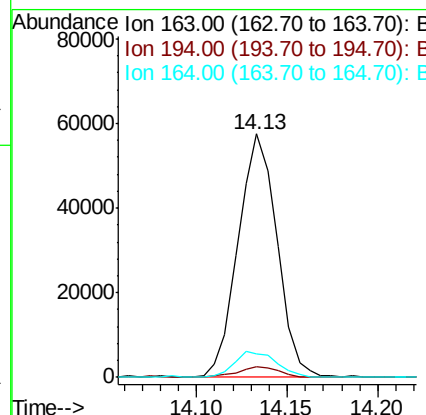
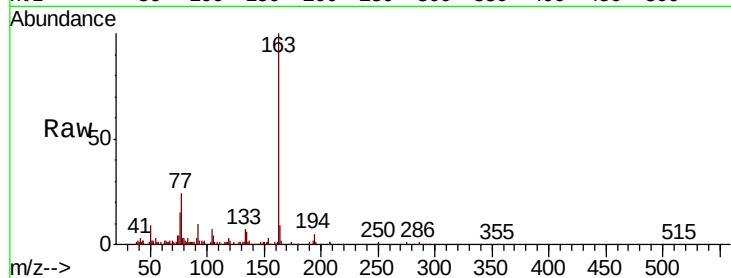
#50
Dimethylphthalate
Concen: 2.778 ng
RT: 14.13 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Instrument :
BNA_G
ClientSampleId :
OK-03-031020

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	9.5	9.2	13.8

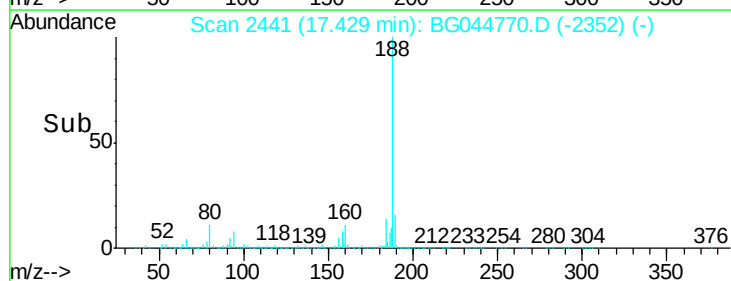
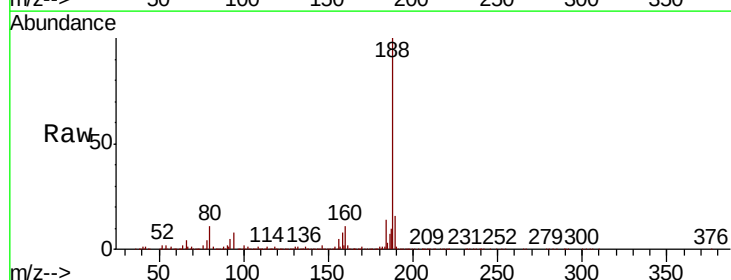
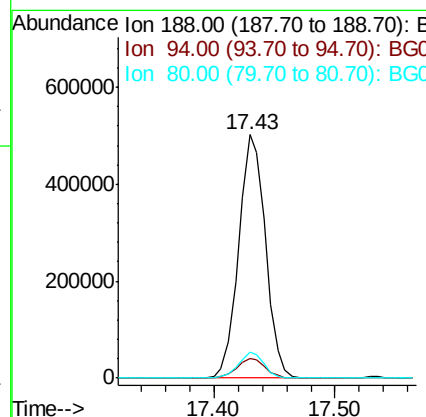
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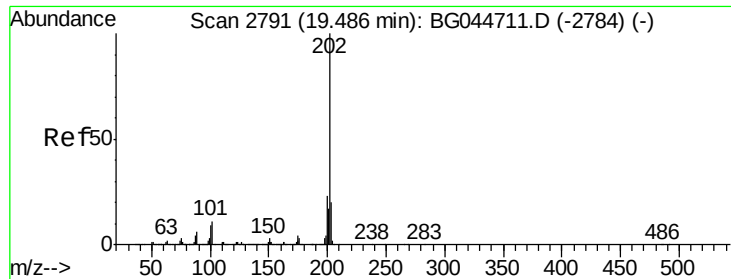
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BG044770.D
Acq: 13 Mar 2020 16:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	7.0	10.6
80	10.6	8.4	12.6





#75

Fluoranthene

Concen: 3.085 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG044770.D

Acq: 13 Mar 2020 16:56

Instrument :

BNA_G

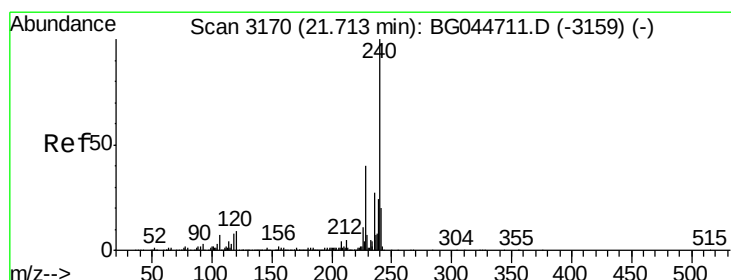
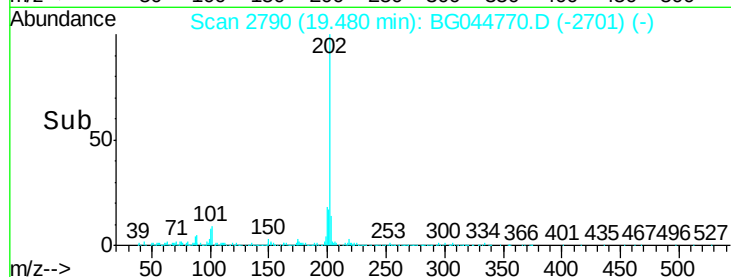
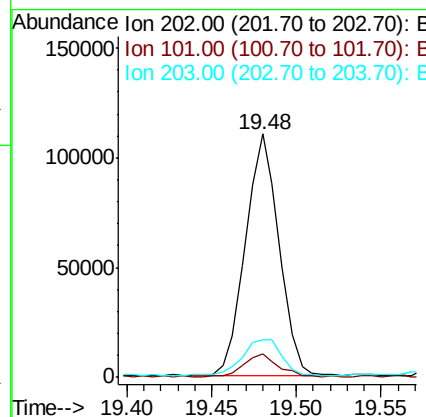
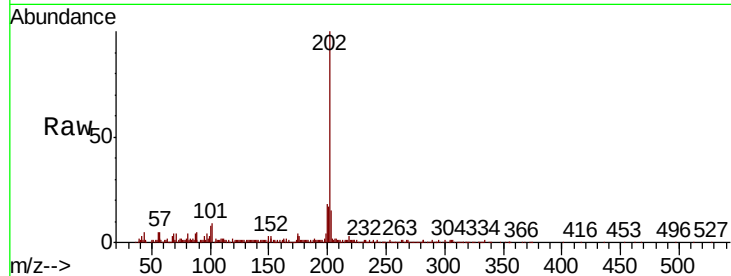
ClientSampleId :

OK-03-031020

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.4	0.0	31.3
203	15.3	0.4	40.4

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#76

Chrysene-d12

Concen: 20.000 ng

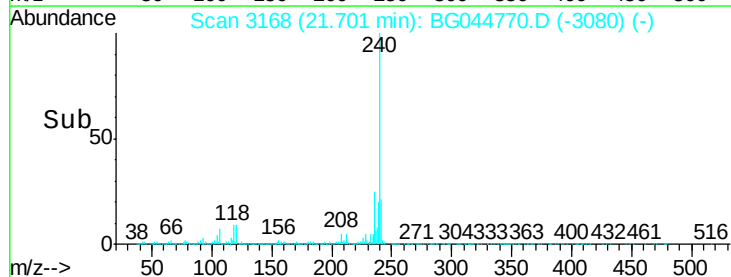
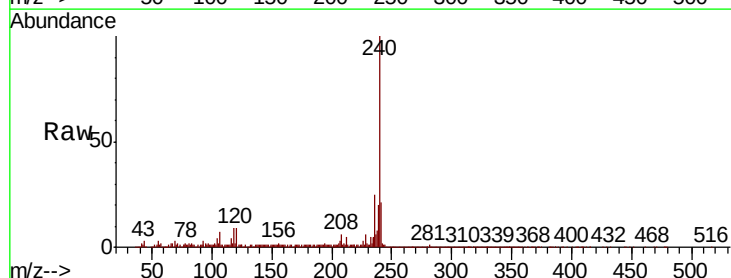
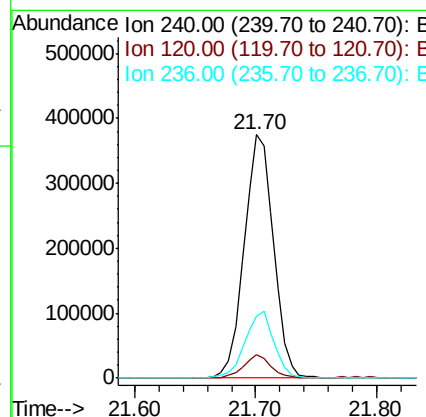
RT: 21.70 min Scan# 3168

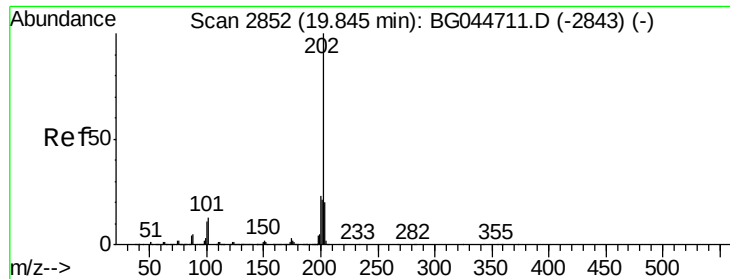
Delta R.T. -0.01 min

Lab File: BG044770.D

Acq: 13 Mar 2020 16:56

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.5	6.9	10.3
236	25.5	21.9	32.9





#78

Pvrene

Concen: 3.604 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG044770.D

Acq: 13 Mar 2020 16:56

Instrument :

BNA_G

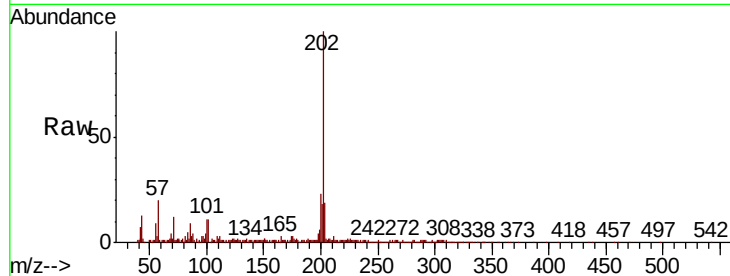
ClientSampleId :

OK-03-031020

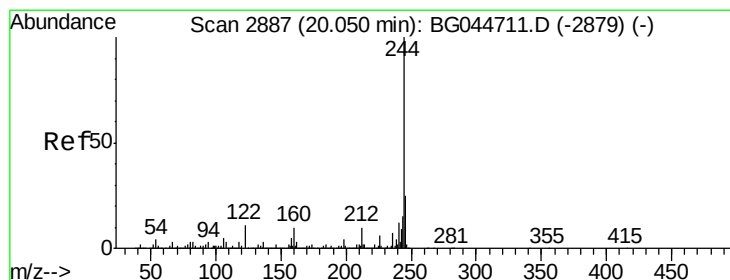
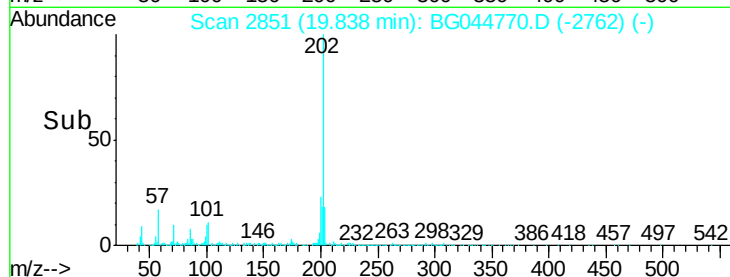
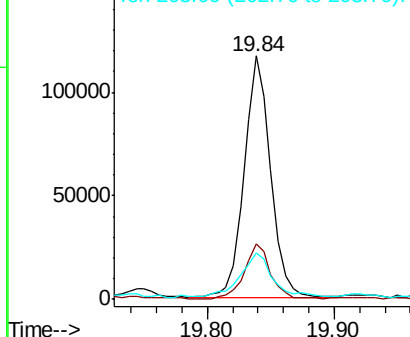
Tot Ion:	202	Resp:	166647
Ion Ratio		Lower	Upper
202	100		
200	22.9	18.7	28.1
203	19.3	16.0	24.0

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 30.085 ng

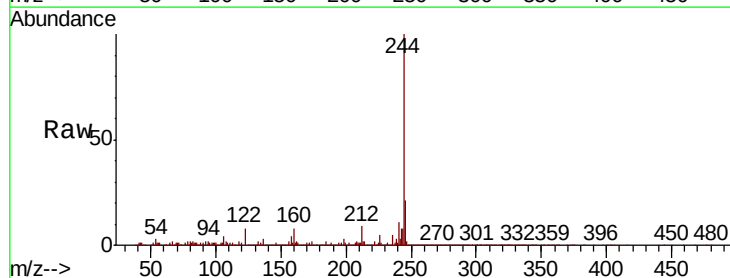
RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

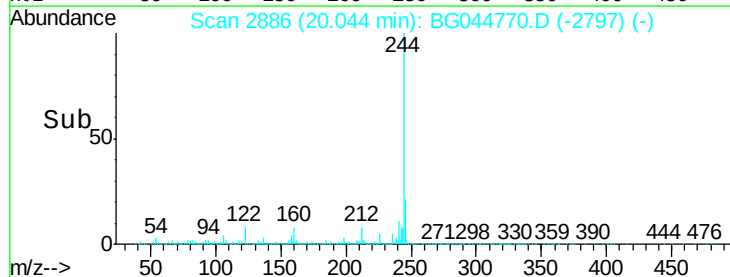
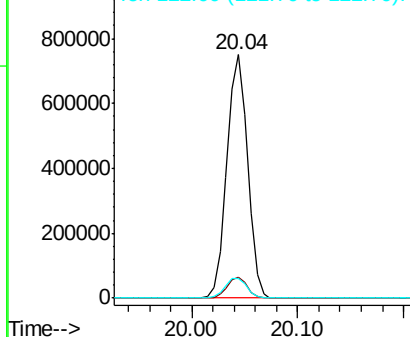
Lab File: BG044770.D

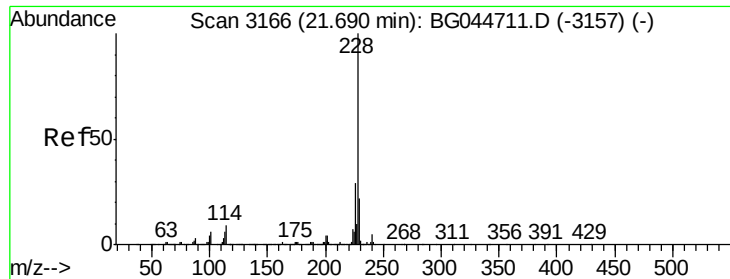
Acq: 13 Mar 2020 16:56

Tgt Ion:	244	Resp:	1013644
Ion Ratio		Lower	Upper
244	100		
212	8.5	8.4	12.6
122	8.1	8.7	13.1#



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





#81

Benzo(a)anthracene

Concen: 2.074 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG044770.D

Acq: 13 Mar 2020 16:56

Instrument :

BNA_G

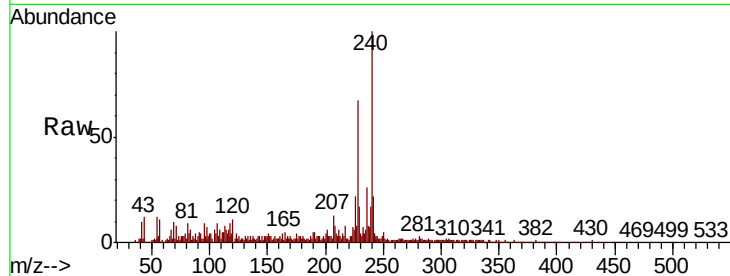
ClientSampleId :

OK-03-031020

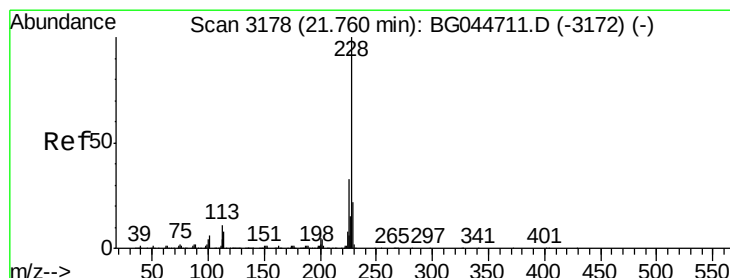
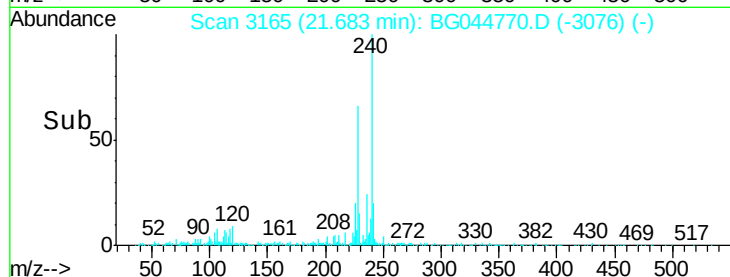
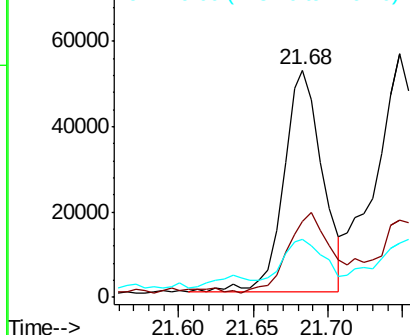
Tot Ion:	228	Resp:	94125
Ion Ratio	Lower	Upper	
228	100		
226	33.3	23.5	35.3
229	25.7	17.2	25.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 2.549 ng m

RT: 21.75 min Scan# 3176

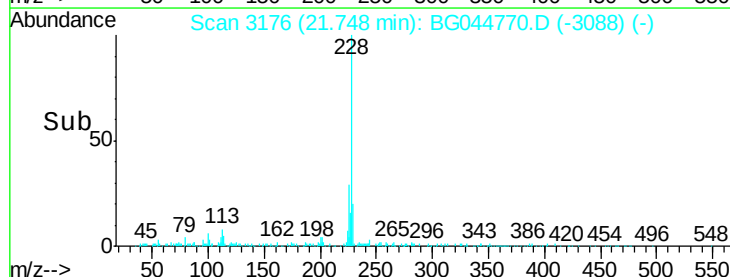
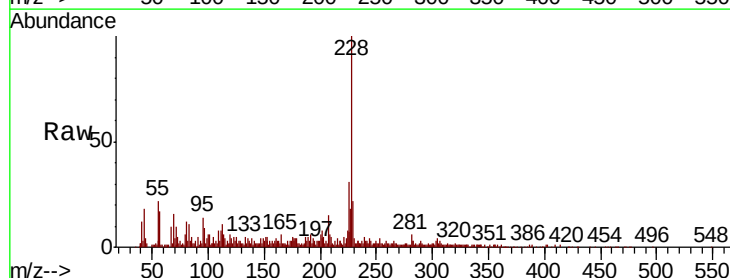
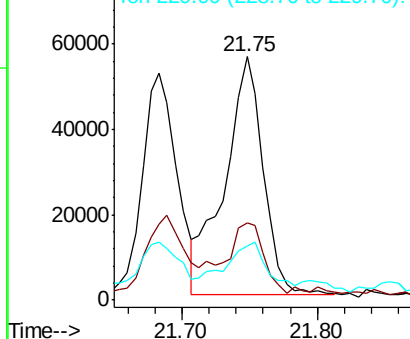
Delta R.T. -0.01 min

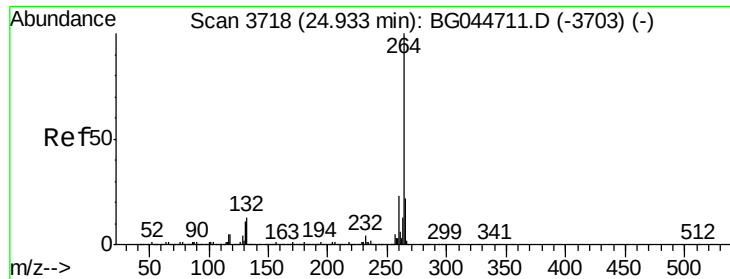
Lab File: BG044770.D

Acq: 13 Mar 2020 16:56

Tgt Ion:	228	Resp:	110478
Ion Ratio	Lower	Upper	
228	100		
226	31.5	26.1	39.1
229	22.3	17.4	26.0

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG044770.D

Acq: 13 Mar 2020 16:56

Instrument :

BNA_G

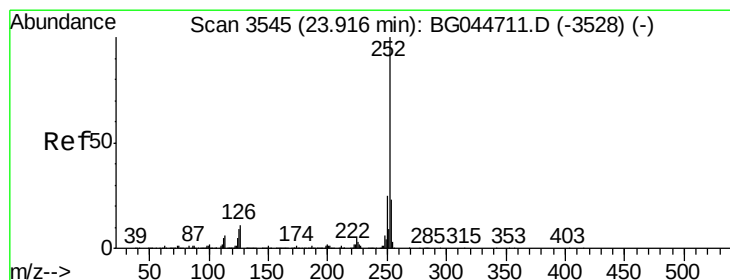
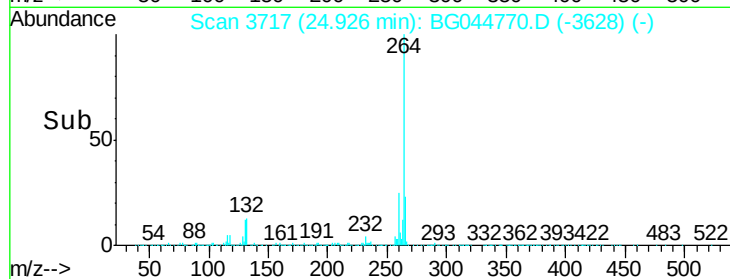
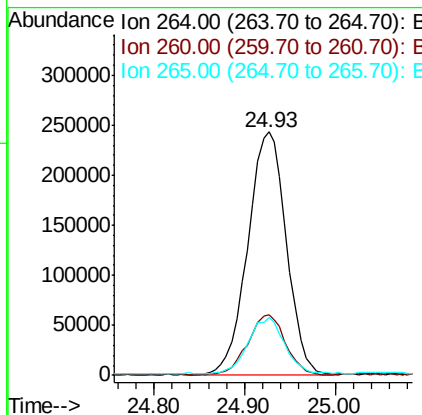
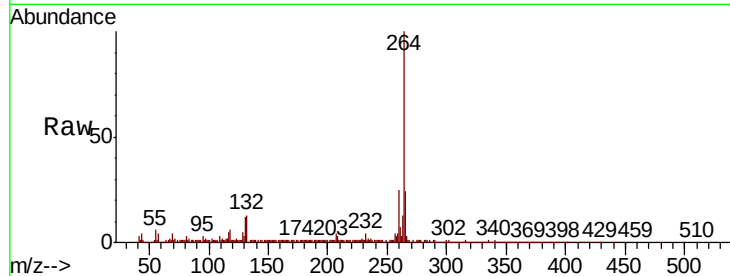
ClientSampleId :

OK-03-031020

Tot Ion:	264	Resp:	710865
Ion Ratio		Lower	Upper
264	100		
260	24.9	18.4	27.6
265	23.6	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 3.091 ng

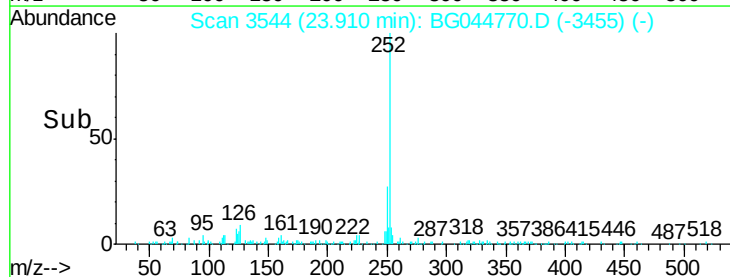
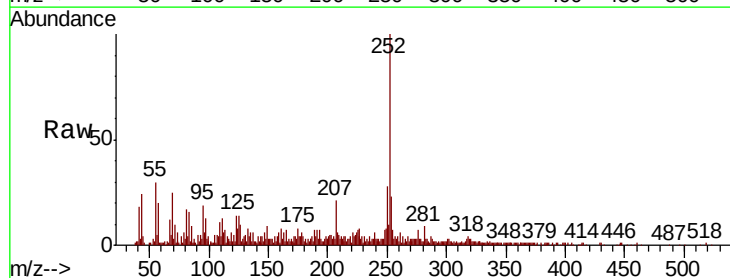
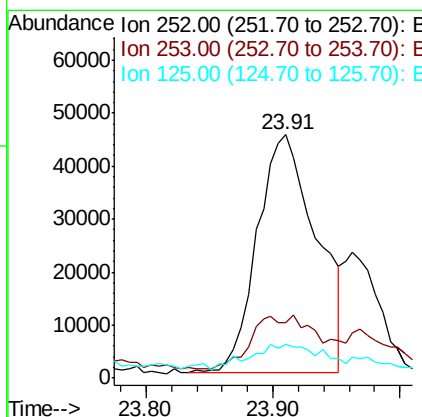
RT: 23.91 min Scan# 3544

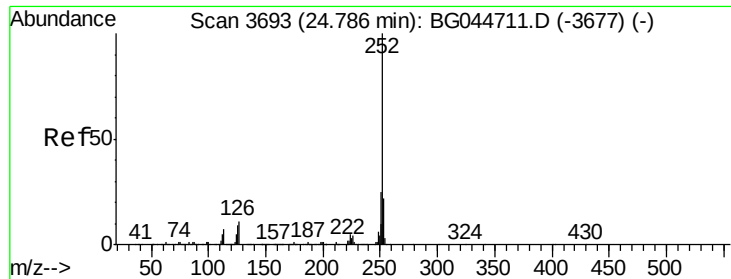
Delta R.T. -0.01 min

Lab File: BG044770.D

Acq: 13 Mar 2020 16:56

Tgt Ion:	252	Resp:	145071
Ion Ratio		Lower	Upper
252	100		
253	22.8	18.7	28.1
125	13.8	7.2	10.8





#90
 Benzo(a)pyrene
 Concen: 2.529 ng
 RT: 24.77 min Scan# 3690
 Delta R.T. -0.02 min
 Lab File: BG044770.D
 Acq: 13 Mar 2020 16:56

Instrument :
 BNA_G
 ClientSampleId :
 OK-03-031020

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.7	26.5
125	11.3	7.0	10.6

Manual Integrations
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