

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
 Data File : BG044825.D
 Acq On : 16 Mar 2020 22:55
 Operator : CG/JU
 Sample : L1902-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-229-13

Manual Integrations
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mohammad
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Quant Time: Mar 17 05:30:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	114415	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	474646	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	326114	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	655792	20.00	ng	0.00
76) Chrysene-d12	21.69	240	501772	20.00	ng	0.00
87) Perylene-d12	24.92	264	578500	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	658620	89.61	ng	0.00
7) Phenol-d6	7.21	99	982212	91.98	ng	0.00
23) Nitrobenzene-d5	9.21	82	648611	59.96	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	406935	95.30	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1295247	56.88	ng	0.00
79) Terphenyl-d14	20.04	244	1549432	57.76	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	131634	5.068	ng	97
71) Phenanthrene	17.47	178	238808	6.814	ng	99
75) Fluoranthene	19.48	202	499459	11.970	ng	95
78) Pyrene	19.84	202	443197	12.039	ng	97
81) Benzo(a)anthracene	21.68	228	202721	5.611	ng	98
83) Chrysene	21.74	228	225789	6.542	ng	100
84) Bis(2-ethylhexyl)phthalate	21.61	149	59593	2.637	ng	# 90
86) Indeno(1,2,3-cd)pyrene	28.56	276	129704	2.867	ng	# 89
88) Benzo(b)fluoranthene	23.90	252	275354	7.210	ng	99
89) Benzo(k)fluoranthene	23.96	252	109777m	3.037	ng	
90) Benzo(a)pyrene	24.76	252	187340	5.242	ng	99
92) Benzo(a,h,i)perylene	29.70	276	127141	3.569	ng	99

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

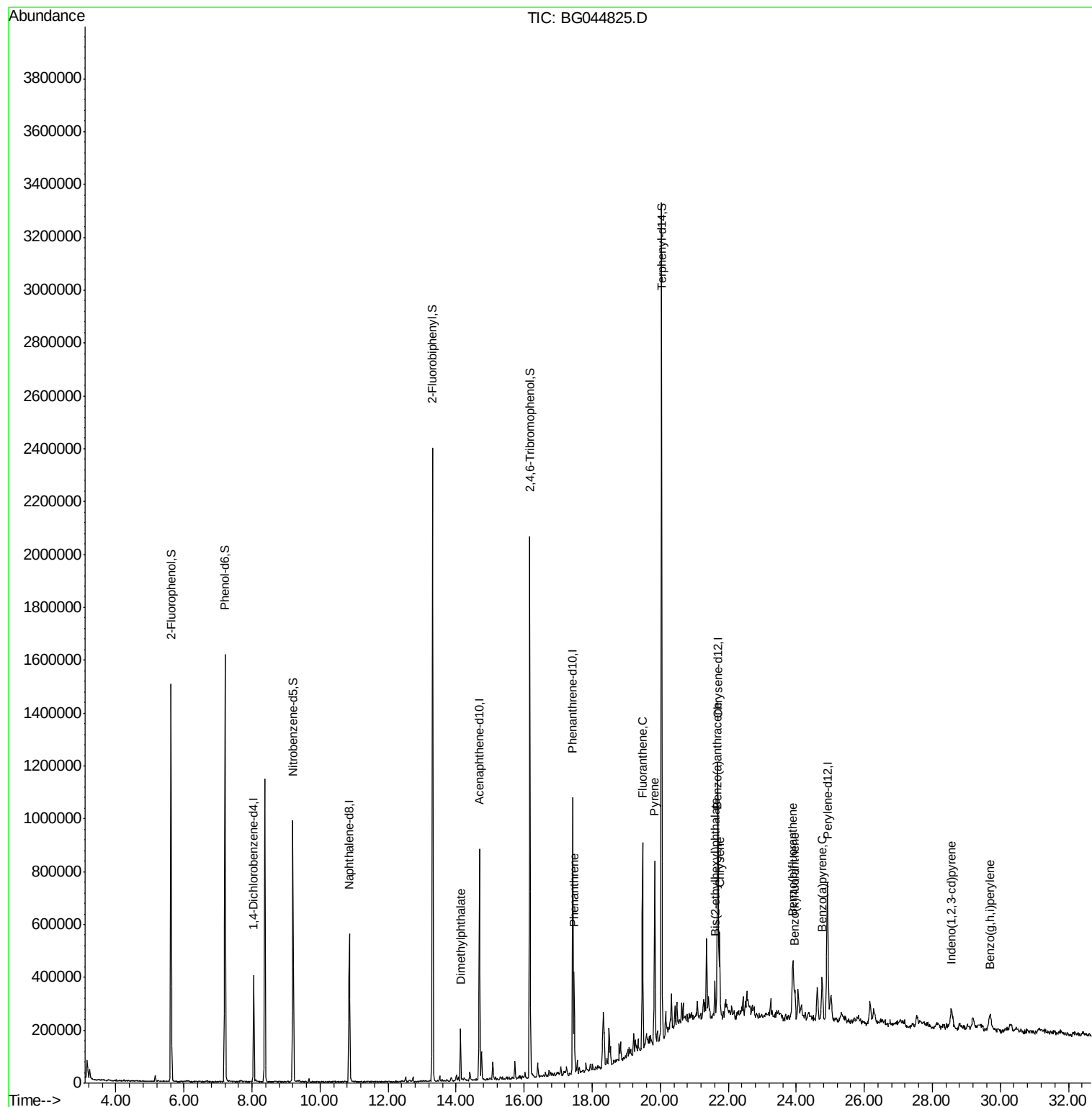
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
Data File : BG044825.D
Acq On : 16 Mar 2020 22:55
Operator : CG/JU
Sample : L1902-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

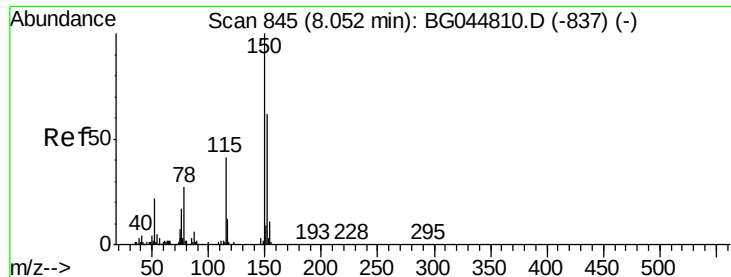
Instrument :
BNA_G
ClientSampleId :
VNJ-229-13

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Quant Time: Mar 17 05:30:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG044825.D

Acq: 16 Mar 2020 22:55

Instrument :

BNA_G

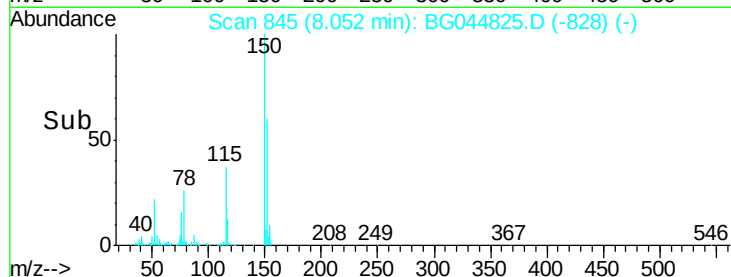
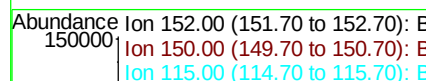
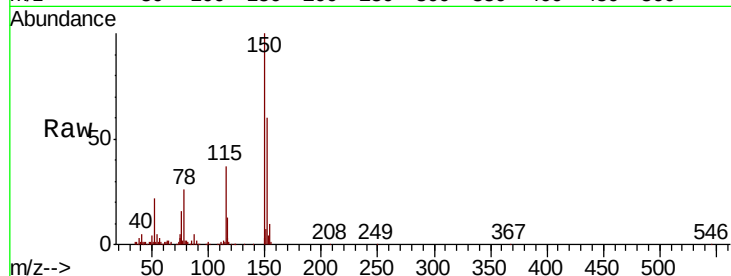
ClientSampleId :

VNJ-229-13

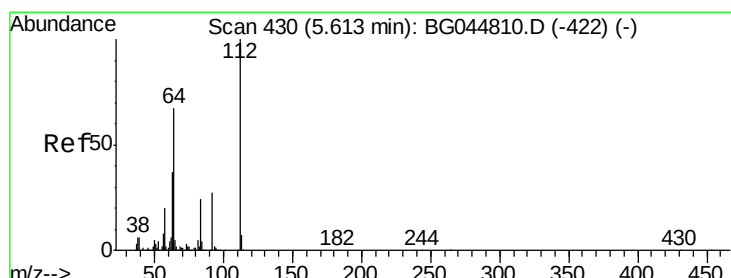
Tot Ion:	152	Resp:	114415
Ion Ratio	Lower	Upper	
152	100		
150	166.7	128.8	193.2
115	61.9	52.6	79.0

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Time-->



#5

2-Fluorophenol

Concen: 89.610 ng

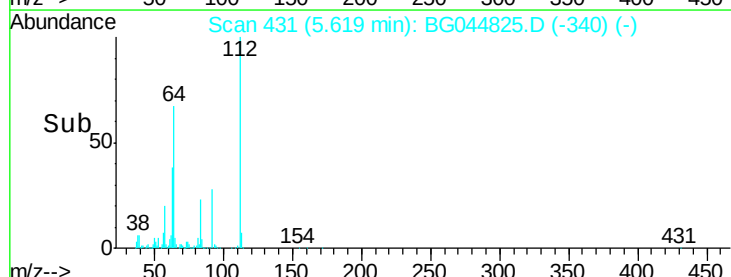
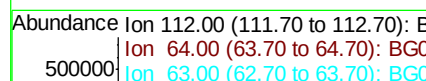
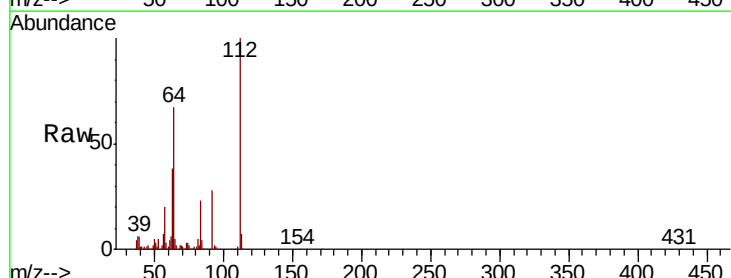
RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

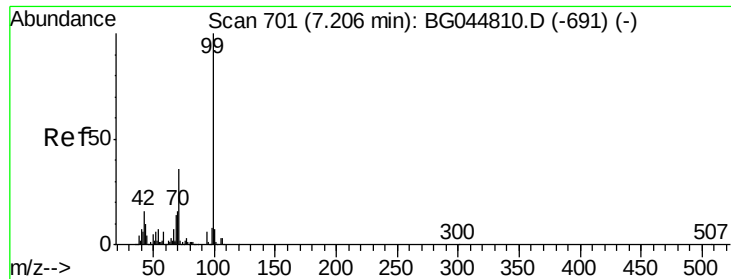
Lab File: BG044825.D

Acq: 16 Mar 2020 22:55

Tgt Ion:	112	Resp:	658620
Ion Ratio	Lower	Upper	
112	100		
64	66.7	53.4	80.2
63	37.8	29.4	44.2



Time-->



#7

Phenol-d6

Concen: 91.977 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG044825.D

Acq: 16 Mar 2020 22:55

Instrument :

BNA_G

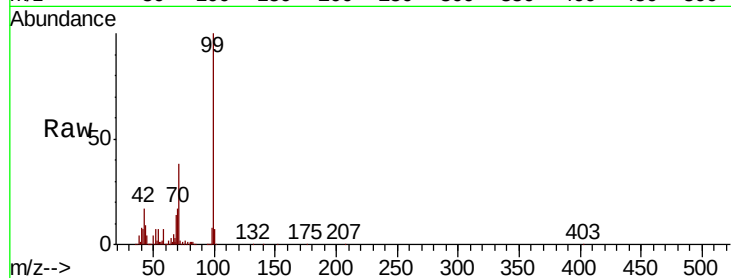
ClientSampleId :

VNJ-229-13

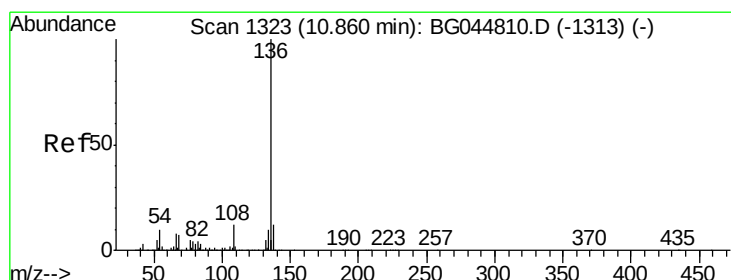
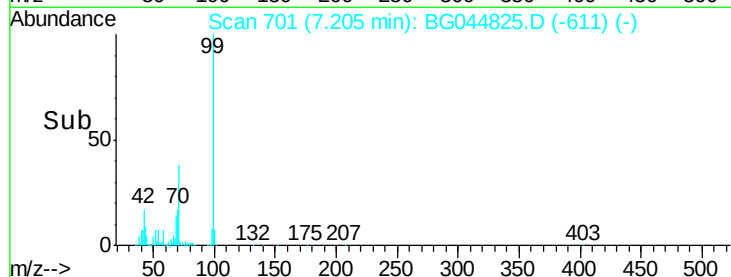
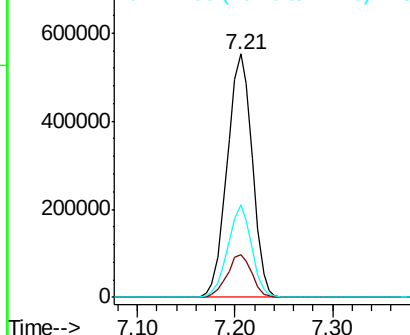
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		982212		
42	17.4	12.6	19.0		
71	38.1	29.0	43.4		

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

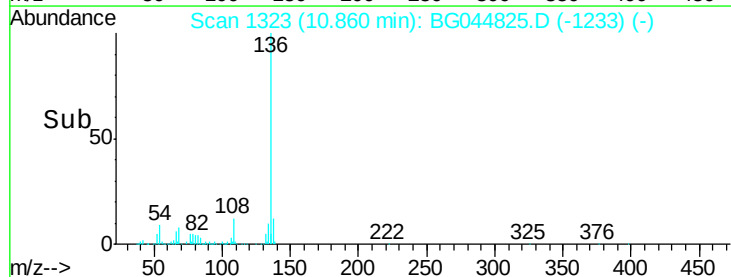
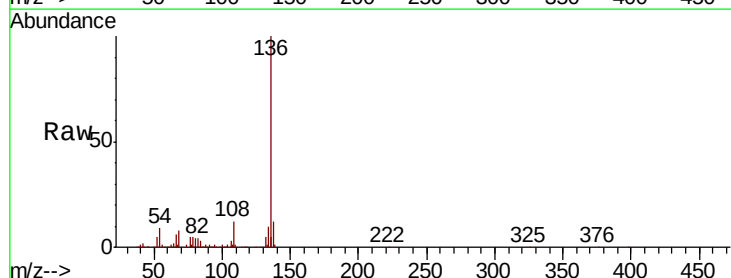
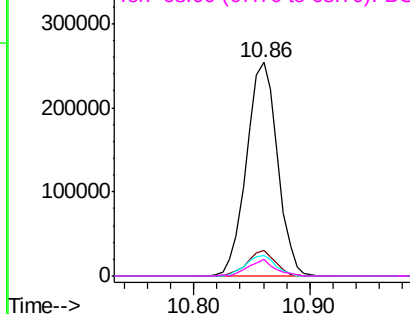
Delta R.T. -0.00 min

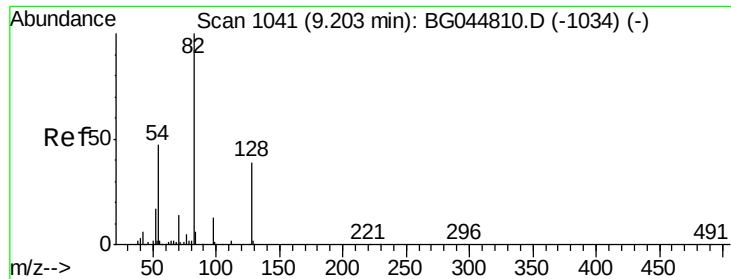
Lab File: BG044825.D

Acq: 16 Mar 2020 22:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		474646		
137	11.9	9.8	14.6		
54	9.4	7.9	11.9		
68	7.6	5.4	8.0		

Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





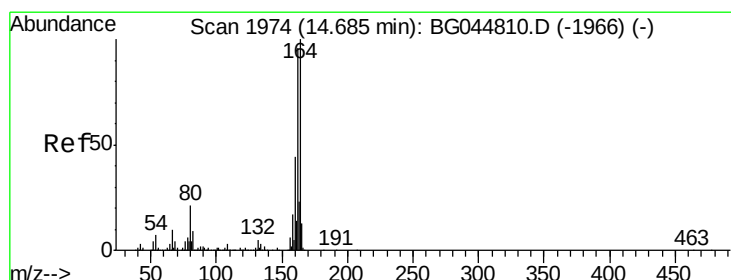
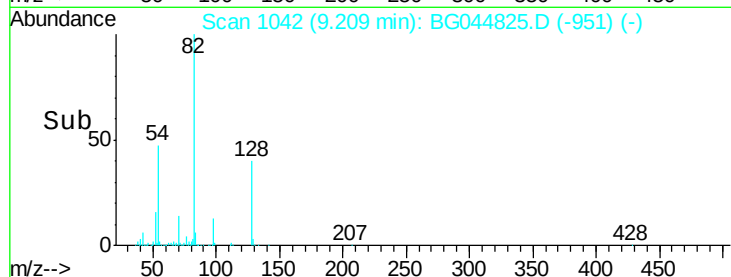
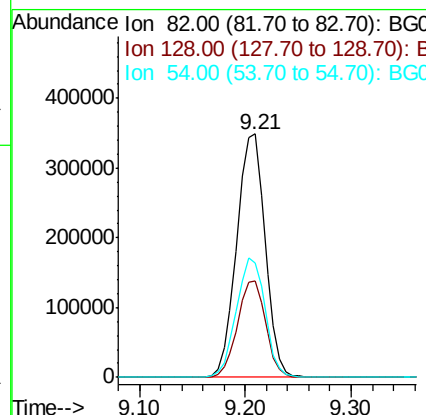
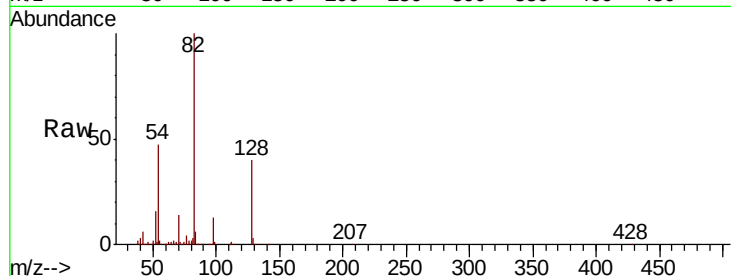
#23
Nitrobenzene-d5
Concen: 59.965 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BG044825.D
Acq: 16 Mar 2020 22:55

Instrument :
BNA_G
ClientSampleId :
VNJ-229-13

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.6	30.6	46.0
54	47.1	37.1	55.7

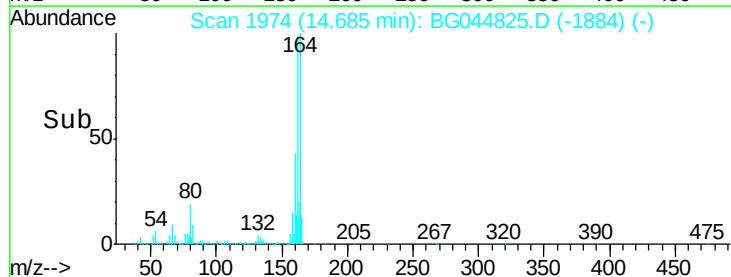
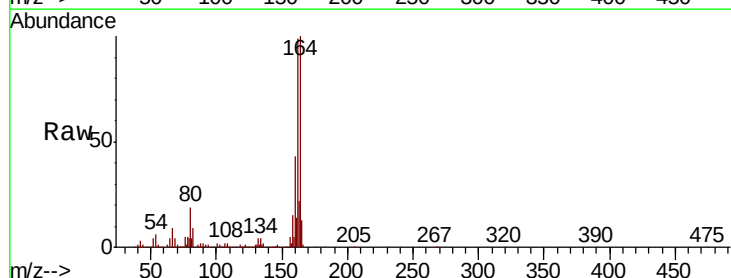
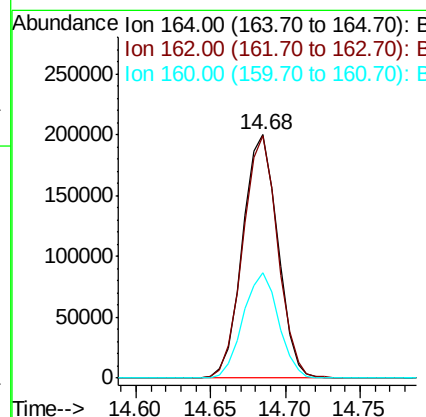
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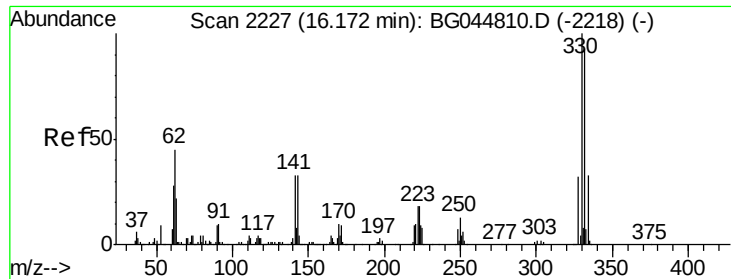
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG044825.D
Acq: 16 Mar 2020 22:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	76.7	115.1
160	43.4	35.0	52.4





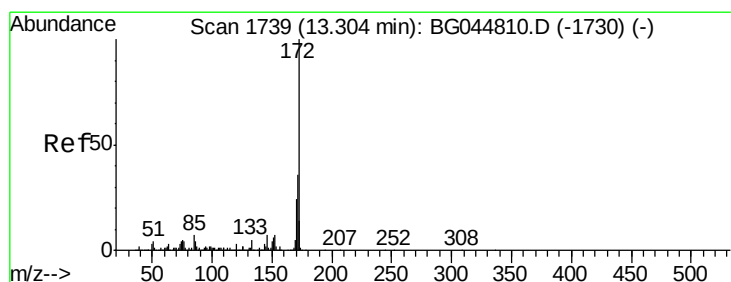
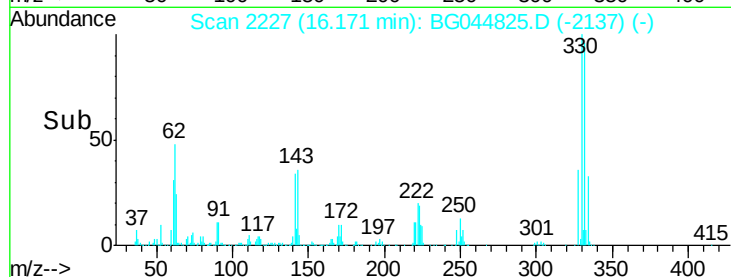
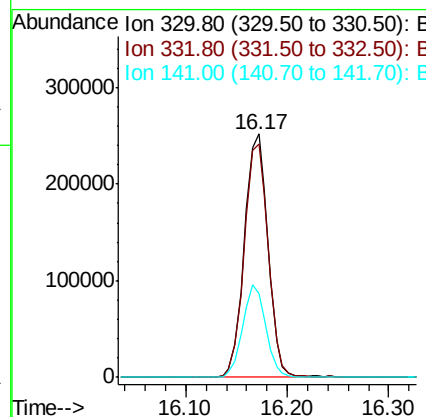
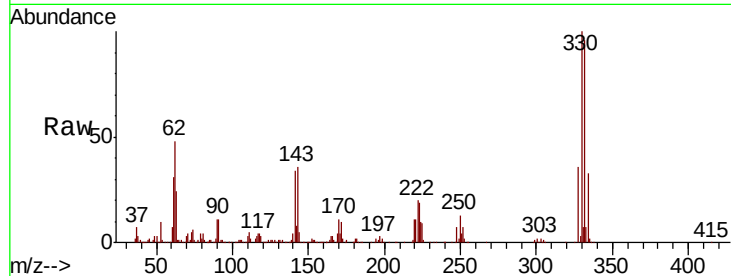
#42
 2,4,6-Tribromophenol
 Concen: 95.302 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.00 min
 Lab File: BG044825.D
 Acq: 16 Mar 2020 22:55

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-229-13

Tot Ion	Ratio	Resp	Lower	Upper
330	100	406935		
332	97.6		77.8	116.6
141	37.3		29.5	44.3

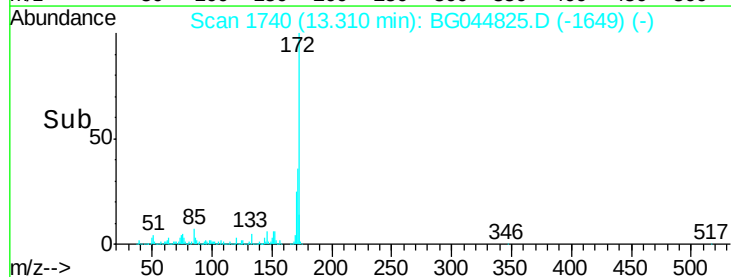
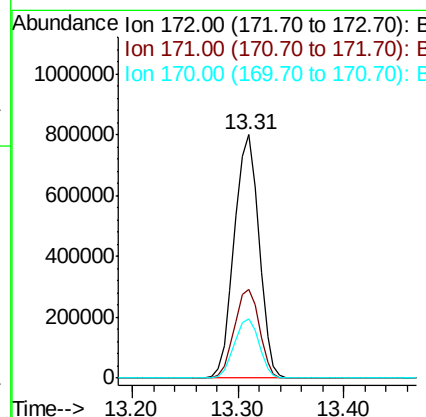
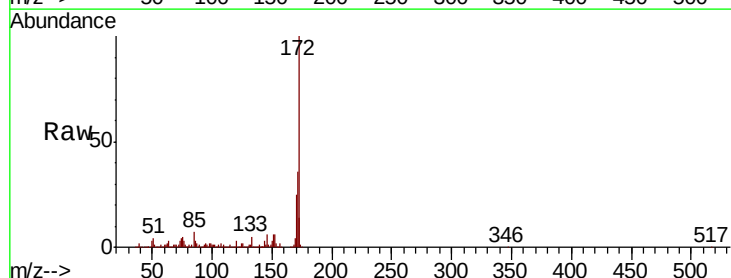
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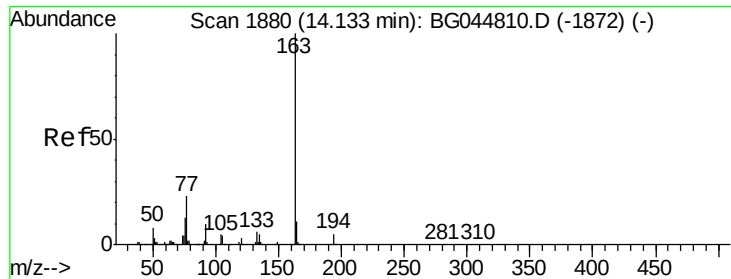
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#45
 2-Fluorobiphenyl
 Concen: 56.877 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. 0.01 min
 Lab File: BG044825.D
 Acq: 16 Mar 2020 22:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1295247		
171	36.4		28.7	43.1
170	24.6		19.0	28.6





#50

Dimethylphthalate

Concen: 5.068 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BG044825.D

Acq: 16 Mar 2020 22:55

Instrument :

BNA_G

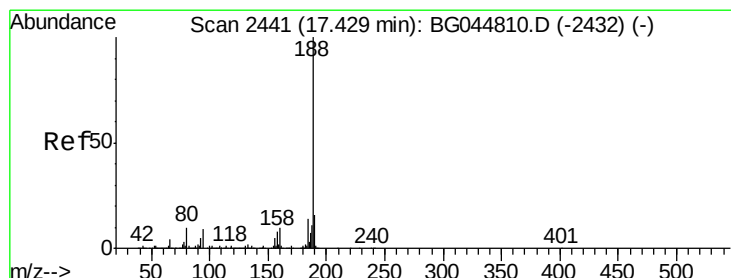
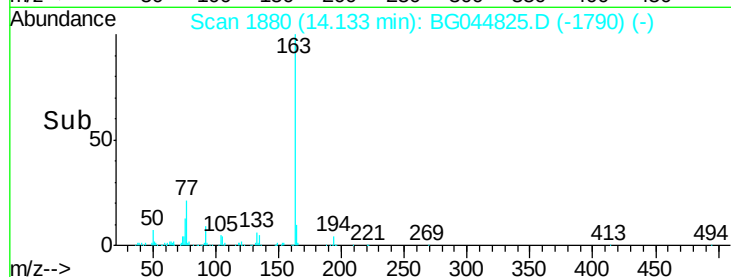
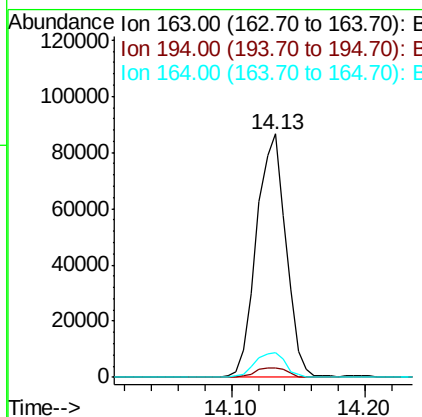
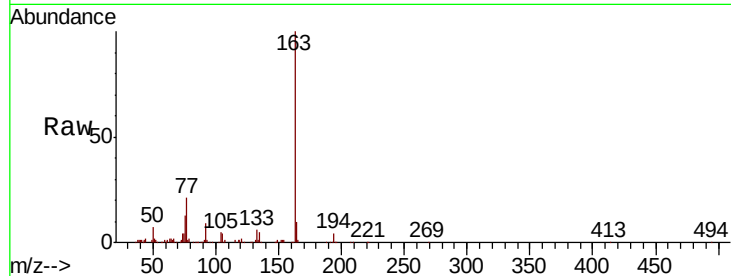
ClientSampleId :

VNJ-229-13

Tot Ion:	163	Resp:	131634
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.7	5.5
164	10.1	9.1	13.7

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#64

Phenanthrene-d10

Concen: 20.000 ng

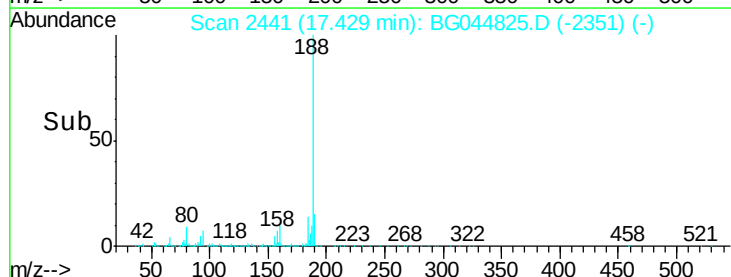
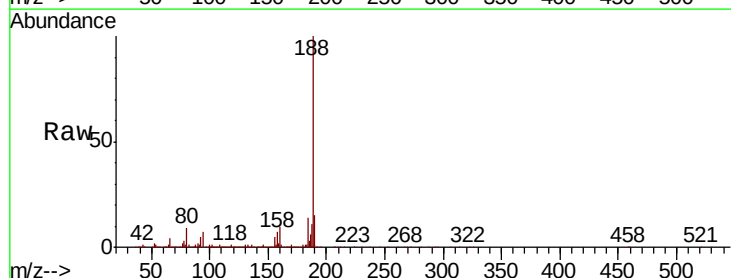
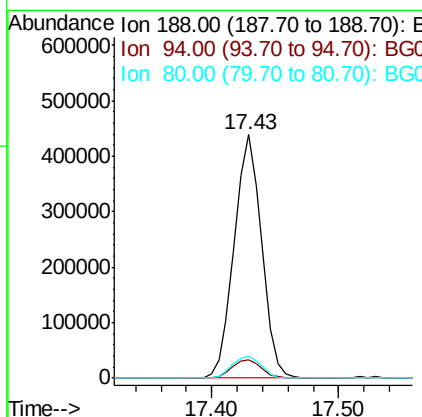
RT: 17.43 min Scan# 2441

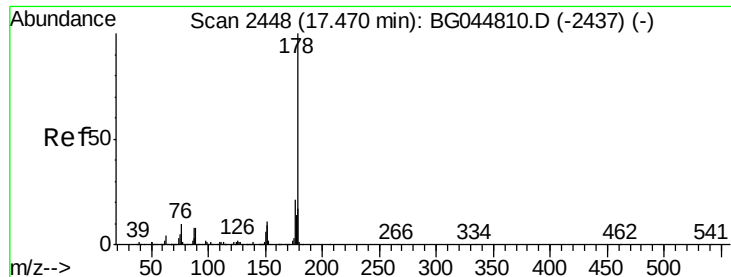
Delta R.T. -0.00 min

Lab File: BG044825.D

Acq: 16 Mar 2020 22:55

Tgt Ion:	188	Resp:	655792
Ion Ratio	Lower	Upper	
188	100		
94	7.3	7.3	10.9
80	8.9	8.0	12.0





#71

Phenanthrene

Concen: 6.814 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BG044825.D

Acq: 16 Mar 2020 22:55

Instrument :

BNA_G

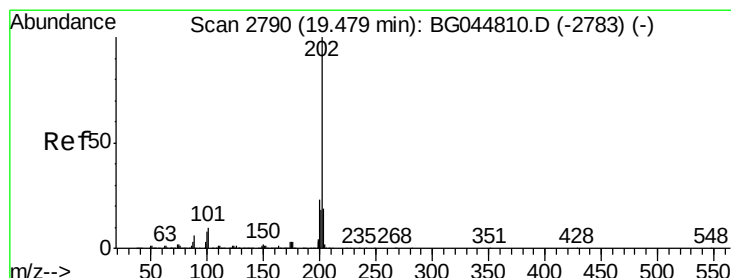
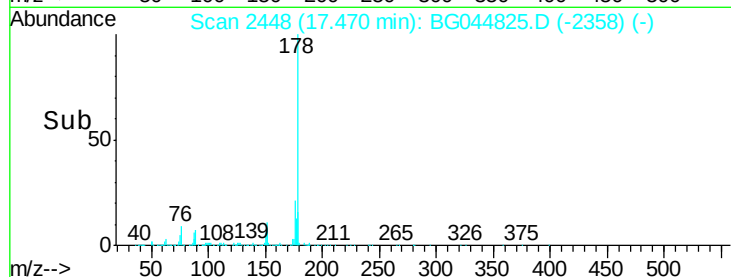
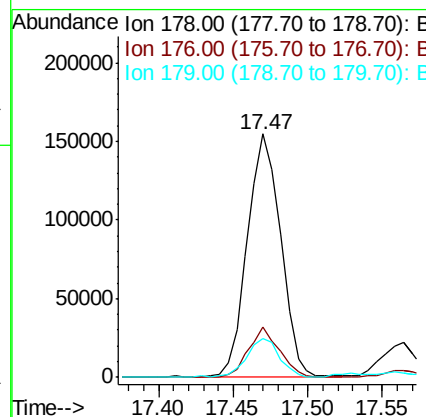
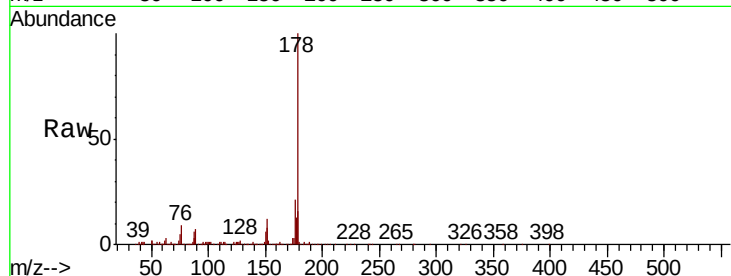
ClientSampleId :

VNJ-229-13

Tot Ion:	178	Resp:	238808
Ion Ratio	Lower	Upper	
178	100		
176	20.8	16.6	24.8
179	16.2	13.5	20.3

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#75

Fluoranthene

Concen: 11.970 ng

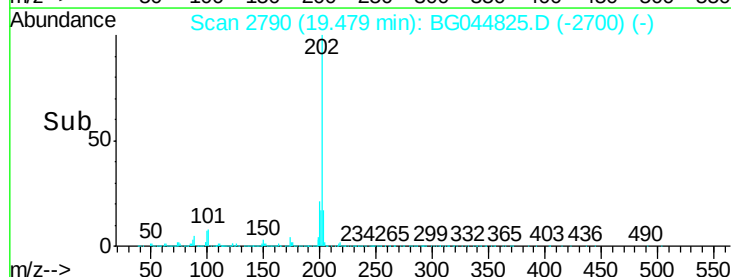
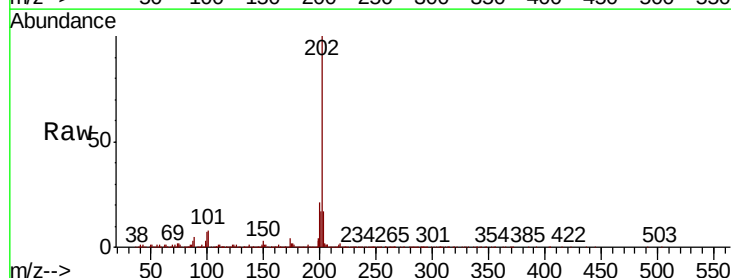
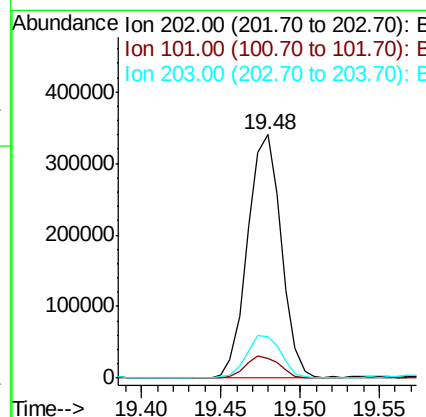
RT: 19.48 min Scan# 2790

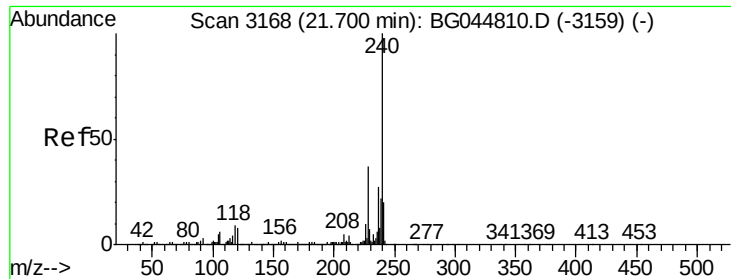
Delta R.T. -0.00 min

Lab File: BG044825.D

Acq: 16 Mar 2020 22:55

Tgt Ion:	202	Resp:	499459
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	29.8
203	17.1	0.0	39.4





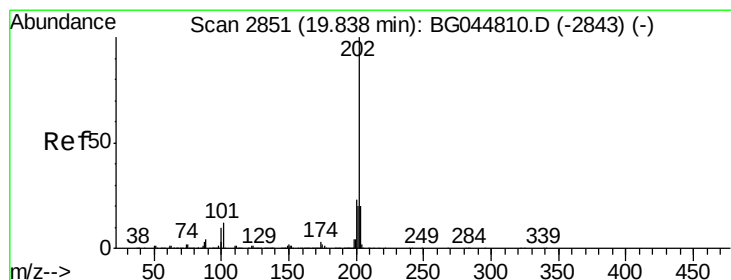
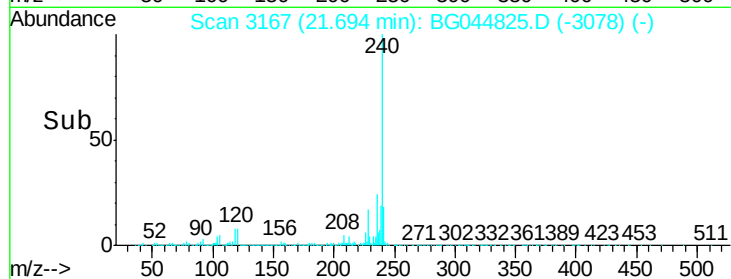
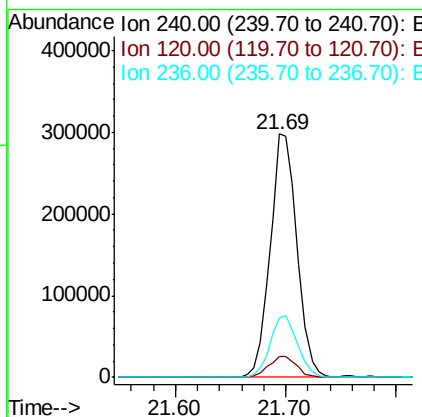
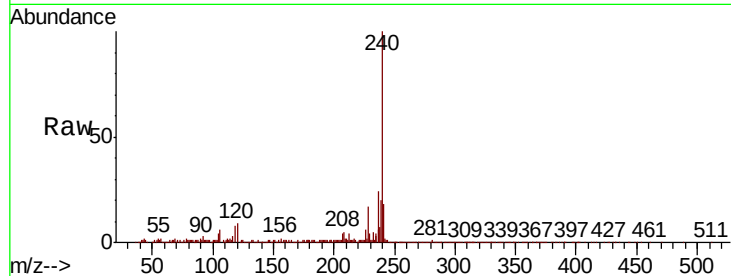
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG044825.D
Acq: 16 Mar 2020 22:55

Instrument :
BNA_G
ClientSampleId :
VNJ-229-13

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.7	6.7	10.1
236	24.4	21.5	32.3

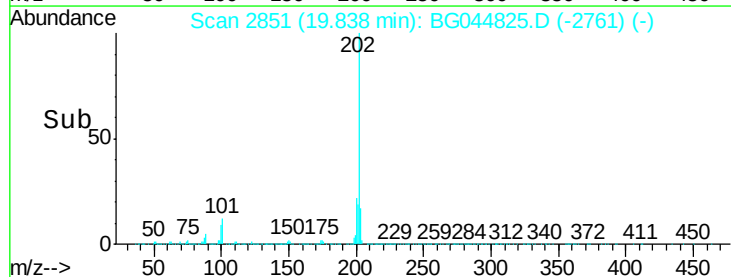
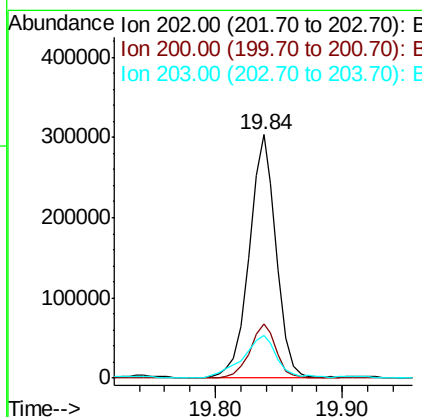
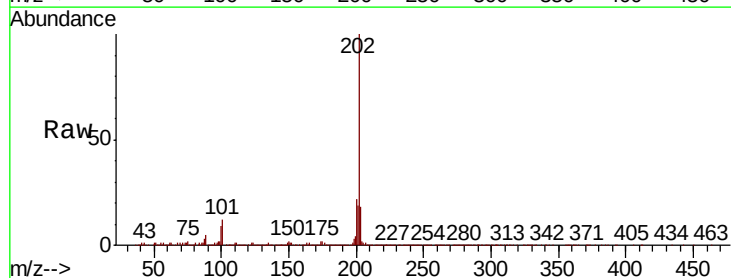
Manual Integrations
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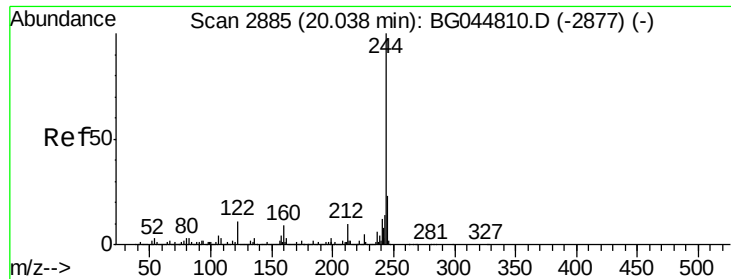
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#78
Pyrene
Concen: 12.039 ng
RT: 19.84 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BG044825.D
Acq: 16 Mar 2020 22:55

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.3	27.5
203	17.5	15.6	23.4





#79

Terphenyl-d14

Concen: 57.761 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG044825.D

Acq: 16 Mar 2020 22:55

Instrument :

BNA_G

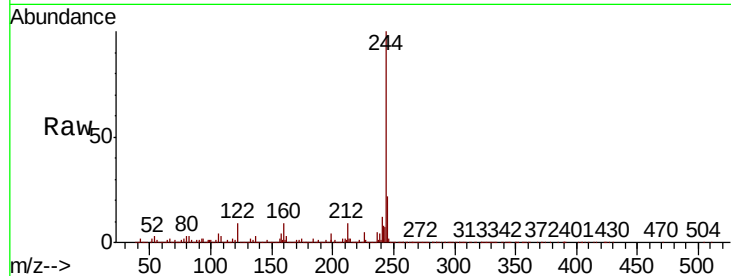
ClientSampleId :

VNJ-229-13

Tot Ion:	244	Resp:	1549432
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.7	11.5
122	9.4	8.6	12.8

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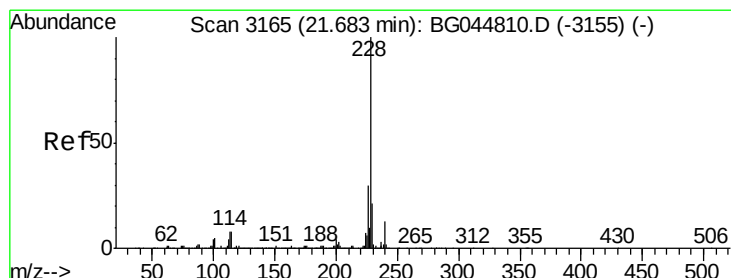
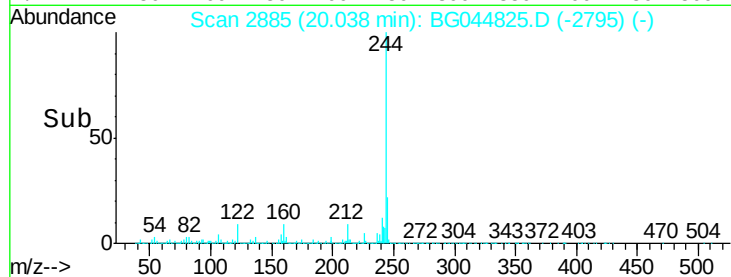
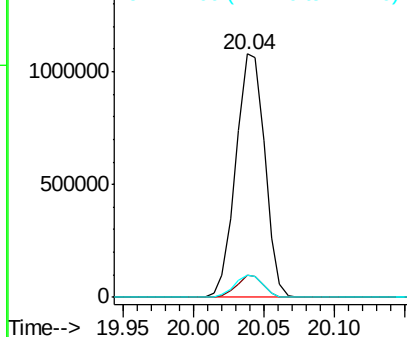


Abundance

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



#81

Benzo(a)anthracene

Concen: 5.611 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG044825.D

Acq: 16 Mar 2020 22:55

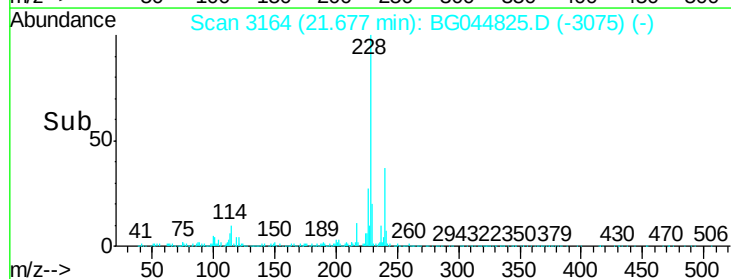
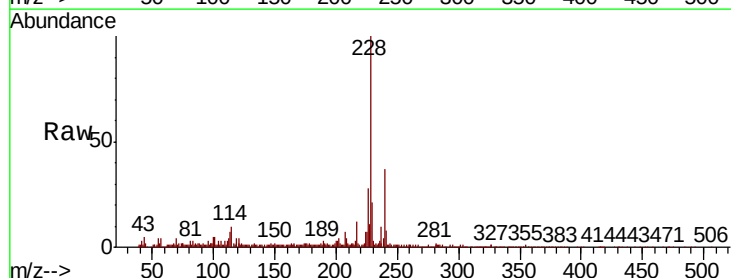
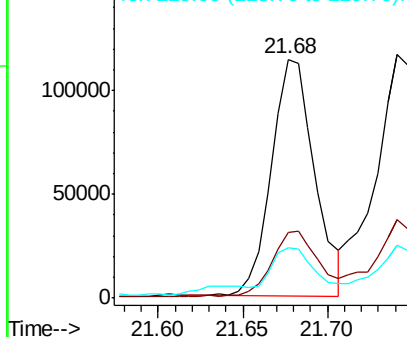
Tgt Ion:	228	Resp:	202721
Ion	Ratio	Lower	Upper
228	100		
226	27.6	23.6	35.4
229	21.1	17.1	25.7

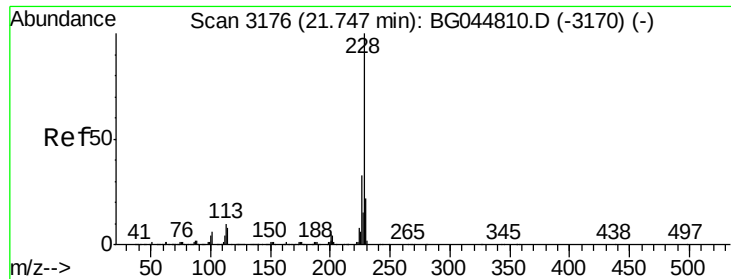
Abundance

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





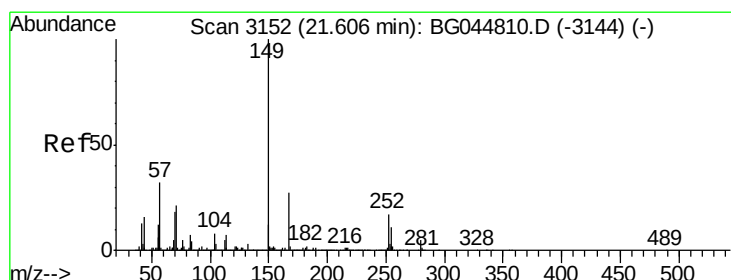
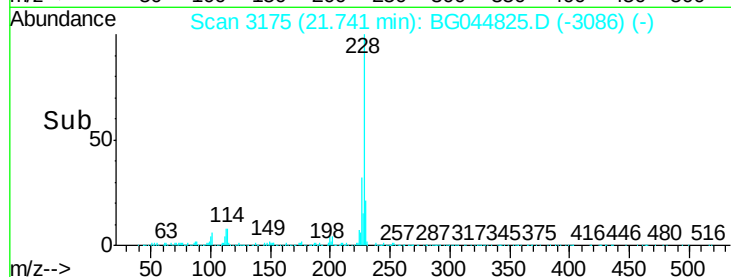
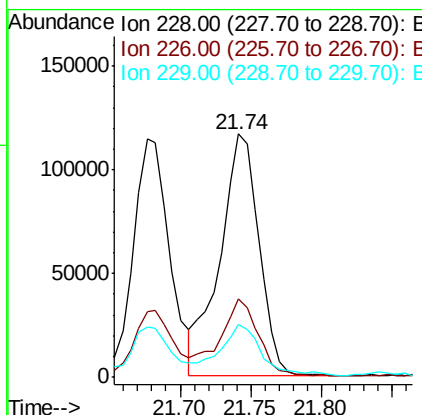
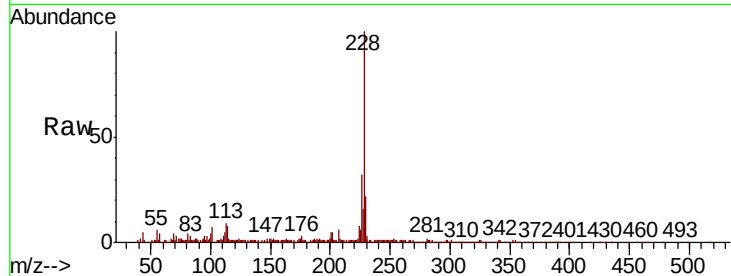
#83
Chrysene
Concen: 6.542 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.01 min
Lab File: BG044825.D
Acq: 16 Mar 2020 22:55

Instrument :
BNA_G
ClientSampleId :
VNJ-229-13

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.9	38.9
229	21.9	17.4	26.0

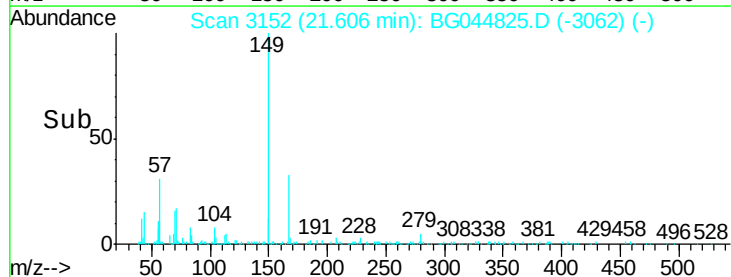
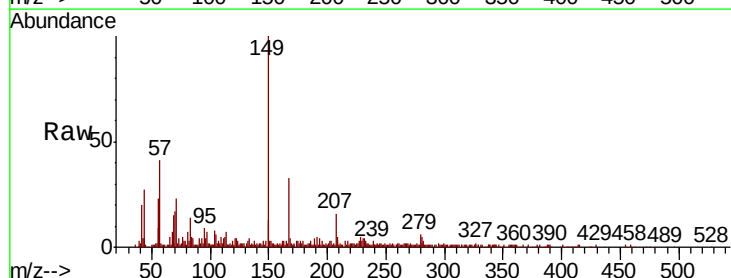
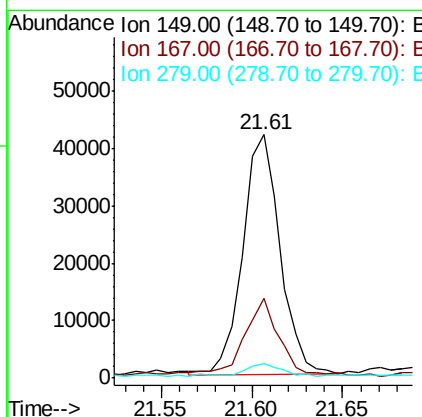
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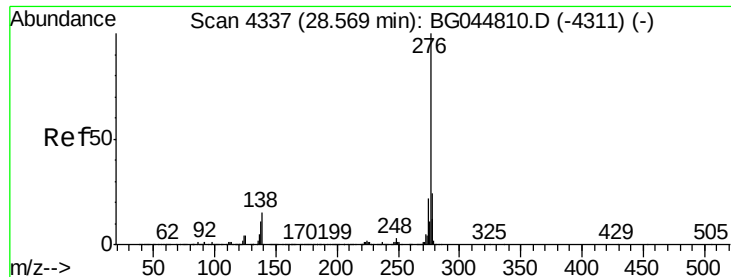
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.637 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BG044825.D
Acq: 16 Mar 2020 22:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.8	21.8	32.6#
279	5.8	3.8	5.6#





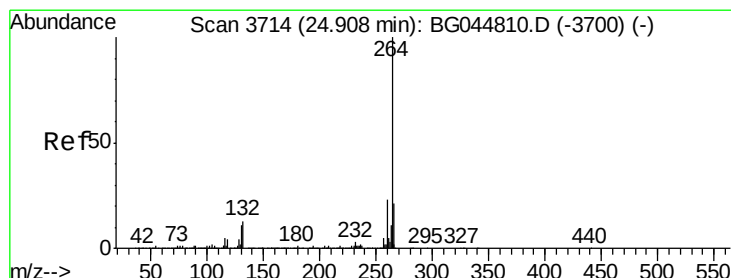
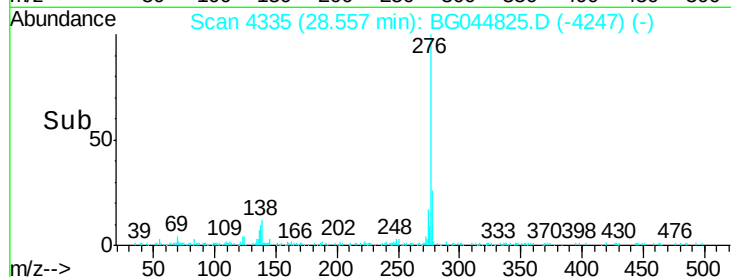
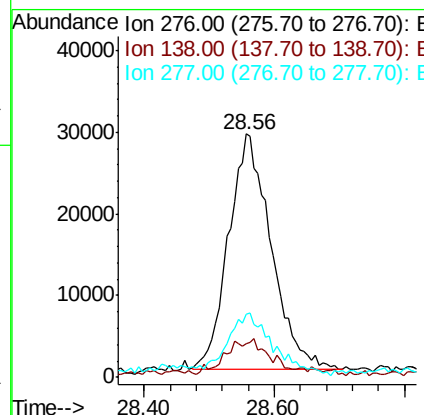
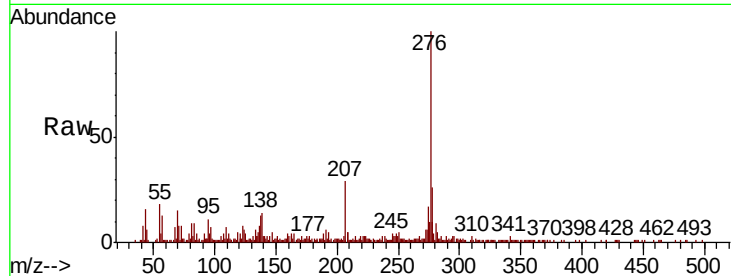
#86
Indeno(1,2,3-cd)pyrene
Concen: 2.867 ng
RT: 28.56 min Scan# 4335
Delta R.T. -0.01 min
Lab File: BG044825.D
Acq: 16 Mar 2020 22:55

Instrument :
BNA_G
ClientSampleId :
VNJ-229-13

Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	7.4	11.0#
277	28.9	20.8	31.2

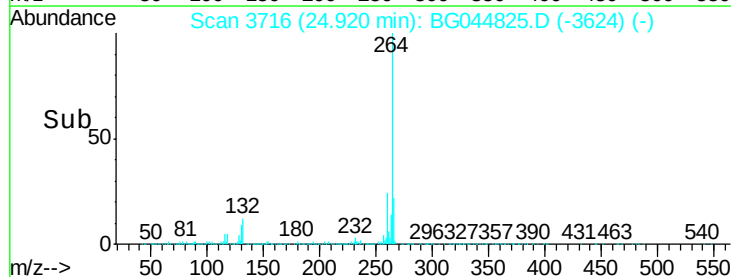
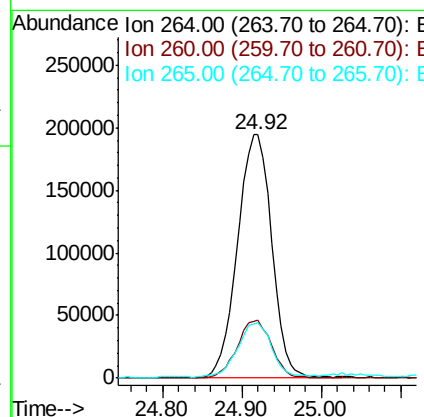
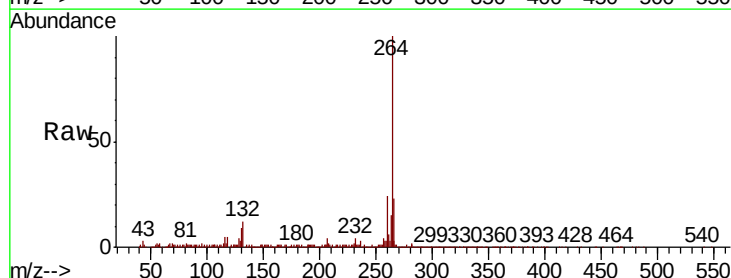
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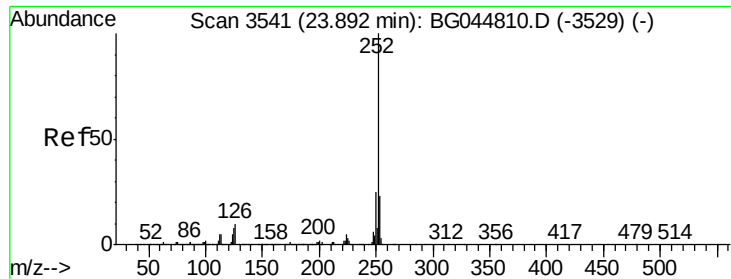
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#87
Perylene-d12
Concen: 20.000 ng
RT: 24.92 min Scan# 3716
Delta R.T. 0.01 min
Lab File: BG044825.D
Acq: 16 Mar 2020 22:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.1	27.1
265	22.7	17.1	25.7





#88

Benzo(b)fluoranthene

Concen: 7.210 ng

RT: 23.90 min Scan# 3543

Delta R.T. 0.01 min

Lab File: BG044825.D

Acq: 16 Mar 2020 22:55

Instrument :

BNA_G

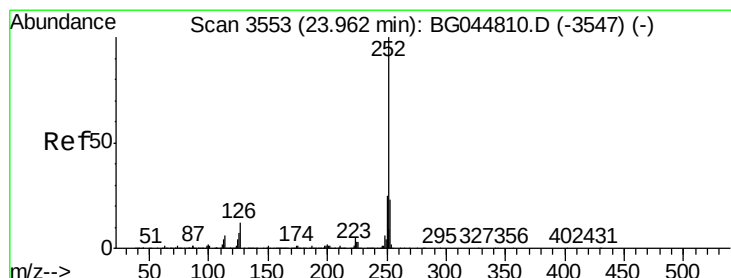
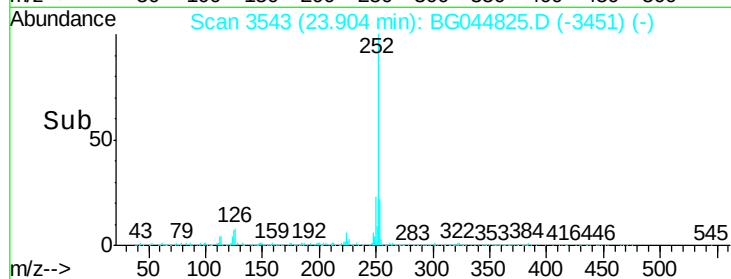
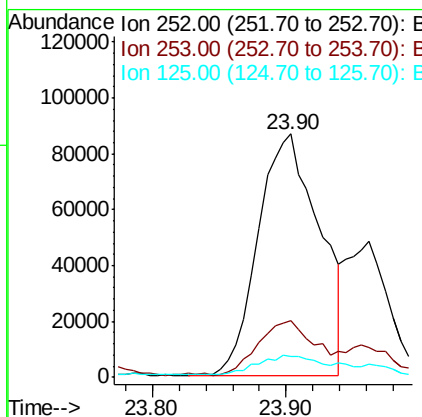
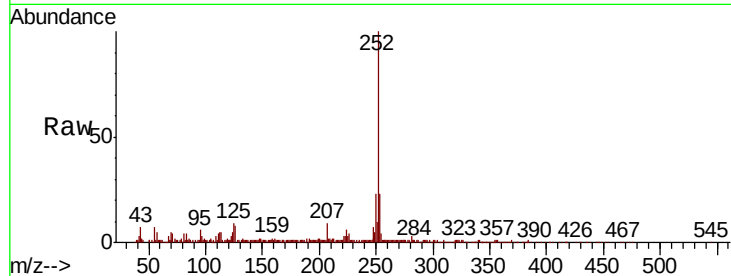
ClientSampleId :

VNJ-229-13

Tot Ion:	252	Resp:	275354
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.1	27.1
125	8.6	6.6	9.8

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#89

Benzo(k)fluoranthene

Concen: 3.037 ng m

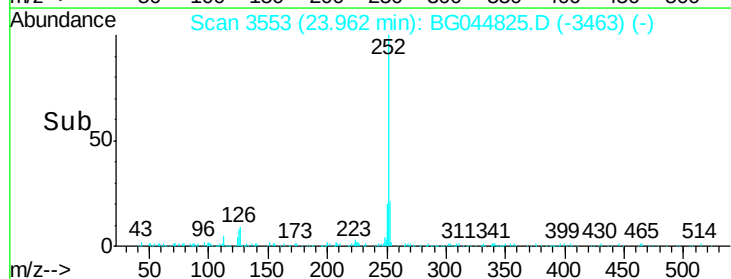
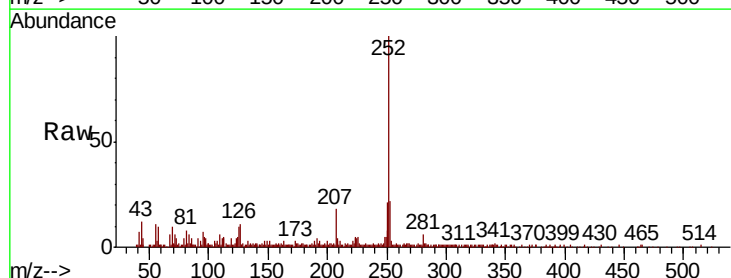
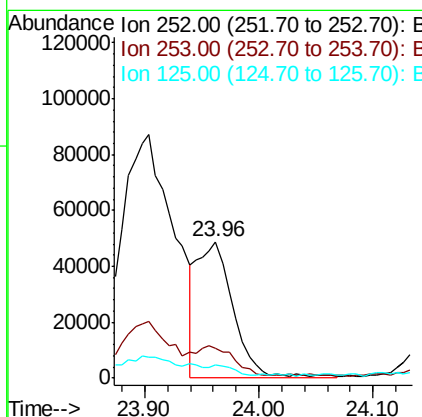
RT: 23.96 min Scan# 3553

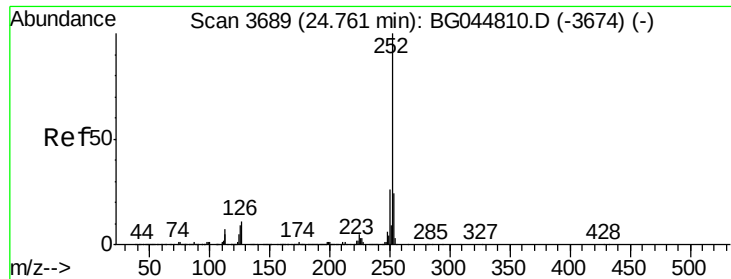
Delta R.T. -0.00 min

Lab File: BG044825.D

Acq: 16 Mar 2020 22:55

Tgt Ion:	252	Resp:	109777
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.5	27.7
125	9.6	6.2	9.2#





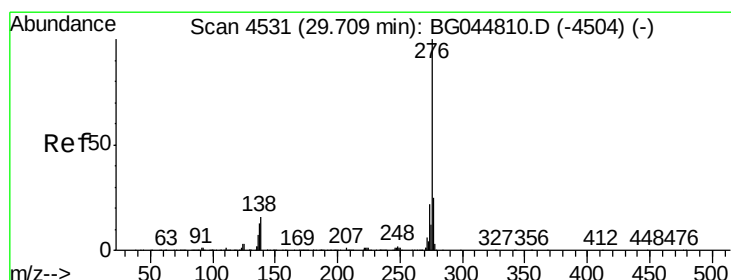
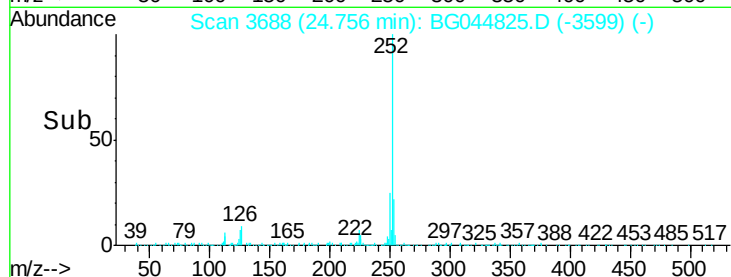
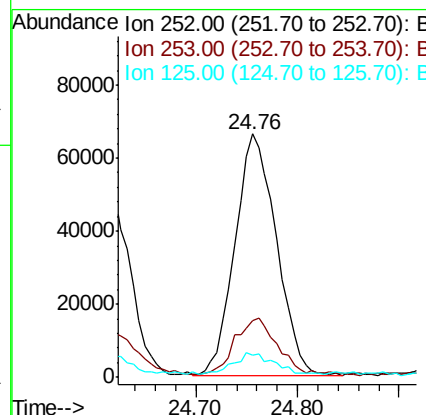
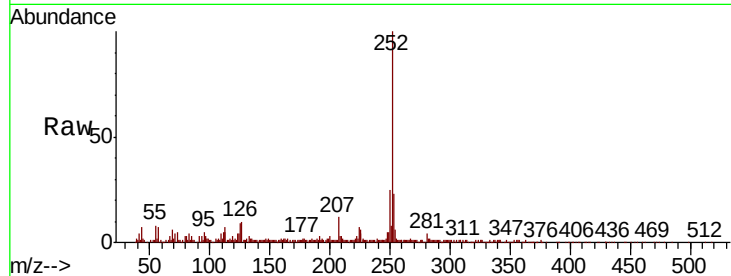
#90
Benzo(a)pyrene
Concen: 5.242 ng
RT: 24.76 min Scan# 3688
Delta R.T. -0.01 min
Lab File: BG044825.D
Acq: 16 Mar 2020 22:55

Instrument :
BNA_G
ClientSampleId :
VNJ-229-13

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.4	29.0
125	8.9	7.2	10.8

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#92
Benzo(g,h,i)perylene
Concen: 3.569 ng
RT: 29.70 min Scan# 4529
Delta R.T. -0.01 min
Lab File: BG044825.D
Acq: 16 Mar 2020 22:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	20.1	30.1
138	15.9	13.0	19.6

