

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
 Data File : BG045499.D
 Acq On : 28 May 2020 16:12
 Operator : CG/JU
 Sample : L2745-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM36-COMP-2020-0-6

Manual Integrations
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Quant Time: Jun 03 06:16:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:15:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	93255	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	380358	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	268684	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	572979	20.00	ng	0.00
76) Chrysene-d12	21.61	240	493501	20.00	ng	0.00
87) Perylene-d12	24.75	264	528452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	362705	76.01	ng	0.00
7) Phenol-d6	7.17	99	605249	89.12	ng	0.00
23) Nitrobenzene-d5	9.12	82	433105	62.09	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	311612	90.69	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1040250	65.67	ng	0.00
79) Terphenyl-d14	19.96	244	1425659	67.38	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	146488	7.948	ng	99
75) Fluoranthene	19.40	202	277450	8.720	ng	97
78) Pyrene	19.76	202	260716	9.268	ng	99
81) Benzo(a)anthracene	21.59	228	154173	5.608	ng	97
83) Chrysene	21.65	228	143321	5.422	ng	97
88) Benzo(b)fluoranthene	23.76	252	211221	7.453	ng	99
89) Benzo(k)fluoranthene	23.81	252	69050m	2.593	ng	
90) Benzo(a)pyrene	24.60	252	154543	5.855	ng	95
92) Benzo(g,h,i)perylene	29.43	276	107205	4.041	ng	96

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

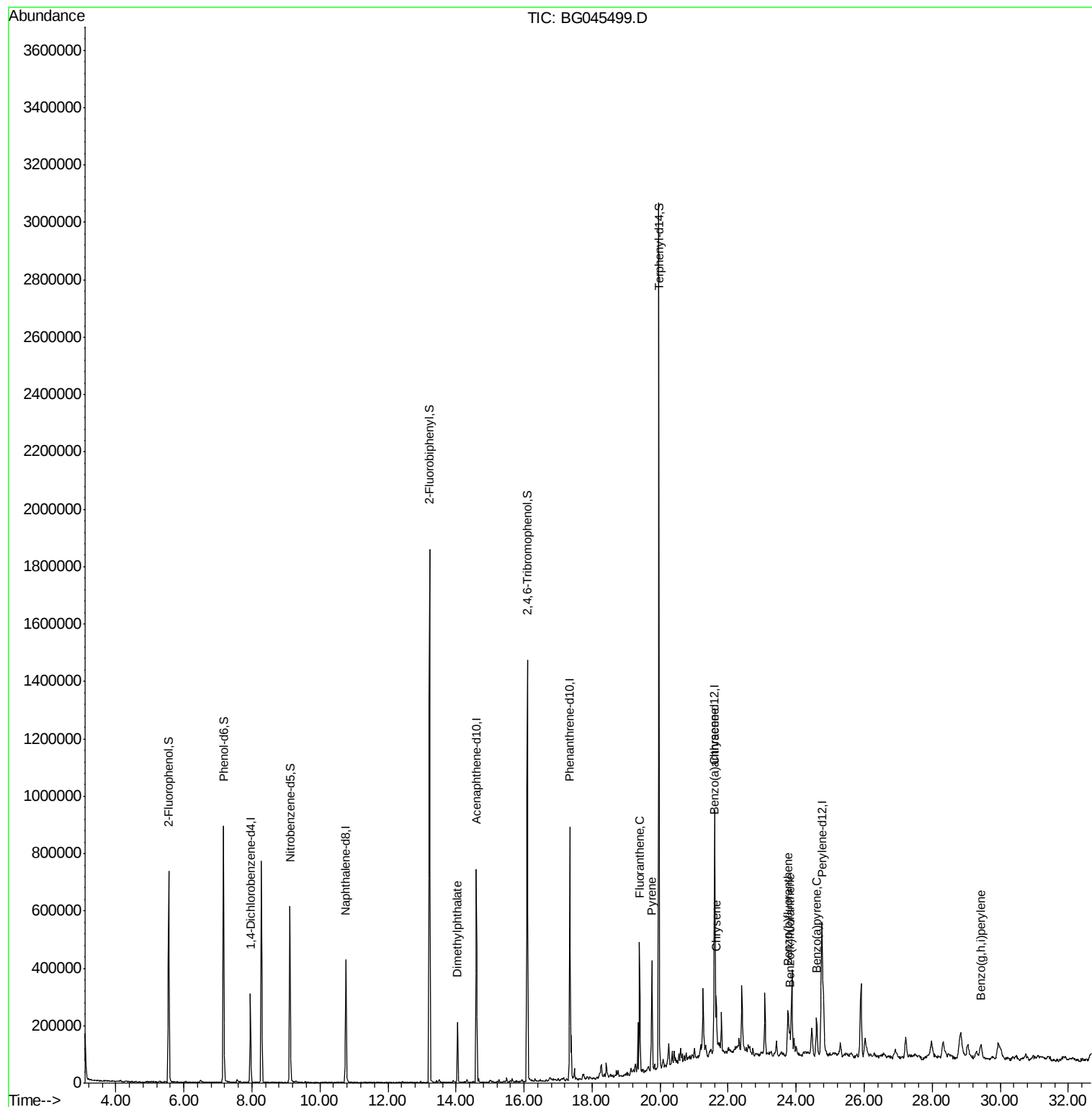
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052820\
Data File : BG045499.D
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Operator : CG/JU
Sample : L2745-16
Misc :
ALS Vial : 9 Sample Multiplier: 1

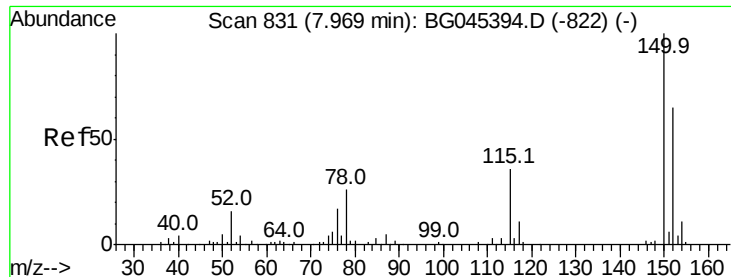
Instrument :
BNA_G
ClientSampleId :
NM36-COMP-2020-0-6

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Quant Time: Jun 03 06:16:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 28 13:15:42 2020
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#1

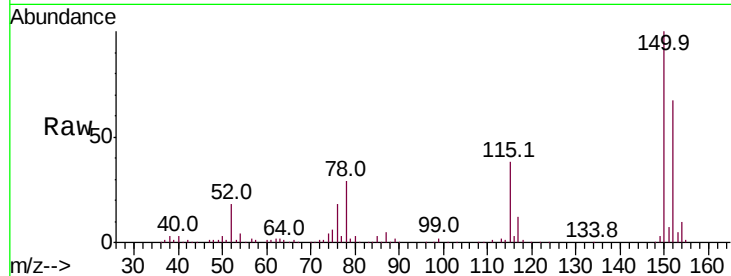
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG045499.D
Acq: 28 May 2020 16:12

Instrument :
BNA_G
ClientSampleId :
NM36-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	122.4	183.6
115	57.0	44.2	66.4

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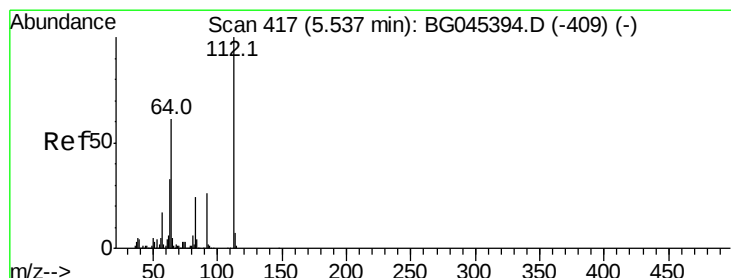
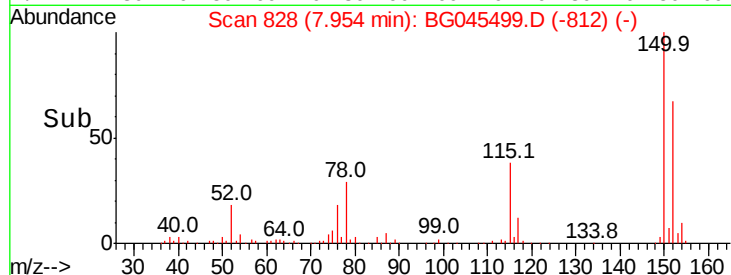
Abundance

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

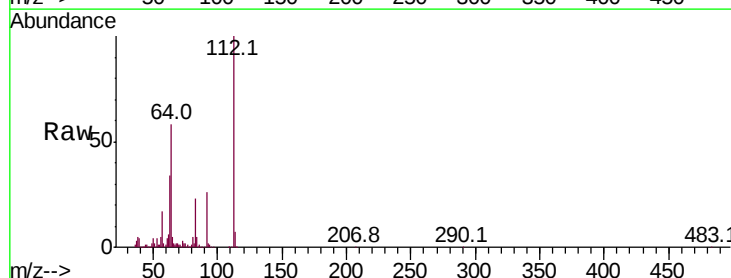
Time-->



#5

2-Fluorophenol
Concen: 76.010 ng
RT: 5.55 min Scan# 419
Delta R.T. 0.00 min
Lab File: BG045499.D
Acq: 28 May 2020 16:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	48.6	72.8
63	34.1	26.5	39.7



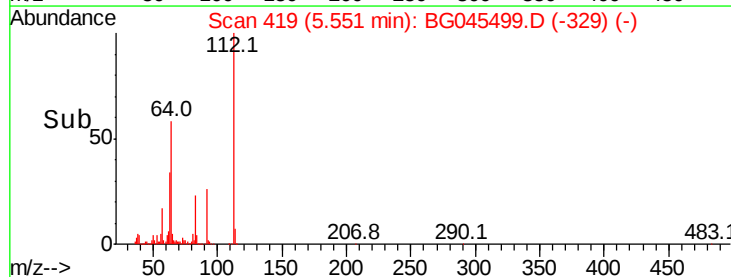
Abundance

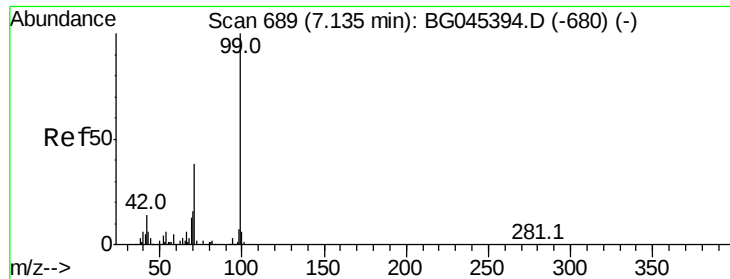
Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG

Time-->





#7

Phenol-d6

Concen: 89.116 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045499.D

Acq: 28 May 2020 16:12

Instrument :

BNA_G

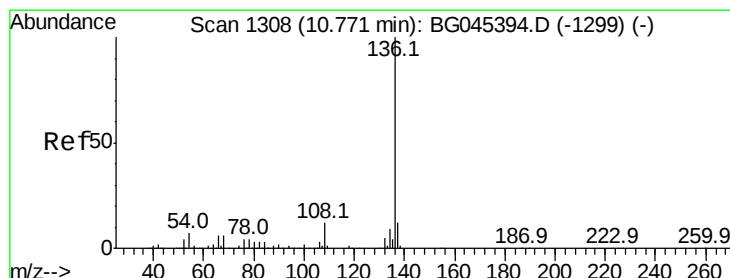
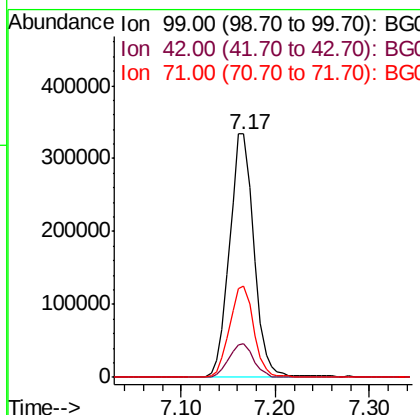
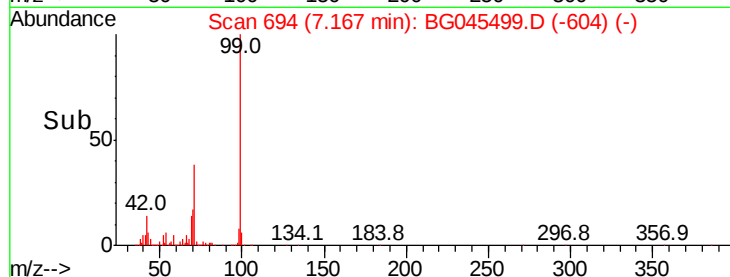
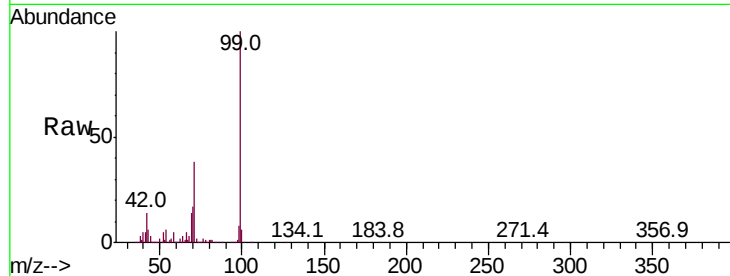
ClientSampleId :

NM36-COMP-2020-0-6

Tot Ion:	99	Resp:	605249
Ion Ratio	Lower	Upper	
99	100		
42	13.7	11.3	16.9
71	37.6	30.8	46.2

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#21

Naphthalene-d8

Concen: 20.000 ng

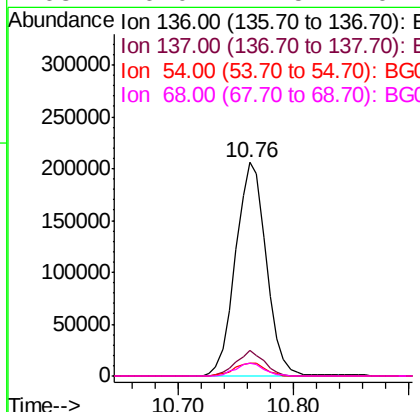
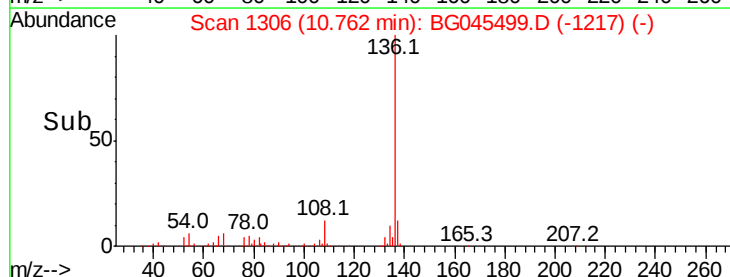
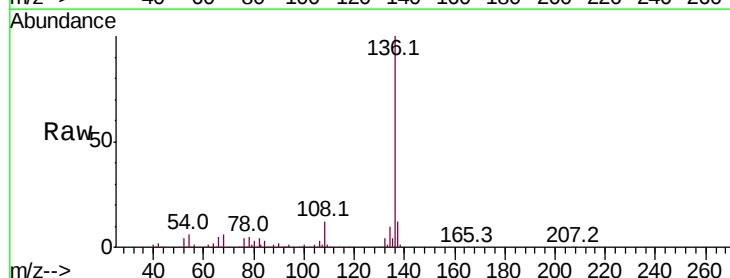
RT: 10.76 min Scan# 1306

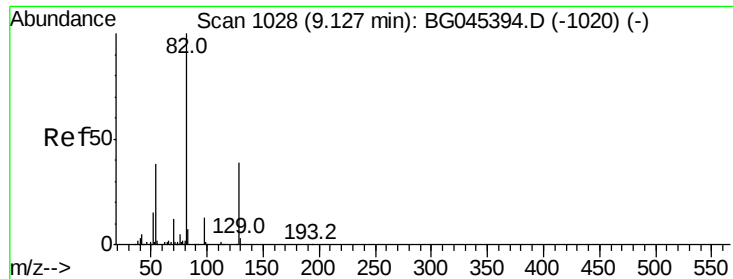
Delta R.T. -0.00 min

Lab File: BG045499.D

Acq: 28 May 2020 16:12

Tgt Ion:	136	Resp:	380358
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.4	14.2
54	6.0	5.8	8.6
68	6.0	4.5	6.7





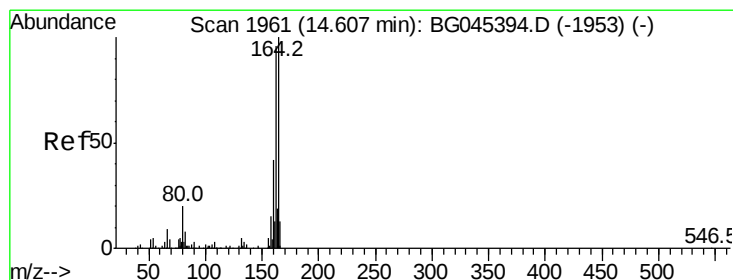
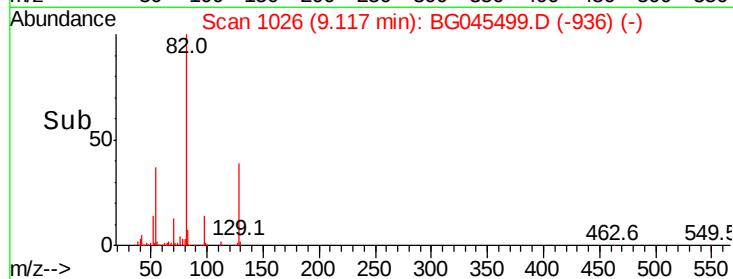
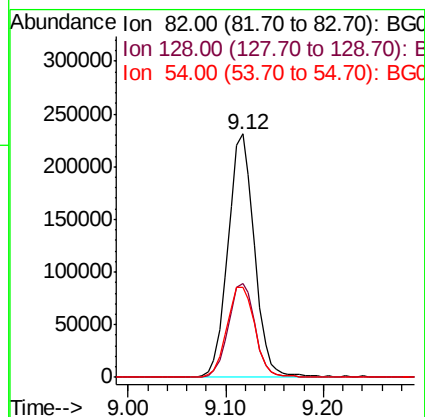
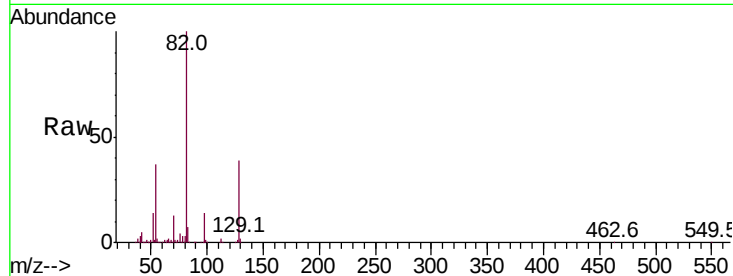
#23
 Nitrobenzene-d5
 Concen: 62.094 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BG045499.D
 Acq: 28 May 2020 16:12

Instrument :
 BNA_G
 ClientSampleId :
 NM36-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.8	30.9	46.3
54	37.0	30.3	45.5

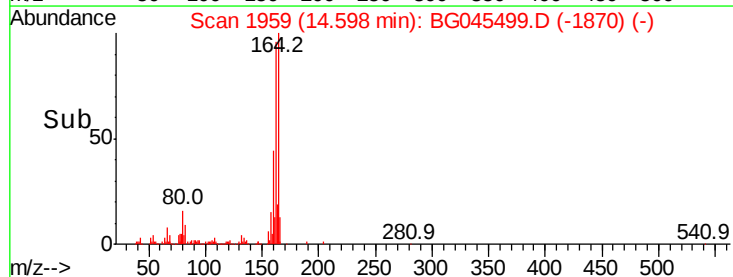
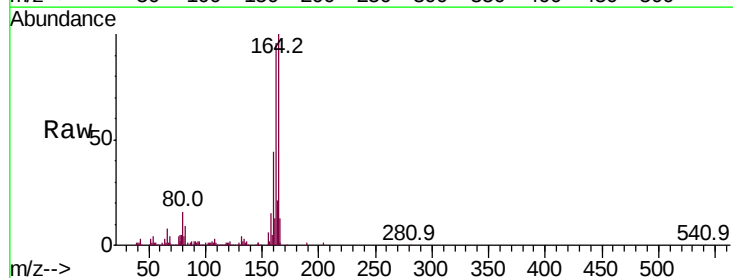
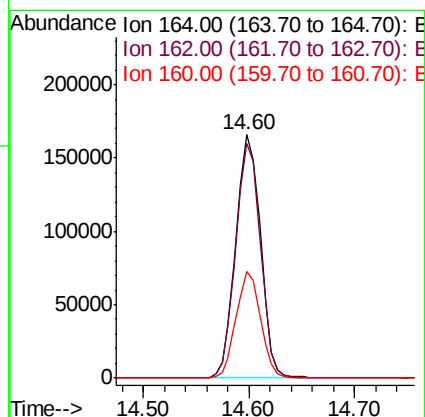
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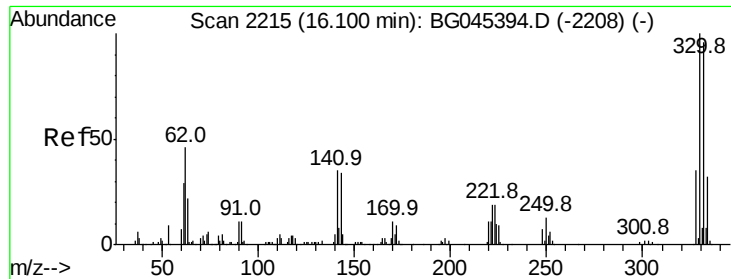
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.60 min Scan# 1959
 Delta R.T. -0.00 min
 Lab File: BG045499.D
 Acq: 28 May 2020 16:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.2	76.9	115.3
160	43.6	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 90.686 ng

RT: 16.10 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG045499.D

Acq: 28 May 2020 16:12

Instrument :

BNA_G

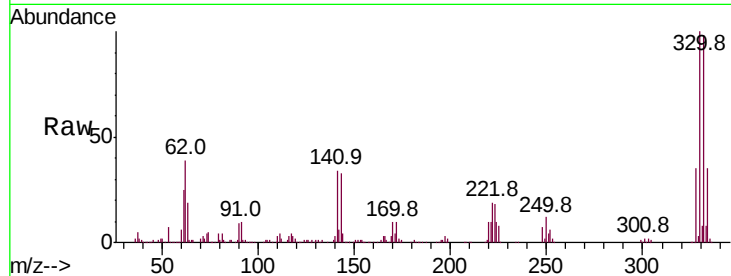
ClientSampleId :

NM36-COMP-2020-0-6

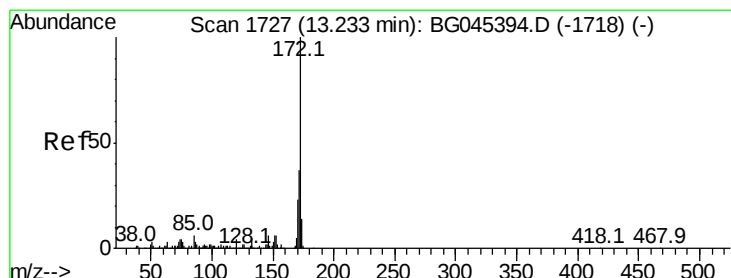
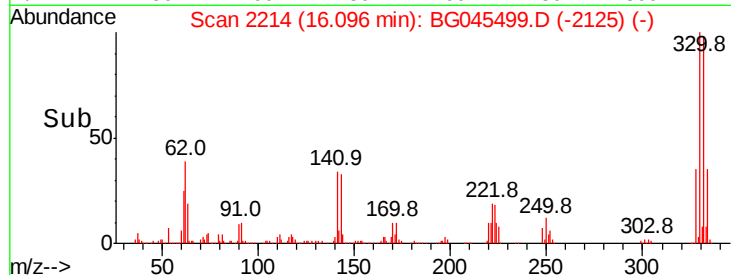
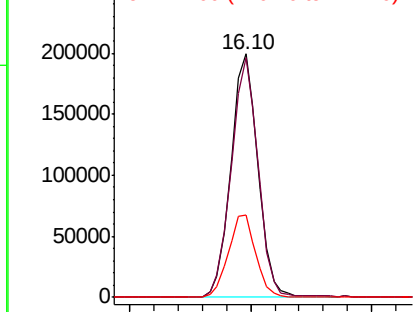
Tot Ion:	330	Resp:	311612
Ion Ratio	Lower	Upper	
330	100		
332	97.9	78.2	117.4
141	34.5	28.2	42.4

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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: 65.671 ng

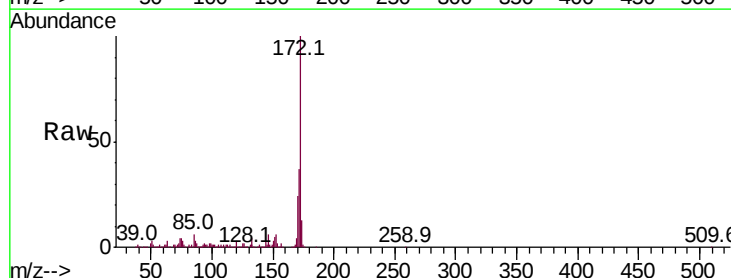
RT: 13.22 min Scan# 1725

Delta R.T. 0.00 min

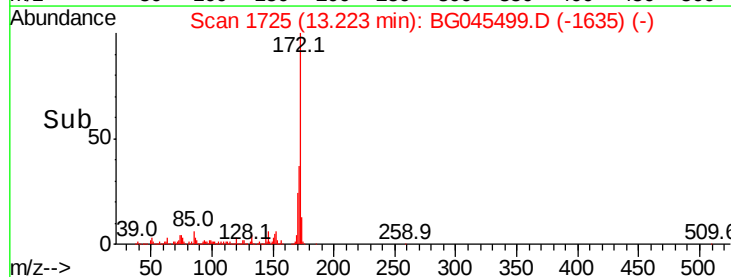
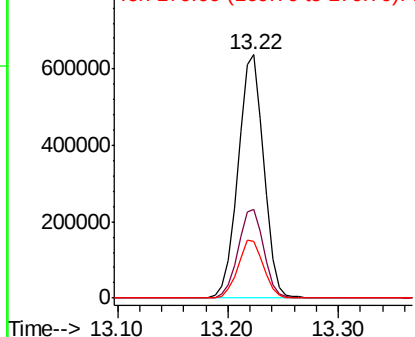
Lab File: BG045499.D

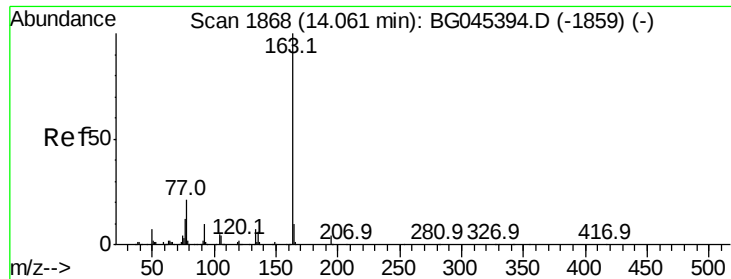
Acq: 28 May 2020 16:12

Tgt Ion:	172	Resp:	1040250
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.5	44.3
170	23.5	18.5	27.7



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





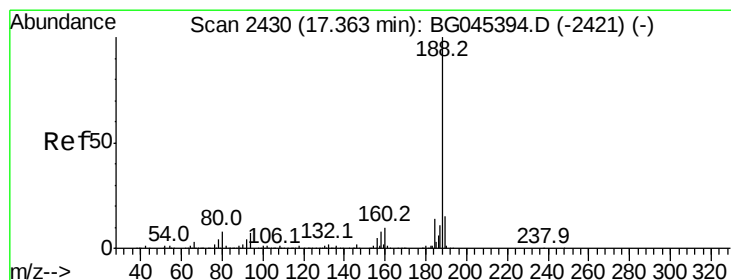
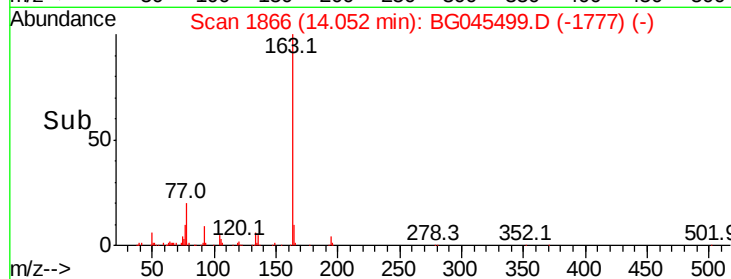
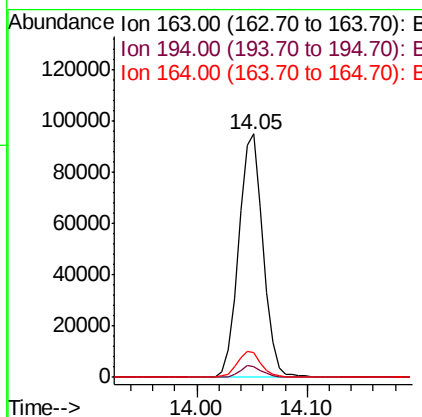
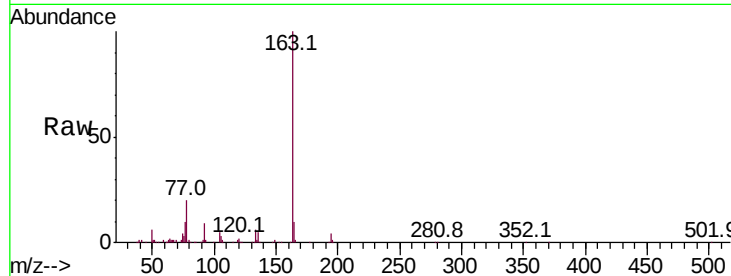
#50
Dimethylphthalate
Concen: 7.948 ng
RT: 14.05 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG045499.D
Acq: 28 May 2020 16:12

Instrument :
BNA_G
ClientSampleId :
NM36-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	10.1	8.3	12.5

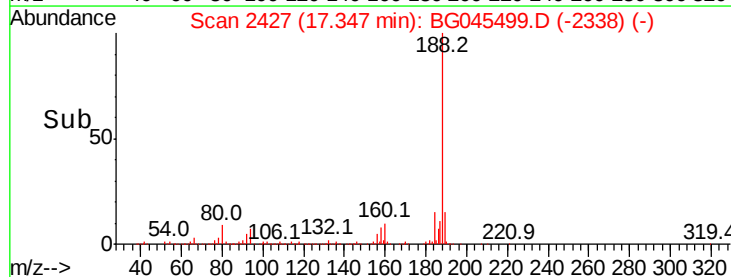
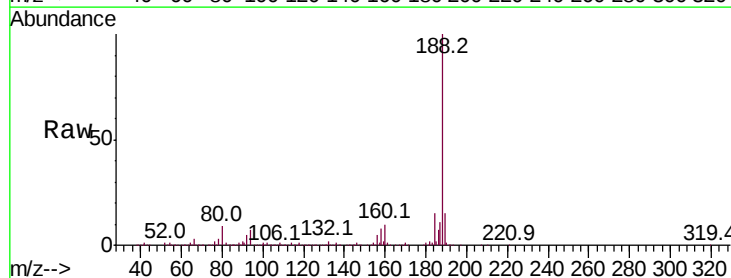
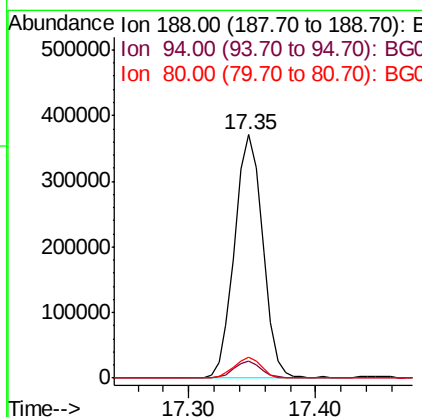
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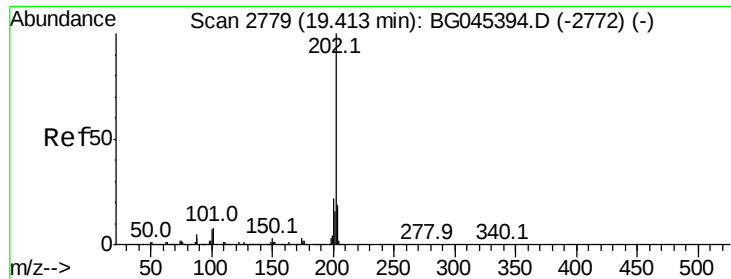
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BG045499.D
Acq: 28 May 2020 16:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.5	8.3
80	8.6	6.6	10.0





#75

Fluoranthene

Concen: 8.720 ng

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG045499.D

Acq: 28 May 2020 16:12

Instrument :

BNA_G

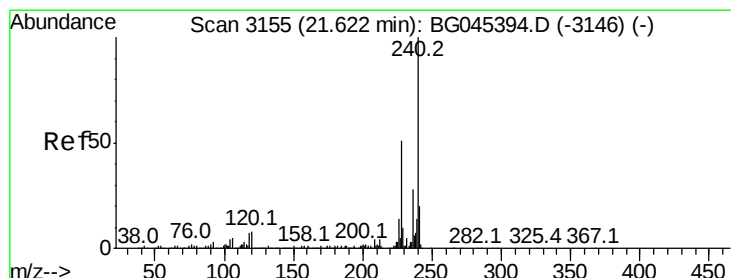
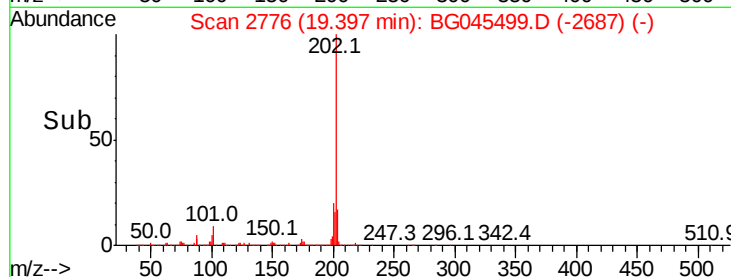
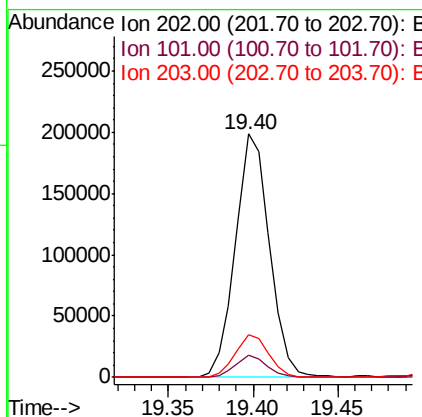
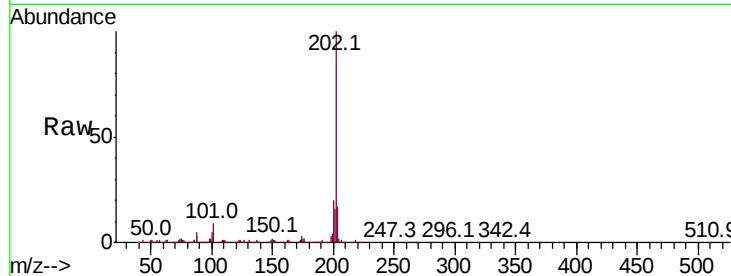
ClientSampleId :

NM36-COMP-2020-0-6

Tot Ion:	202	Resp:	277450
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	28.3
203	17.5	0.0	39.0

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#76

Chrysene-d12

Concen: 20.000 ng

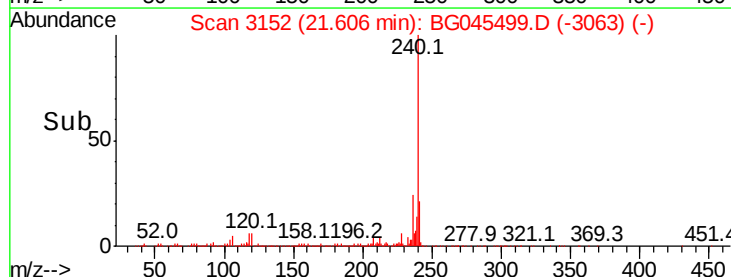
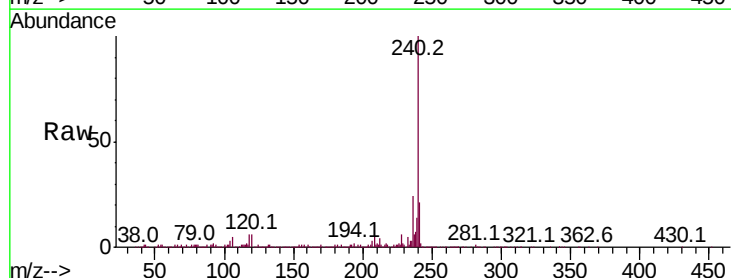
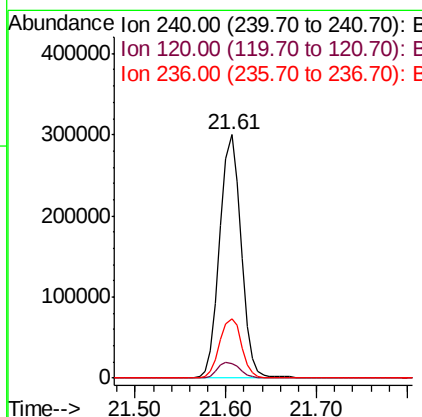
RT: 21.61 min Scan# 3152

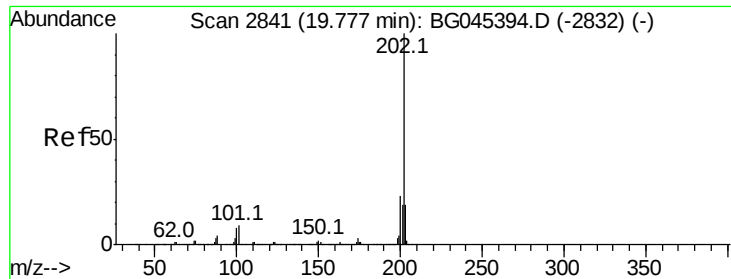
Delta R.T. -0.00 min

Lab File: BG045499.D

Acq: 28 May 2020 16:12

Tgt Ion:	240	Resp:	493501
Ion Ratio	Lower	Upper	
240	100		
120	6.1	6.1	9.1#
236	24.5	22.3	33.5





#78

Pvrene

Concen: 9.268 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BG045499.D

Acq: 28 May 2020 16:12

Instrument :

BNA_G

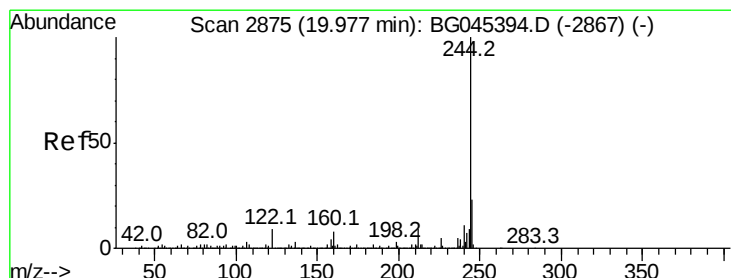
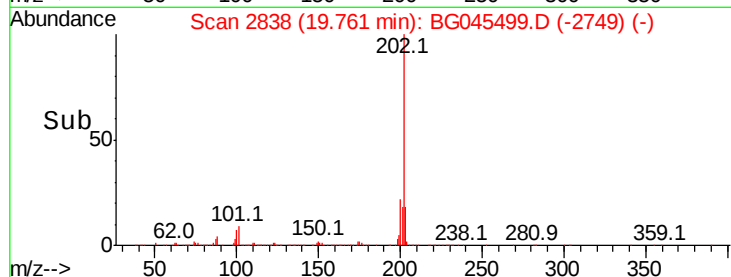
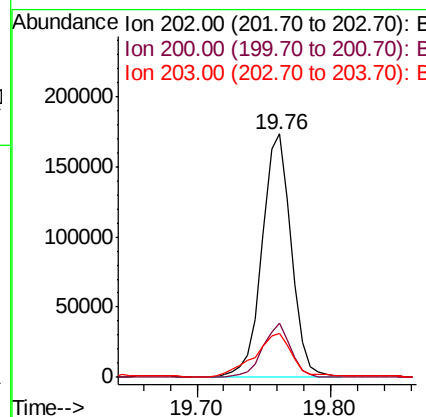
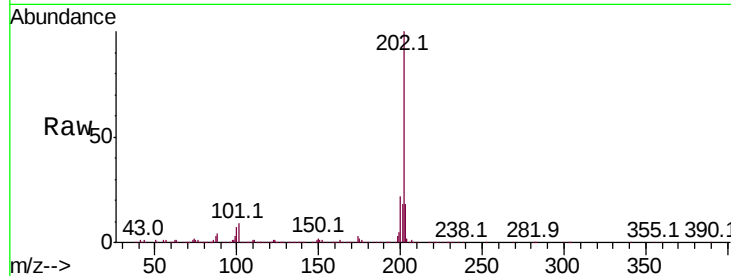
ClientSampleId :

NM36-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
202	100	260716		
200	22.2		18.2	27.2
203	18.3		15.1	22.7

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#79

Terphenyl-d14

Concen: 67.377 ng

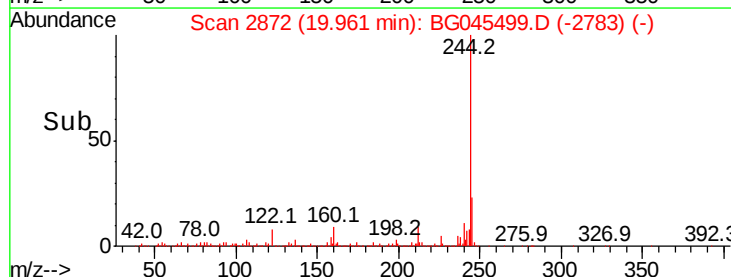
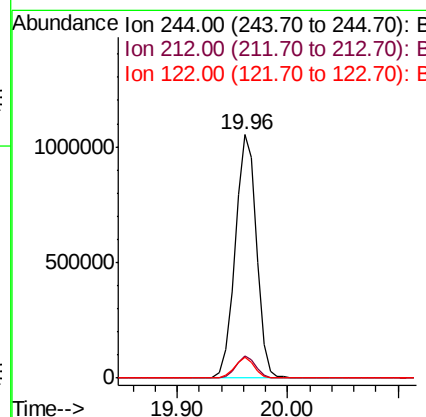
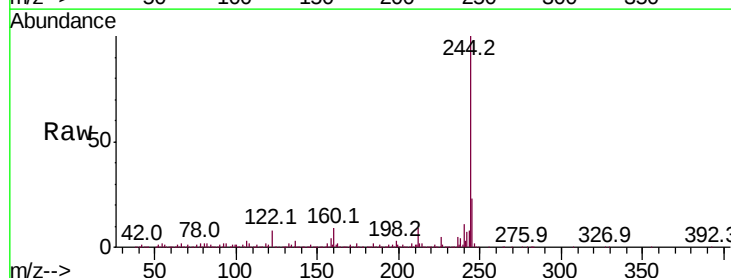
RT: 19.96 min Scan# 2872

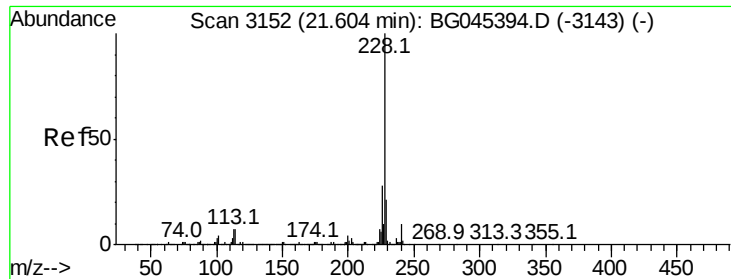
Delta R.T. -0.00 min

Lab File: BG045499.D

Acq: 28 May 2020 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1425659		
212	9.1		7.4	11.0
122	8.4		6.8	10.2





#81

Benzo(a)anthracene

Concen: 5.608 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG045499.D

Acq: 28 May 2020 16:12

Instrument :

BNA_G

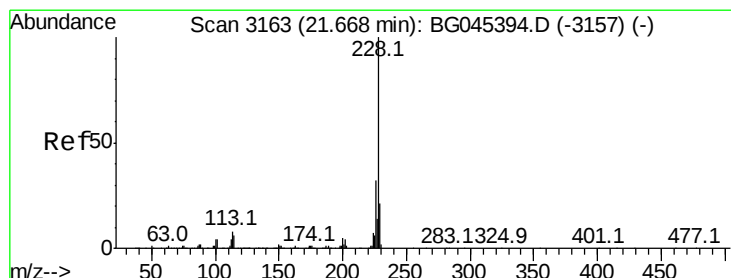
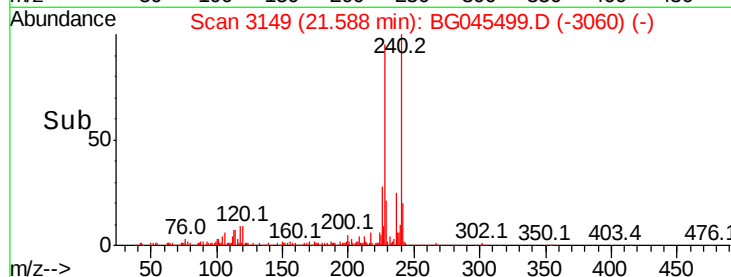
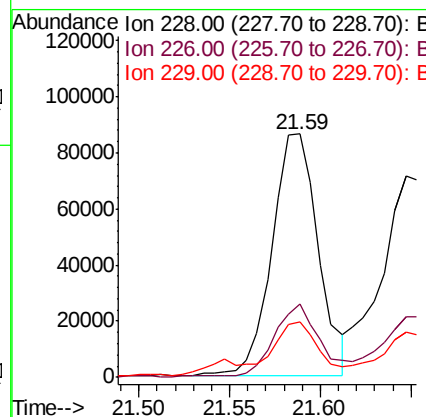
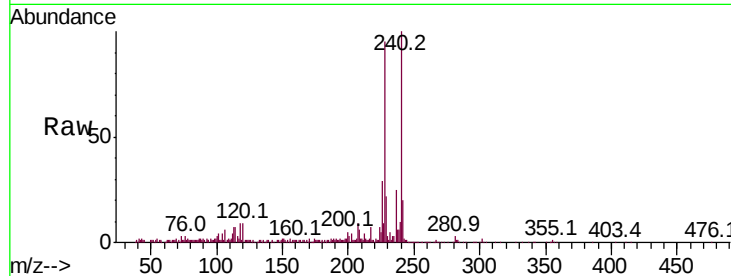
ClientSampleId :

NM36-COMP-2020-0-6

Tot Ion:	228	Resp:	154173
Ion Ratio	Lower	Upper	
228	100		
226	30.0	22.7	34.1
229	22.8	16.7	25.1

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#83

Chrysene

Concen: 5.422 ng

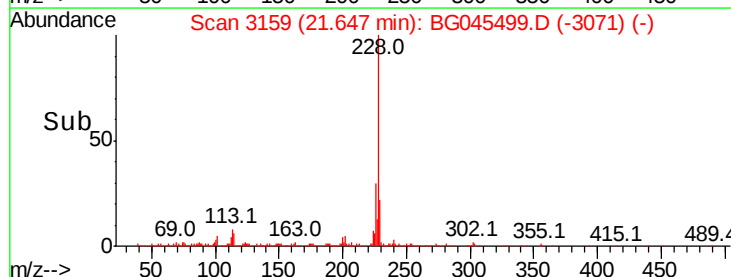
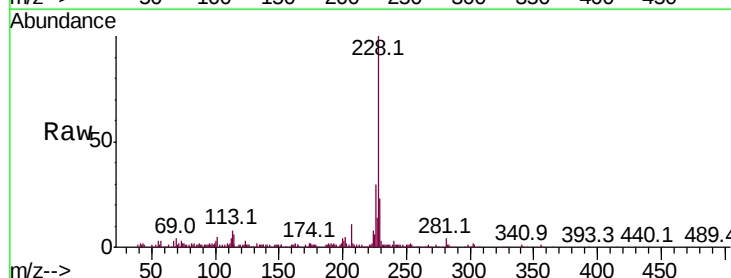
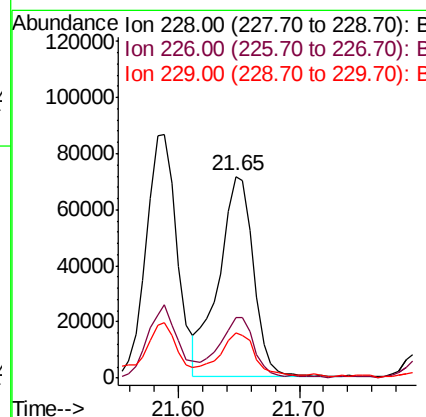
RT: 21.65 min Scan# 3159

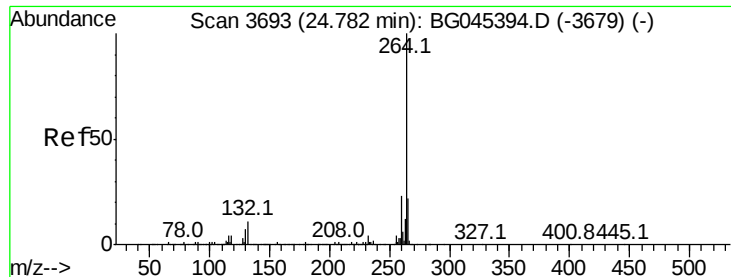
Delta R.T. -0.01 min

Lab File: BG045499.D

Acq: 28 May 2020 16:12

Tgt Ion:	228	Resp:	143321
Ion Ratio	Lower	Upper	
228	100		
226	30.3	25.2	37.8
229	22.5	16.7	25.1





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.75 min Scan# 3688

Delta R.T. -0.00 min

Lab File: BG045499.D

Acq: 28 May 2020 16:12

Instrument :

BNA_G

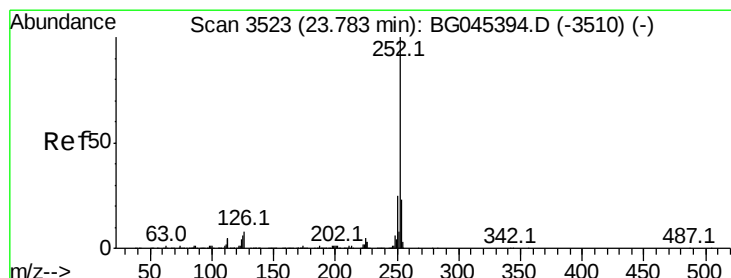
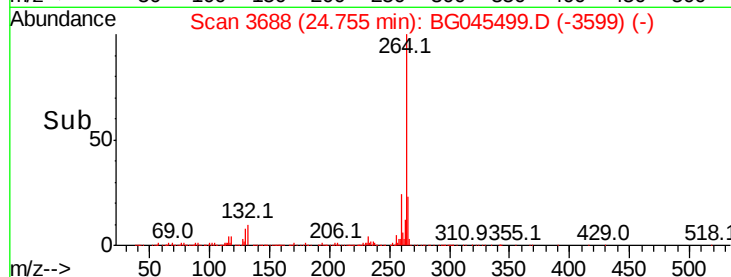
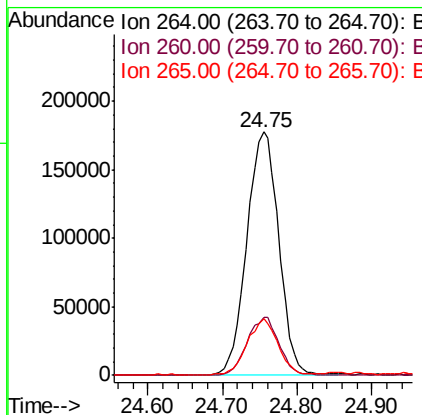
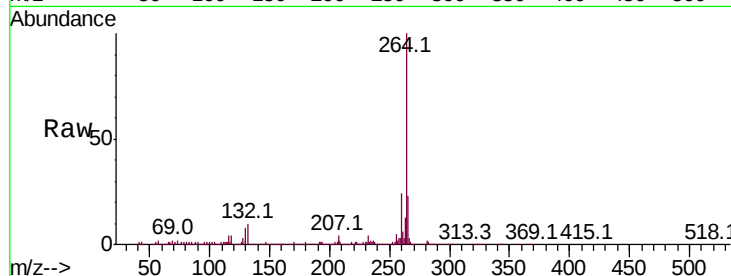
ClientSampleId :

NM36-COMP-2020-0-6

Tot Ion:	264	Resp:	528452
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.2	27.4
265	23.3	17.6	26.4

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#88

Benzo(b)fluoranthene

Concen: 7.453 ng

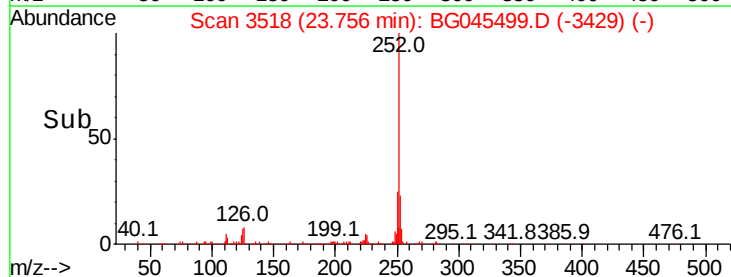
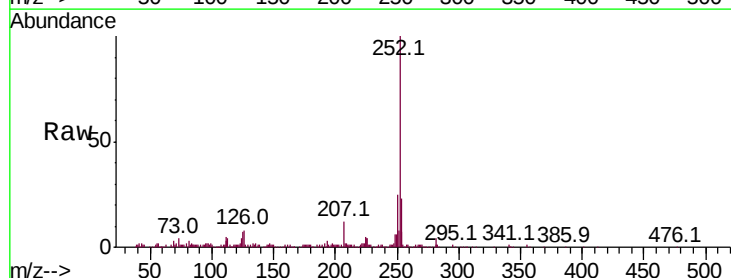
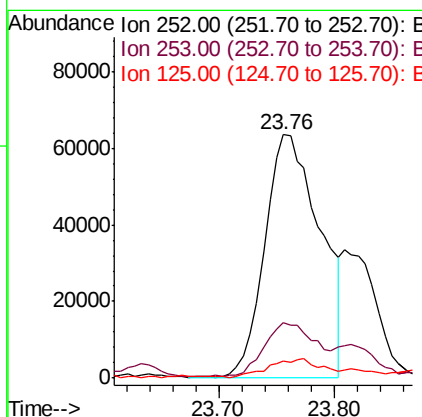
RT: 23.76 min Scan# 3518

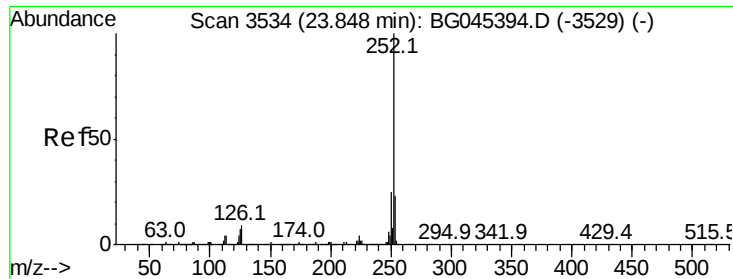
Delta R.T. -0.00 min

Lab File: BG045499.D

Acq: 28 May 2020 16:12

Tgt Ion:	252	Resp:	211221
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.1	27.1
125	7.2	5.0	7.6





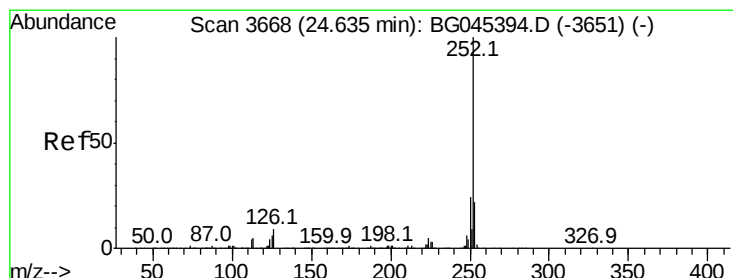
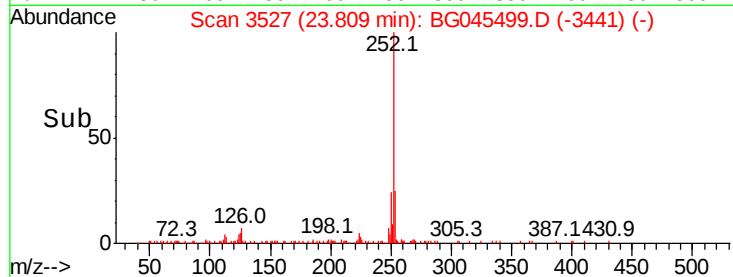
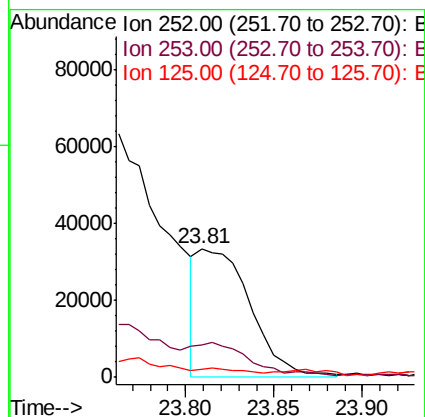
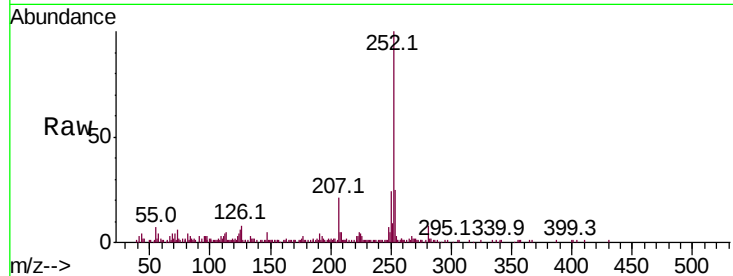
#89
Benzo(k)fluoranthene
Concen: 2.593 ng/mL
RT: 23.81 min Scan# 3527
Delta R.T. -0.02 min
Lab File: BG045499.D
Acq: 28 May 2020 16:12

Instrument :
BNA_G
ClientSampleId :
NM36-COMP-2020-0-6

Tot Ion:	252	Resp:	69050
Ion Ratio	Lower	Upper	
252	100		
253	25.3	18.4	27.6
125	6.5	5.7	8.5

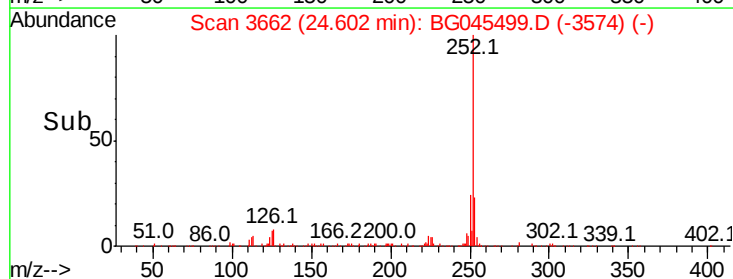
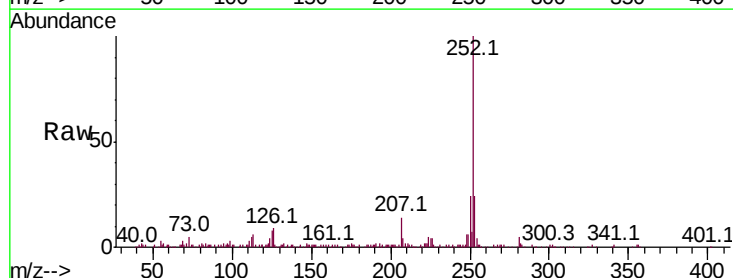
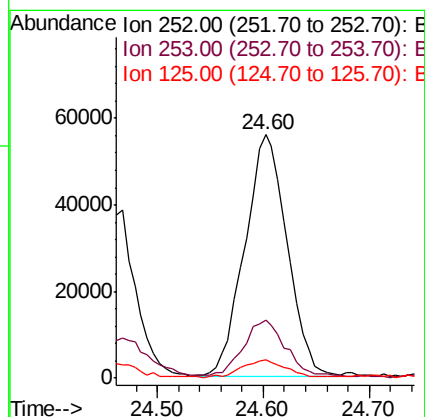
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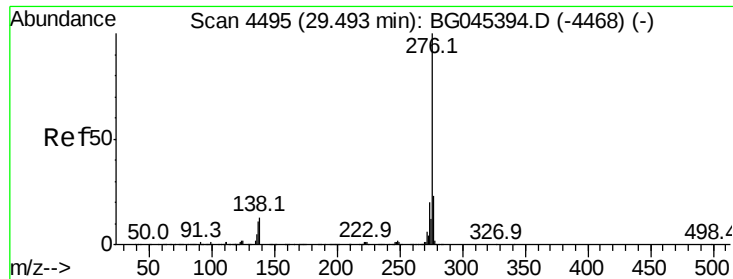
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#90
Benzo(a)pyrene
Concen: 5.855 ng/mL
RT: 24.60 min Scan# 3662
Delta R.T. -0.01 min
Lab File: BG045499.D
Acq: 28 May 2020 16:12

Tgt Ion:	252	Resp:	154543
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.2	25.8
125	7.5	5.0	7.6





#92
 Benzo(a,h,i)perylene
 Concen: 4.041 ng
 RT: 29.43 min Scan# 4484
 Delta R.T. -0.02 min
 Lab File: BG045499.D
 Acq: 28 May 2020 16:12

Instrument :
 BNA_G
 ClientSampleId :
 NM36-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.4	18.1	27.1
138	12.8	10.2	15.4

Manual Integrations
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