

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
 Data File : BG045593.D
 Acq On : 3 Jun 2020 23:02
 Operator : CG/JU
 Sample : L2838-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VH-DUCT-B

Manual Integrations
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Quant Time: Jun 04 04:04:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	63525	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	247307	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	170138	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	403611	20.00	ng	0.00
76) Chrysene-d12	21.60	240	372703	20.00	ng	0.00
87) Perylene-d12	24.75	264	403797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	144498	44.45	ng	0.00
7) Phenol-d6	7.14	99	424958	91.85	ng	0.00
23) Nitrobenzene-d5	9.11	82	333284	73.49	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	92527	42.52	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	785885	78.35	ng	0.00
79) Terphenyl-d14	19.96	244	1322376	82.75	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	113277	9.706	ng	98
71) Phenanthrene	17.39	178	47879m	2.717	ng	
75) Fluoranthene	19.40	202	91327	4.075	ng	100
78) Pyrene	19.76	202	69925m	3.291	ng	

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

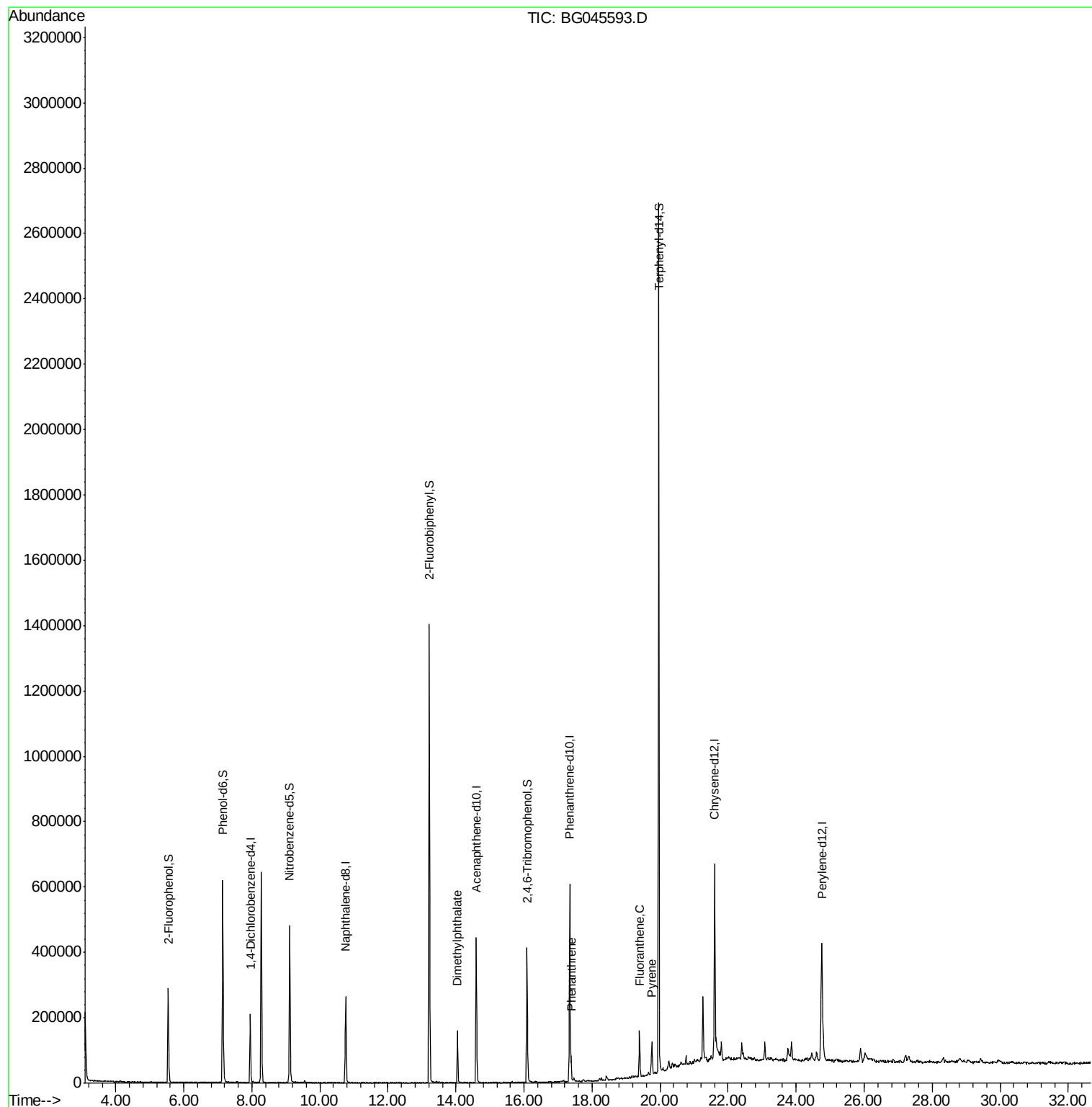
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060320\
Data File : BG045593.D
Acq On : 3 Jun 2020 23:02
Operator : CG/JU
Sample : L2838-03
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ALS Vial : 17 Sample Multiplier: 1

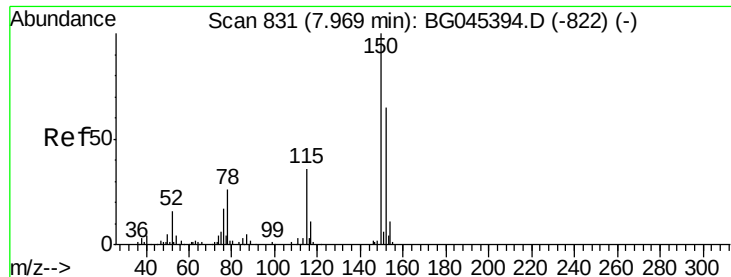
Instrument :
BNA_G
ClientSampleId :
VH-DUCT-B

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#1

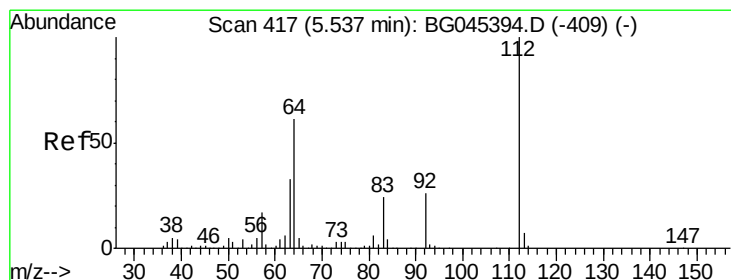
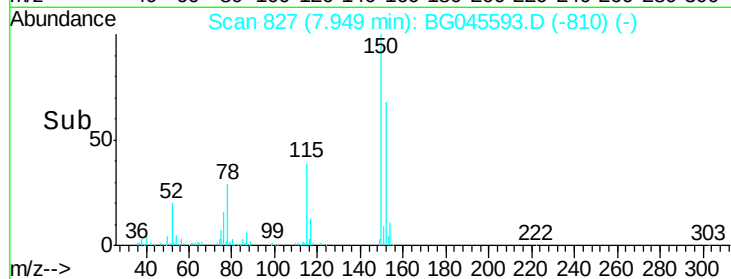
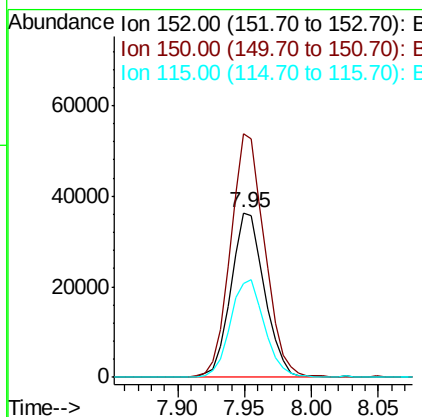
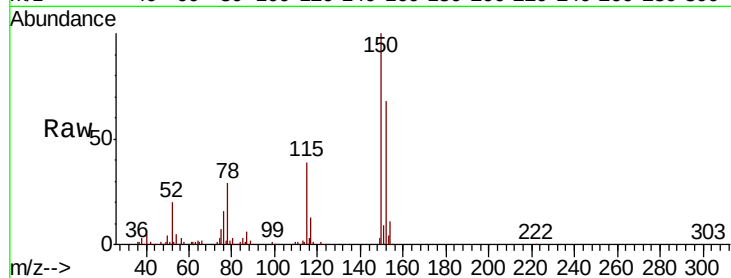
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG045593.D
Acq: 3 Jun 2020 23:02

Instrument :
BNA_G
ClientSampleId :
VH-DUCT-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.1	122.4	183.6
115	57.2	44.2	66.4

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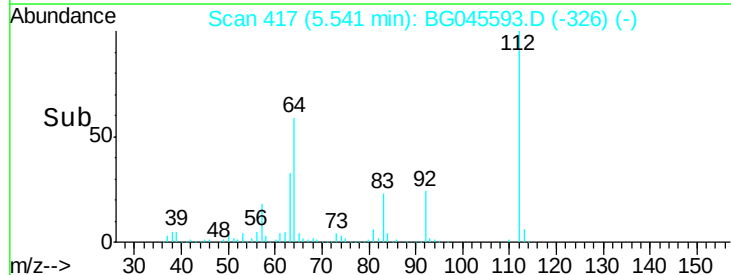
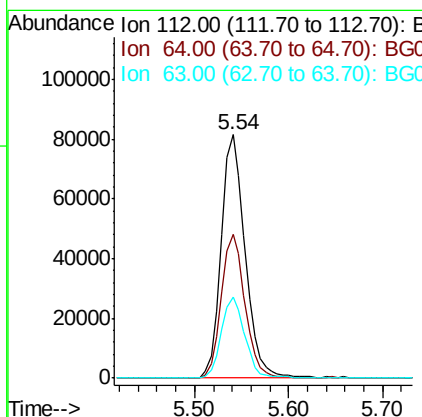
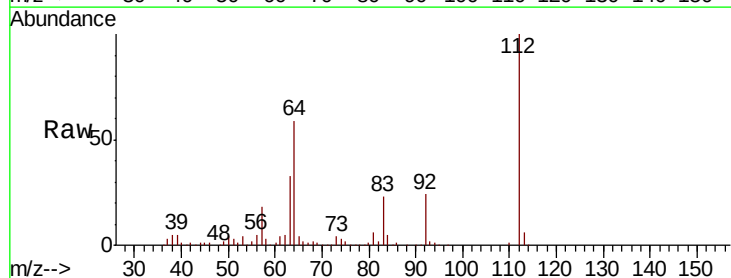
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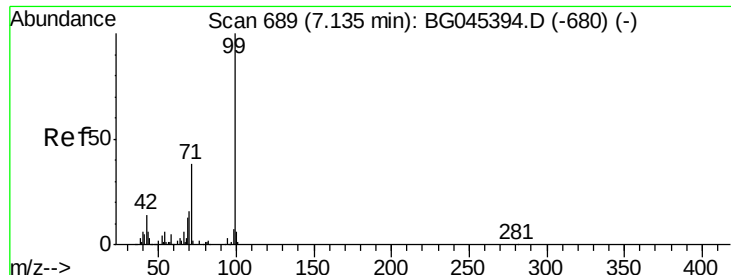


#5

2-Fluorophenol
Concen: 44.454 ng
RT: 5.54 min Scan# 417
Delta R.T. 0.00 min
Lab File: BG045593.D
Acq: 3 Jun 2020 23:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	48.6	72.8
63	33.3	26.5	39.7





#7

Phenol-d6

Concen: 91.853 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045593.D

Acq: 3 Jun 2020 23:02

Instrument :

BNA_G

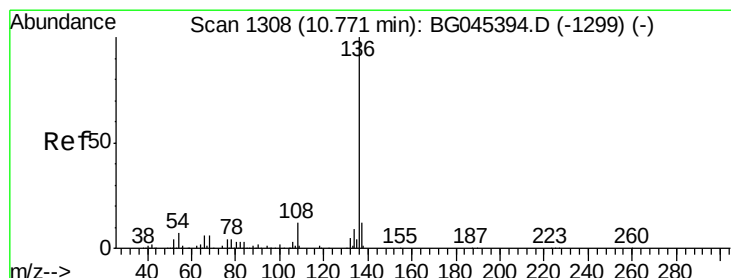
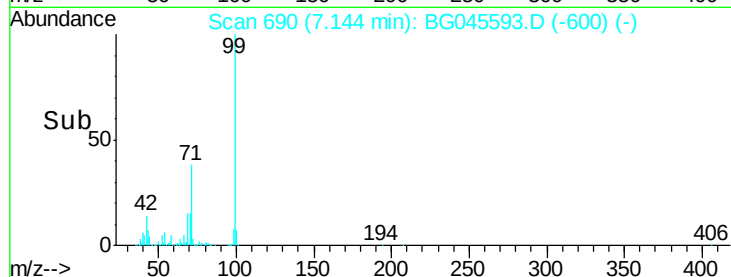
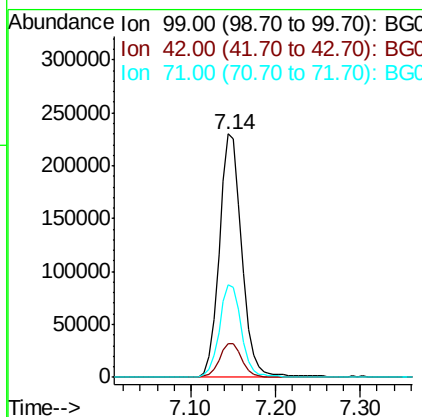
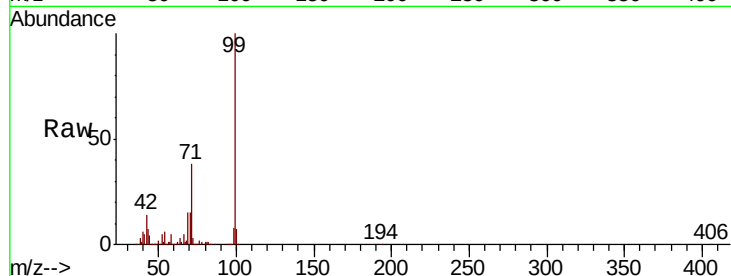
ClientSampleId :

VH-DUCT-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		424958		
42	13.9	11.3	16.9		
71	38.2	30.8	46.2		

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#21

Naphthalene-d8

Concen: 20.000 ng

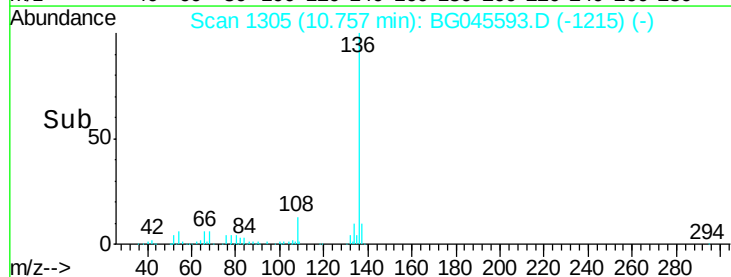
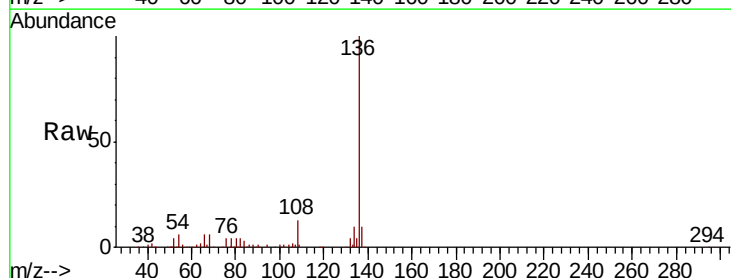
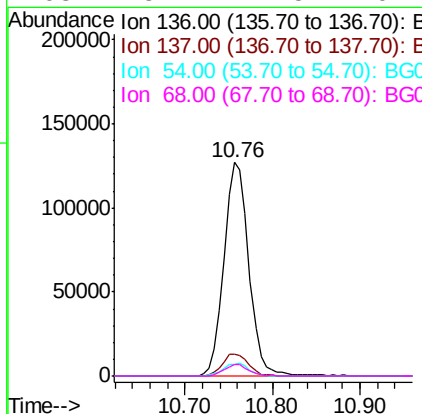
RT: 10.76 min Scan# 1305

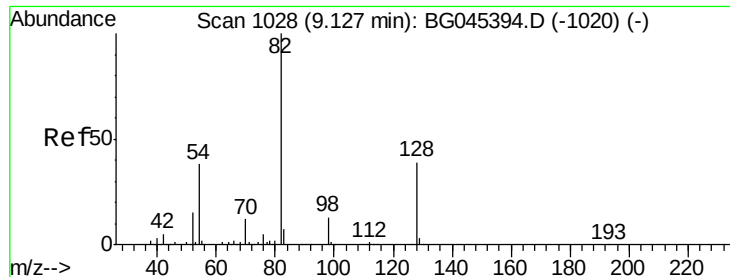
Delta R.T. -0.00 min

Lab File: BG045593.D

Acq: 3 Jun 2020 23:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		247307		
137	10.3	9.4	14.2		
54	5.5	5.8	8.6		
68	5.7	4.5	6.7		





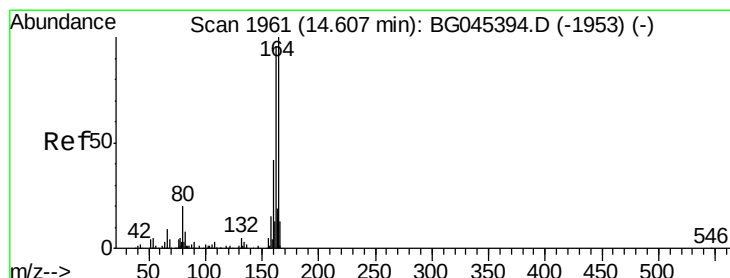
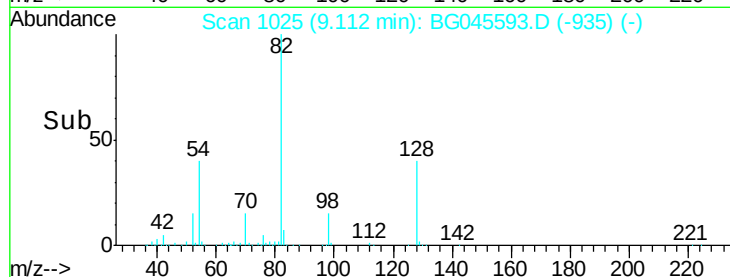
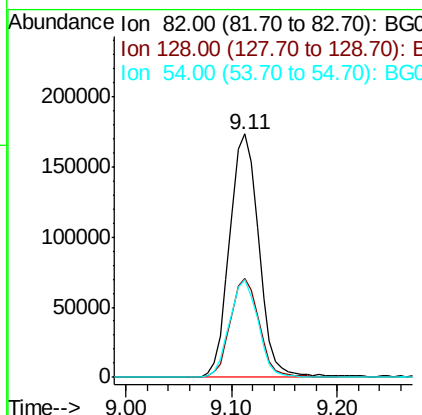
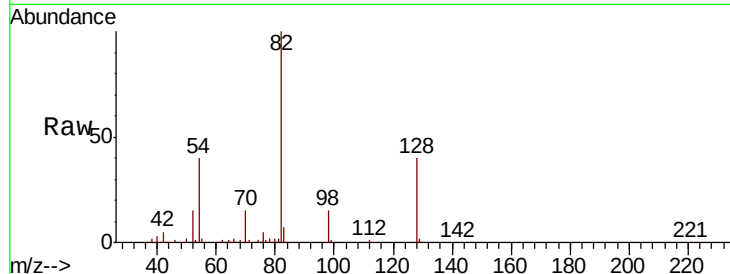
#23
 Nitrobenzene-d5
 Concen: 73.490 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG045593.D
 Acq: 3 Jun 2020 23:02

Instrument :
 BNA_G
 ClientSampleId :
 VH-DUCT-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	30.9	46.3
54	40.1	30.3	45.5

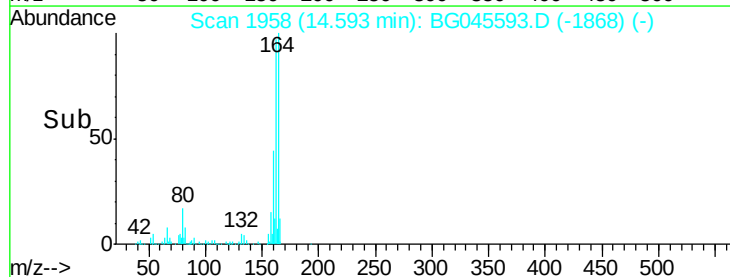
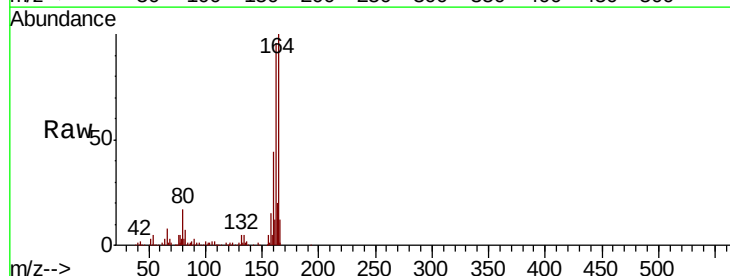
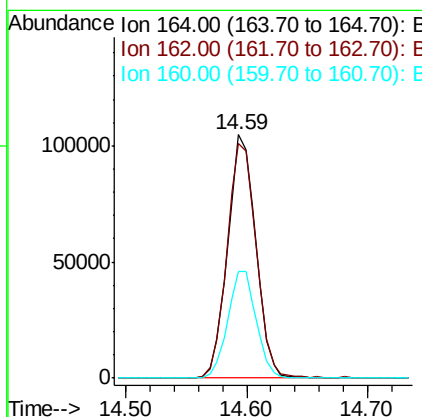
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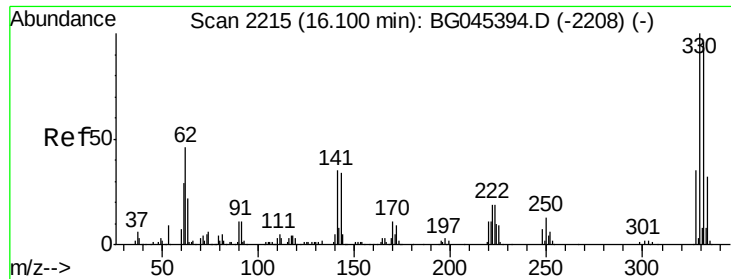
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG045593.D
 Acq: 3 Jun 2020 23:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.3	76.9	115.3
160	43.8	33.8	50.8





#42

2,4,6-Tribromophenol

Concen: 42.524 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045593.D

Acq: 3 Jun 2020 23:02

Instrument :

BNA_G

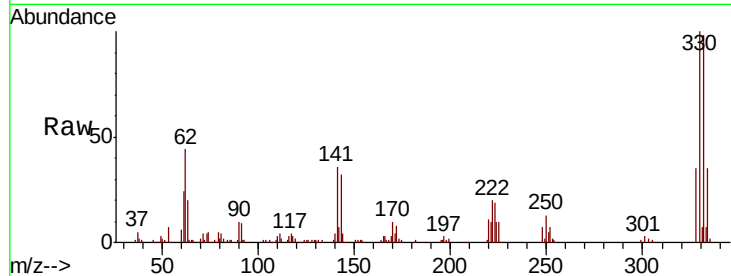
ClientSampleId :

VH-DUCT-B

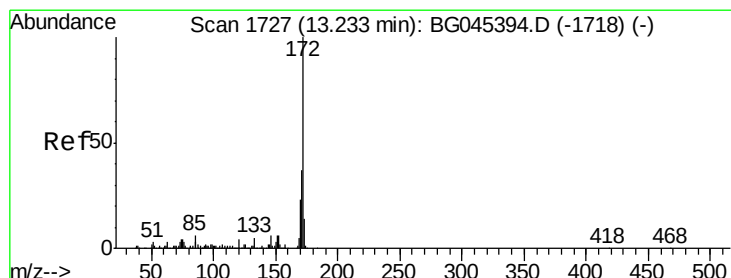
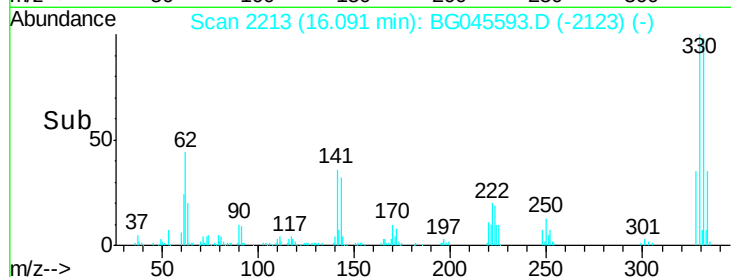
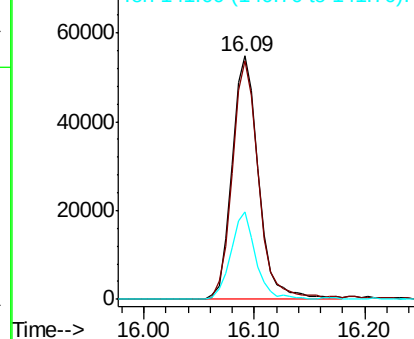
Tot Ion:	330	Resp:	92527
Ion Ratio	Lower	Upper	
330	100		
332	97.1	78.2	117.4
141	33.4	28.2	42.4

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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: 78.350 ng

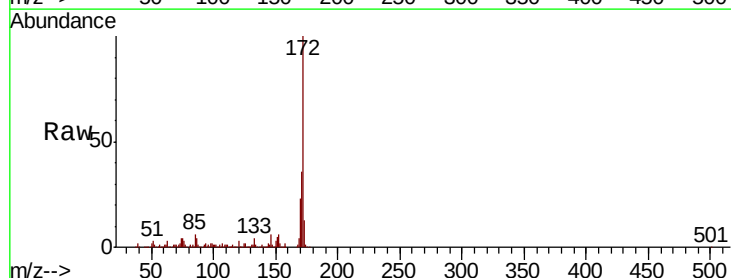
RT: 13.22 min Scan# 1724

Delta R.T. 0.00 min

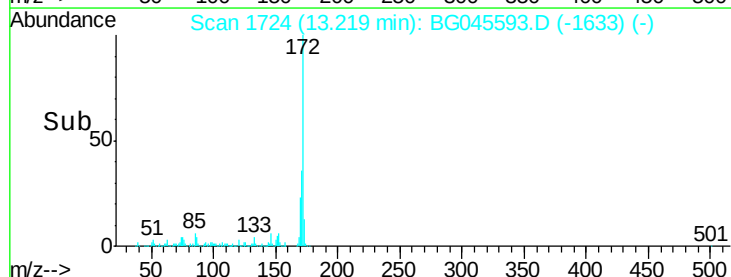
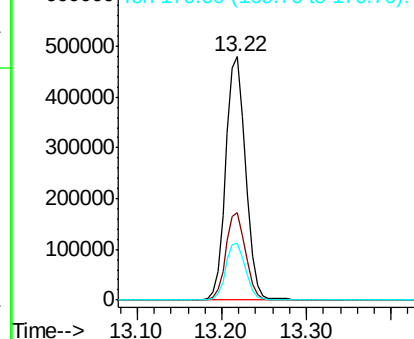
Lab File: BG045593.D

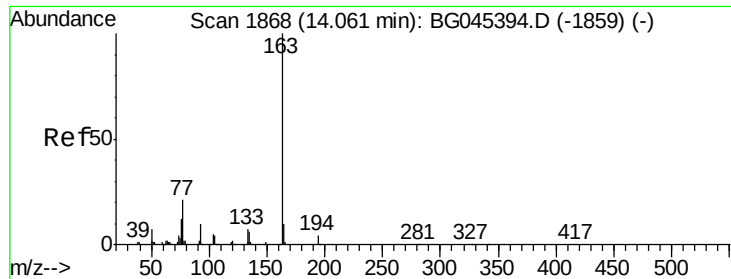
Acq: 3 Jun 2020 23:02

Tgt Ion:	172	Resp:	785885
Ion Ratio	Lower	Upper	
172	100		
171	35.9	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: 9.706 ng

RT: 14.05 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BG045593.D

Acq: 3 Jun 2020 23:02

Instrument :

BNA_G

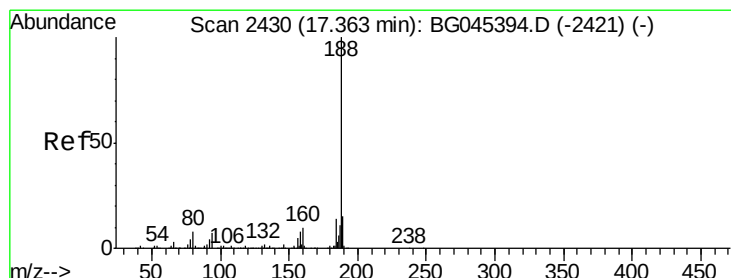
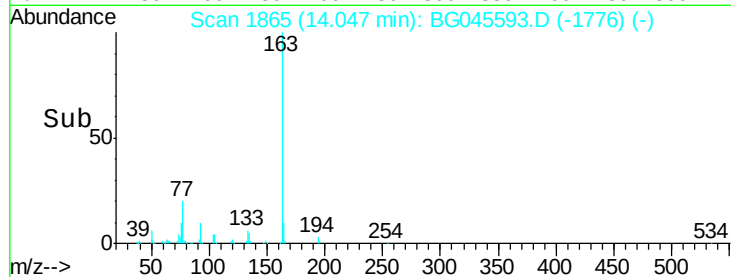
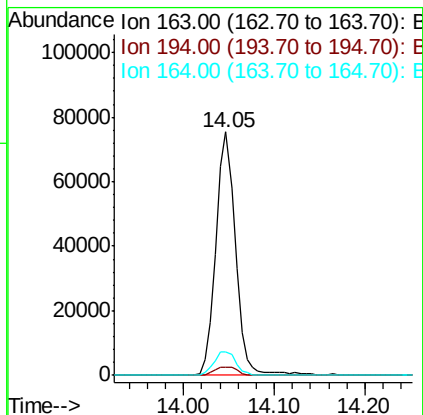
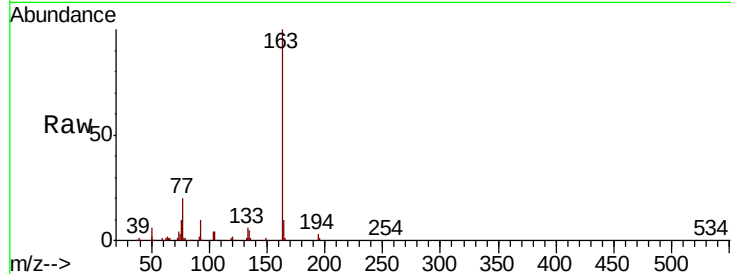
ClientSampleId :

VH-DUCT-B

Tot Ion:	163	Resp:	113277
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.2	4.8
164	9.8	8.3	12.5

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#64

Phenanthrene-d10

Concen: 20.000 ng

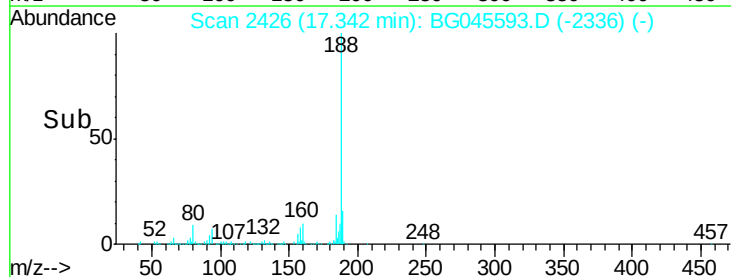
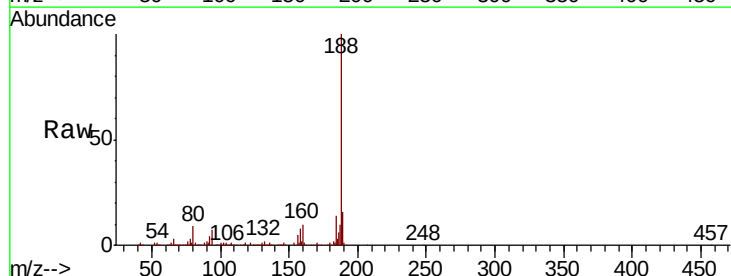
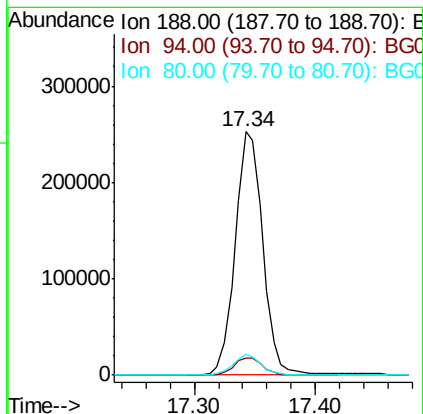
RT: 17.34 min Scan# 2426

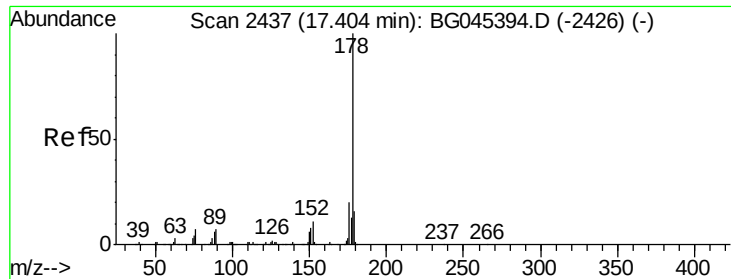
Delta R.T. -0.00 min

Lab File: BG045593.D

Acq: 3 Jun 2020 23:02

Tgt Ion:	188	Resp:	403611
Ion Ratio	Lower	Upper	
188	100		
94	7.2	5.5	8.3
80	8.8	6.6	10.0





#71

Phenanthrene

Concen: 2.717 ng/mL

RT: 17.39 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG045593.D

Acq: 3 Jun 2020 23:02

Instrument :

BNA_G

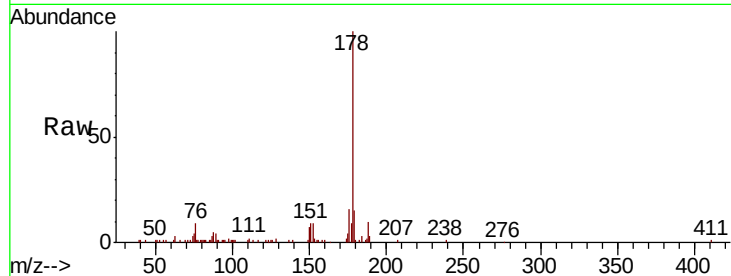
ClientSampleId :

VH-DUCT-B

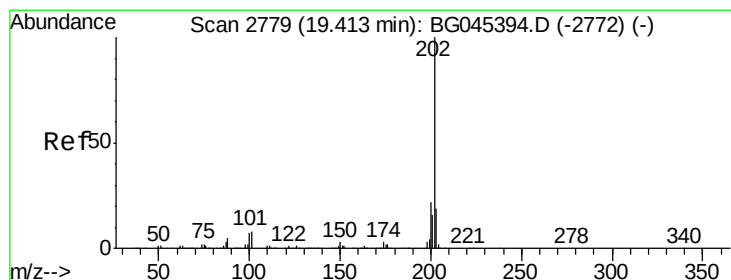
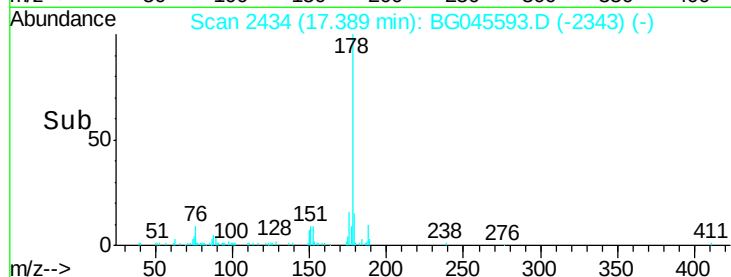
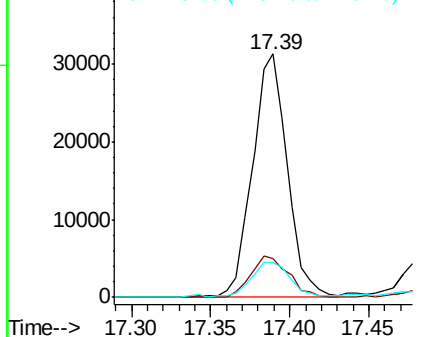
Tot Ion:	178	Resp:	47879
Ion Ratio	Lower	Upper	
178	100		
176	15.9	16.2	24.4#
179	14.6	13.1	19.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 4.075 ng/mL

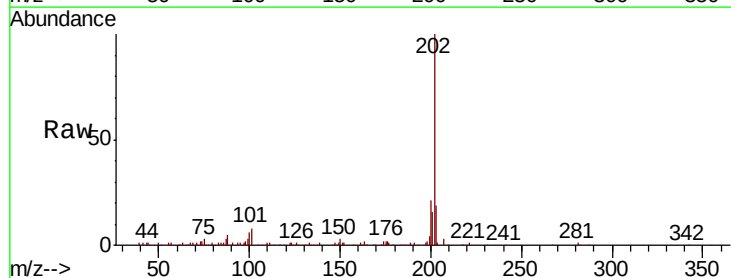
RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

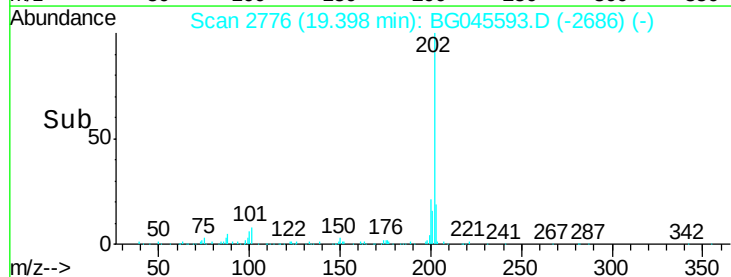
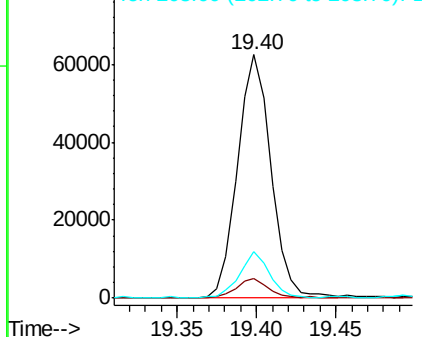
Lab File: BG045593.D

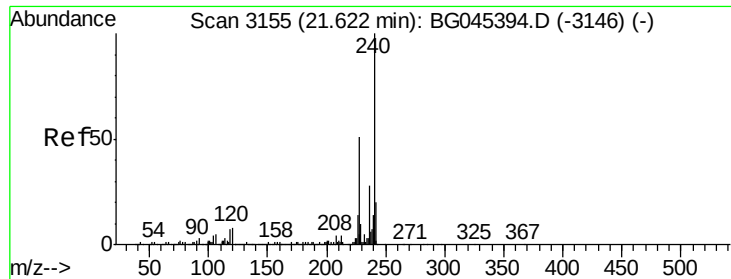
Acq: 3 Jun 2020 23:02

Tgt Ion:	202	Resp:	91327
Ion Ratio	Lower	Upper	
202	100		
101	8.0	0.0	28.3
203	19.1	0.0	39.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





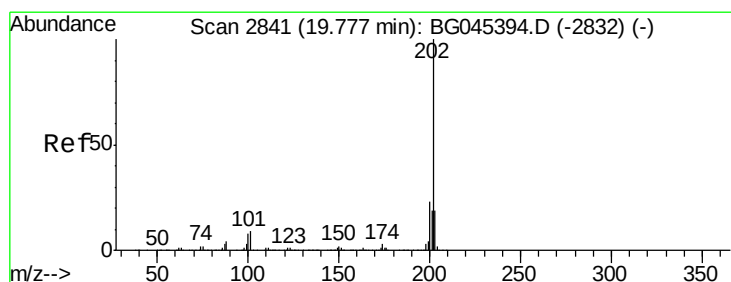
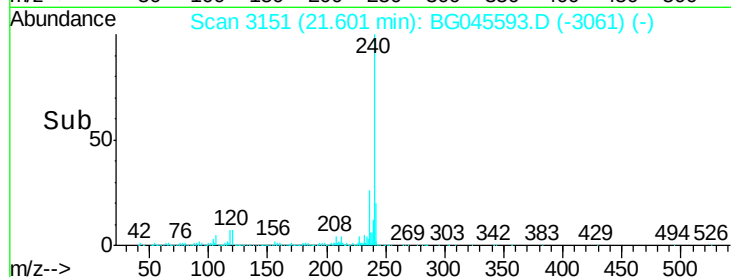
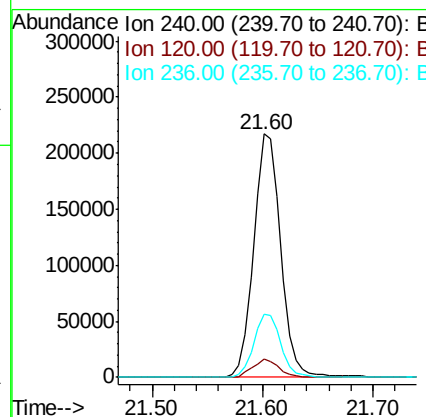
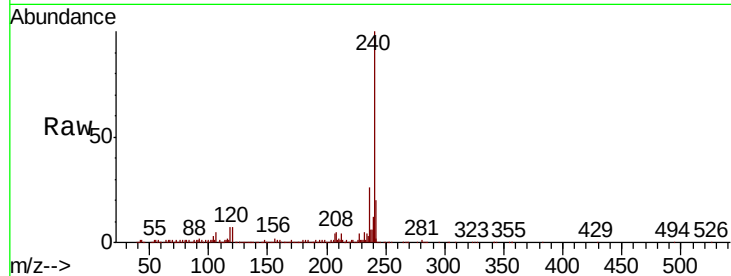
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG045593.D
Acq: 3 Jun 2020 23:02

Instrument :
BNA_G
ClientSampleId :
VH-DUCT-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.1	9.1
236	25.7	22.3	33.5

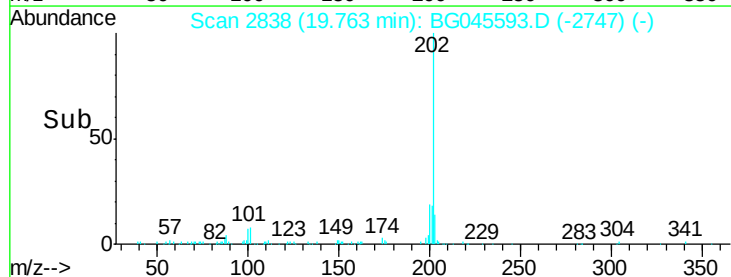
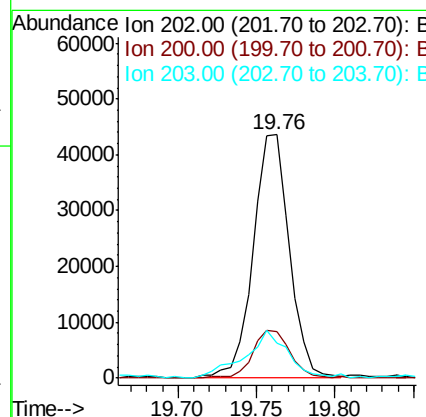
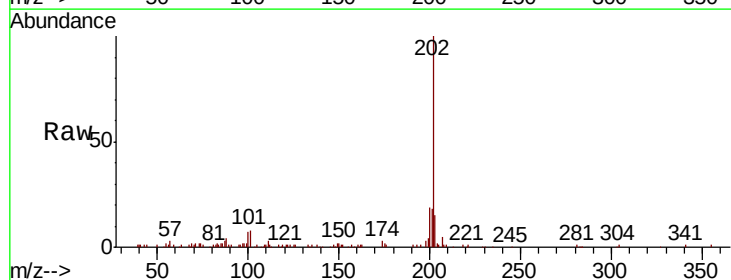
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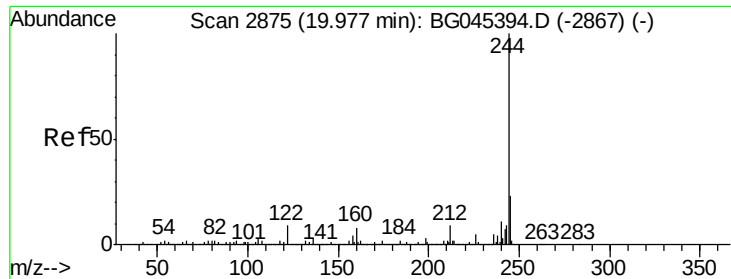
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#78
Pyrene
Concen: 3.291 ng m
RT: 19.76 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG045593.D
Acq: 3 Jun 2020 23:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	18.9	18.2	27.2
203	14.6	15.1	22.7#





#79

Terphenyl-d14

Concen: 82.752 ng

RT: 19.96 min Scan# 2872

Delta R.T. 0.00 min

Lab File: BG045593.D

Acq: 3 Jun 2020 23:02

Instrument :

BNA_G

ClientSampleId :

VH-DUCT-B

Tot Ion:244 Resp: 1322376

Ion Ratio Lower Upper

244 100

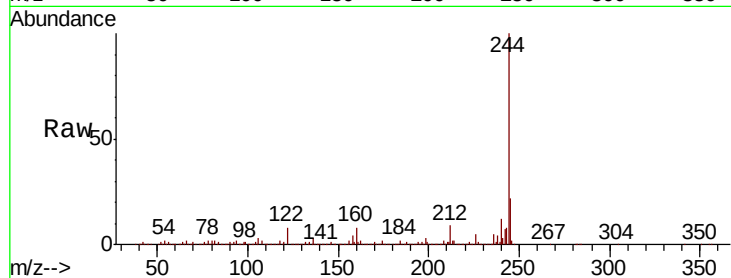
212 8.9 7.4 11.0

122 7.9 6.8 10.2

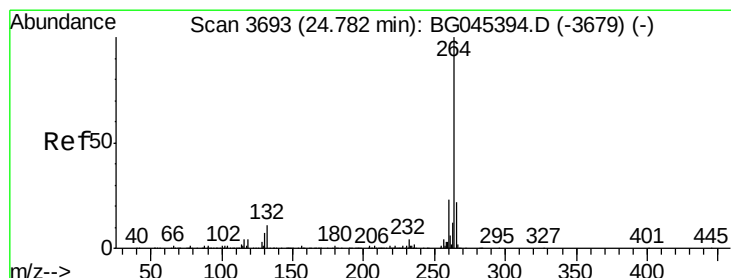
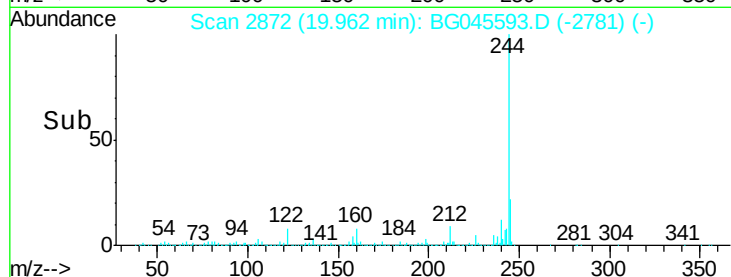
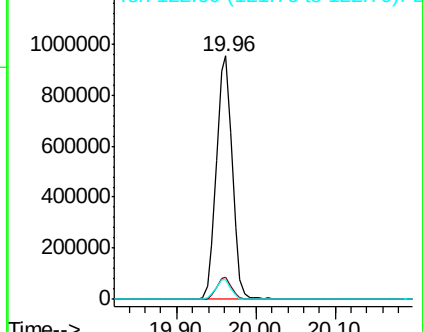
Manual Integrations
APPROVED

mohammad

6/4/2020 12:11:36 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: 24.75 min Scan# 3687

Delta R.T. -0.00 min

Lab File: BG045593.D

Acq: 3 Jun 2020 23:02

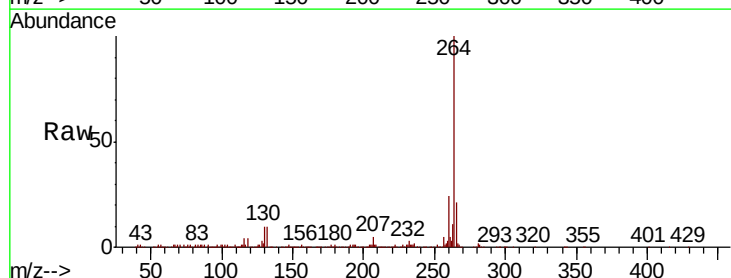
Tgt Ion:264 Resp: 403797

Ion Ratio Lower Upper

264 100

260 24.0 18.2 27.4

265 21.4 17.6 26.4



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

