

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
 Data File : BG044527.D
 Acq On : 20 Feb 2020 19:15
 Operator : CG/JU
 Sample : L1578-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WFD-WC-L-01

Quant Time: Feb 21 07:25:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

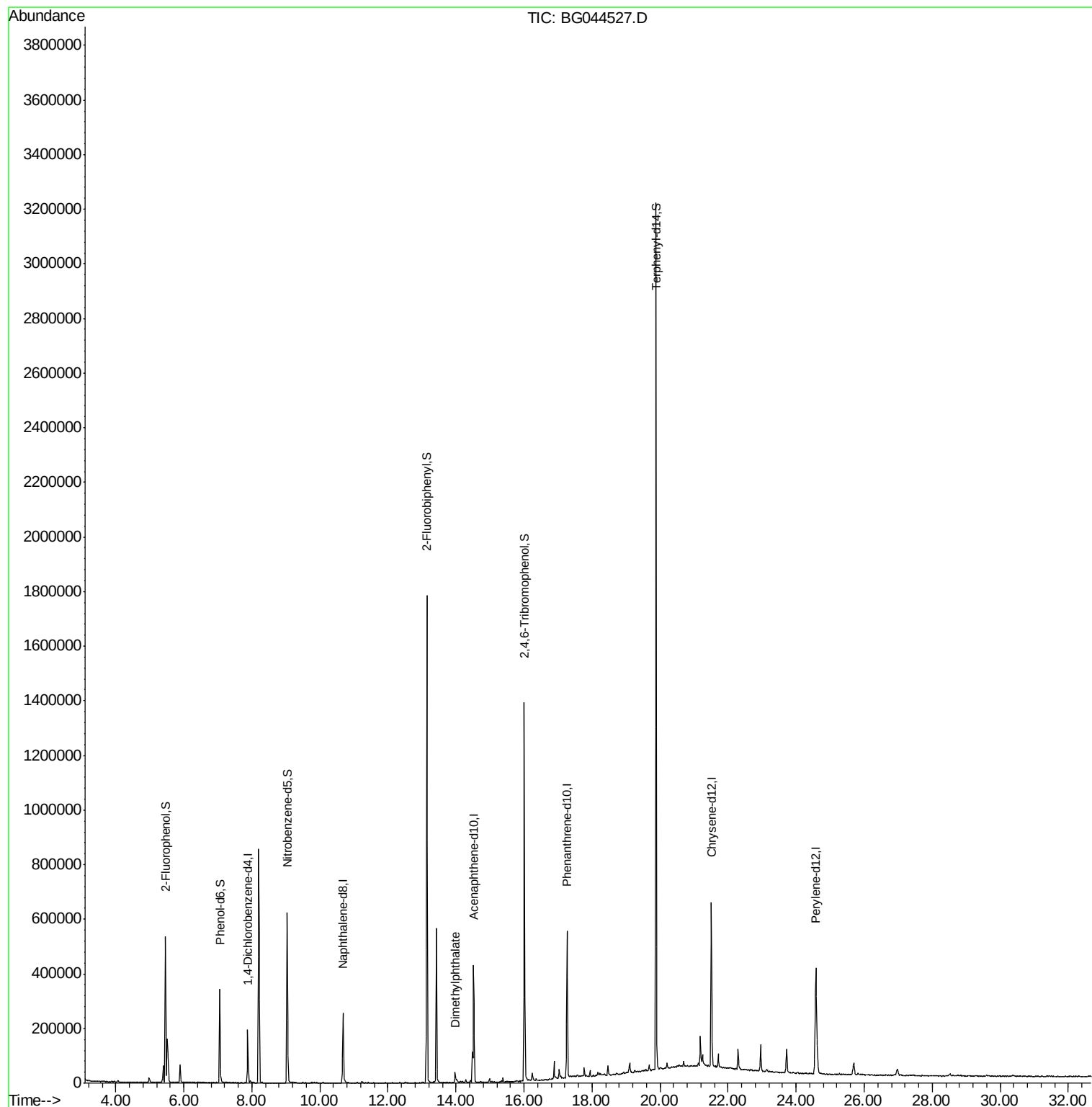
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	58956	20.00	ng	-0.03
21) Naphthalene-d8	10.68	136	243568	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	158758	20.00	ng	-0.03
64) Phenanthrene-d10	17.26	188	357100	20.00	ng	-0.03
76) Chrysene-d12	21.51	240	370184	20.00	ng	-0.03
87) Perylene-d12	24.58	264	394897	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	276549	82.78	ng	-0.02
7) Phenol-d6	7.06	99	238412	53.15	ng	-0.02
23) Nitrobenzene-d5	9.04	82	416886	96.63	ng	-0.03
42) 2,4,6-Tribromophenol	16.01	330	285560	153.22	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	972598	102.59	ng	-0.02
79) Terphenyl-d14	19.88	244	1572123	87.35	ng	-0.02
Target Compounds						
50) Dimethylphthalate	13.97	163	31610	2.770	ng	Qvalue 99

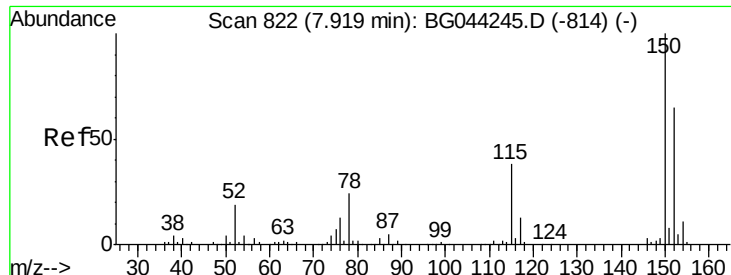
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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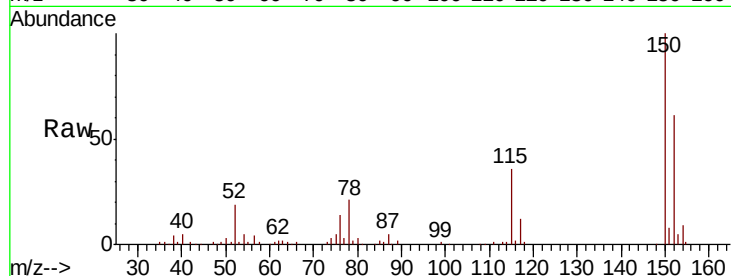


#1

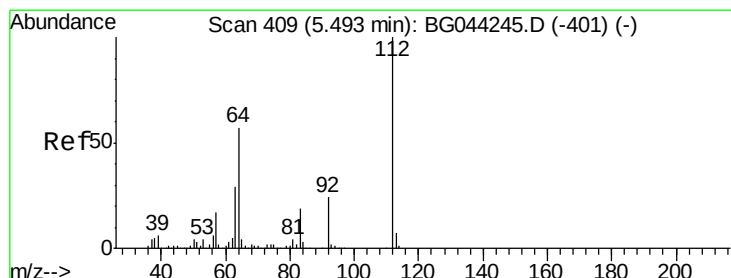
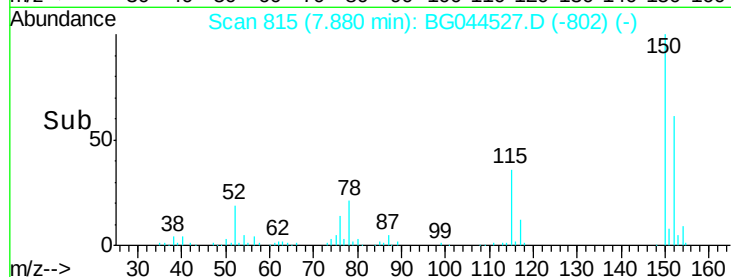
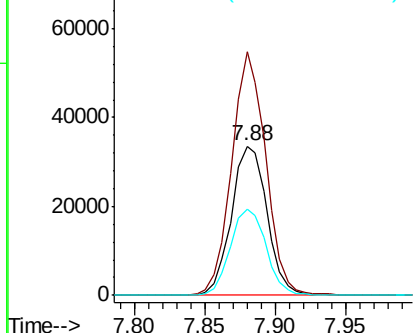
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.88 min Scan# 815
 Delta R.T. -0.03 min
 Lab File: BG044527.D
 Acq: 20 Feb 2020 19:15

Instrument :
 BNA_G
 ClientSampleId :
 WFD-WC-L-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.3	122.6	183.8
115	58.1	46.0	69.0



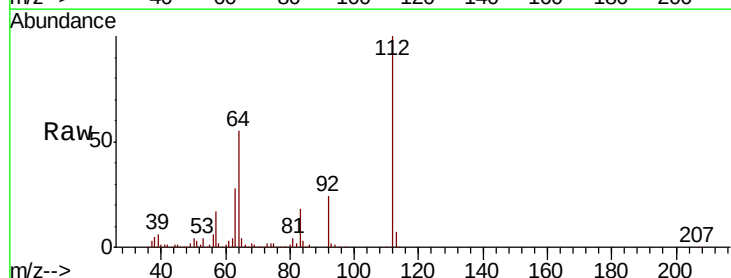
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



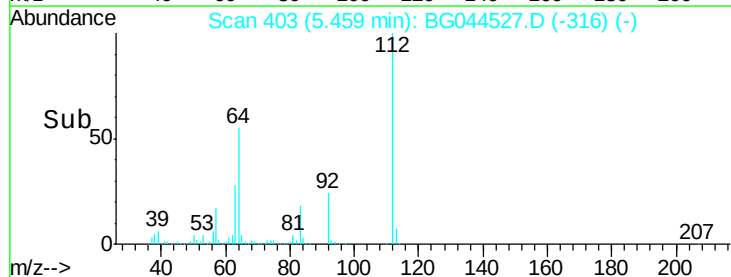
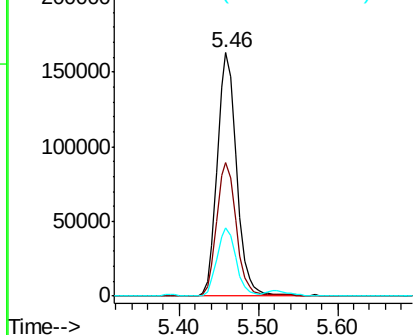
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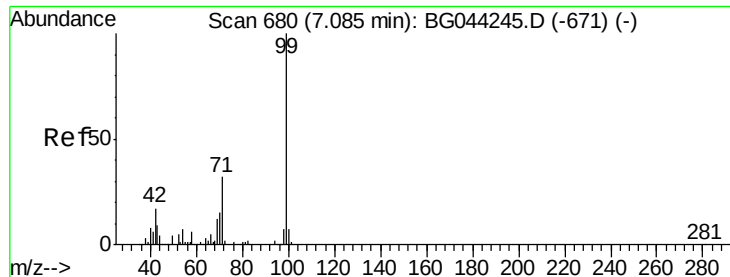
2-Fluorophenol
 Concen: 82.785 ng
 RT: 5.46 min Scan# 403
 Delta R.T. -0.02 min
 Lab File: BG044527.D
 Acq: 20 Feb 2020 19:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	45.4	68.2
63	28.1	22.9	34.3



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





#7

Phenol-d6

Concen: 53.147 ng

RT: 7.06 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG044527.D

Acq: 20 Feb 2020 19:15

Instrument :

BNA_G

ClientSampleId :

WFD-WC-L-01

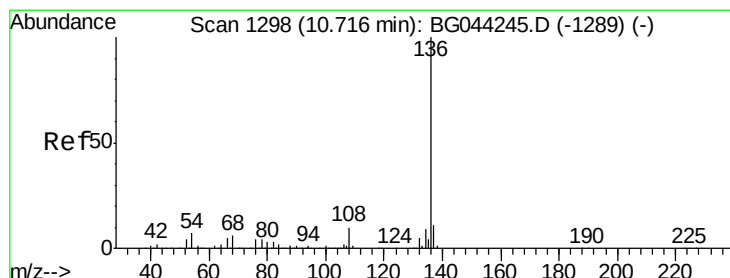
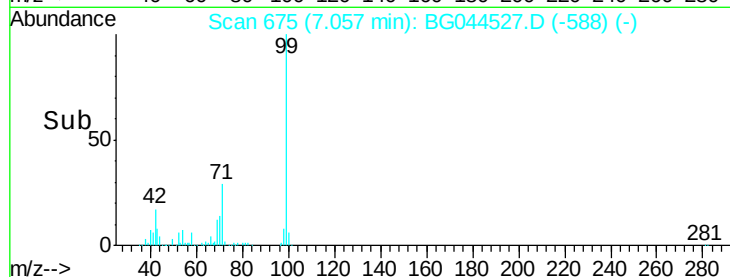
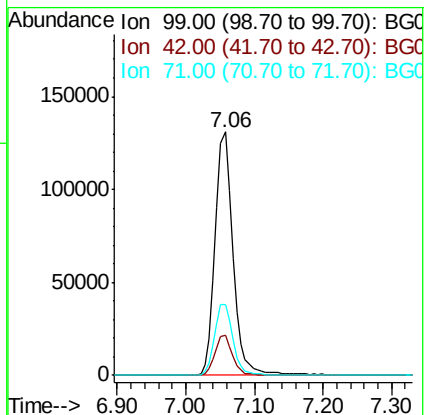
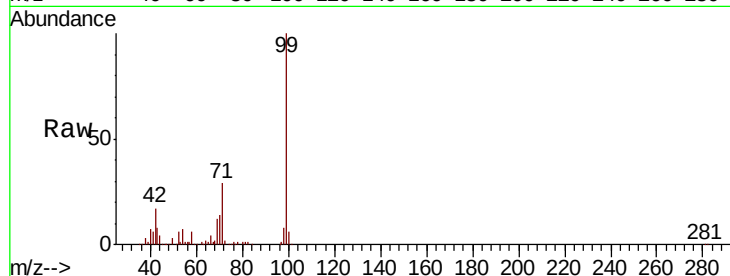
Tot Ion: 99 Resp: 238412

Ion Ratio Lower Upper

99 100

42 16.7 13.8 20.6

71 28.9 25.5 38.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BG044527.D

Acq: 20 Feb 2020 19:15

Tgt Ion: 136 Resp: 243568

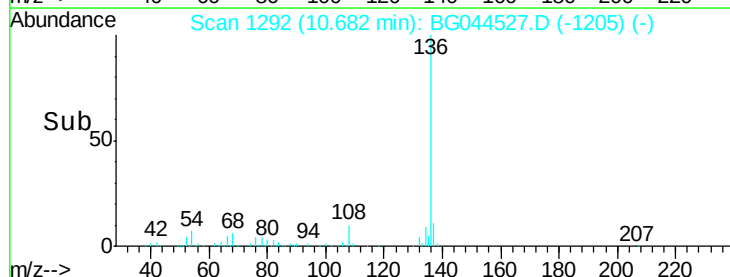
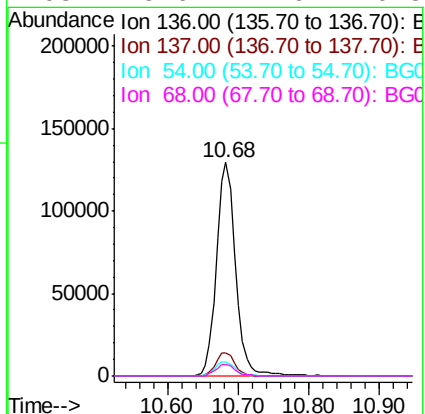
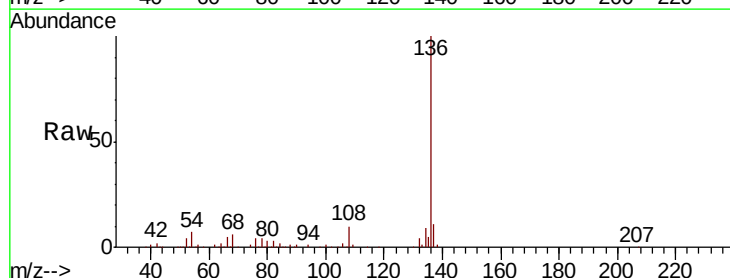
Ion Ratio Lower Upper

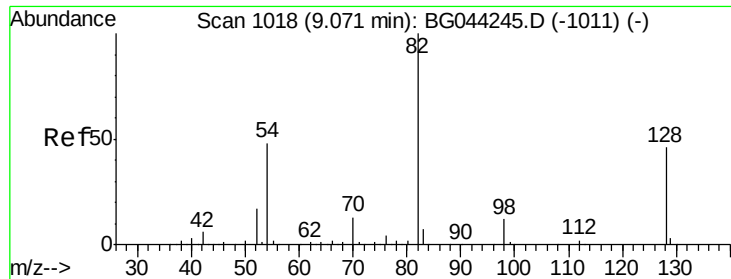
136 100

137 11.1 8.8 13.2

54 6.9 5.8 8.8

68 5.6 4.6 6.8

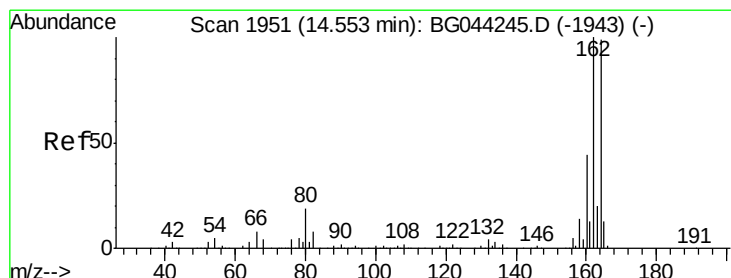
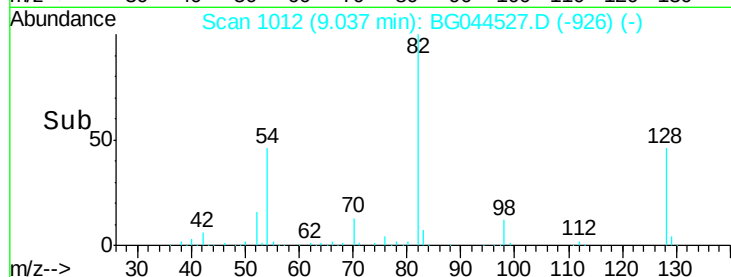
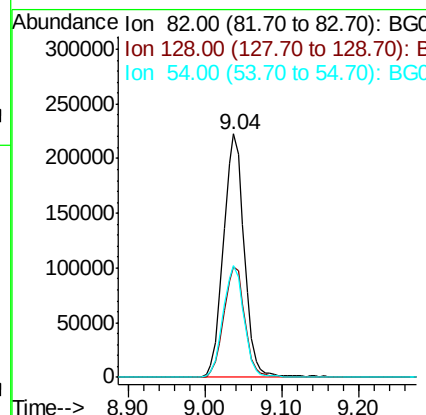
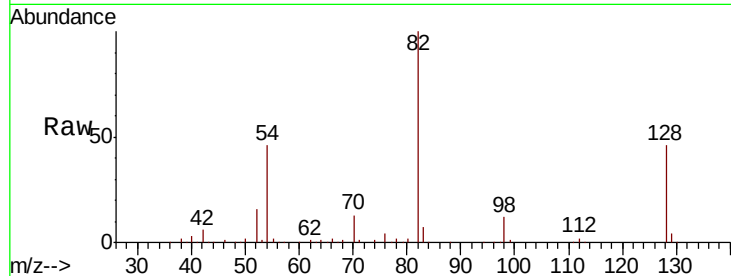




#23
Nitrobenzene-d5
Concen: 96.629 ng
RT: 9.04 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BG044527.D
Acq: 20 Feb 2020 19:15

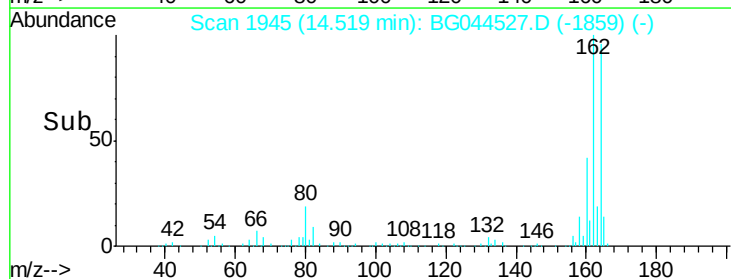
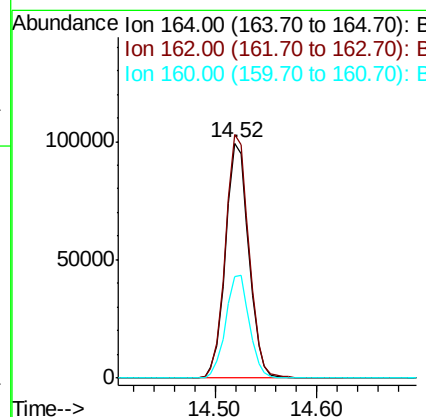
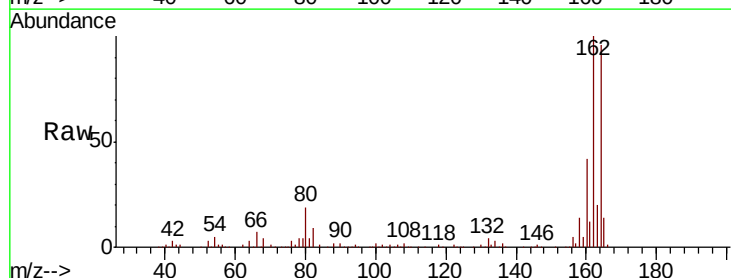
Instrument :
BNA_G
ClientSampleId :
WFD-WC-L-01

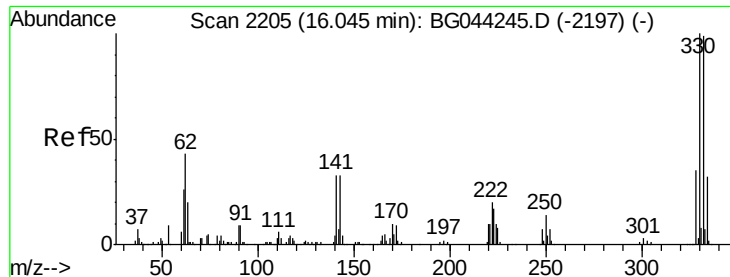
Tot Ion: 82 Resp: 416886
Ion Ratio Lower Upper
82 100
128 45.6 36.5 54.7
54 45.8 38.6 58.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.52 min Scan# 1945
Delta R.T. -0.03 min
Lab File: BG044527.D
Acq: 20 Feb 2020 19:15

Tgt Ion: 164 Resp: 158758
Ion Ratio Lower Upper
164 100
162 103.8 80.7 121.1
160 43.1 35.3 52.9

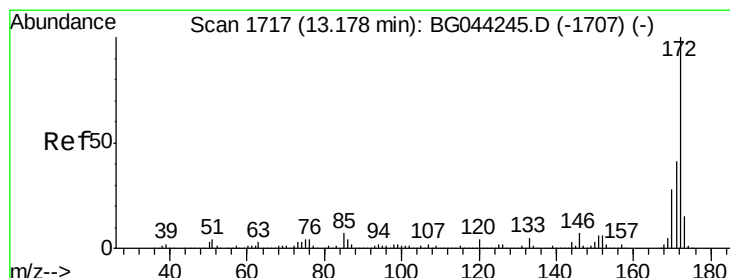
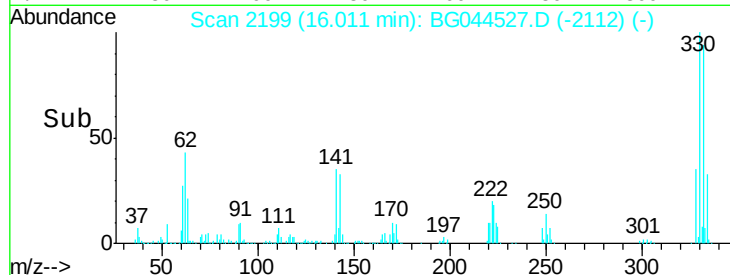
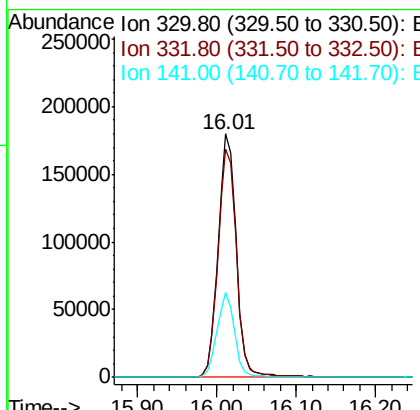
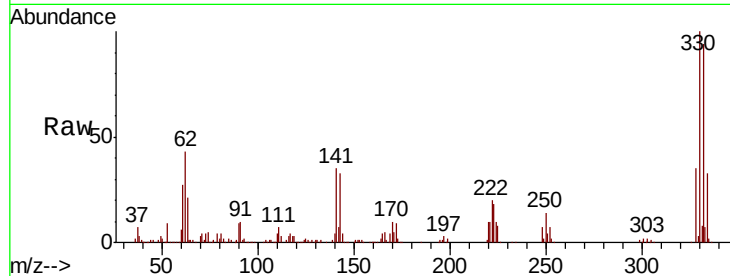




#42
 2,4,6-Tribromophenol
 Concen: 153.220 ng
 RT: 16.01 min Scan# 2199
 Delta R.T. -0.02 min
 Lab File: BG044527.D
 Acq: 20 Feb 2020 19:15

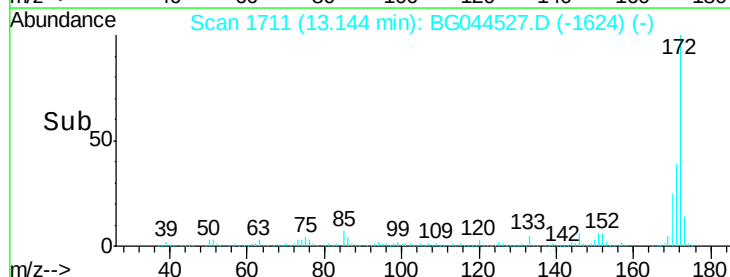
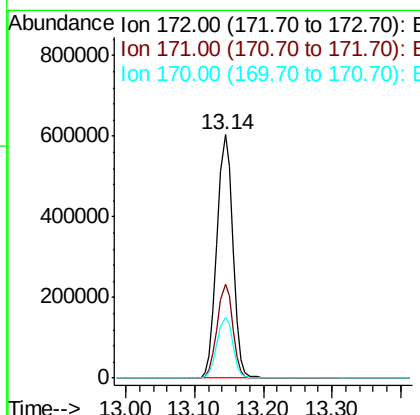
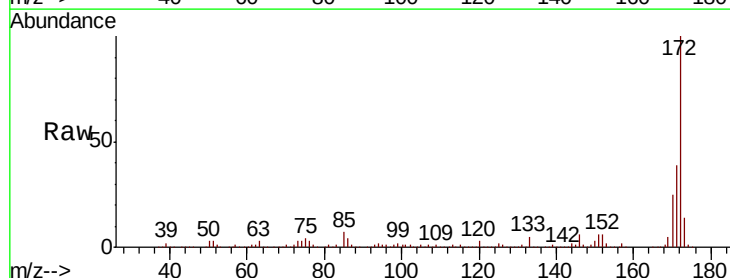
Instrument :
 BNA_G
 ClientSampleId :
 WFD-WC-L-01

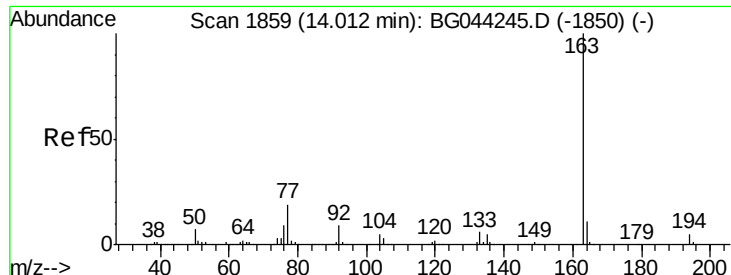
Tot Ion	330	Resp	285560
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.2	115.8
141	33.7	28.3	42.5



#45
 2-Fluorobiphenyl
 Concen: 102.588 ng
 RT: 13.14 min Scan# 1711
 Delta R.T. -0.02 min
 Lab File: BG044527.D
 Acq: 20 Feb 2020 19:15

Tgt Ion	172	Resp	972598
Ion Ratio	Lower	Upper	
172	100		
171	38.7	32.9	49.3
170	25.1	22.0	33.0





#50

Dimethylphthalate

Concen: 2.770 ng

RT: 13.97 min Scan# 1852

Delta R.T. -0.03 min

Lab File: BG044527.D

Acq: 20 Feb 2020 19:15

Instrument :

BNA_G

ClientSampleId :

WFD-WC-L-01

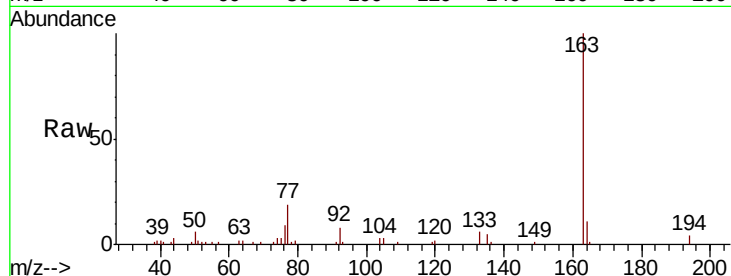
Tot Ion:163 Resp: 31610

Ion Ratio Lower Upper

163 100

194 3.8 3.6 5.4

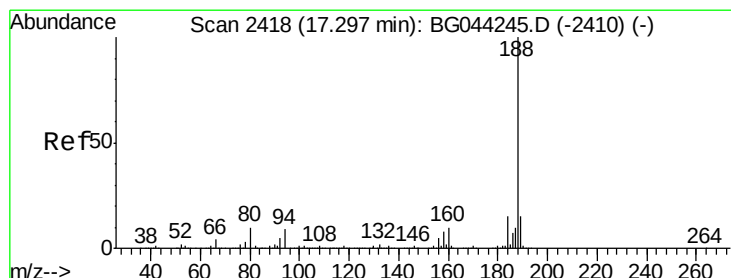
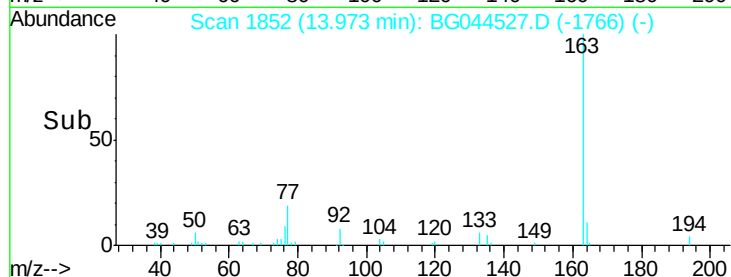
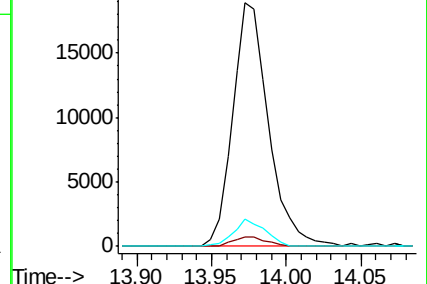
164 11.1 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.26 min Scan# 2412

Delta R.T. -0.03 min

Lab File: BG044527.D

Acq: 20 Feb 2020 19:15

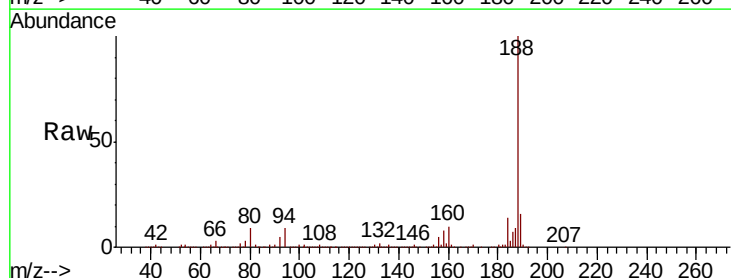
Tgt Ion:188 Resp: 357100

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

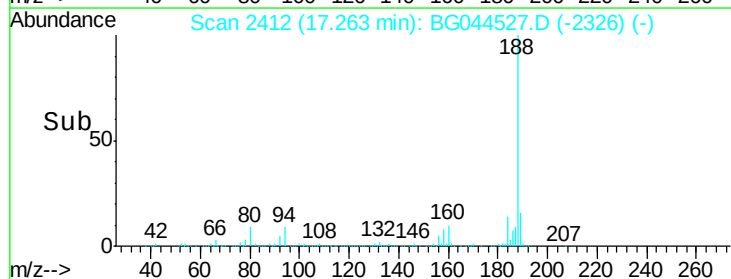
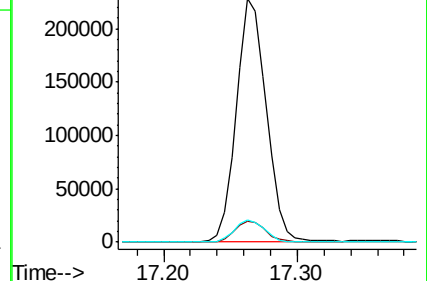
80 9.2 7.7 11.5

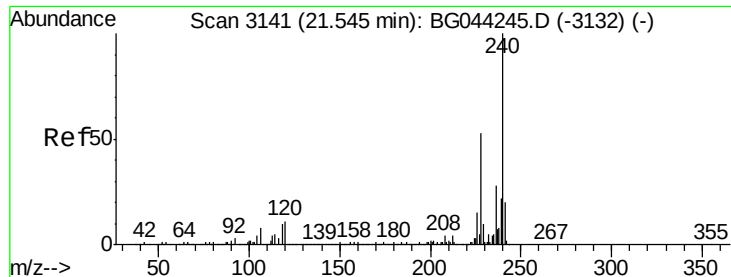


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

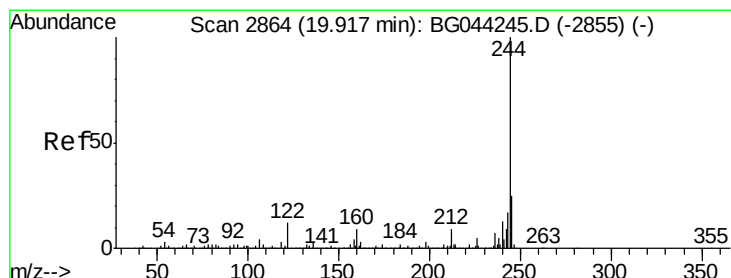
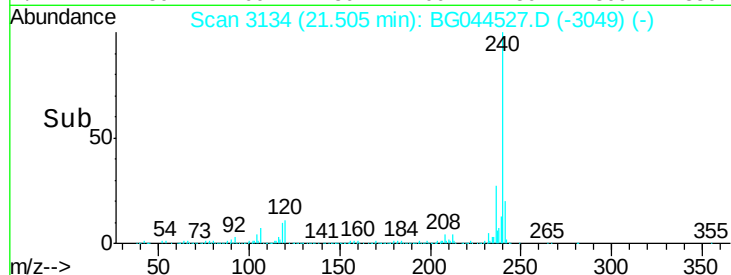
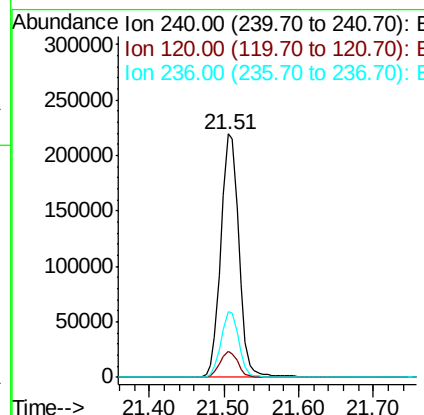
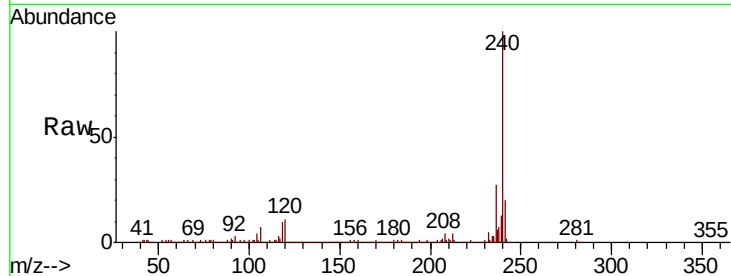




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.51 min Scan# 3134
 Delta R.T. -0.03 min
 Lab File: BG044527.D
 Acq: 20 Feb 2020 19:15

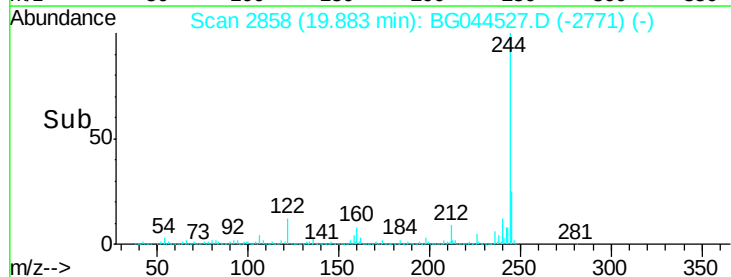
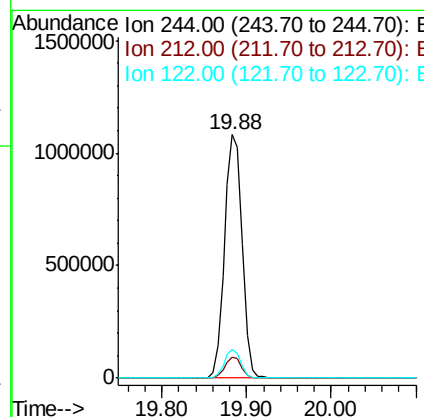
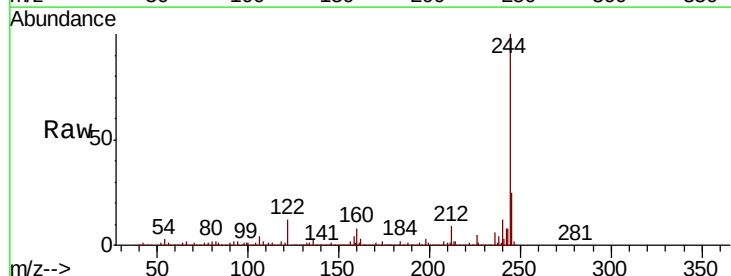
Instrument :
 BNA_G
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 WFD-WC-L-01

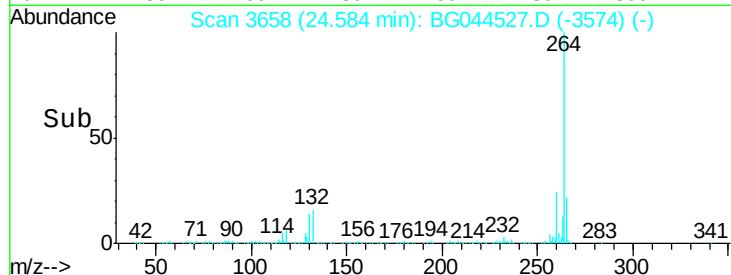
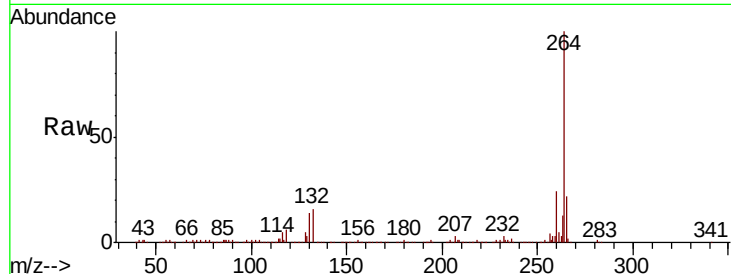
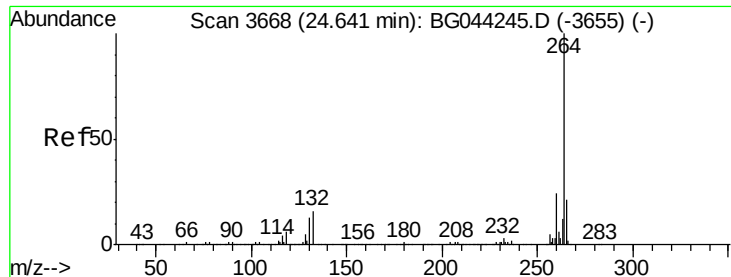
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.4	12.6
236	27.1	22.1	33.1



#79
 Terphenyl-d14
 Concen: 87.353 ng
 RT: 19.88 min Scan# 2858
 Delta R.T. -0.02 min
 Lab File: BG044527.D
 Acq: 20 Feb 2020 19:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.4	11.2
122	11.7	9.8	14.6





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.58 min Scan# 3658
 Delta R.T. -0.04 min
 Lab File: BG044527.D
 Acq: 20 Feb 2020 19:15

Instrument :
 BNA_G
 ClientSampleId :
 WFD-WC-L-01

Tot Ion:	264	Resp:	394897
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.8	16.7	25.1

