

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104545.D
 Acq On : 16 Apr 2018 20:54
 Operator : JU/SJ
 Sample : J2354-02 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1-4PT-COMP

Manual Integrations
 APPROVED

Sohil
 4/17/2018 10:09:09 AM

Quant Time: Apr 17 01:34:17 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	168976	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	669971	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	291709	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	446692	20.00	ng	0.00
75) Chrysene-d12	13.98	240	316058	20.00	ng	-0.01
86) Perylene-d12	15.45	264	283739	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	515654	46.66	ng	0.00
7) Phenol-d6	6.44	99	620103	45.67	ng	-0.01
23) Nitrobenzene-d5	7.37	82	367572	35.83	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	136784	45.20	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	663077	35.91	ng	0.00
78) Terphenyl-d14	12.93	244	479682	34.60	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.56	163	110904	4.821	ng	99
70) Phenanthrene	11.36	178	88387	3.553	ng	98
74) Fluoranthene	12.55	202	242039	9.313	ng	99
77) Pyrene	12.78	202	206765	8.826	ng	99
80) Benzo(a)anthracene	13.97	228	85644	4.536	ng	97
82) Chrysene	14.01	228	117556	6.061	ng	98
85) Indeno(1,2,3-cd)pyrene	16.90	276	51866	3.148	ng	# 92
87) Benzo(b)fluoranthene	15.02	252	150722m	8.411	ng	
88) Benzo(k)fluoranthene	15.04	252	46333m	2.739	ng	
89) Benzo(a)pyrene	15.38	252	75598	4.715	ng	# 92
91) Benzo(g,h,i)perylene	17.34	276	50340	3.946	ng	# 94

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

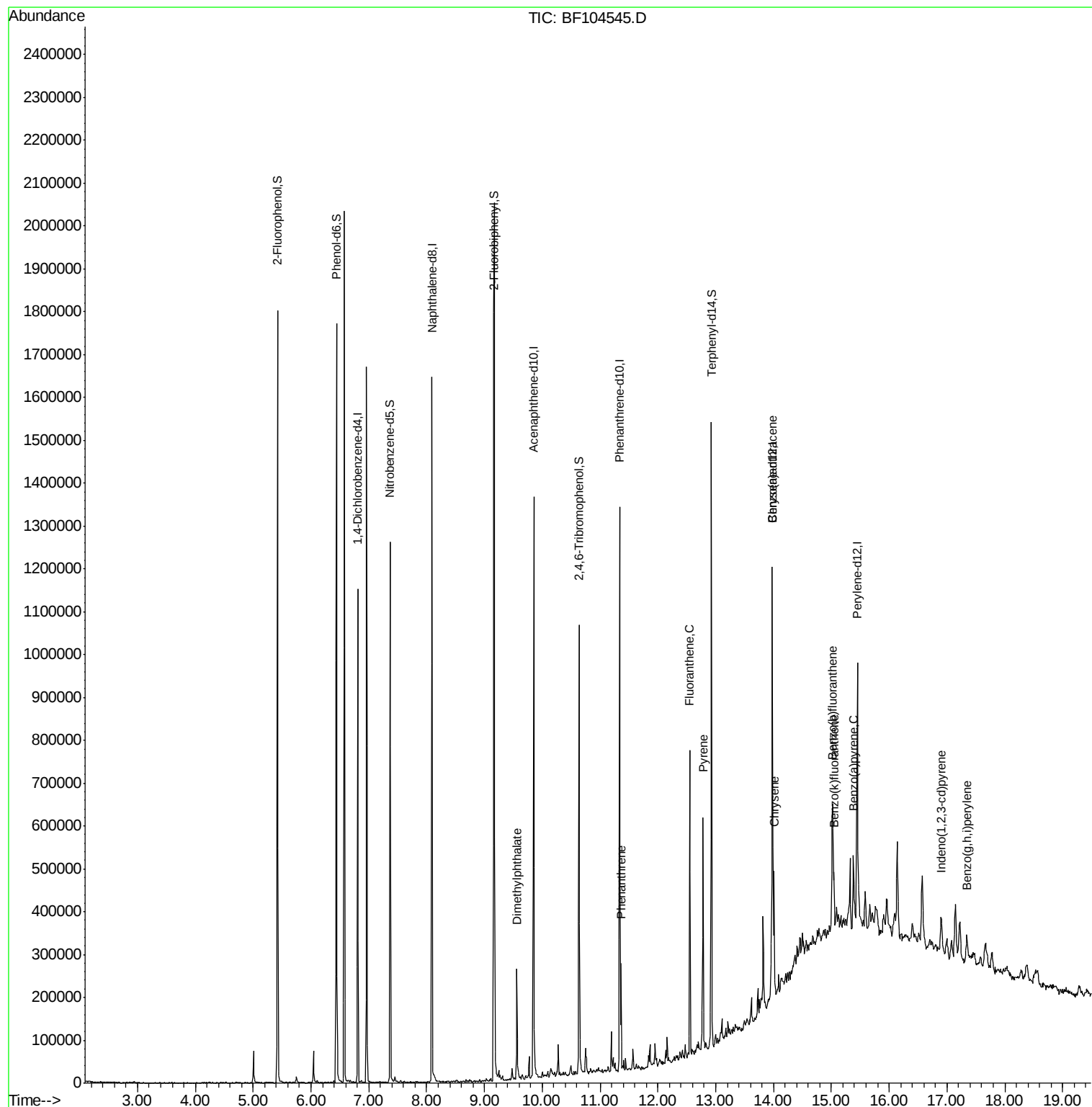
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
Data File : BF104545.D
Acq On : 16 Apr 2018 20:54
Operator : JU/SJ
Sample : J2354-02 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

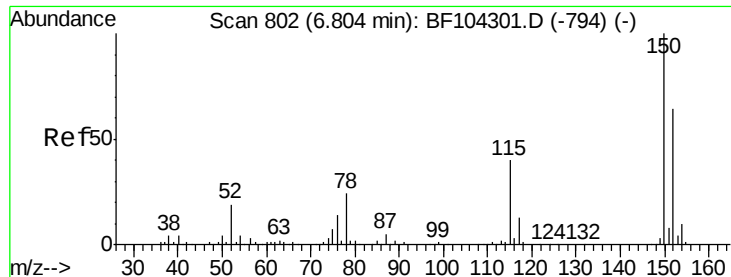
Instrument :
BNA_F
ClientSampleId :
WC-1-4PT-COMP

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Quant Time: Apr 17 01:34:17 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

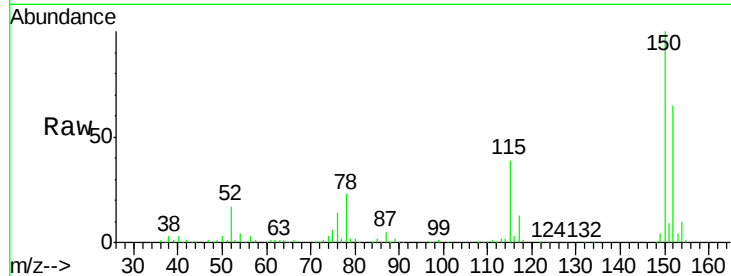
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104545.D
Acq: 16 Apr 2018 20:54

Instrument :
BNA_F
ClientSampleId :
WC-1-4PT-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	59.7	50.1	75.1

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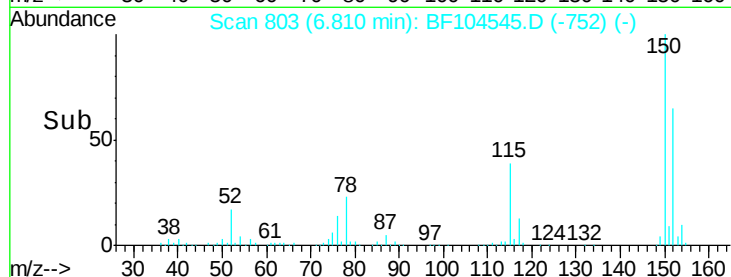
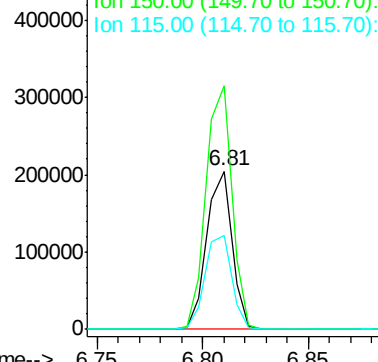


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

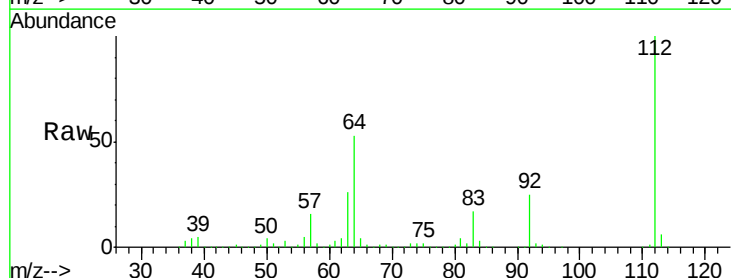
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 46.661 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF104545.D
Acq: 16 Apr 2018 20:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	47.9	71.9
63	26.5	23.7	35.5

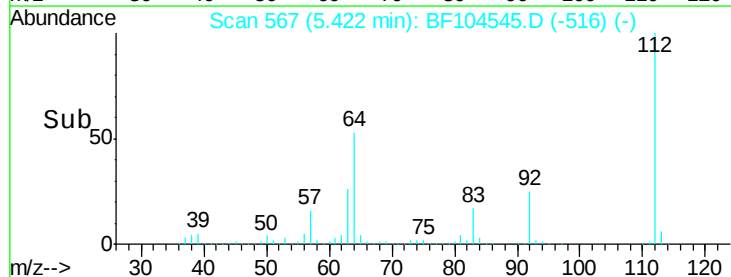
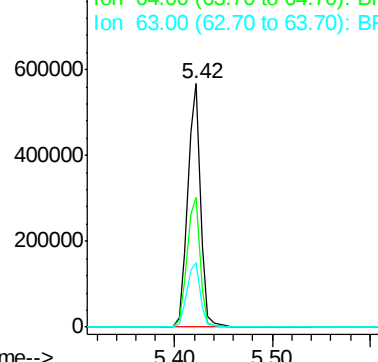


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 45.669 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104545.D

Acq: 16 Apr 2018 20:54

Instrument :

BNA_F

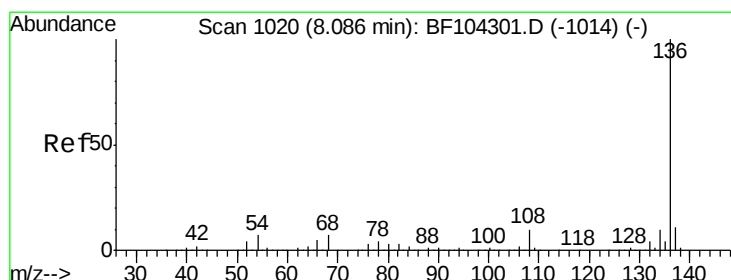
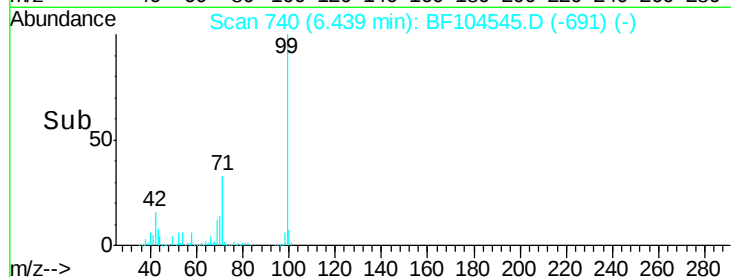
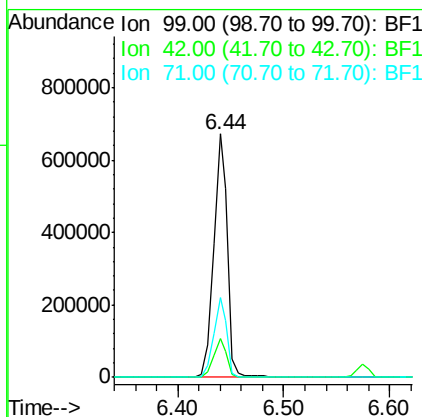
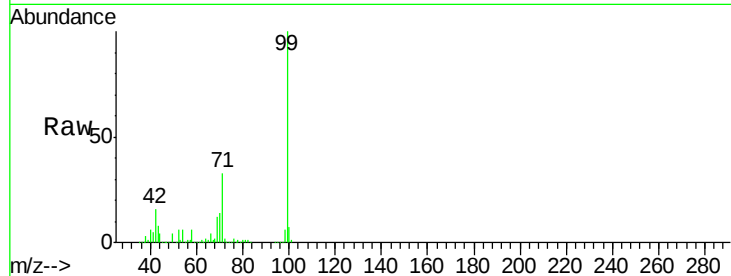
ClientSampleId :

WC-1-4PT-COMP

Tot Ion:	99	Resp:	620103
Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	32.5	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

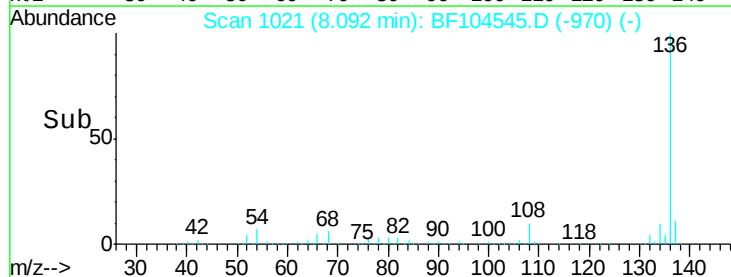
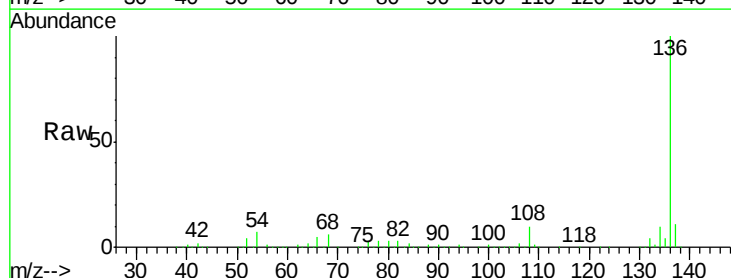
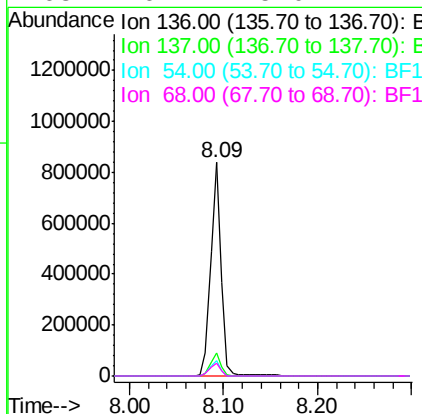
RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104545.D

Acq: 16 Apr 2018 20:54

Tgt Ion:	136	Resp:	669971
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.0	6.6	9.8
68	6.2	5.0	7.4





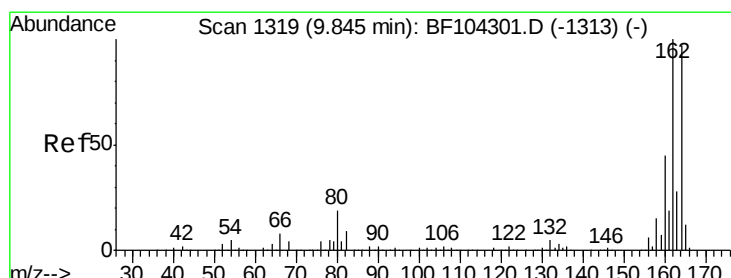
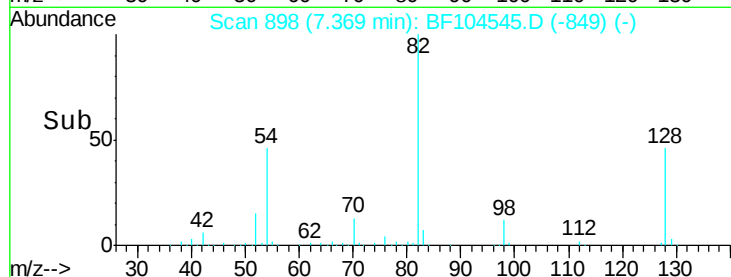
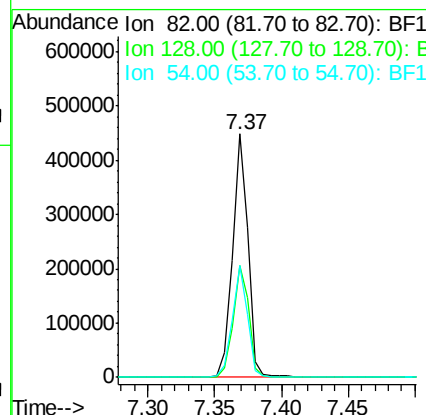
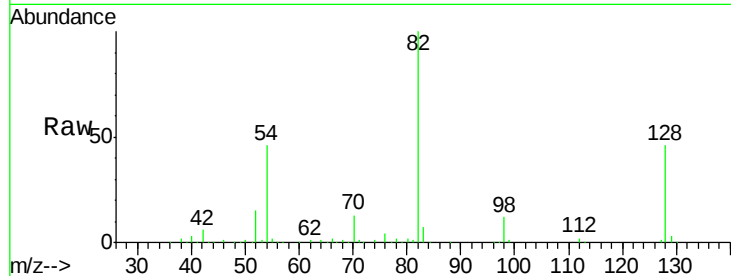
#23
 Nitrobenzene-d5
 Concen: 35.825 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104545.D
 Acq: 16 Apr 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-1-4PT-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	45.8	41.4	62.2

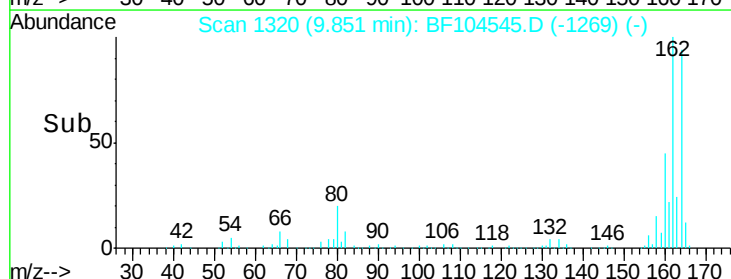
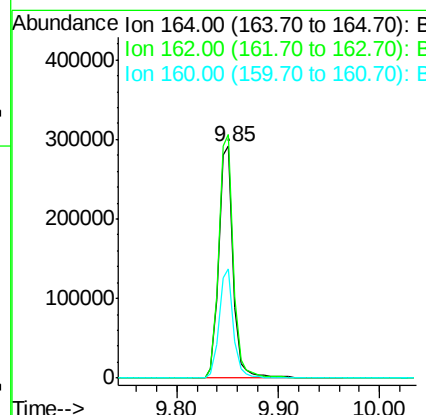
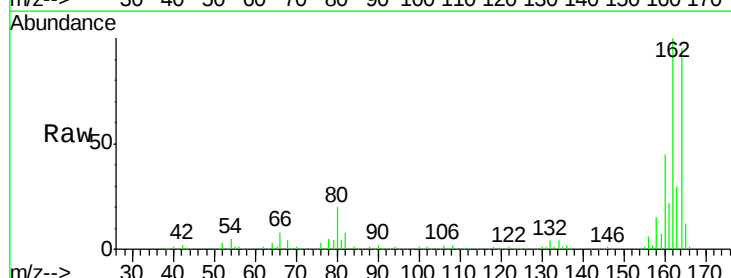
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: BF104545.D
 Acq: 16 Apr 2018 20:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	46.9	38.3	57.5





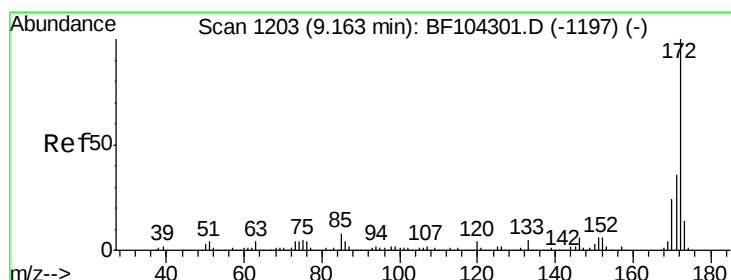
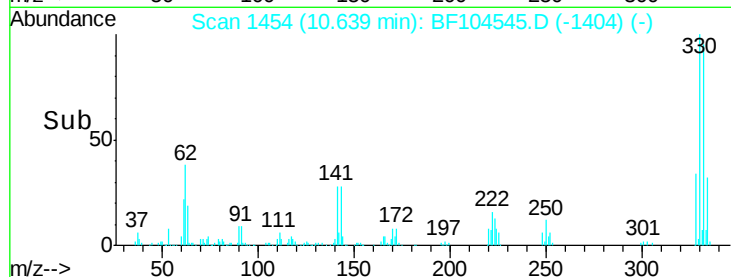
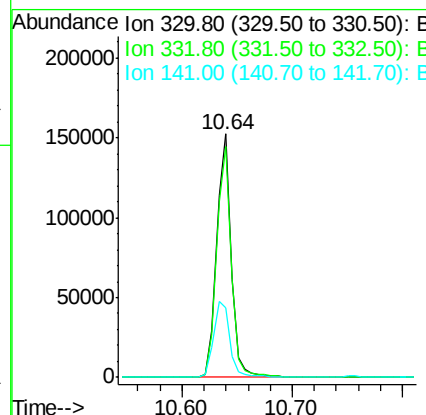
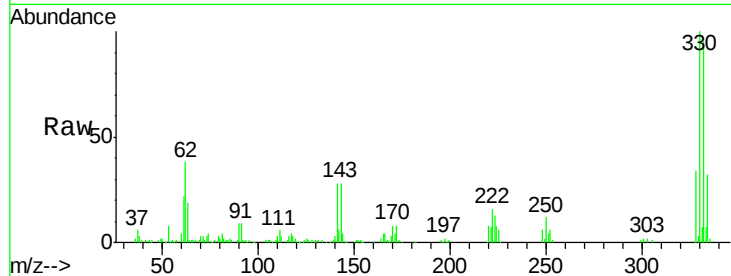
#41
 2,4,6-Tribromophenol
 Concen: 45.203 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF104545.D
 Acq: 16 Apr 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-1-4PT-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	35.0	29.9	44.9

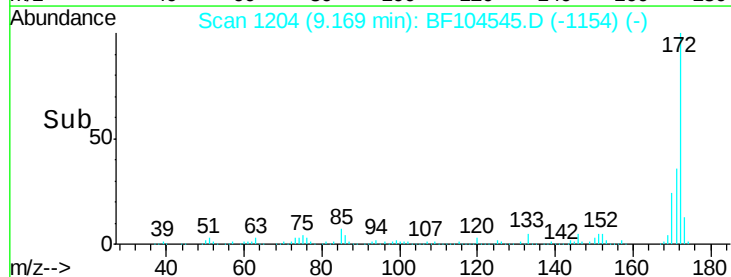
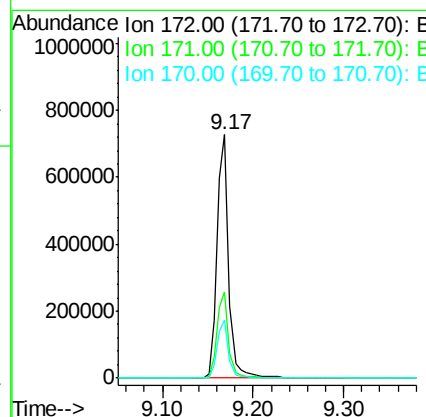
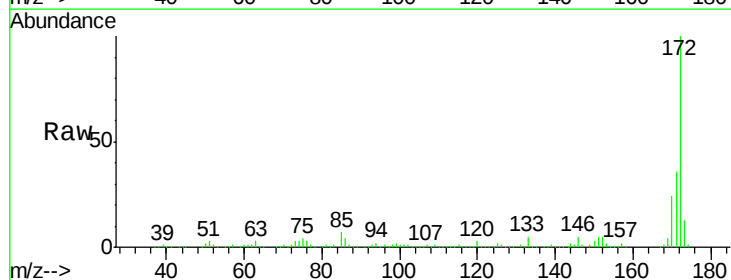
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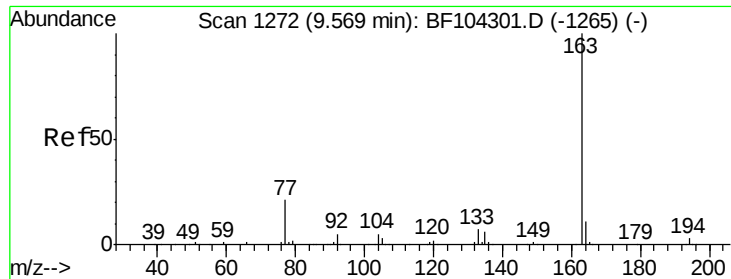
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#44
 2-Fluorobiphenyl
 Concen: 35.909 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF104545.D
 Acq: 16 Apr 2018 20:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.8	19.6	29.4





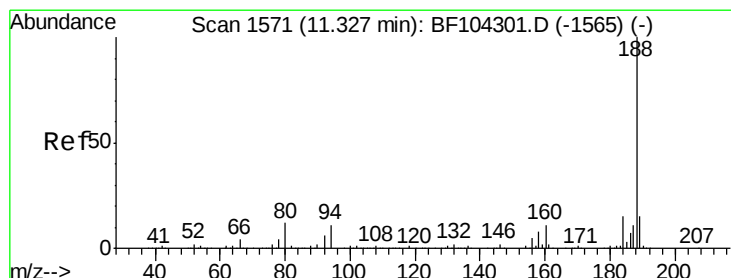
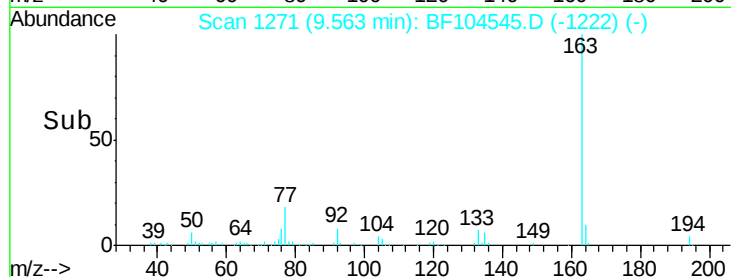
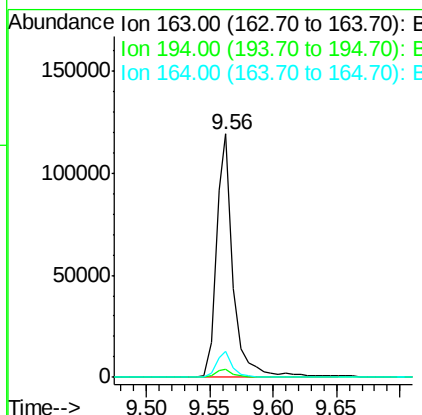
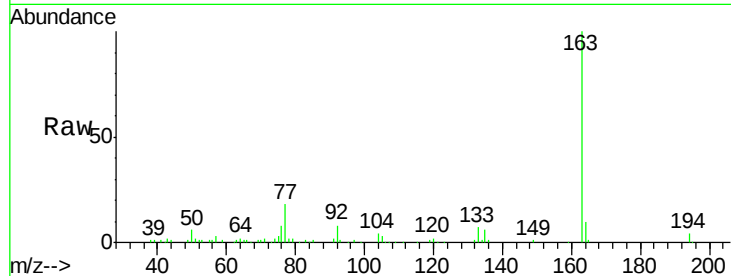
#49
Dimethylphthalate
Concen: 4.821 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104545.D
Acq: 16 Apr 2018 20:54

Instrument :
BNA_F
ClientSampleId :
WC-1-4PT-COMP

Tot Ion:	163	Resp:	110904
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.7	4.1
164	10.5	8.2	12.2

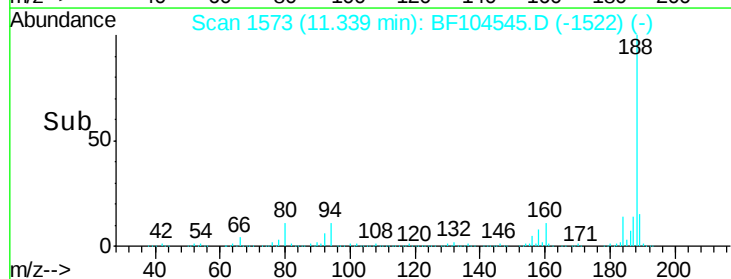
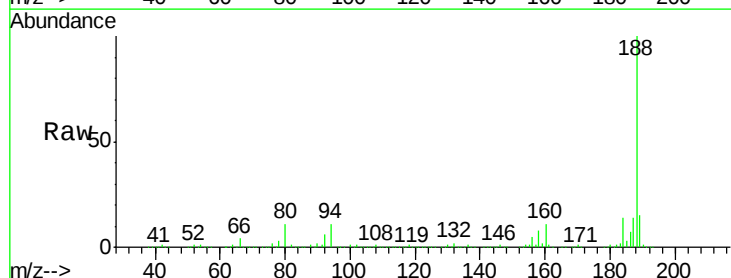
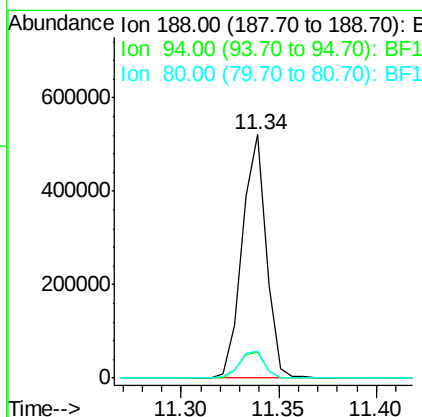
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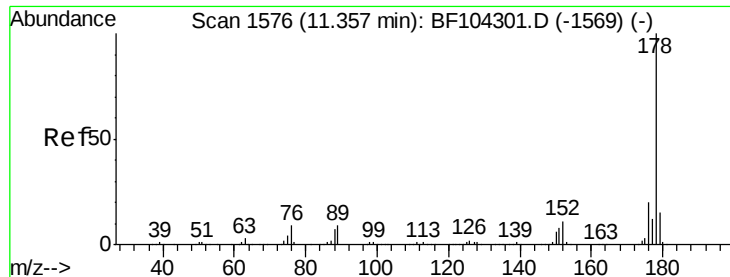
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF104545.D
Acq: 16 Apr 2018 20:54

Tgt Ion:	188	Resp:	446692
Ion Ratio	Lower	Upper	
188	100		
94	10.7	8.5	12.7
80	11.4	9.2	13.8





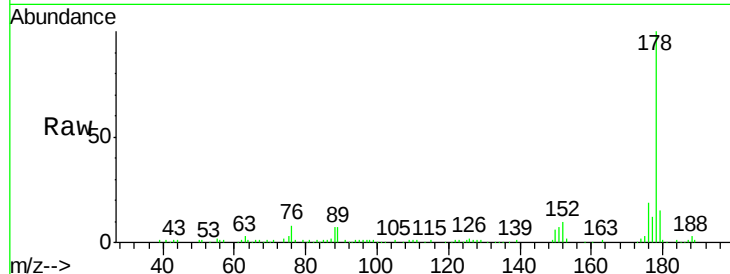
#70
Phenanthrene
Concen: 3.553 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF104545.D
Acq: 16 Apr 2018 20:54

Instrument :
BNA_F
ClientSampleId :
WC-1-4PT-COMP

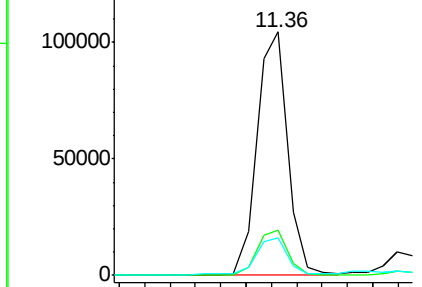
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.3	13.0	19.6

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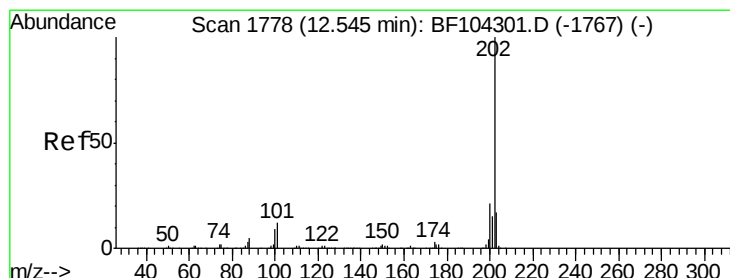
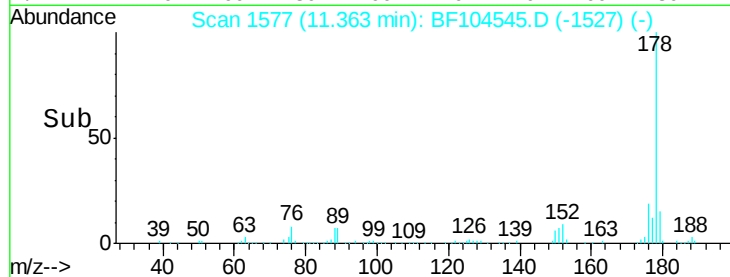
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

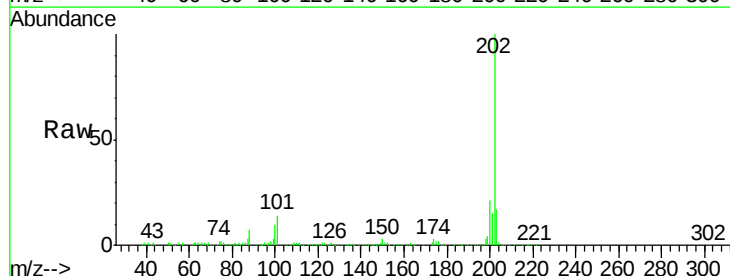


Time--> 11.30 11.35 11.40

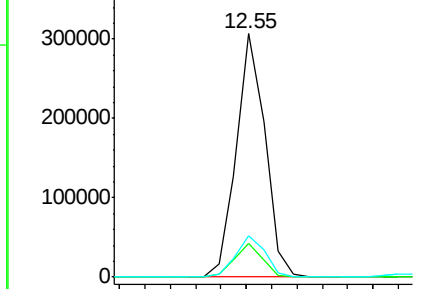


#74
Fluoranthene
Concen: 9.313 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF104545.D
Acq: 16 Apr 2018 20:54

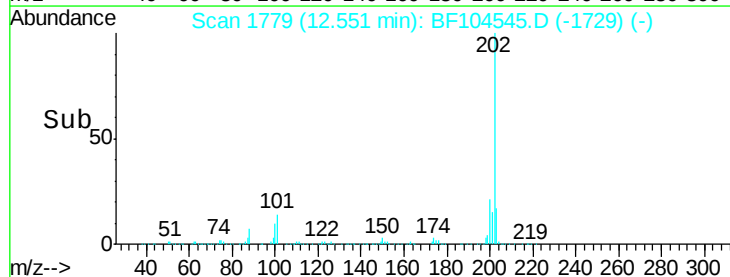
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	34.1
203	17.1	0.0	38.1

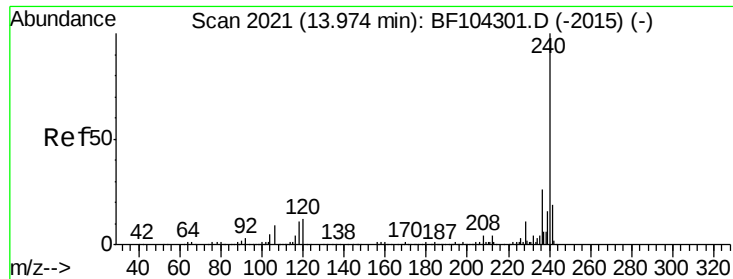


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 12.50 12.55 12.60





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104545.D

Acq: 16 Apr 2018 20:54

Instrument :

BNA_F

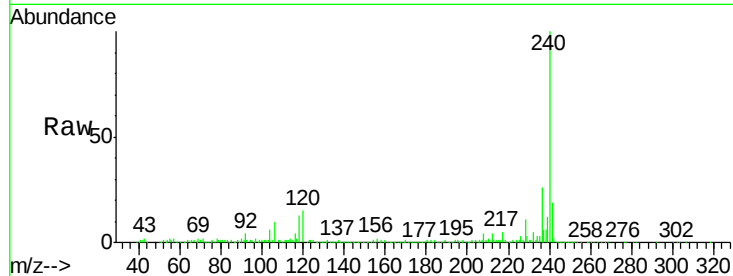
ClientSampleId :

WC-1-4PT-COMP

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.0	9.5	14.3#
236	26.2	20.7	31.1

Manual Integrations
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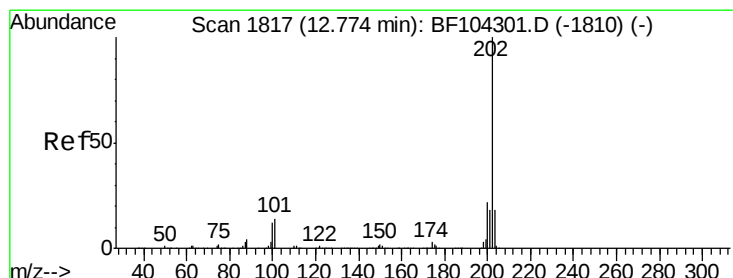
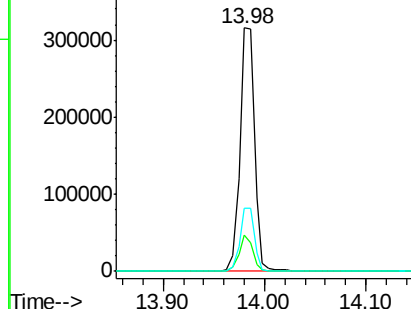
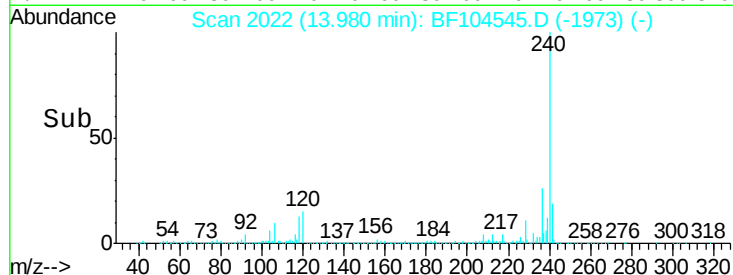
Sohil
4/17/2018 10:09:09 AM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 8.826 ng

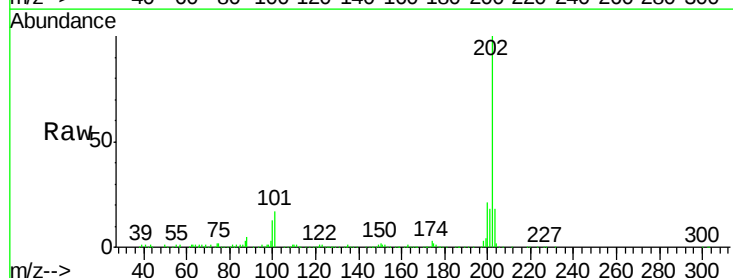
RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF104545.D

Acq: 16 Apr 2018 20:54

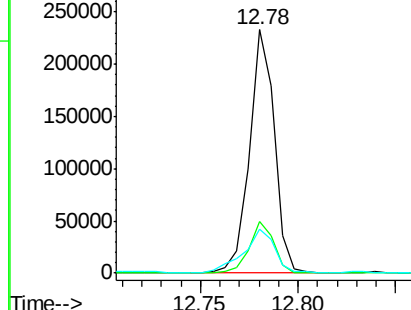
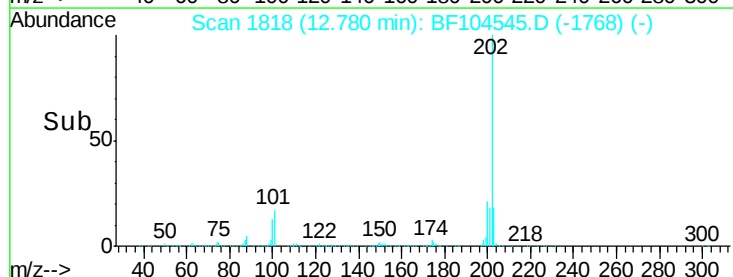
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.4	26.2
203	18.1	14.3	21.5

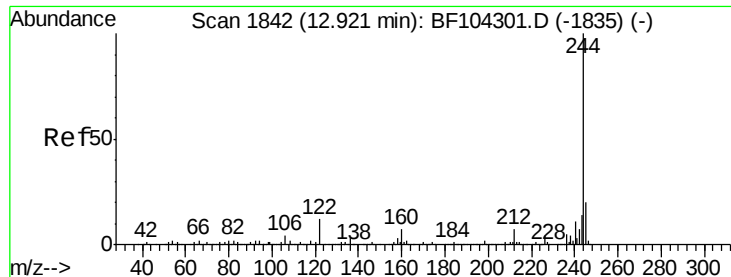


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





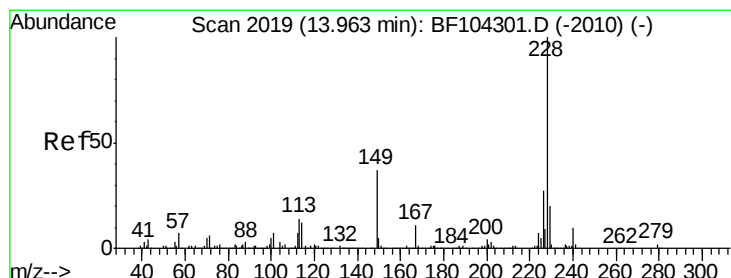
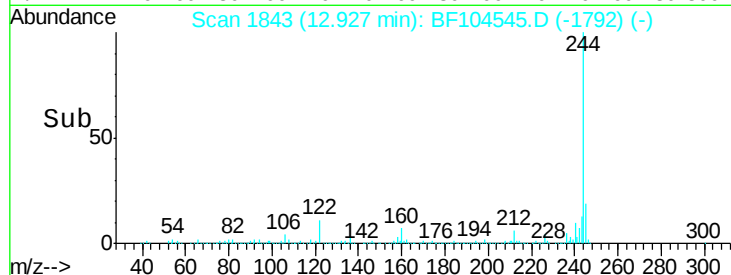
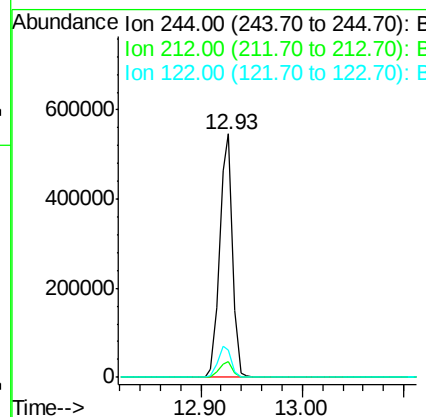
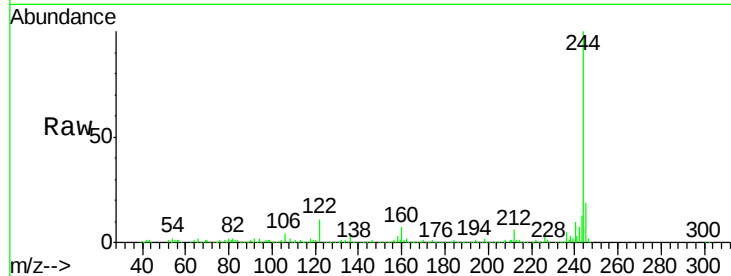
#78
 Terphenyl-d14
 Concen: 34.601 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: BF104545.D
 Acq: 16 Apr 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-1-4PT-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.4	11.0	16.4

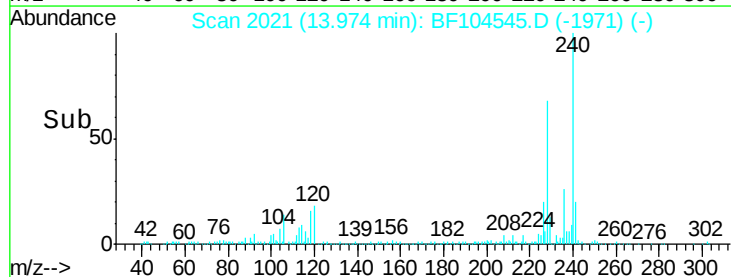
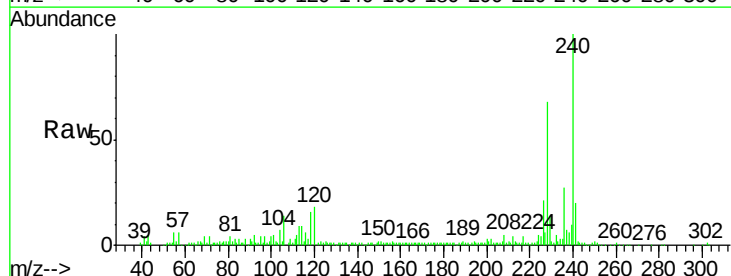
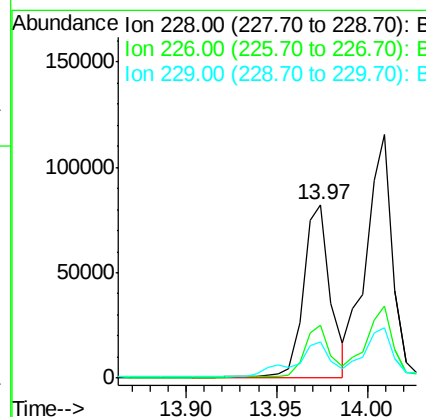
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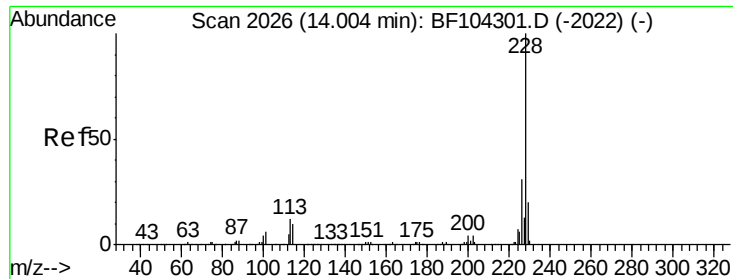
Sohil
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#80
 Benzo(a)anthracene
 Concen: 4.536 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF104545.D
 Acq: 16 Apr 2018 20:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	21.0	15.8	23.6





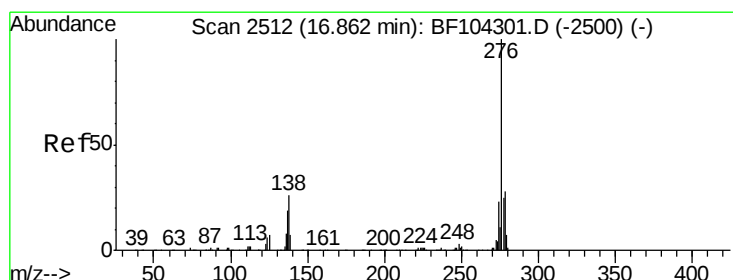
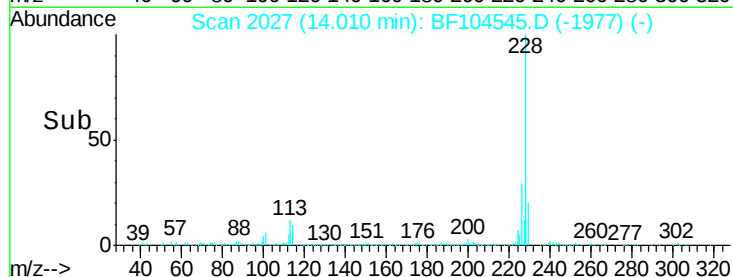
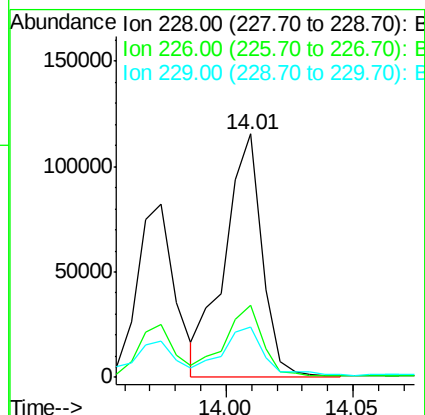
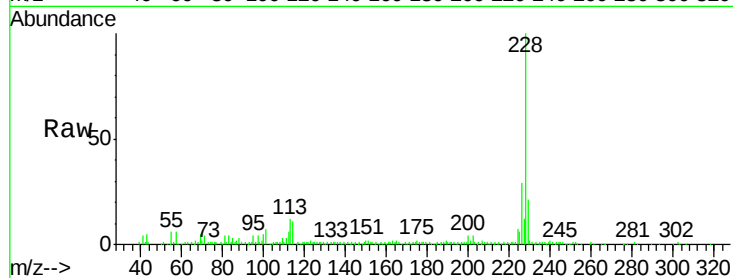
#82
 Chrysene
 Concen: 6.061 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF104545.D
 Acq: 16 Apr 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-1-4PT-COMP

Tot Ion:	228	Resp:	117556
Ion Ratio	Lower	Upper	
228	100		
226	29.5	25.0	37.6
229	20.6	16.2	24.4

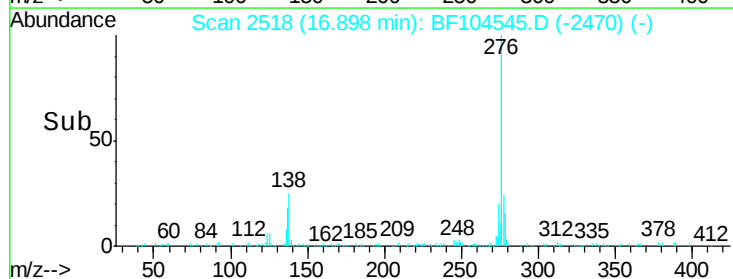
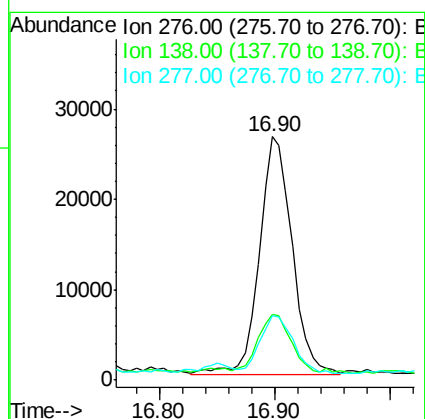
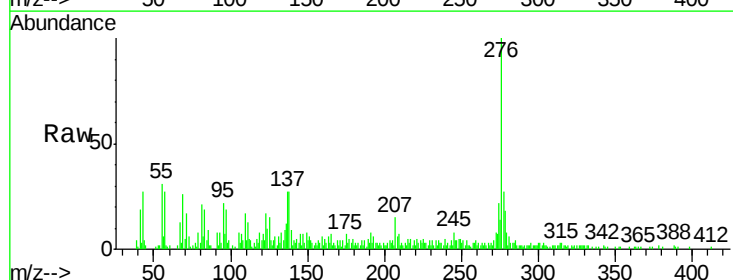
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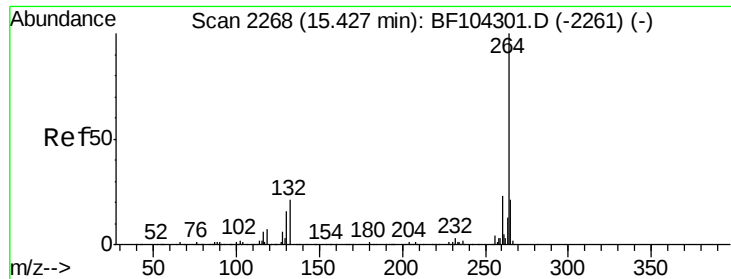
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.148 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. -0.02 min
 Lab File: BF104545.D
 Acq: 16 Apr 2018 20:54

Tgt Ion:	276	Resp:	51866
Ion Ratio	Lower	Upper	
276	100		
138	23.6	25.0	37.6#
277	24.9	20.1	30.1





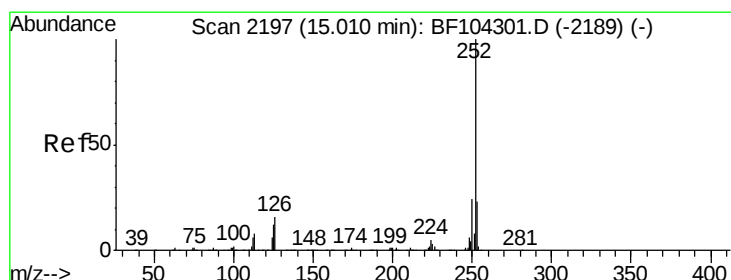
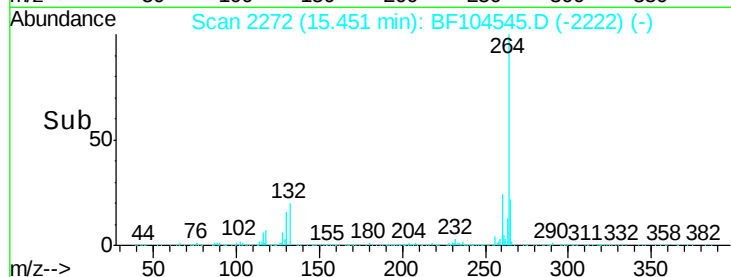
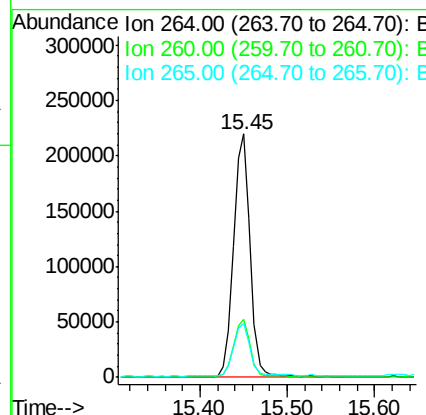
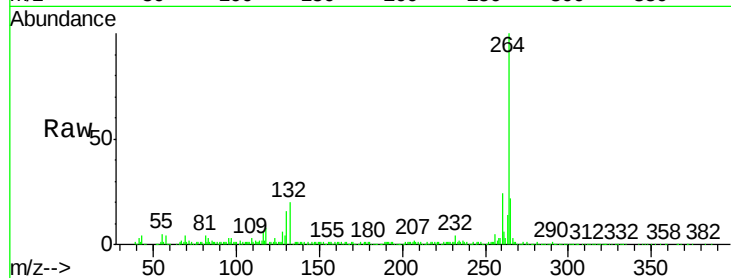
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104545.D
Acq: 16 Apr 2018 20:54

Instrument :
BNA_F
ClientSampleId :
WC-1-4PT-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.3	17.5	26.3

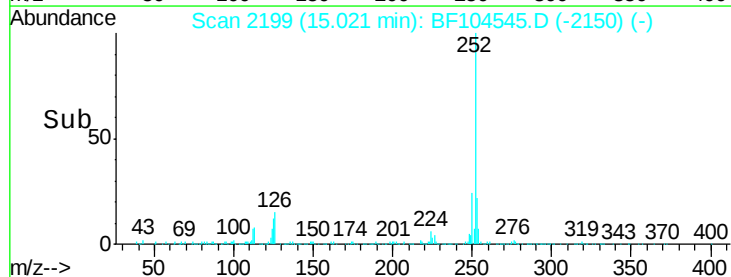
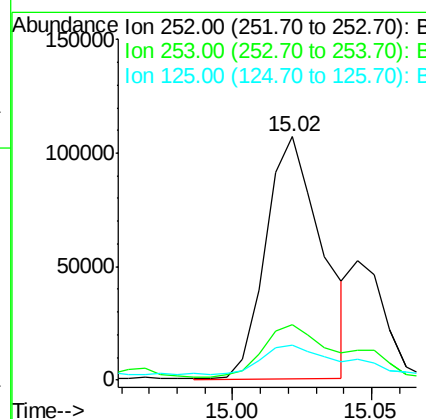
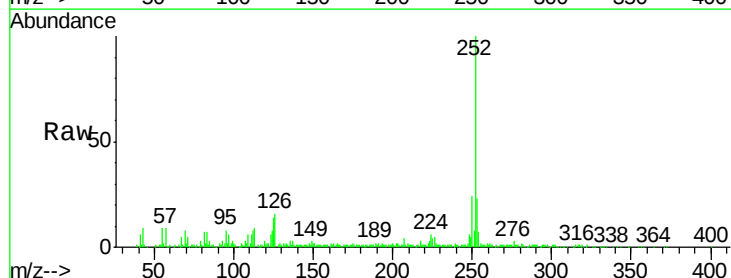
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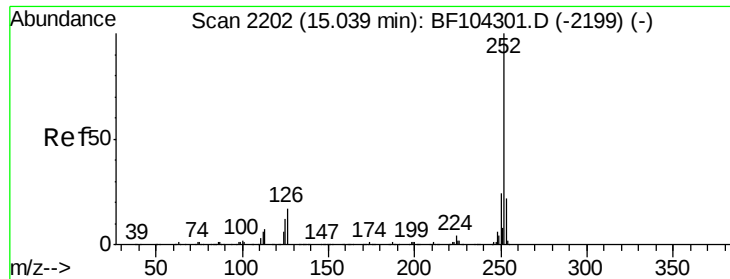
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#87
Benzo(b)fluoranthene
Concen: 8.411 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF104545.D
Acq: 16 Apr 2018 20:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	14.4	9.0	13.6#





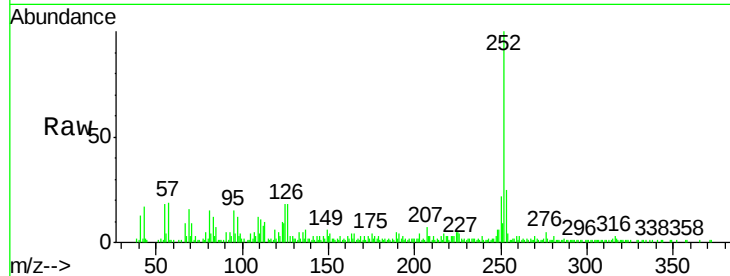
#88
Benzo(k)fluoranthene
Concen: 2.739 ng m
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF104545.D
Acq: 16 Apr 2018 20:54

Instrument :
BNA_F
ClientSampleId :
WC-1-4PT-COMP

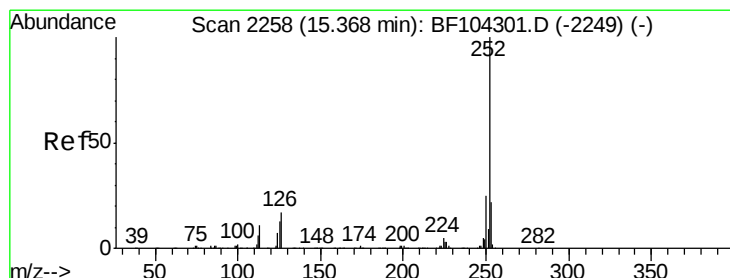
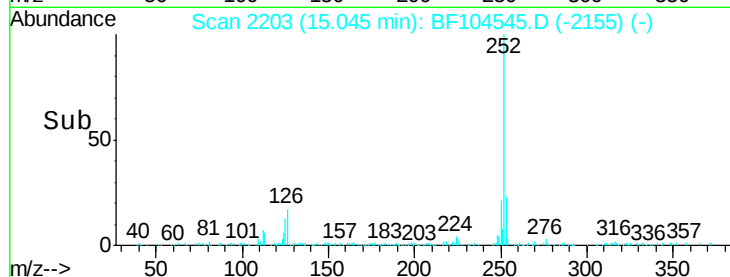
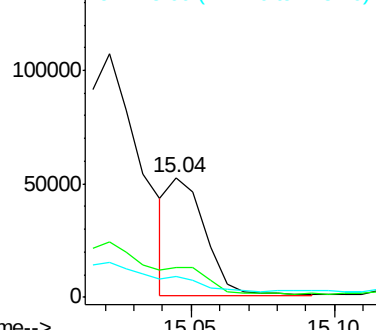
Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.9	26.9
125	17.7	10.2	15.2

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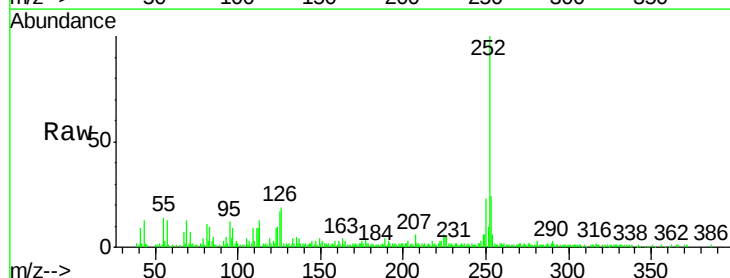


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

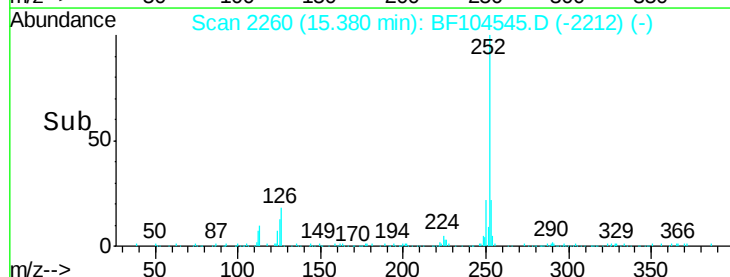
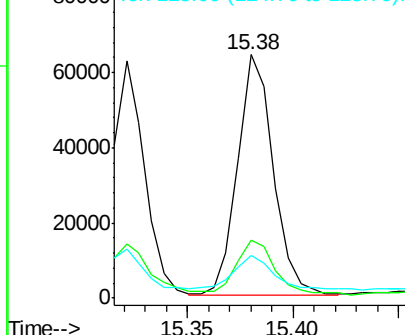


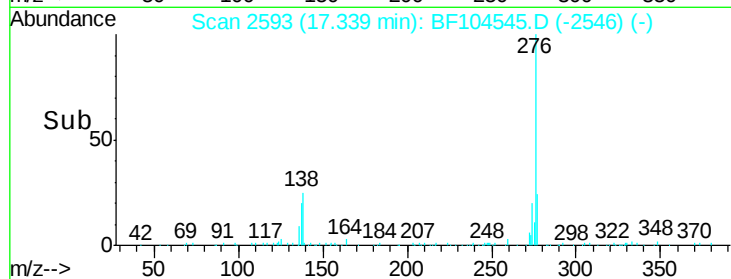
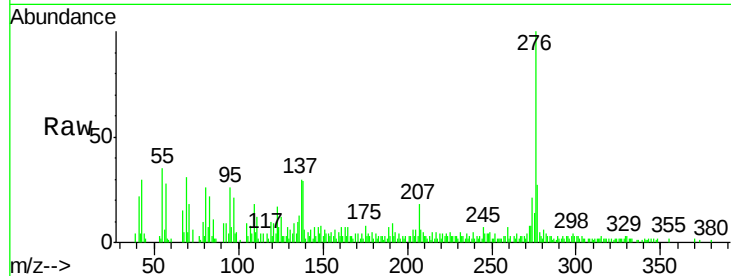
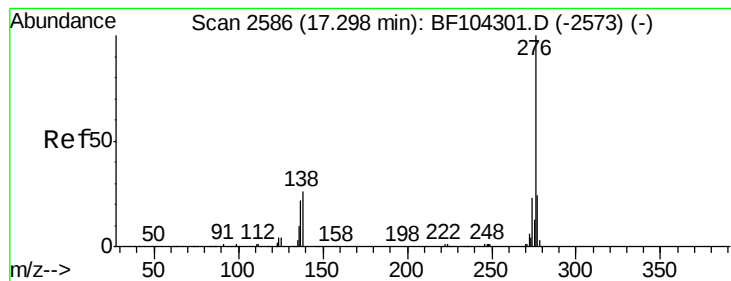
#89
Benzo(a)pyrene
Concen: 4.715 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BF104545.D
Acq: 16 Apr 2018 20:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.1	25.7
125	17.5	9.8	14.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 3.946 ng
 RT: 17.34 min Scan# 2593
 Delta R.T. -0.02 min
 Lab File: BF104545.D
 Acq: 16 Apr 2018 20:54

Instrument :
 BNA_F
 ClientSampleId :
 WC-1-4PT-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.2	17.9	26.9#
138	28.6	21.8	32.8

Manual Integrations
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