

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
 Data File : BF090685.D
 Acq On : 20 Oct 2016 16:36
 Operator : UM/SJ
 Sample : H5315-04 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FO-TANK-SIDEWALL-SOUTH

Manual Integrations
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Quant Time: Oct 20 18:59:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 18:12:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	221078	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	1036012	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	451438	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	592126	20.00	ng	0.00
75) Chrysene-d12	14.05	240	512862	20.00	ng	0.00
86) Perylene-d12	15.49	264	455012	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	766441	63.56	ng	0.00
7) Phenol-d6	6.51	99	982732	54.84	ng	-0.01
23) Nitrobenzene-d5	7.45	82	602026	32.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.71	330	130397	32.40	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	864323	31.55	ng	-0.01
78) Terphenyl-d14	12.99	244	515795	23.42	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.64	163	240742	8.22	ng	Qvalue # 96
74) Fluoranthene	12.61	202	92633	2.91	ng	89
77) Pyrene	12.84	202	86026	2.53	ng	96
80) Benzo(a)anthracene	14.04	228	72549m	2.48	ng	
87) Benzo(b)fluoranthene	15.08	252	73389m	2.46	ng	

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

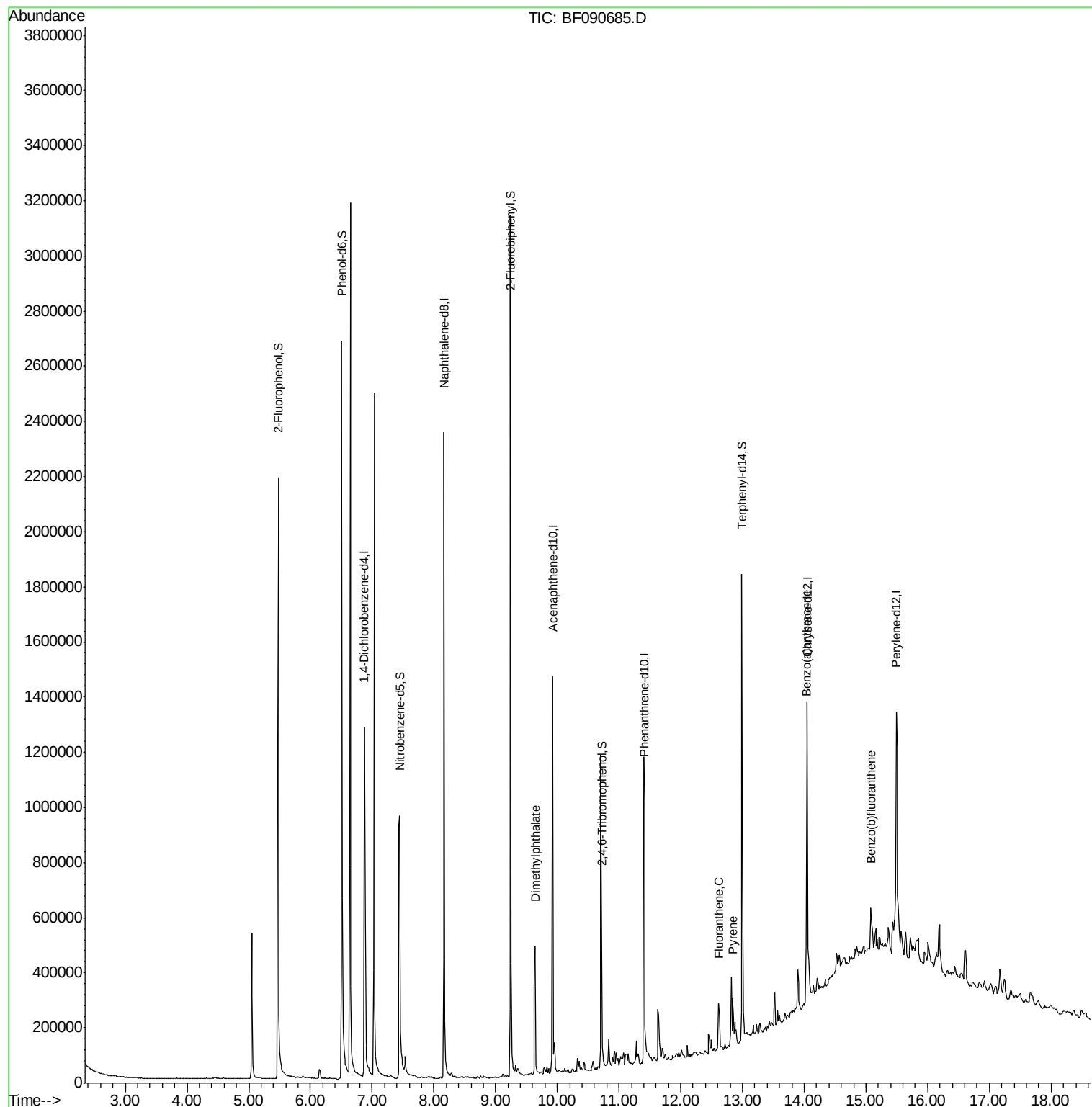
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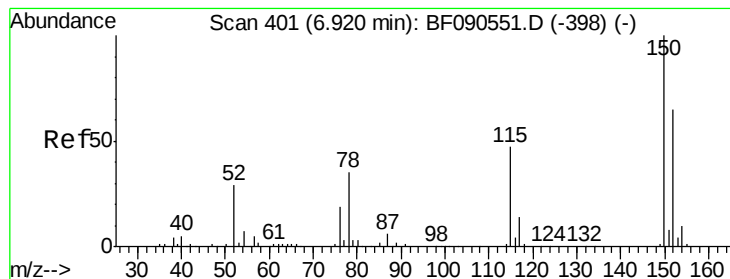
Instrument :
BNA_F
ClientSampleId :
FO-TANK-SIDEWALL-SOUTH

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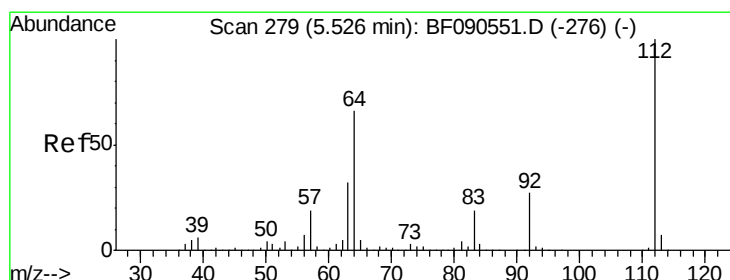
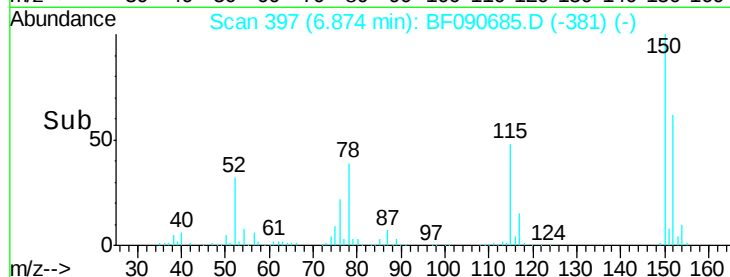
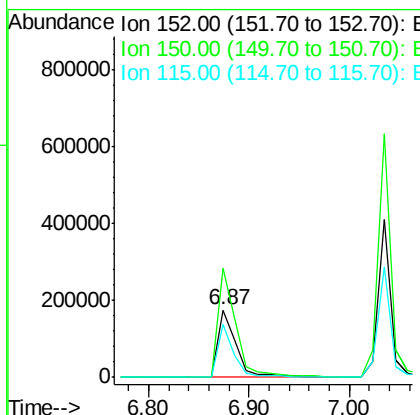
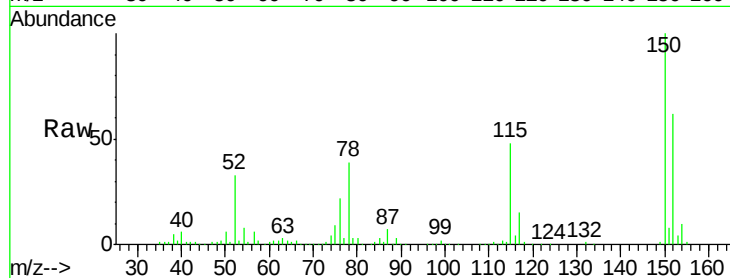
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.87 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BF090685.D
 Acq: 20 Oct 2016 16:36

Instrument :
 BNA_F
 ClientSampleId :
 FO-TANK-SIDEWALL-SOUTH

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.9	127.2	190.8
115	77.9	58.6	88.0

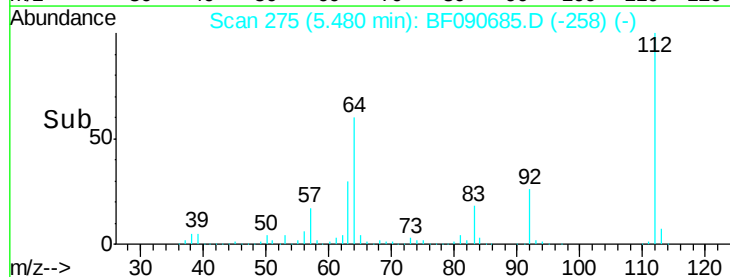
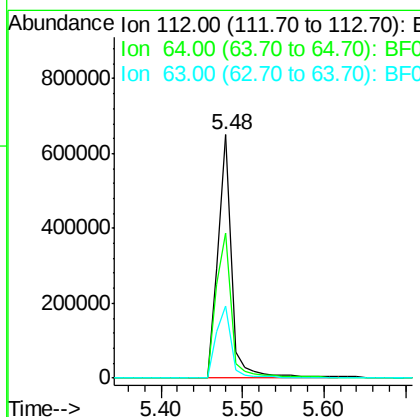
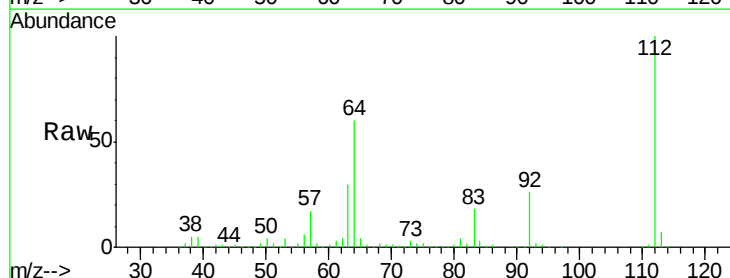
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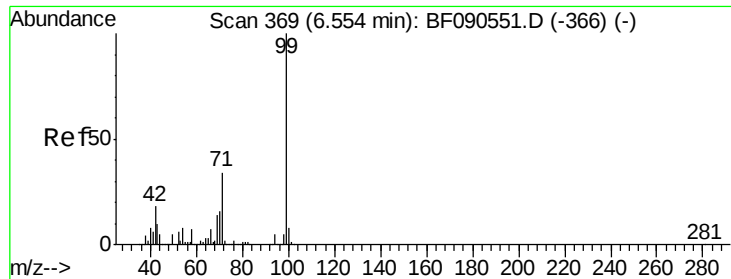
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#5
 2-Fluorophenol
 Concen: 63.56 ng
 RT: 5.48 min Scan# 275
 Delta R.T. -0.00 min
 Lab File: BF090685.D
 Acq: 20 Oct 2016 16:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	52.6	78.8
63	29.7	26.0	39.0





#7

Phenol-d6

Concen: 54.84 ng

RT: 6.51 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF090685.D

Acq: 20 Oct 2016 16:36

Instrument :

BNA_F

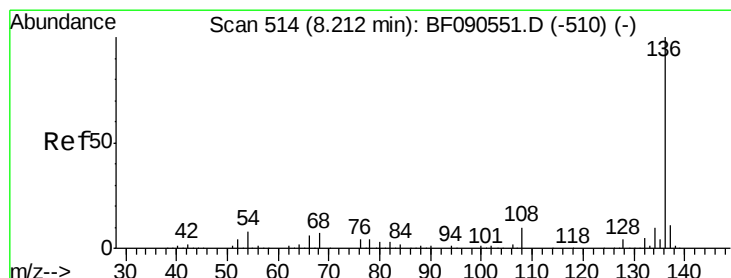
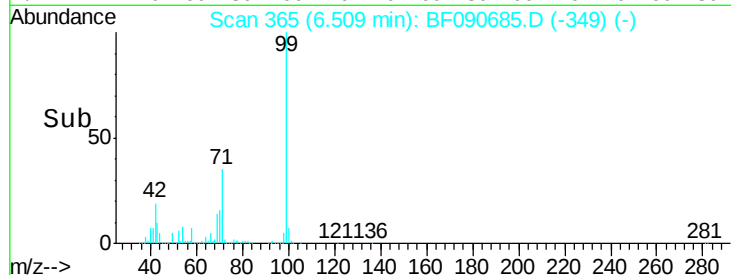
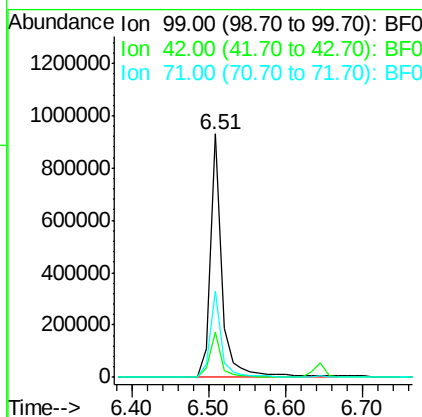
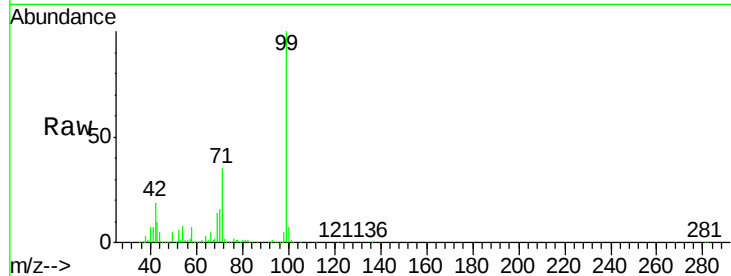
ClientSampleId :

FO-TANK-SIDEWALL-SOUTH

Tot Ion:	99	Resp:	982732
Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.7	22.1
71	35.5	27.6	41.4

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#21

Naphthalene-d8

Concen: 20.00 ng

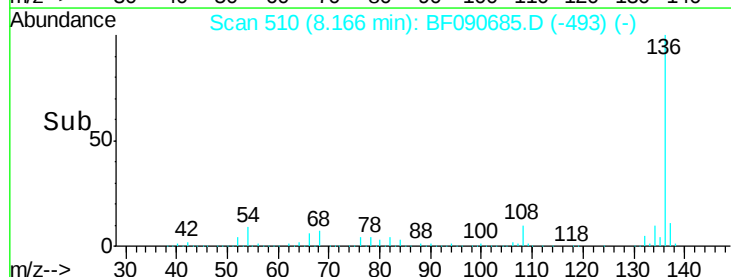
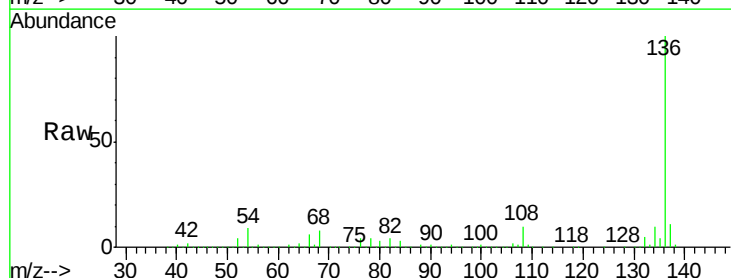
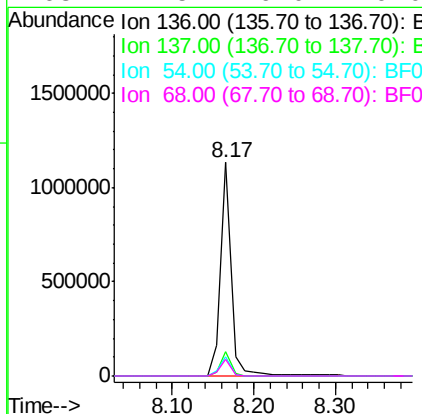
RT: 8.17 min Scan# 510

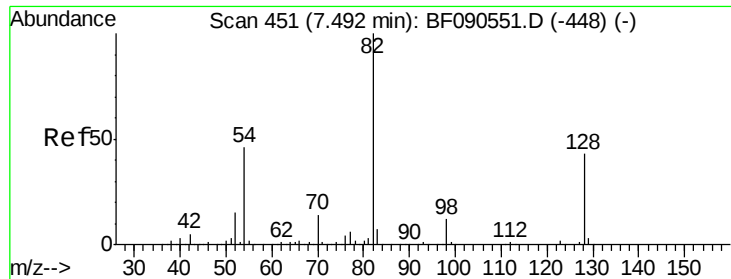
Delta R.T. -0.00 min

Lab File: BF090685.D

Acq: 20 Oct 2016 16:36

Tgt Ion:	136	Resp:	1036012
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.7	6.8	10.2
68	7.5	6.0	9.0





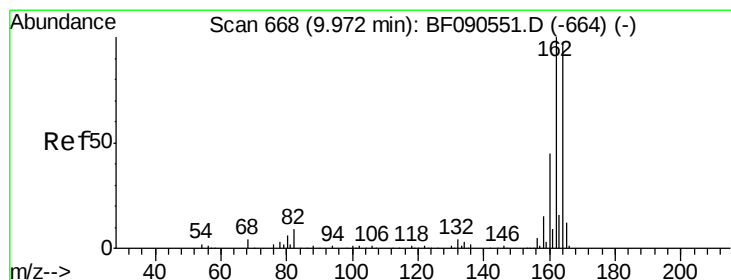
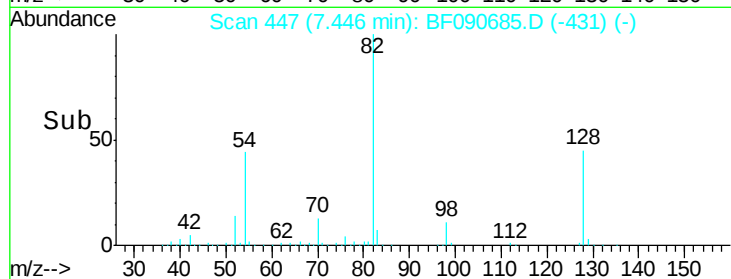
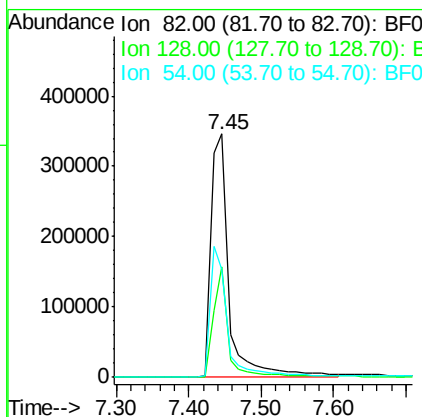
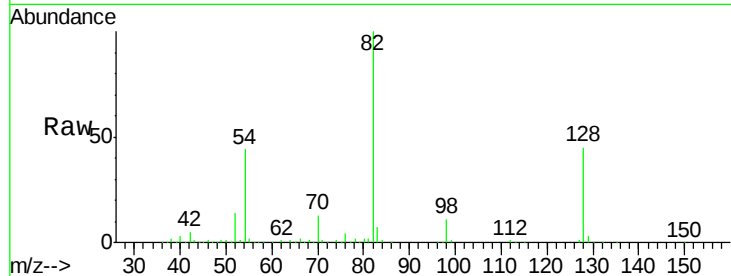
#23
 Nitrobenzene-d5
 Concen: 32.28 ng
 RT: 7.45 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF090685.D
 Acq: 20 Oct 2016 16:36

Instrument :
 BNA_F
 ClientSampleId :
 FO-TANK-SIDEWALL-SOUTH

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.3	51.5
54	44.5	37.0	55.6

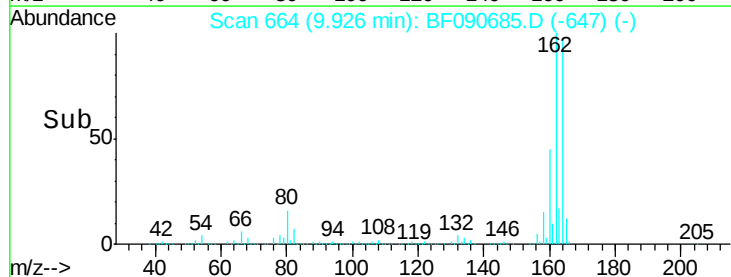
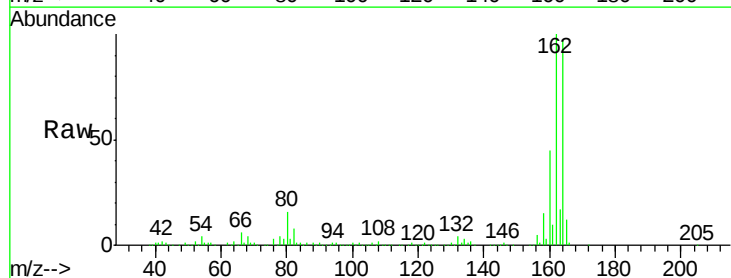
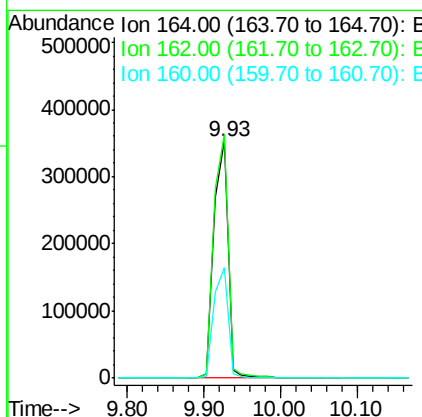
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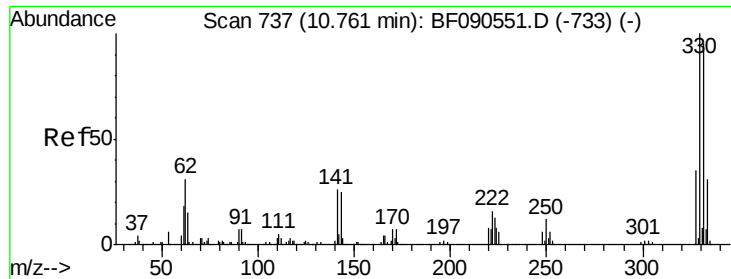
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF090685.D
 Acq: 20 Oct 2016 16:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.2	123.4
160	46.8	36.6	55.0





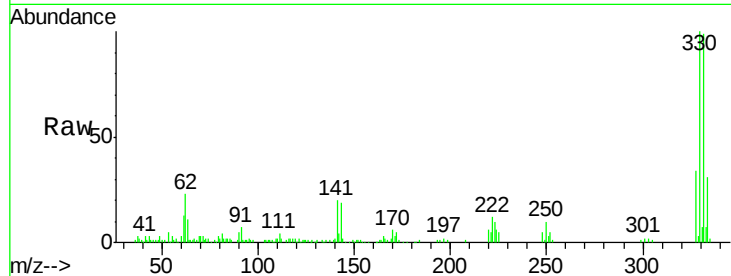
#41
 2,4,6-Tribromophenol
 Concen: 32.40 ng
 RT: 10.71 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BF090685.D
 Acq: 20 Oct 2016 16:36

Instrument :
 BNA_F
 ClientSampleId :
 FO-TANK-SIDEWALL-SOUTH

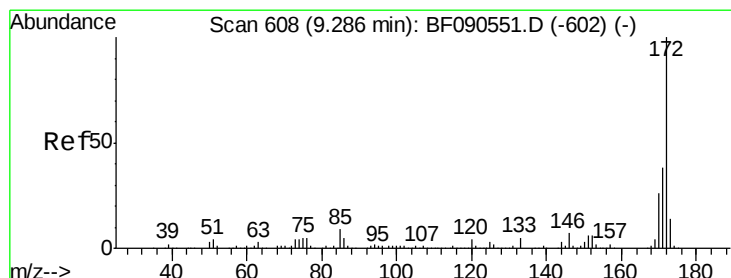
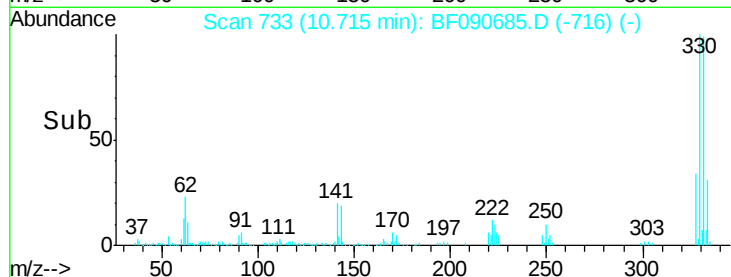
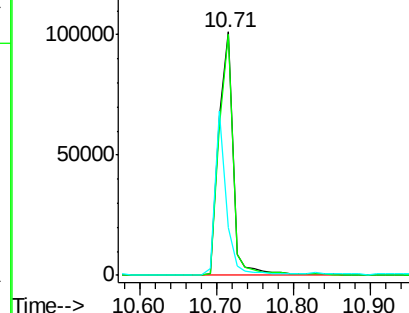
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	76.2	114.2	
141	54.4	31.4	47.2	

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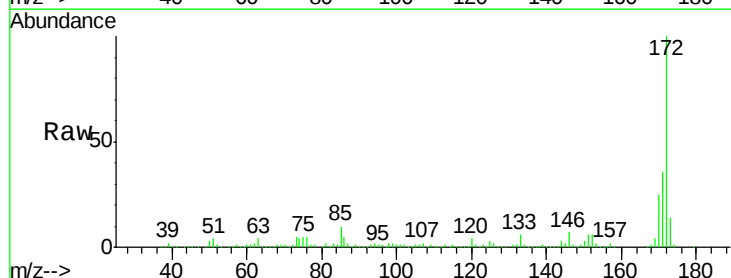


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

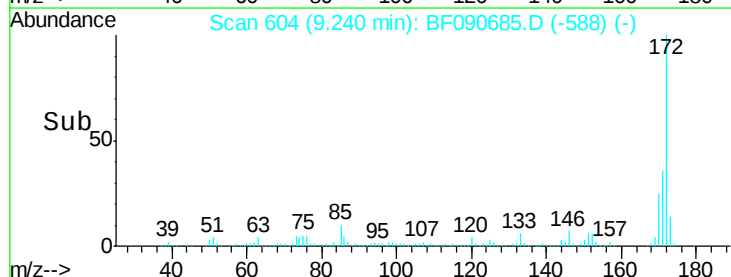
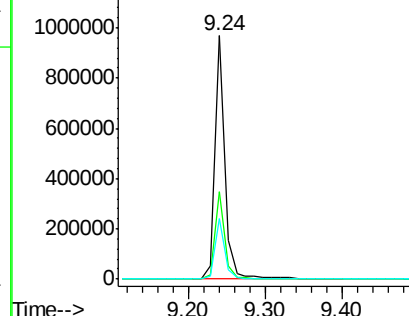


#44
 2-Fluorobiphenyl
 Concen: 31.55 ng
 RT: 9.24 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF090685.D
 Acq: 20 Oct 2016 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.0	30.1	45.1	
170	25.0	20.6	30.8	



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





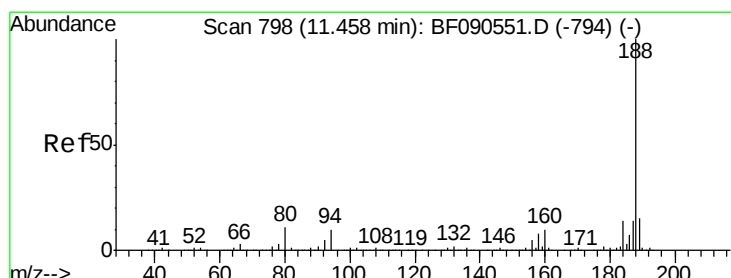
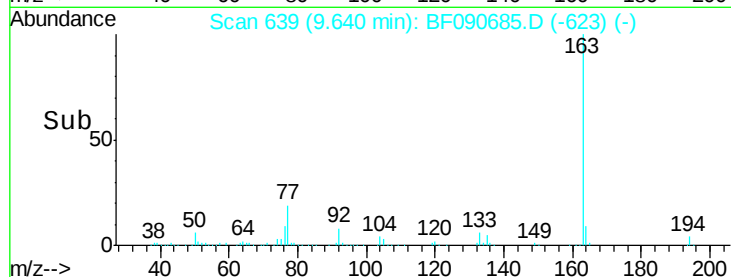
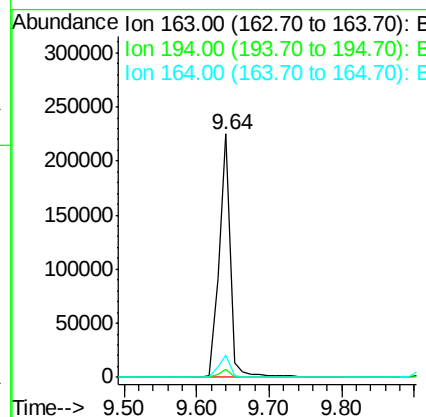
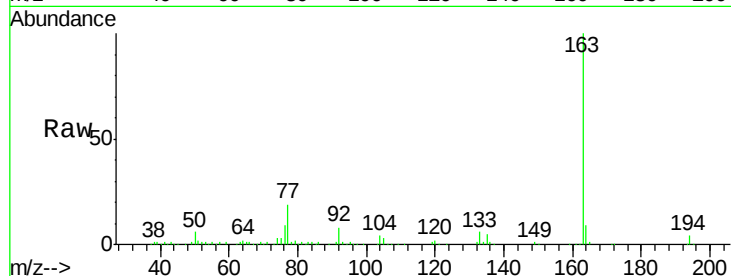
#49
Dimethylphthalate
Concen: 8.22 ng
RT: 9.64 min Scan# 639
Delta R.T. -0.01 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Instrument :
BNA_F
ClientSampleId :
FO-TANK-SIDEWALL-SOUTH

Tot Ion	Ratio	Resp	Lower	Upper
163	100	240742		
194	3.5	2.3	3.5#	
164	9.2	8.6	13.0	

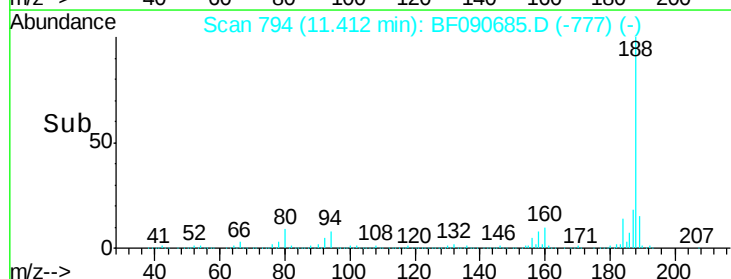
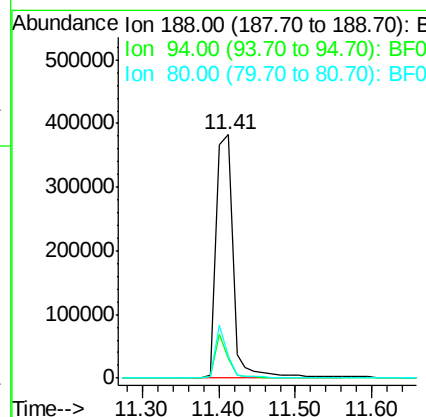
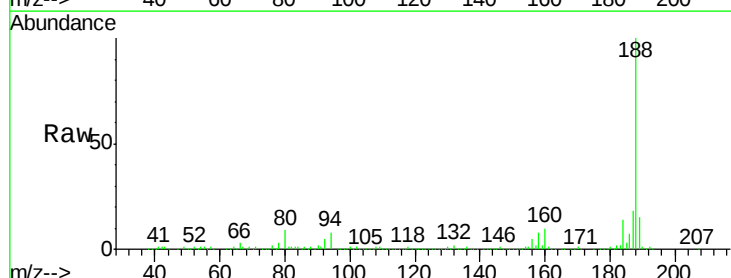
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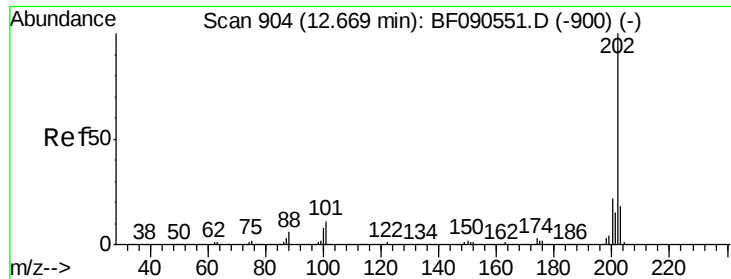
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	592126		
94	8.2	7.7	11.5	
80	9.3	8.6	12.8	





#74

Fluoranthene

Concen: 2.91 ng

RT: 12.61 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF090685.D

Acq: 20 Oct 2016 16:36

Instrument :

BNA_F

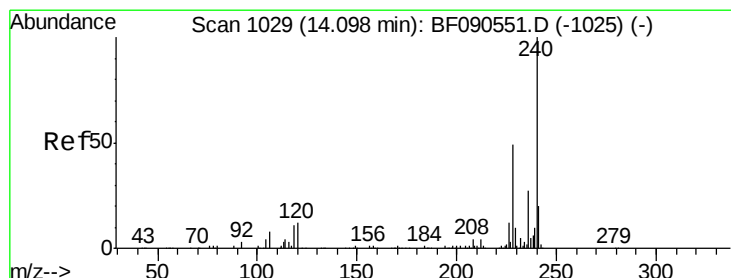
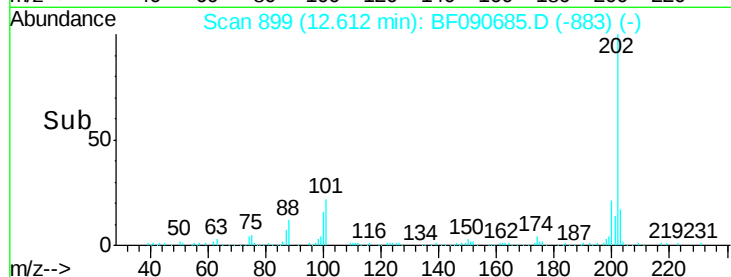
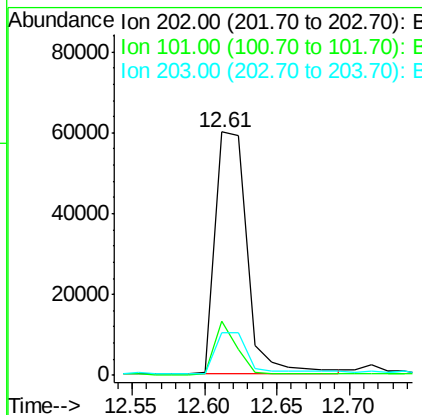
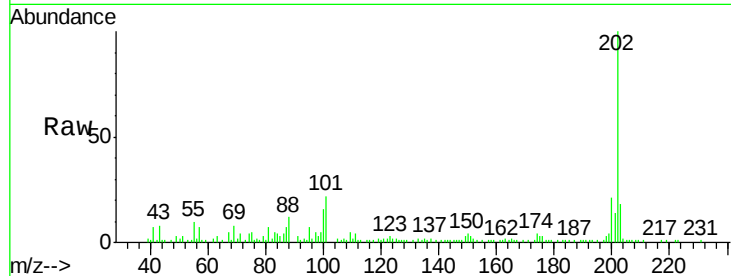
ClientSampleId :

FO-TANK-SIDEWALL-SOUTH

Tot Ion:	202	Resp:	92633
Ion Ratio	Lower	Upper	
202	100		
101	22.1	0.0	31.1
203	17.7	0.0	38.0

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#75

Chrysene-d12

Concen: 20.00 ng

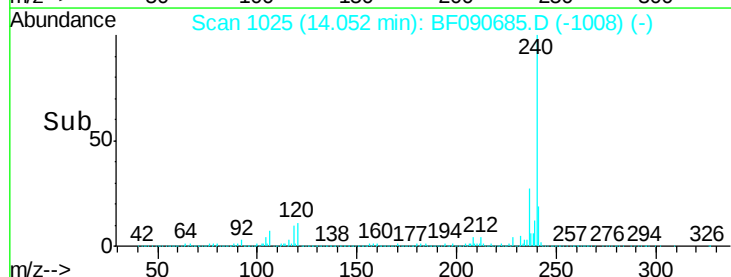
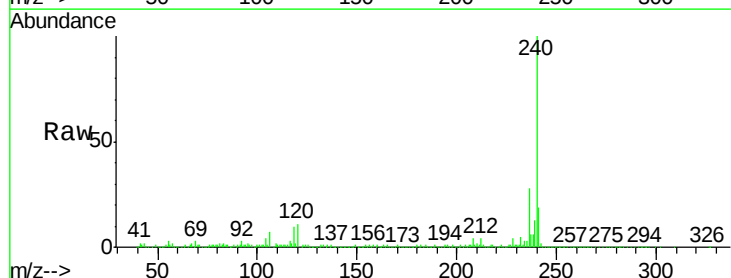
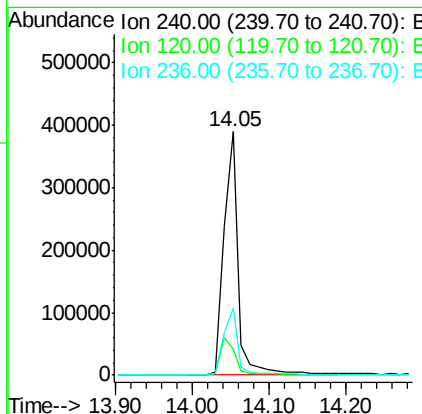
RT: 14.05 min Scan# 1025

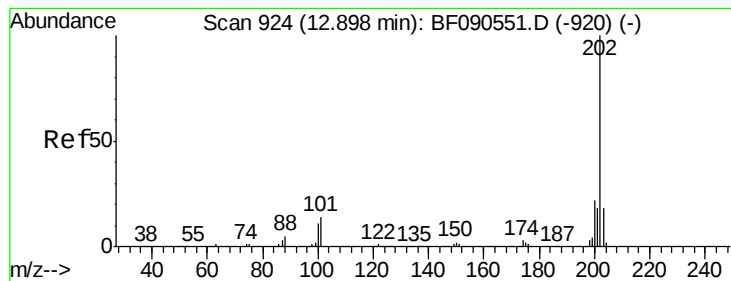
Delta R.T. -0.00 min

Lab File: BF090685.D

Acq: 20 Oct 2016 16:36

Tgt Ion:	240	Resp:	512862
Ion Ratio	Lower	Upper	
240	100		
120	10.8	9.8	14.8
236	27.5	21.7	32.5





#77

Pvrene

Concen: 2.53 ng

RT: 12.84 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF090685.D

Acq: 20 Oct 2016 16:36

Instrument :

BNA_F

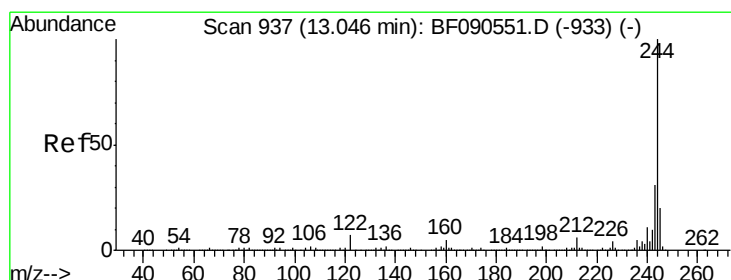
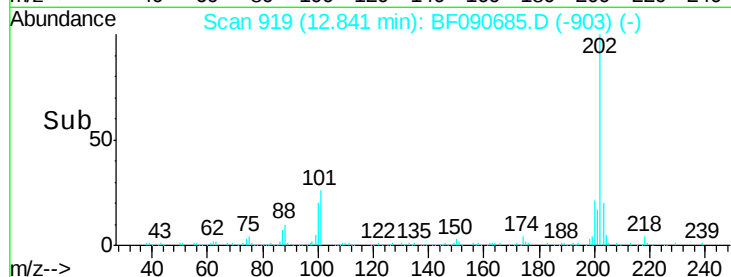
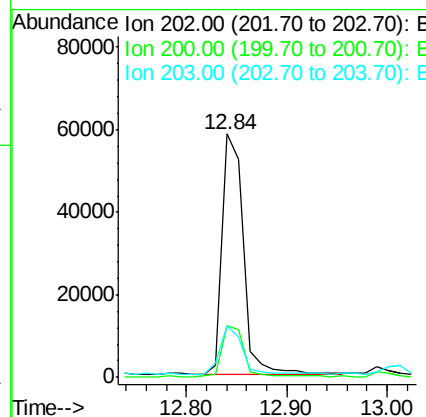
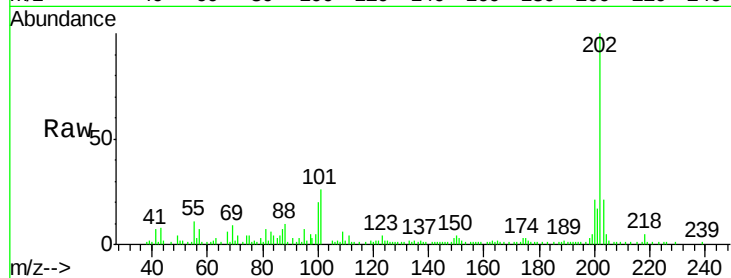
ClientSampleId :

FO-TANK-SIDEWALL-SOUTH

Tot Ion:	202	Resp:	86026
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.8	26.6
203	21.1	14.6	21.8

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#78

Terphenyl-d14

Concen: 23.42 ng

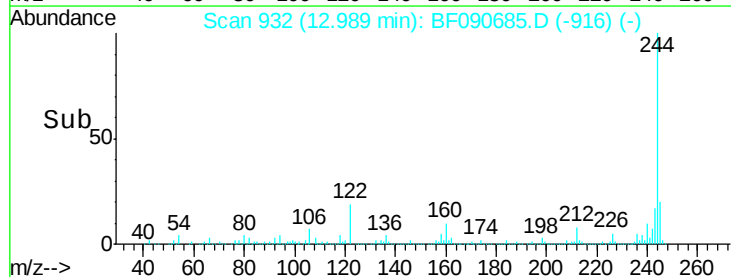
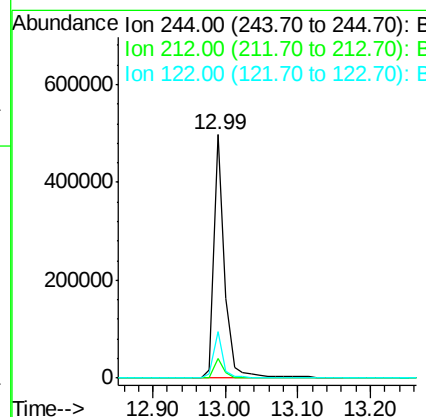
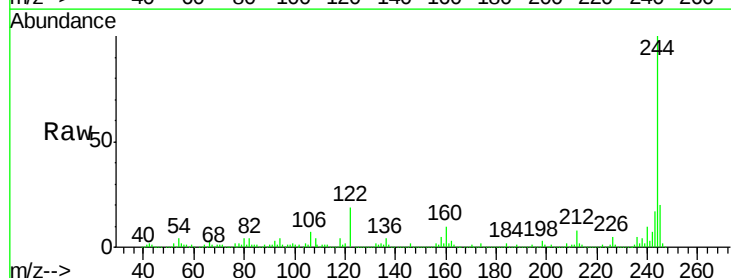
RT: 12.99 min Scan# 932

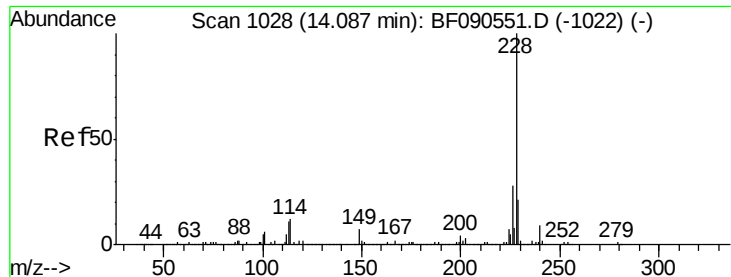
Delta R.T. -0.01 min

Lab File: BF090685.D

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Tgt Ion:	244	Resp:	515795
Ion Ratio	Lower	Upper	
244	100		
212	7.8	5.0	7.4#
122	19.0	5.6	8.4#





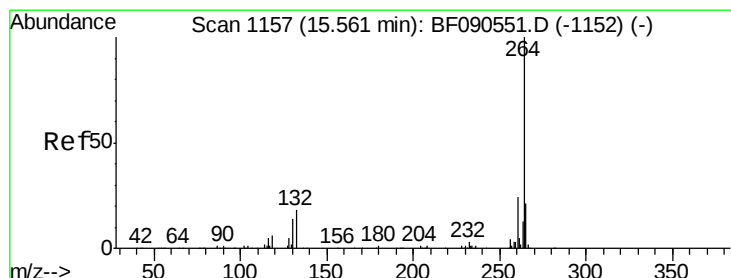
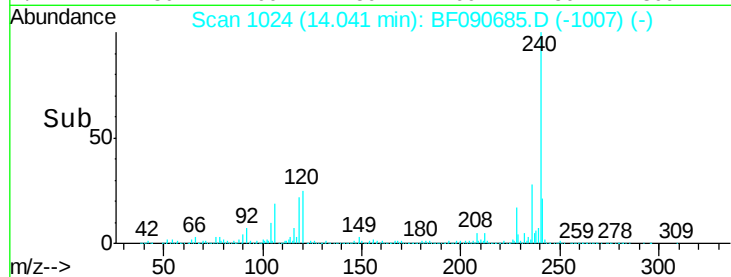
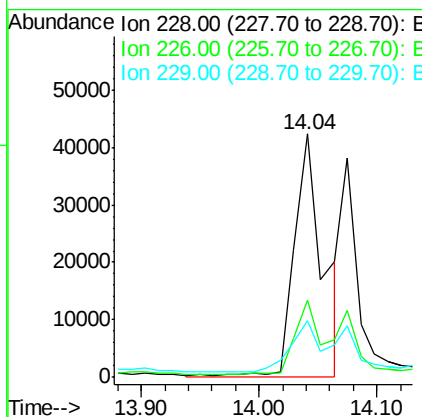
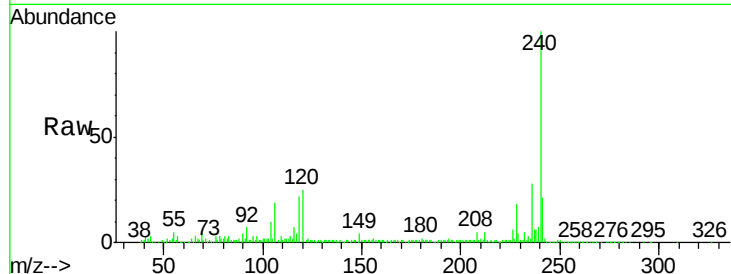
#80
Benzo(a)anthracene
Concen: 2.48 ng
RT: 14.04 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Instrument :
BNA_F
ClientSampleId :
FO-TANK-SIDEWALL-SOUTH

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	31.9	22.8	34.2		
229	23.4	16.6	25.0		

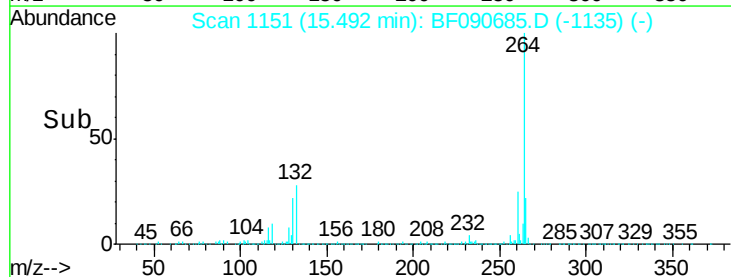
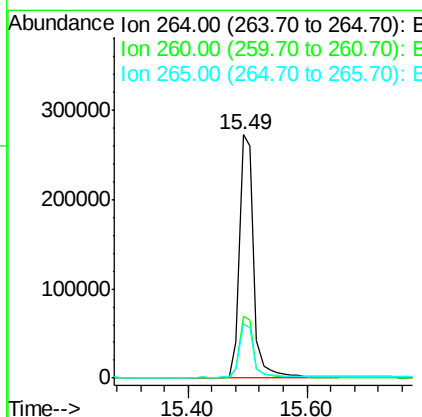
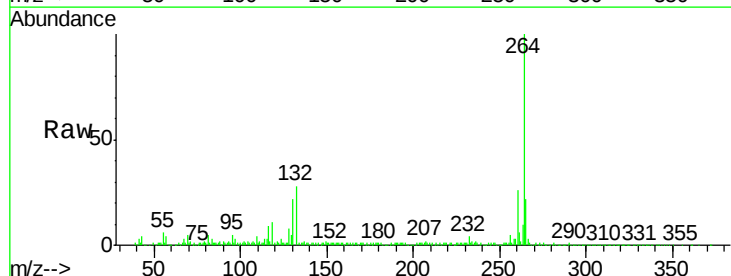
Manual Integrations
APPROVED

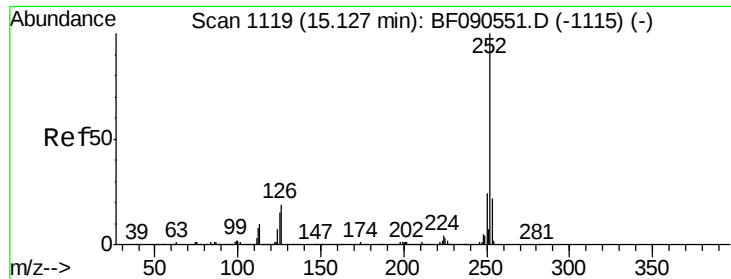
sohil
10/21/2016 6:58:33 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF090685.D
Acq: 20 Oct 2016 16:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	25.5	19.3	28.9		
265	22.2	16.7	25.1		





#87
 Benzo(b)fluoranthene
 Concen: 2.46 ng m
 RT: 15.08 min Scan# 1115
 Delta R.T. -0.00 min
 Lab File: BF090685.D
 Acq: 20 Oct 2016 16:36

Instrument :
 BNA_F
 ClientSampleId :
 FO-TANK-SIDEWALL-SOUTH

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.8	26.8#
125	21.4	12.0	18.0#

Manual Integrations
 APPROVED

sohil
 10/21/2016 6:58:33 PM

