

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061217\
 Data File : BF095890.D
 Acq On : 13 Jun 2017 00:58
 Operator : SJ/MA
 Sample : I3591-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q11-ESW

Manual Integrations
 APPROVED

mohammad
 6/13/2017 4:10:57 PM

Quant Time: Jun 13 07:04:51 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	67790	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	290474	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	136858	20.00	ng	-0.05
63) Phenanthrene-d10	14.60	188	255599	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	185170	20.00	ng	-0.04
86) Perylene-d12	19.99	264	134904	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	410236	96.43	ng	-0.04
7) Phenol-d6	6.91	99	539389	105.91	ng	-0.05
23) Nitrobenzene-d5	8.27	82	340381	72.78	ng	-0.05
41) 2,4,6-Tribromophenol	13.50	330	103450	85.43	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	677583	68.90	ng	-0.05
78) Terphenyl-d14	16.97	244	554371	74.30	ng	-0.04
Target Compounds						Qvalue
49) Dimethylphthalate	11.86	163	90755	8.734	ng	99
77) Pyrene	16.73	202	30182	2.184	ng	97
87) Benzo(b)fluoranthene	19.60	252	17659m	2.091	ng	
89) Benzo(a)pyrene	19.94	252	15811	2.036	ng	# 94
91) Benzo(g,h,i)perylene	21.51	276	20267	3.018	ng	96

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

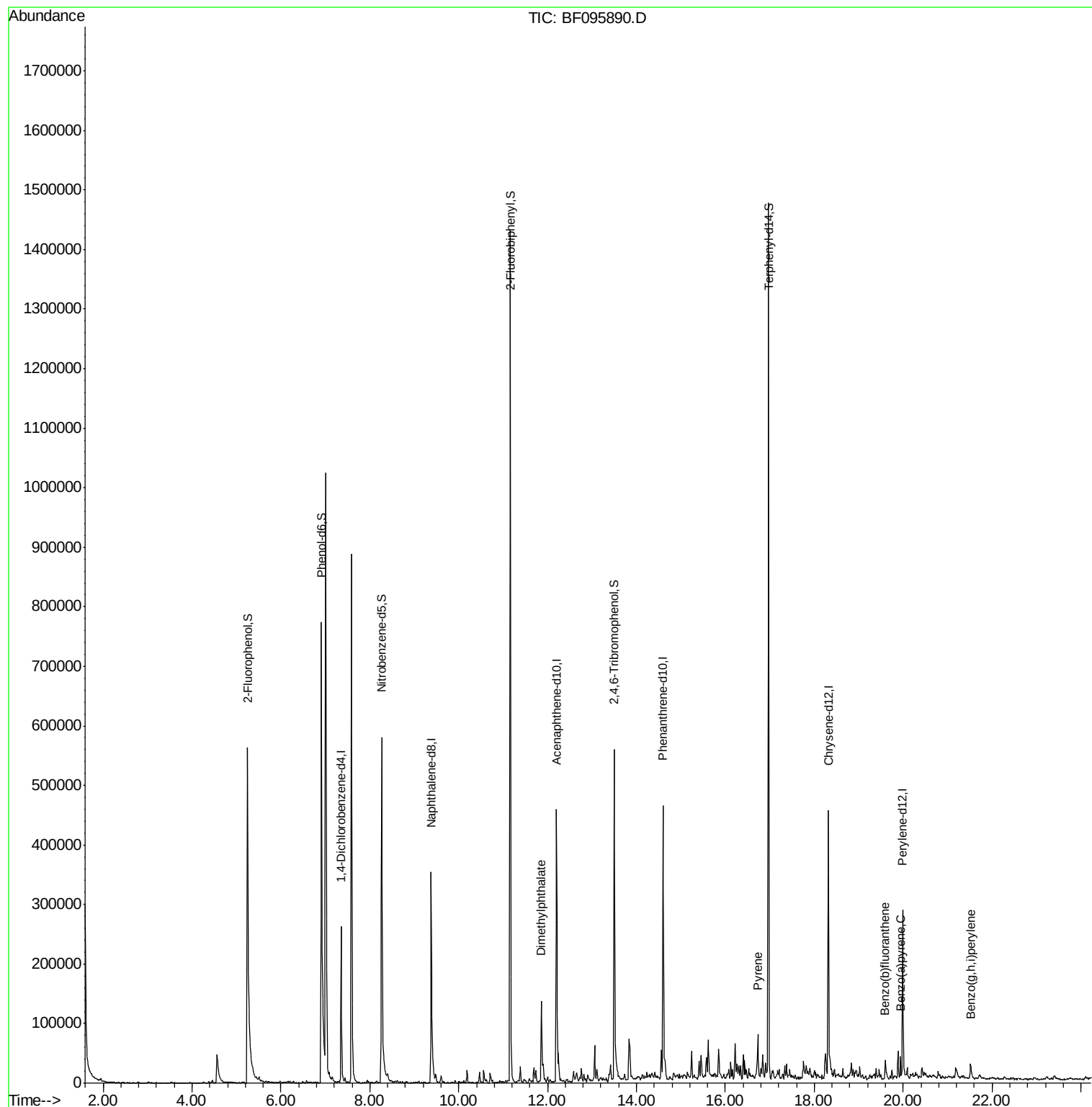
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061217\
Data File : BF095890.D
Acq On : 13 Jun 2017 00:58
Operator : SJ/MA
Sample : I3591-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

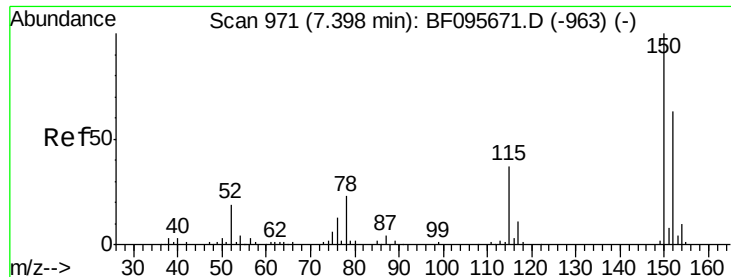
Instrument :
BNA_F
ClientSampleId :
E2-Q11-ESW

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Quant Time: Jun 13 07:04:51 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration





#1

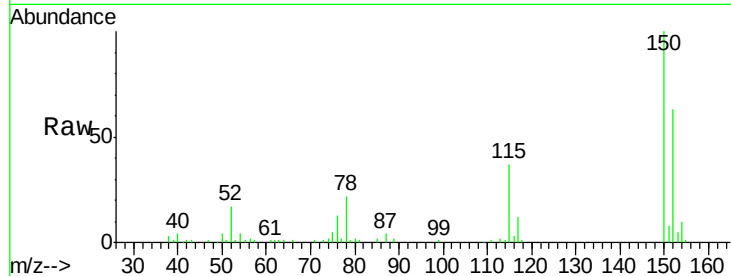
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095890.D
Acq: 13 Jun 2017 00:58

Instrument :
BNA_F
ClientSampleId :
E2-Q11-ESW

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.2	189.2
115	58.9	52.2	78.2

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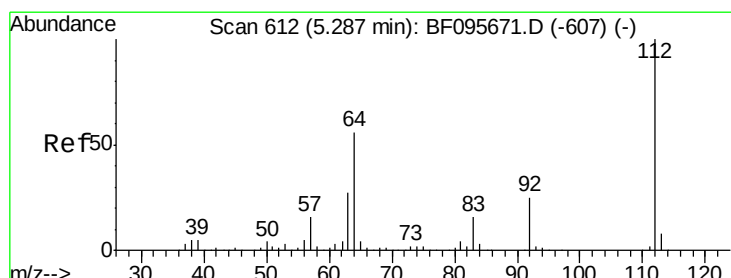
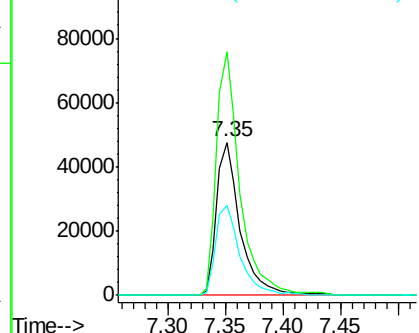
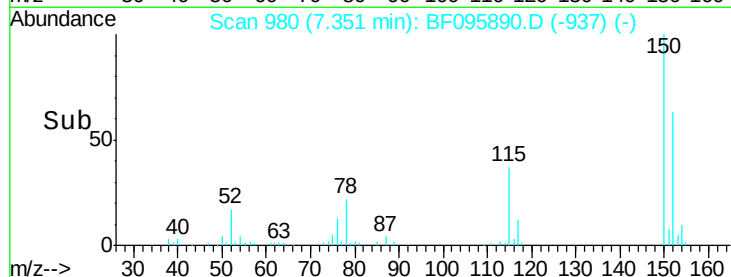


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

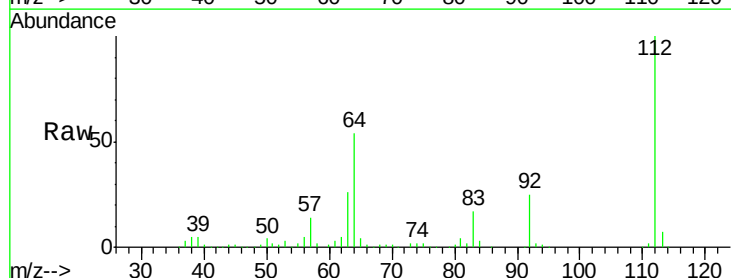
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 96.429 ng
RT: 5.25 min Scan# 622
Delta R.T. -0.04 min
Lab File: BF095890.D
Acq: 13 Jun 2017 00:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	46.0	69.0
63	26.3	23.4	35.0

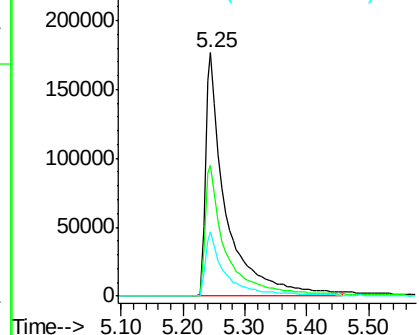
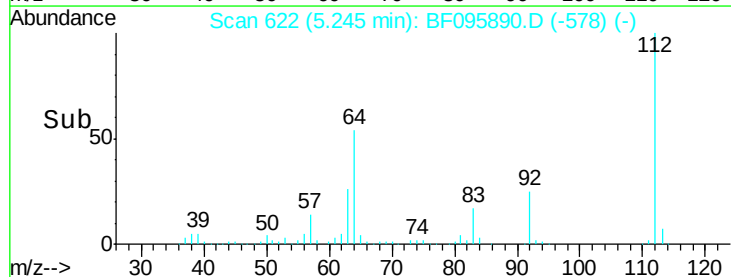


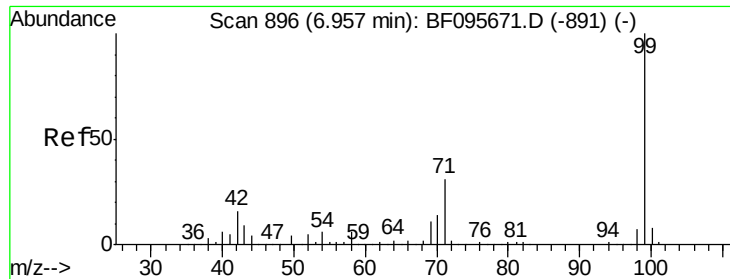
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.906 ng

RT: 6.91 min Scan# 905

Delta R.T. -0.05 min

Lab File: BF095890.D

Acq: 13 Jun 2017 00:58

Instrument :

BNA_F

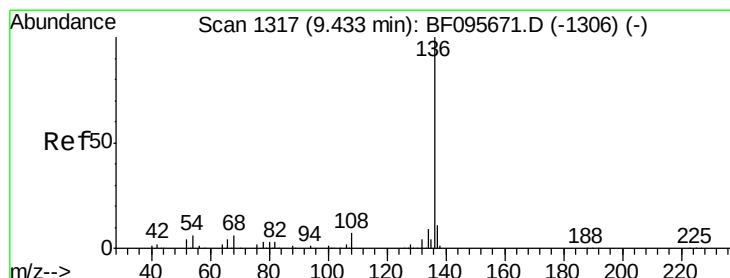
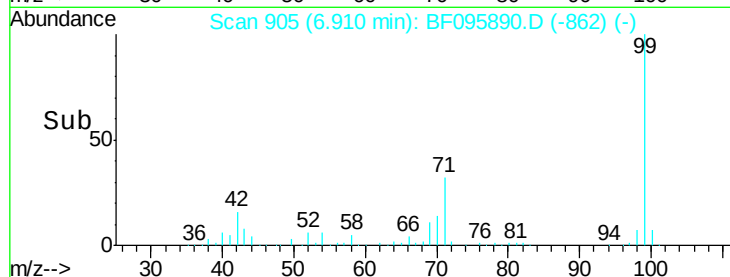
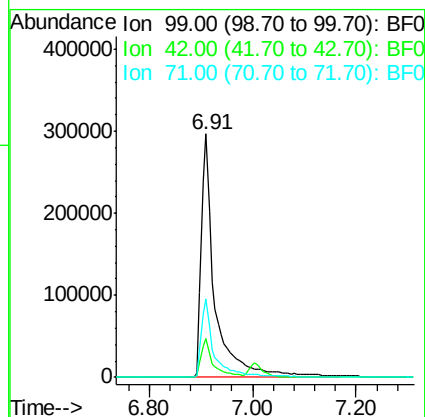
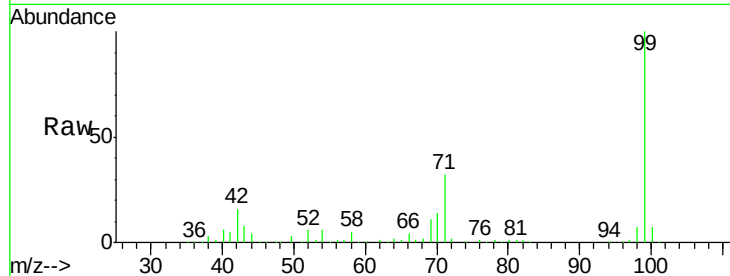
ClientSampleId :

E2-Q11-ESW

Tgt Ion:	99	Resp:	539389
Ion Ratio	Lower	Upper	
99	100		
42	15.7	13.5	20.3
71	32.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

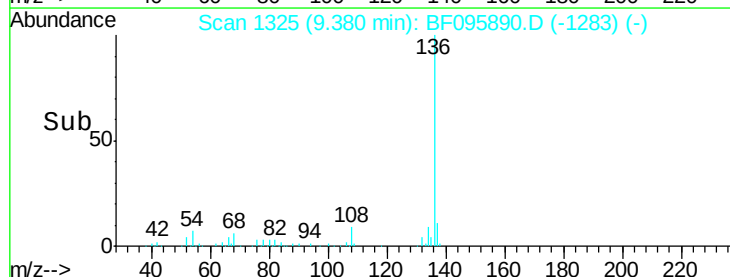
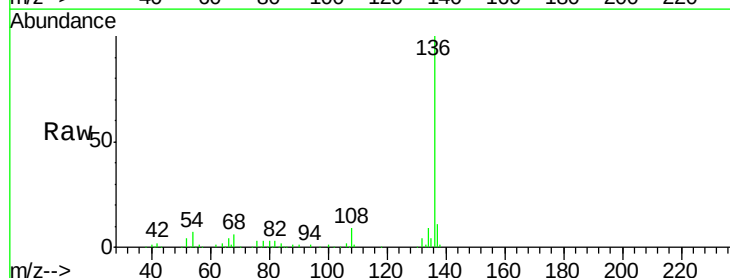
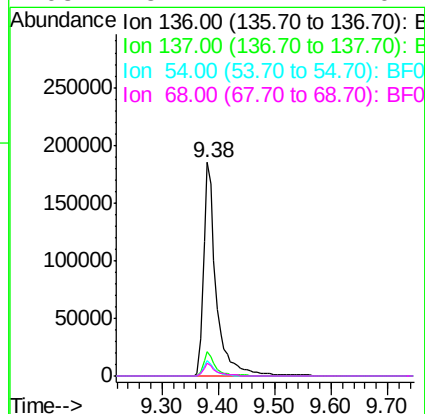
RT: 9.38 min Scan# 1325

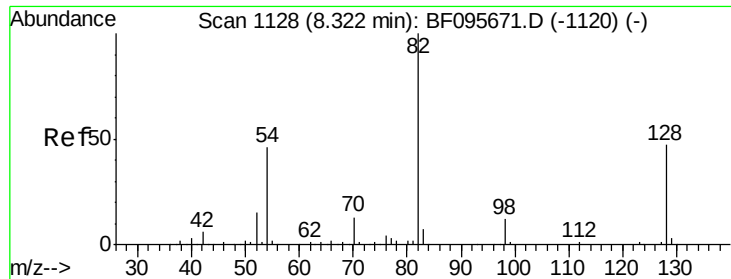
Delta R.T. -0.05 min

Lab File: BF095890.D

Acq: 13 Jun 2017 00:58

Tgt Ion:	136	Resp:	290474
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	7.4	4.9	7.3#
68	5.7	4.1	6.1





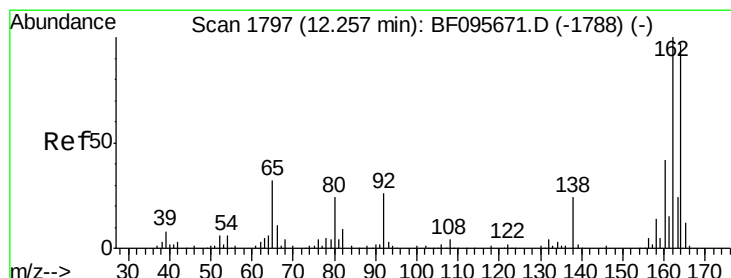
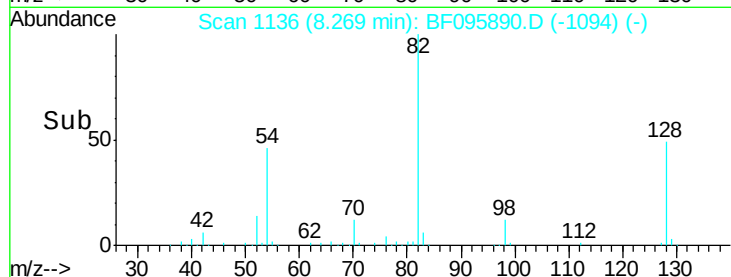
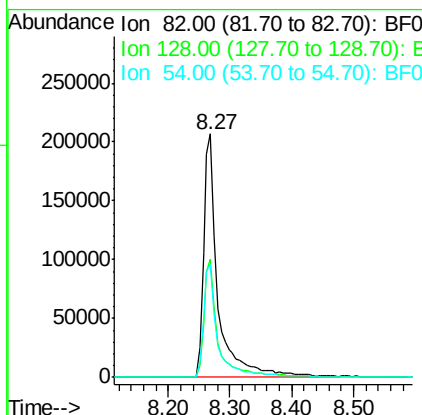
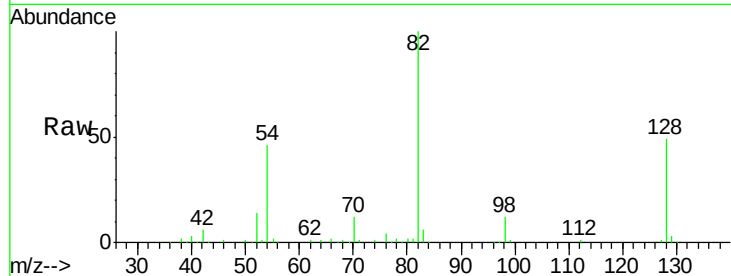
#23
 Nitrobenzene-d5
 Concen: 72.775 ng
 RT: 8.27 min Scan# 1136
 Delta R.T. -0.05 min
 Lab File: BF095890.D
 Acq: 13 Jun 2017 00:58

Instrument :
 BNA_F
 ClientSampled :
 E2-Q11-ESW

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	340381		
128	48.8	34.0	51.0	
54	46.3	42.2	63.2	

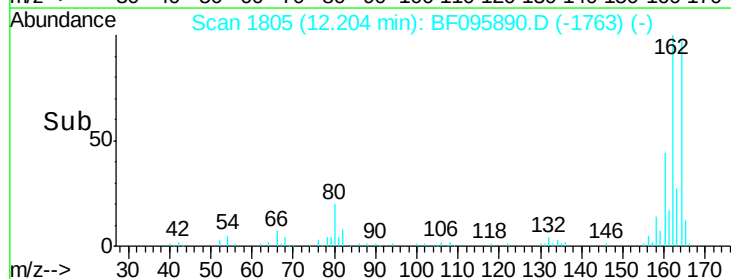
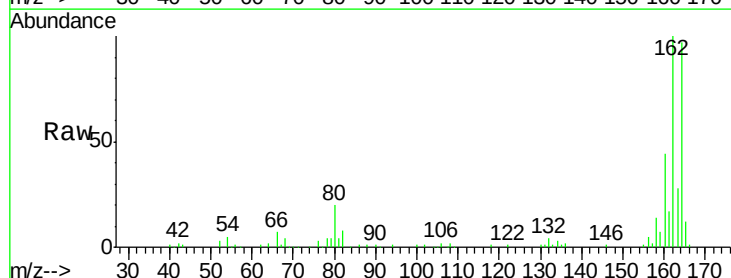
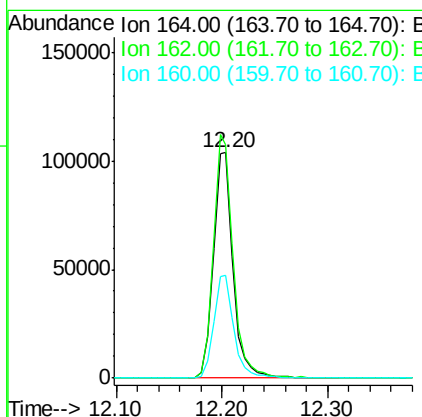
Manual Integrations
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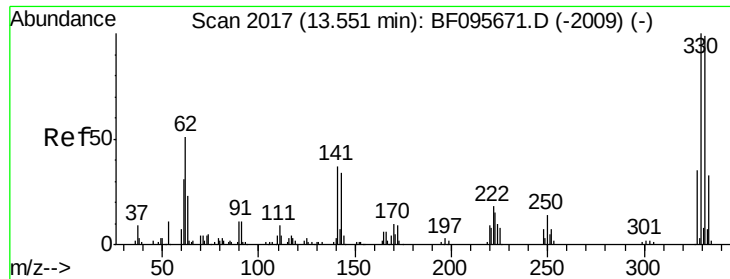
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.20 min Scan# 1805
 Delta R.T. -0.05 min
 Lab File: BF095890.D
 Acq: 13 Jun 2017 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	136858		
162	103.2	82.6	123.8	
160	45.8	36.2	54.2	





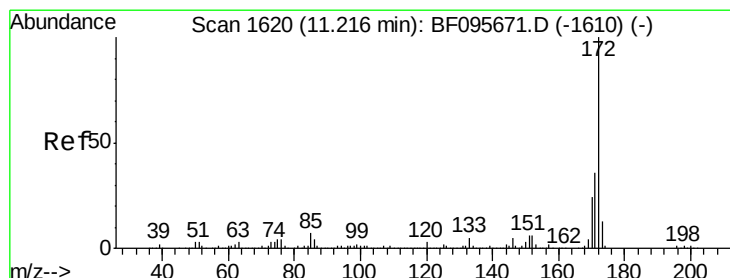
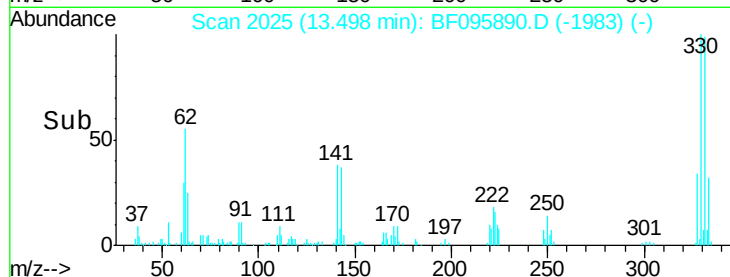
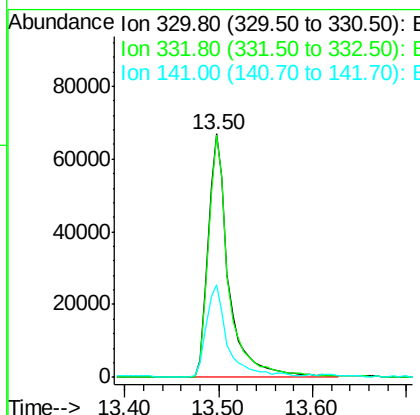
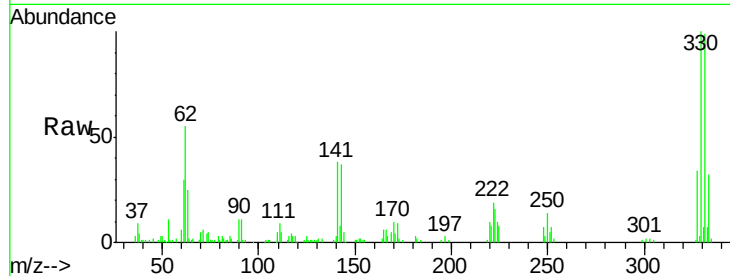
#41
 2,4,6-Tribromophenol
 Concen: 85.434 ng
 RT: 13.50 min Scan# 2025
 Delta R.T. -0.05 min
 Lab File: BF095890.D
 Acq: 13 Jun 2017 00:58

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q11-ESW

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	103450		
332	98.7	76.6	115.0	
141	39.6	31.4	47.2	

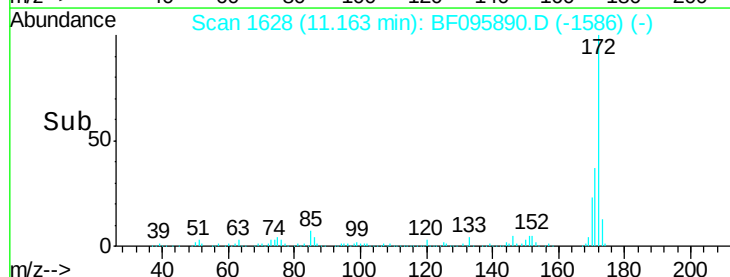
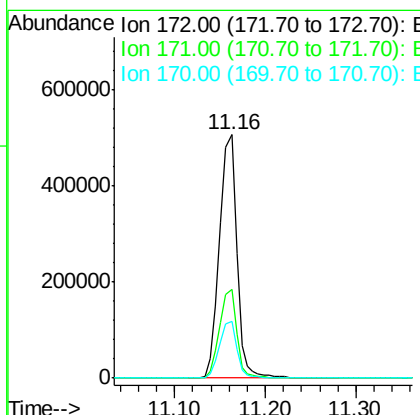
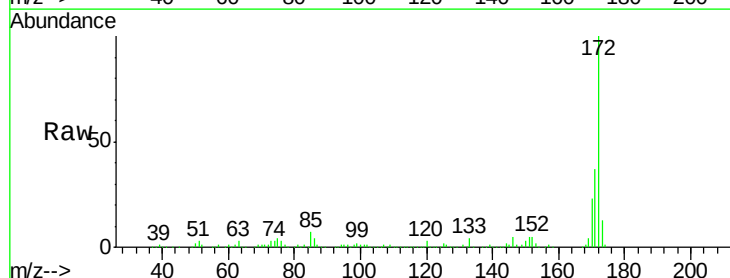
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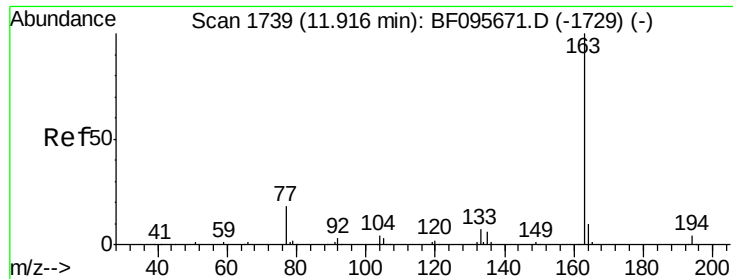
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#44
 2-Fluorobiphenyl
 Concen: 68.897 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095890.D
 Acq: 13 Jun 2017 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	677583		
171	36.5	29.6	44.4	
170	23.3	19.8	29.8	





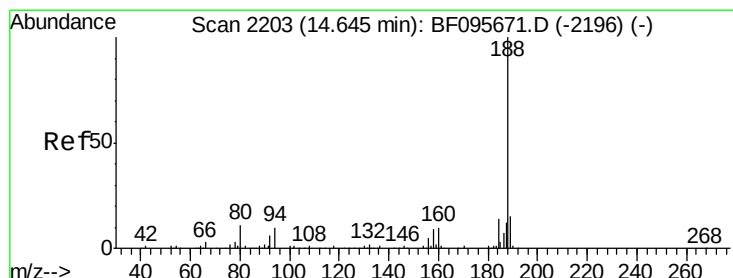
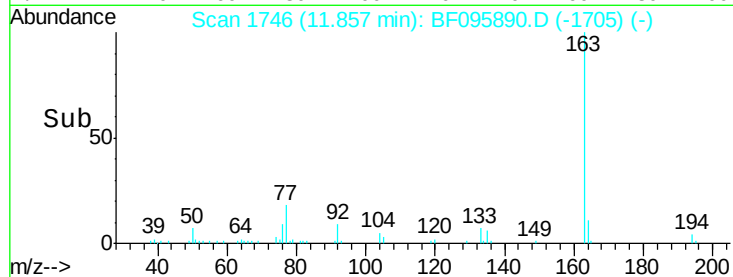
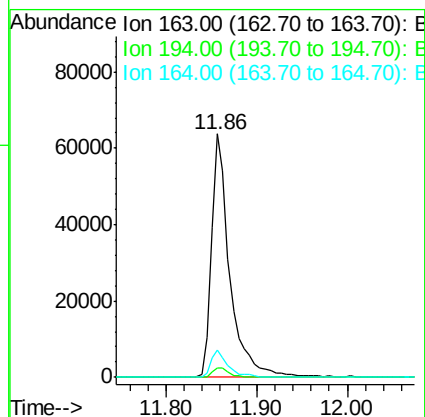
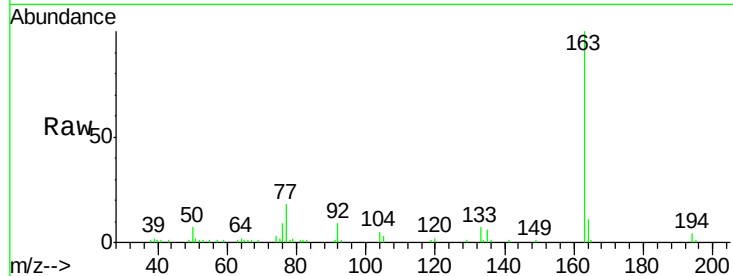
#49
Dimethylphthalate
Concen: 8.734 ng
RT: 11.86 min Scan# 1746
Delta R.T. -0.06 min
Lab File: BF095890.D
Acq: 13 Jun 2017 00:58

Instrument :
BNA_F
ClientSampleId :
E2-Q11-ESW

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	11.0	8.4	12.6

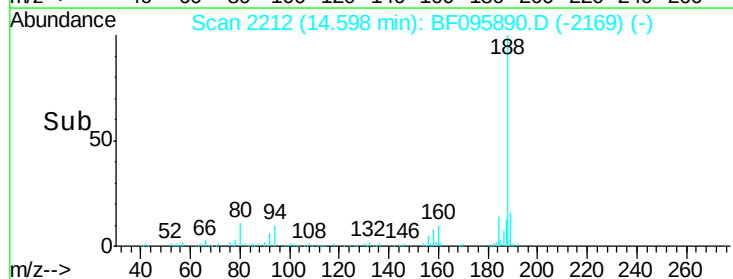
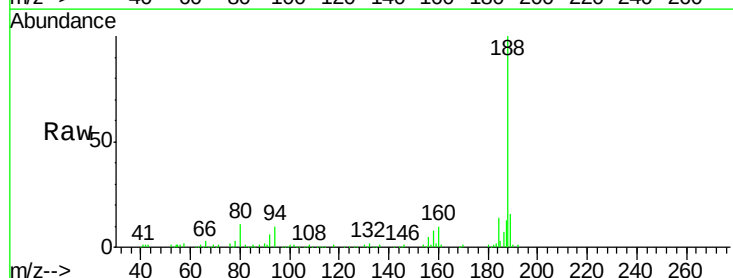
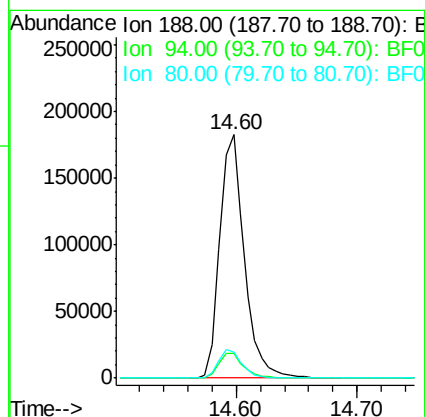
Manual Integrations
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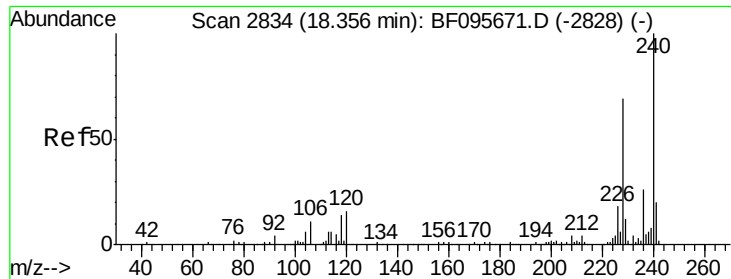
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095890.D
Acq: 13 Jun 2017 00:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.4	14.2
80	10.8	10.2	15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 18.32 min Scan# 2844

Delta R.T. -0.04 min

Lab File: BF095890.D

Acq: 13 Jun 2017 00:58

Instrument :

BNA_F

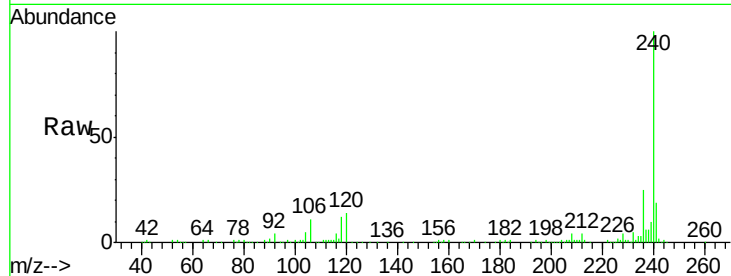
ClientSampleId :

E2-Q11-ESW

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.1	5.8	8.8#
236	25.3	20.5	30.7

Manual Integrations
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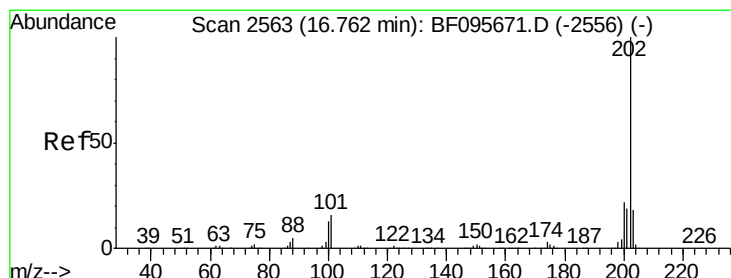
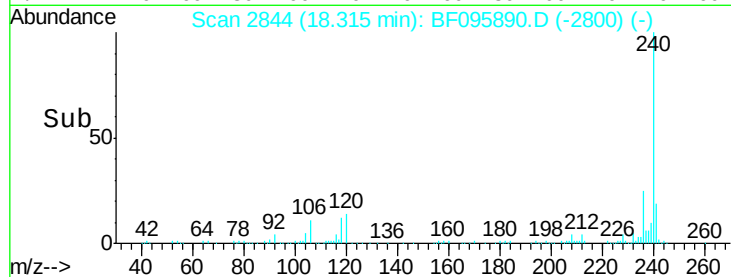
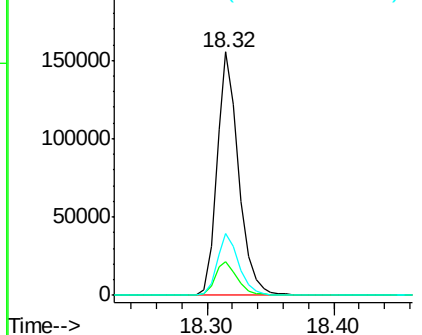
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 2.184 ng

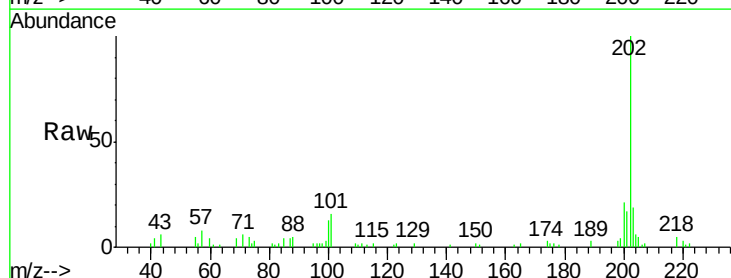
RT: 16.73 min Scan# 2574

Delta R.T. -0.04 min

Lab File: BF095890.D

Acq: 13 Jun 2017 00:58

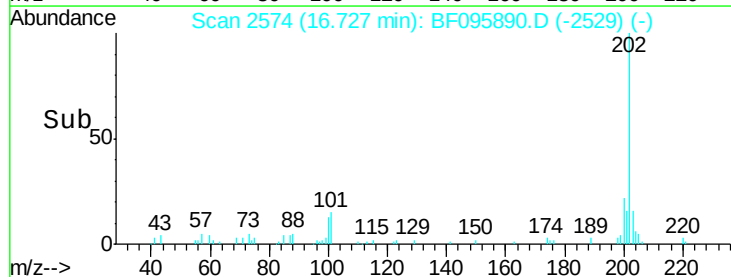
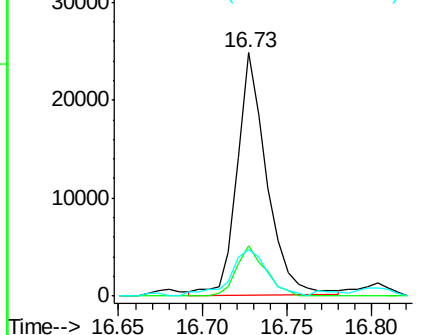
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	19.1	14.4	21.6

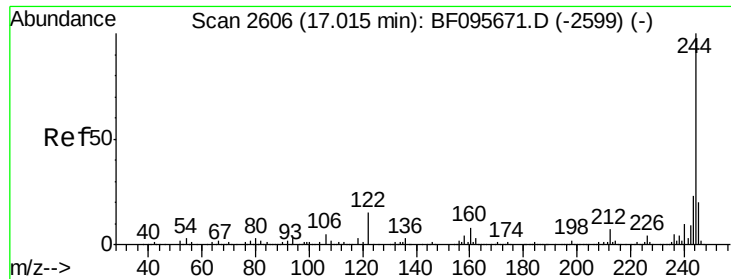


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





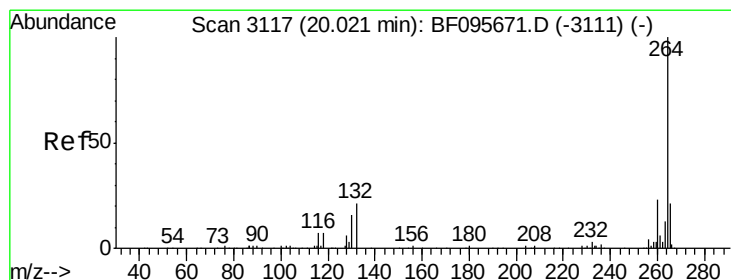
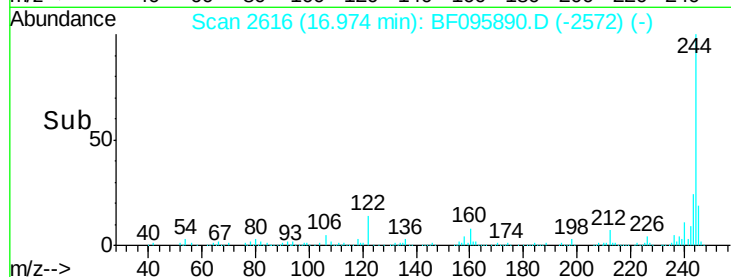
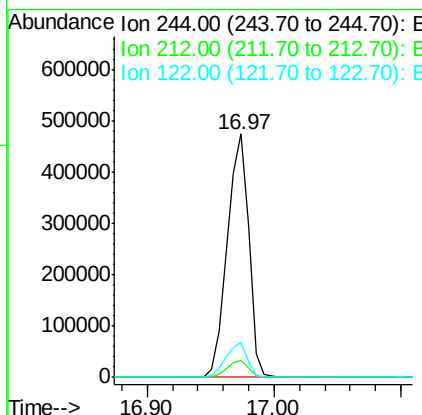
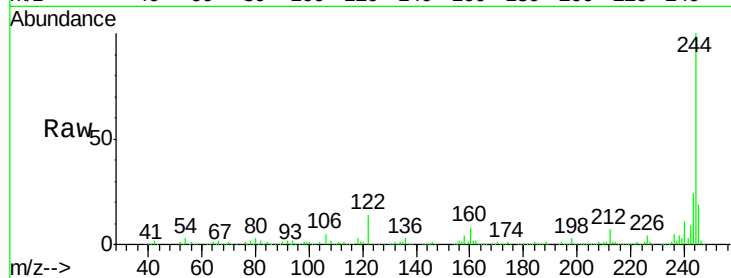
#78
 Terphenyl-d14
 Concen: 74.299 ng
 RT: 16.97 min Scan# 2616
 Delta R.T. -0.04 min
 Lab File: BF095890.D
 Acq: 13 Jun 2017 00:58

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q11-ESW

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	554371		
212	7.2	6.0	9.0	
122	14.3	10.3	15.5	

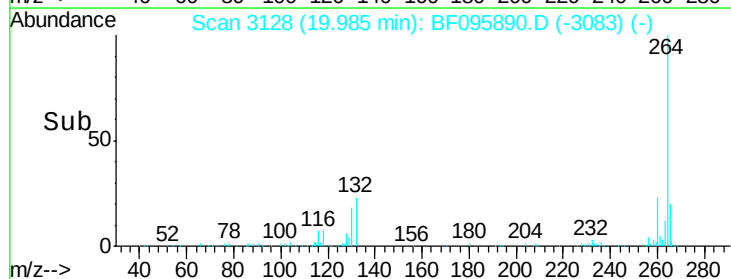
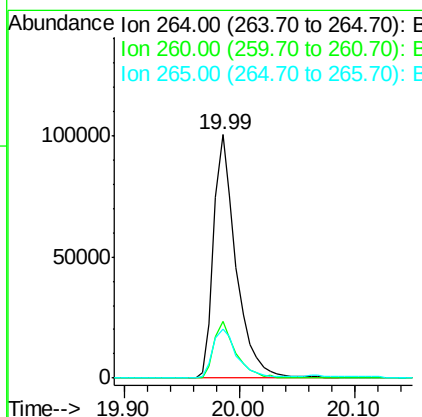
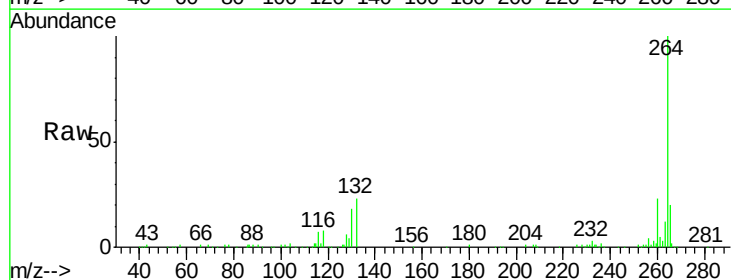
Manual Integrations
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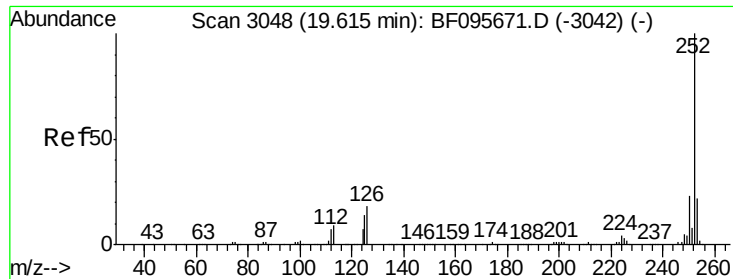
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 19.99 min Scan# 3128
 Delta R.T. -0.04 min
 Lab File: BF095890.D
 Acq: 13 Jun 2017 00:58

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	134904		
260	23.2	19.5	29.3	
265	20.2	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 2.091 ng m

RT: 19.60 min Scan# 3062

Delta R.T. -0.02 min

Lab File: BF095890.D

Acq: 13 Jun 2017 00:58

Instrument :

BNA_F

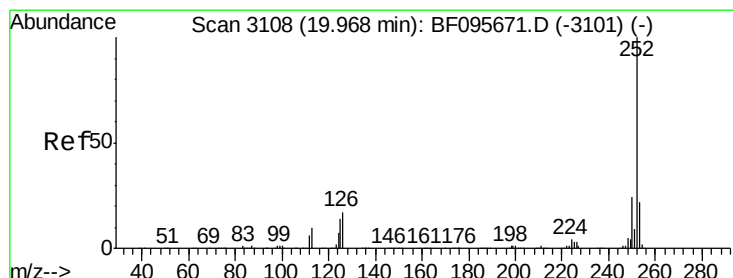
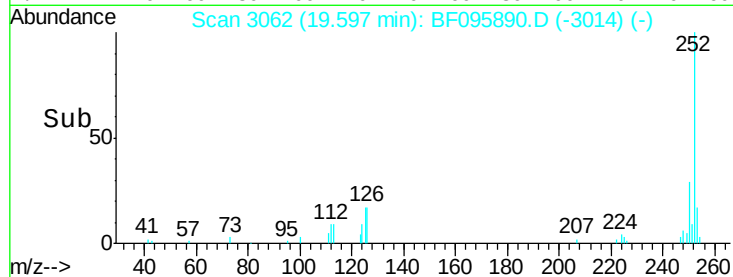
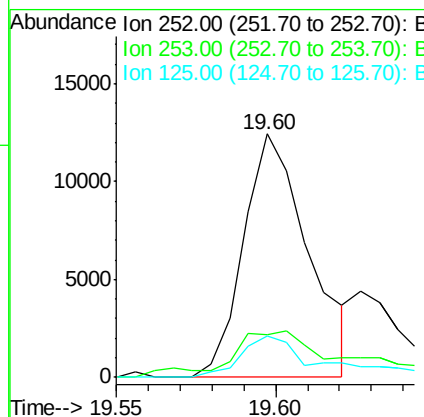
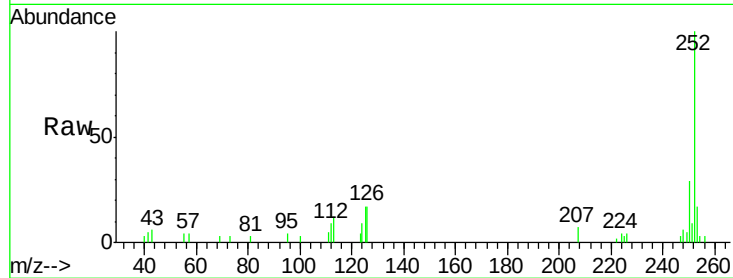
ClientSampleId :

E2-Q11-ESW

Tgt Ion:	252	Resp:	17659
Ion Ratio	Lower	Upper	
252	100		
253	17.4	18.1	27.1#
125	17.3	9.8	14.8#

Manual Integrations
APPROVED

mohammad
6/13/2017 4:10:57 PM



#89

Benzo(a)pyrene

Concen: 2.036 ng

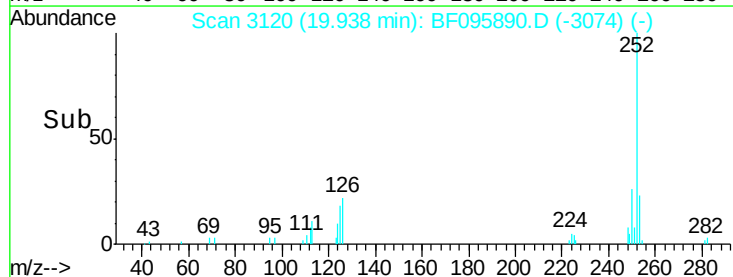
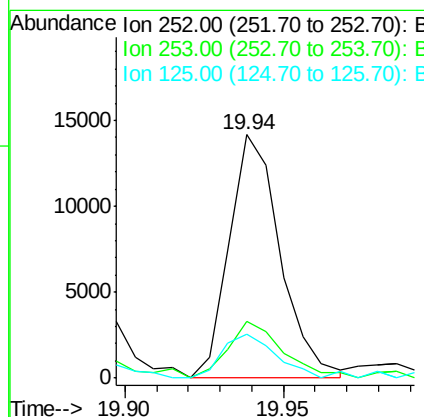
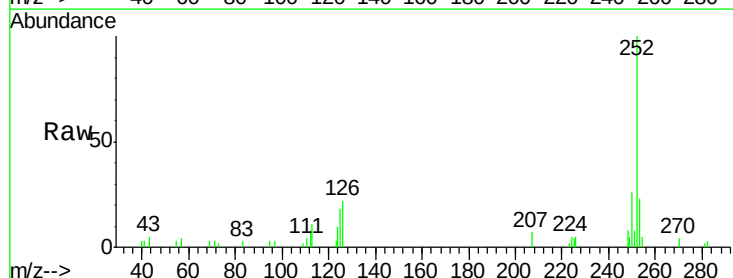
RT: 19.94 min Scan# 3120

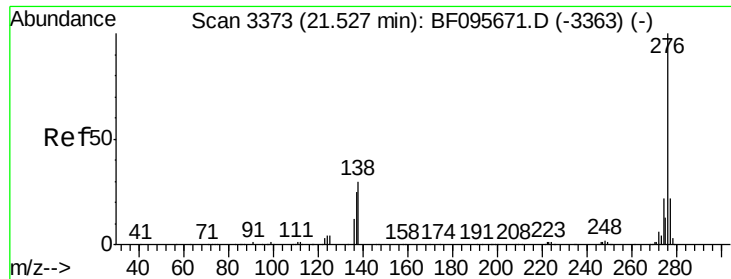
Delta R.T. -0.03 min

Lab File: BF095890.D

Acq: 13 Jun 2017 00:58

Tgt Ion:	252	Resp:	15811
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.5	26.3
125	18.1	11.0	16.4#





#91
 Benzo(g,h,i)perylene
 Concen: 3.018 ng
 RT: 21.51 min Scan# 3388
 Delta R.T. -0.01 min
 Lab File: BF095890.D
 Acq: 13 Jun 2017 00:58

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q11-ESW

Tgt Ion:	276	Resp:	20267
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.6	28.0
138	35.3	25.4	38.0

Manual Integrations
 APPROVED

mohammad
 6/13/2017 4:10:57 PM

