

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
 Data File : BF088092.D
 Acq On : 17 Jun 2016 13:37
 Operator : UM/SJ
 Sample : H3510-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916

Manual Integrations
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Quant Time: Jun 17 17:14:12 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 17 16:09:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	122405	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	488648	20.00	ng	-0.01
38) Acenaphthene-d10	9.72	164	147067	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	396860	20.00	ng	0.00
75) Chrysene-d12	13.84	240	154947	20.00	ng	-0.01
86) Perylene-d12	15.22	264	5313	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	708750	98.99	ng	0.02
7) Phenol-d6	6.35	99	718469	82.80	ng	0.00
23) Nitrobenzene-d5	7.27	82	603447	72.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	255142	164.30	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1020173	110.64	ng	-0.01
78) Terphenyl-d14	12.80	244	800783	117.60	ng	0.00
Target Compounds						Qvalue
87) Benzo(b)fluoranthene	14.85	252	6768m	18.28	ng	
88) Benzo(k)fluoranthene	14.87	252	3367m	12.05	ng	
90) Dibenzo(a,h)anthracene	16.55	278	3427	12.32	ng	97

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

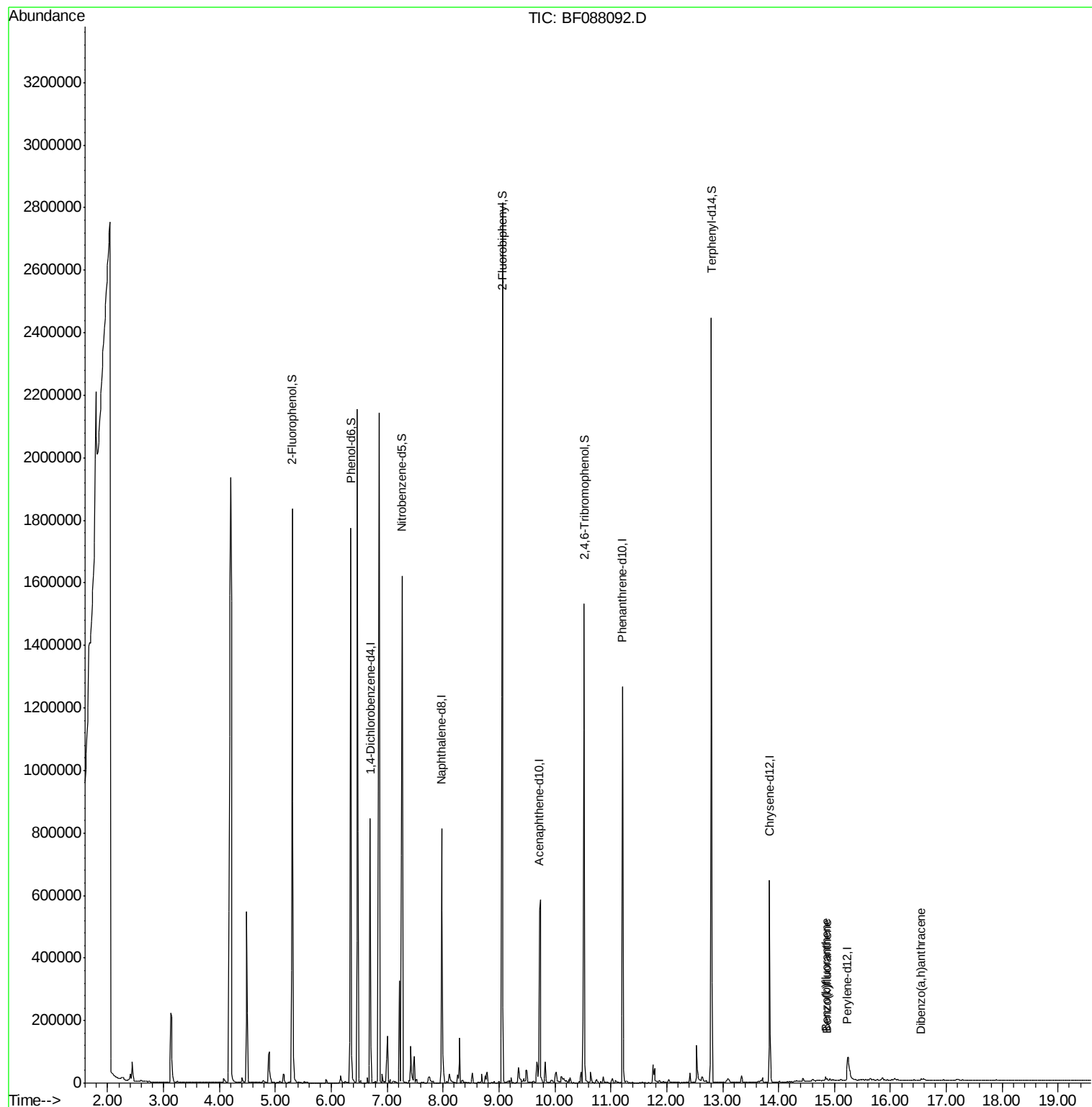
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\
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Acq On : 17 Jun 2016 13:37
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Sample : H3510-01
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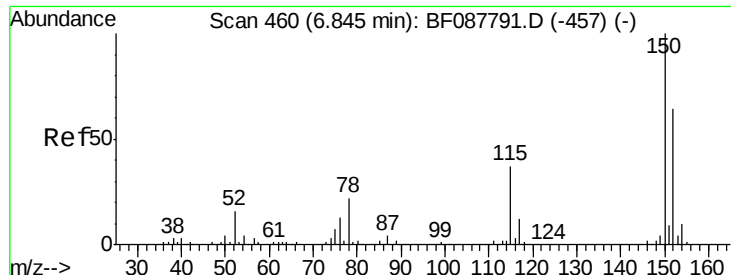
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#1

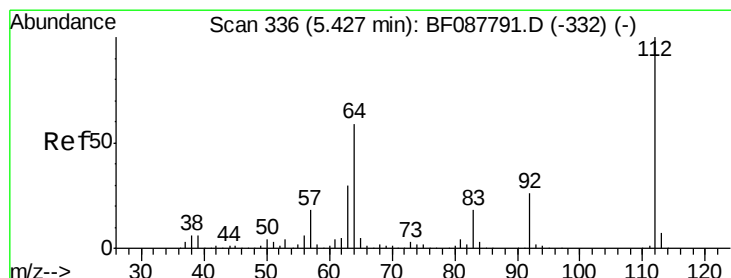
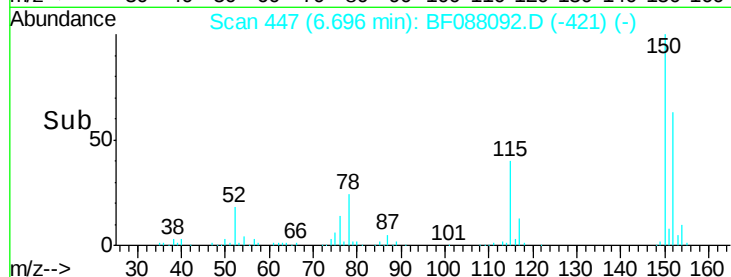
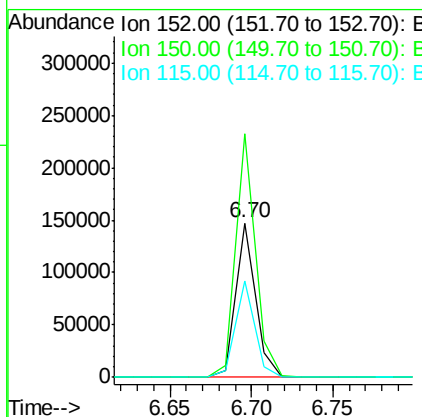
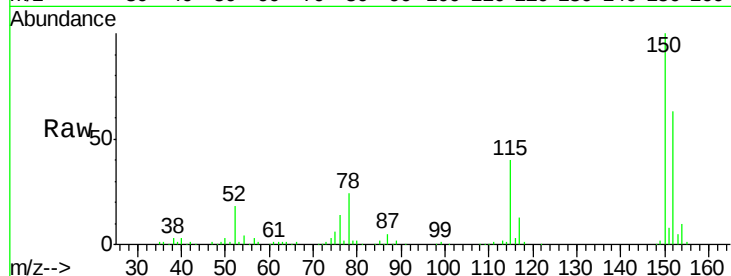
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF088092.D
Acq: 17 Jun 2016 13:37

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	123.8	185.6
115	62.6	39.6	59.4

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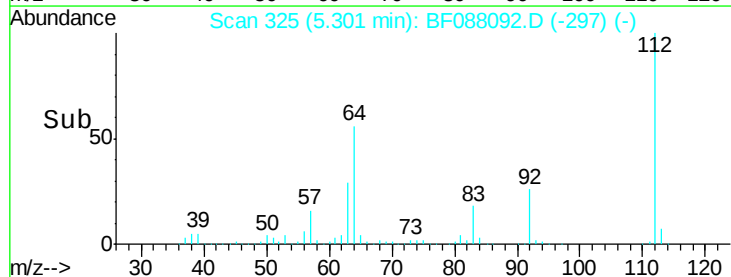
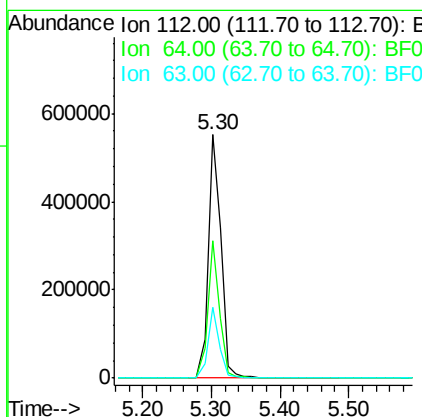
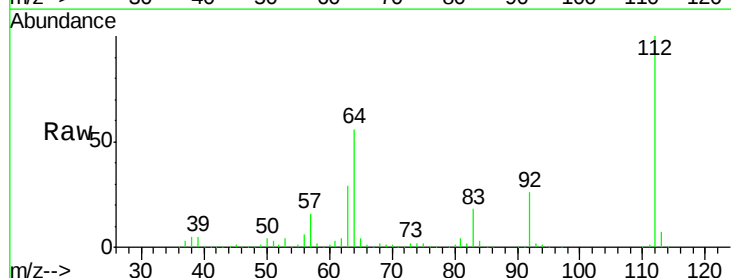
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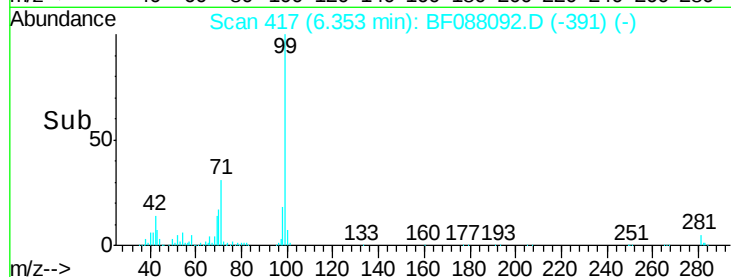
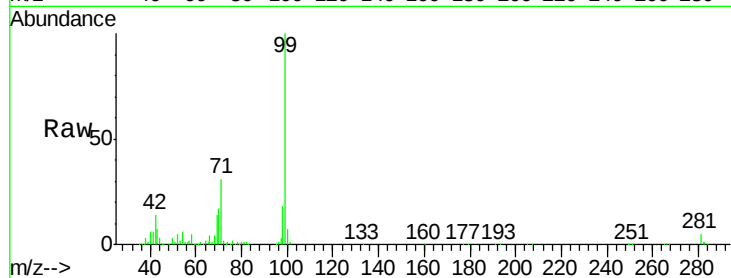
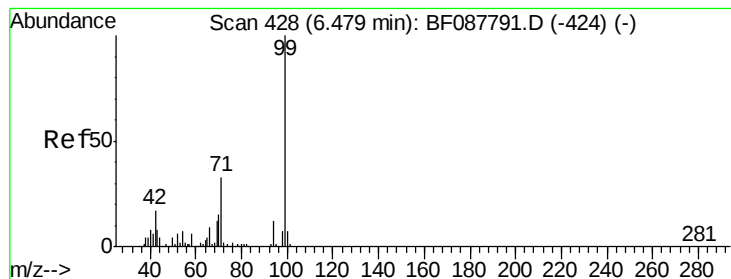


#5

2-Fluorophenol
Concen: 98.99 ng
RT: 5.30 min Scan# 325
Delta R.T. 0.02 min
Lab File: BF088092.D
Acq: 17 Jun 2016 13:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.3	42.2	63.2
63	28.9	21.8	32.8





#7

Phenol-d6

Concen: 82.80 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088092.D

Acq: 17 Jun 2016 13:37

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		718469		
42	14.4	12.2	18.2		
71	30.9	23.4	35.0		

Instrument :

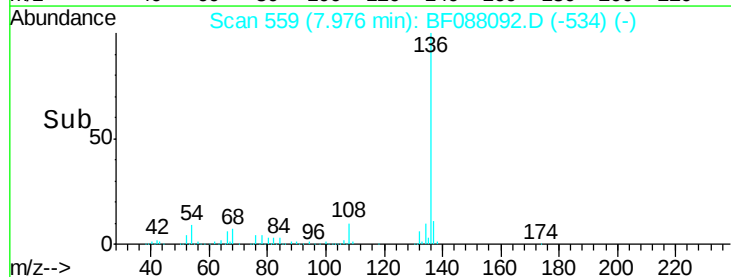
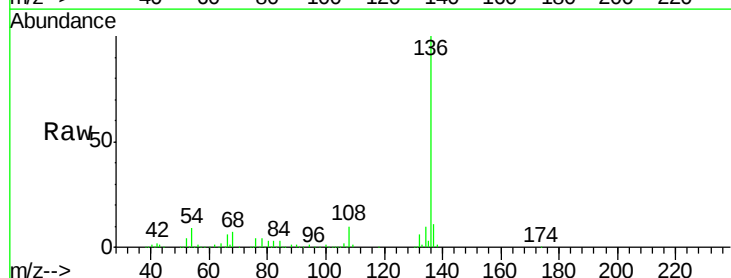
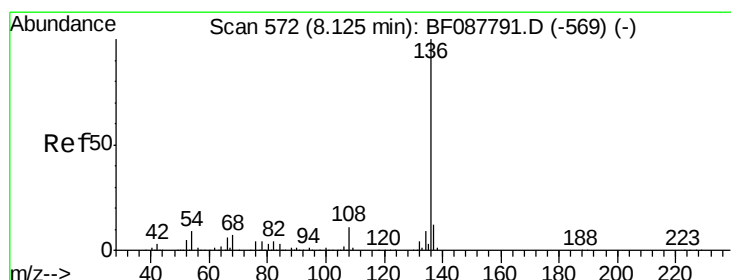
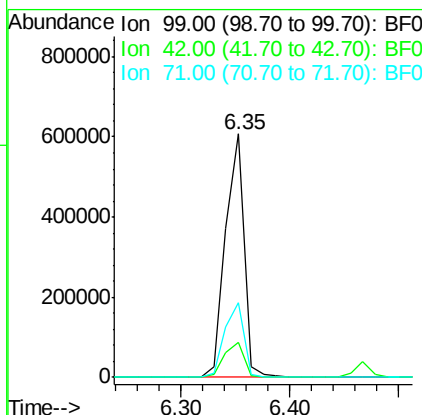
BNA_F

ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.00 ng

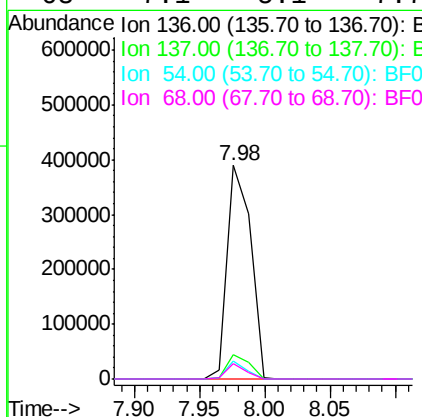
RT: 7.98 min Scan# 559

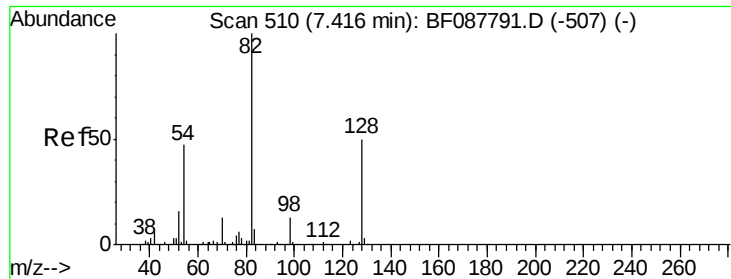
Delta R.T. -0.01 min

Lab File: BF088092.D

Acq: 17 Jun 2016 13:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		488648		
137	11.3	9.1	13.7		
54	8.6	6.6	10.0		
68	7.1	5.1	7.7		





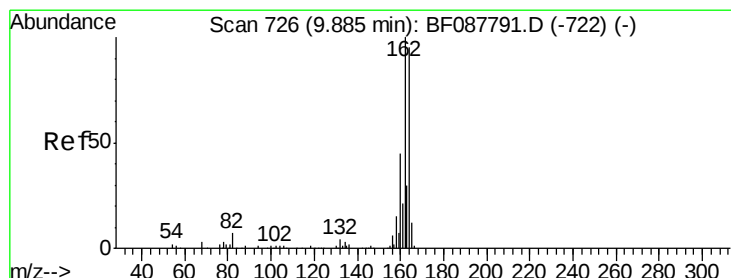
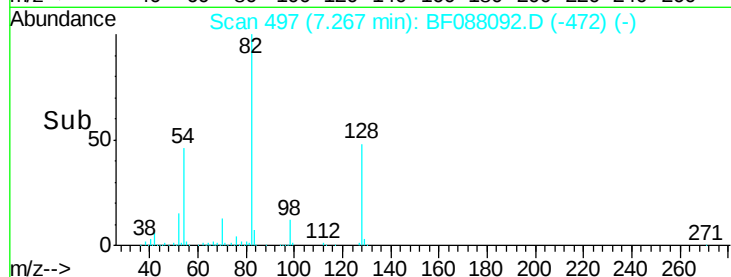
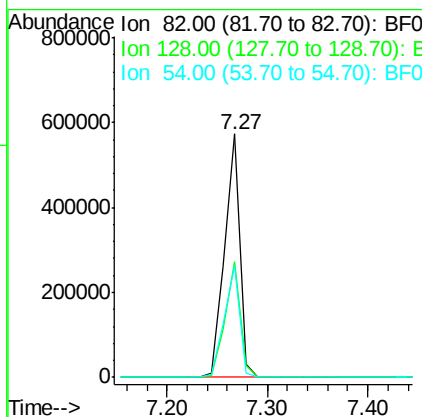
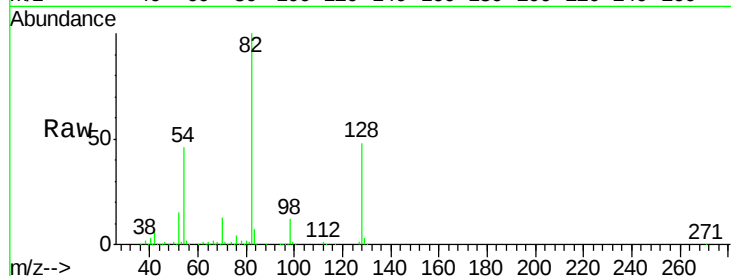
#23
Nitrobenzene-d5
Concen: 72.11 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088092.D
Acq: 17 Jun 2016 13:37

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.6	35.9	53.9	
54	46.0	40.9	61.3	

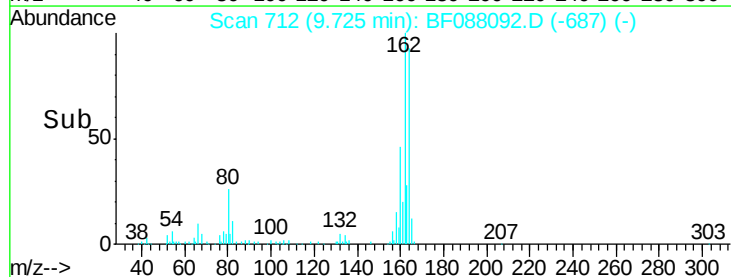
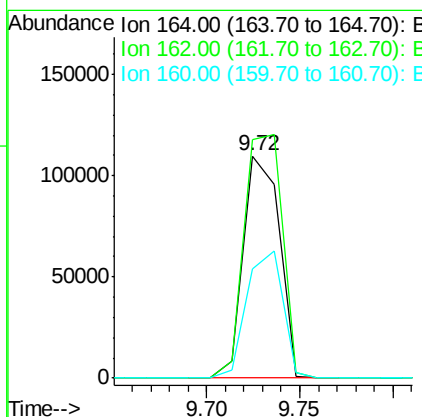
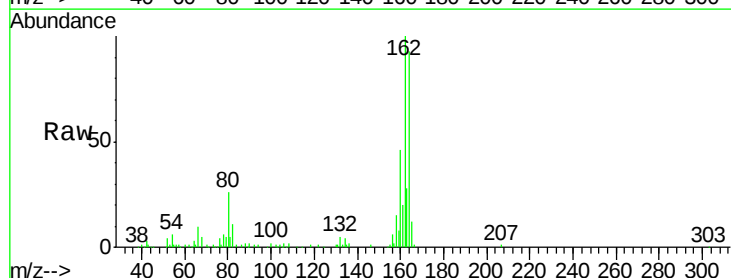
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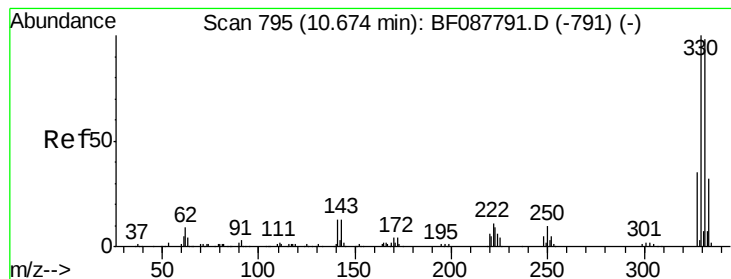
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.01 min
Lab File: BF088092.D
Acq: 17 Jun 2016 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	107.1	85.4	128.2	
160	49.1	39.5	59.3	





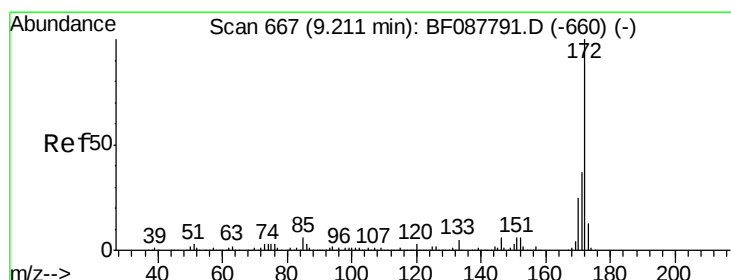
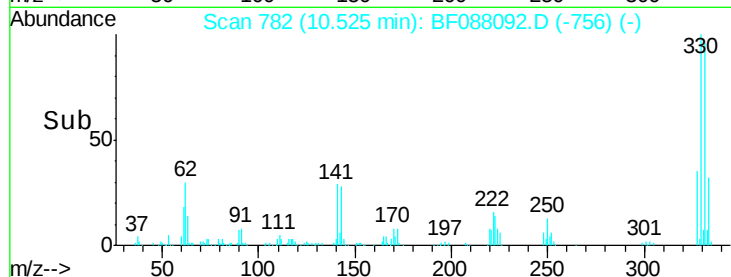
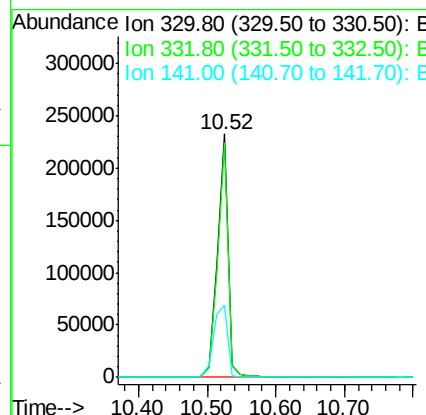
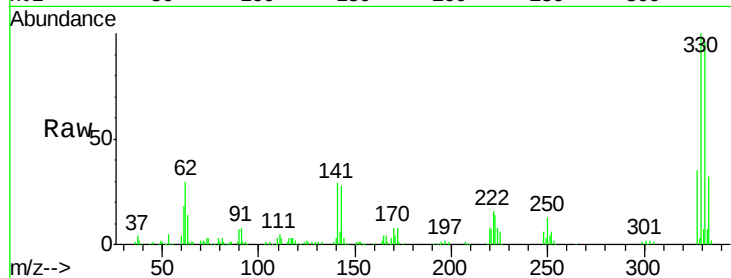
#41
 2,4,6-Tribromophenol
 Concen: 164.30 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF088092.D
 Acq: 17 Jun 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	38.6	0.0	0.0#

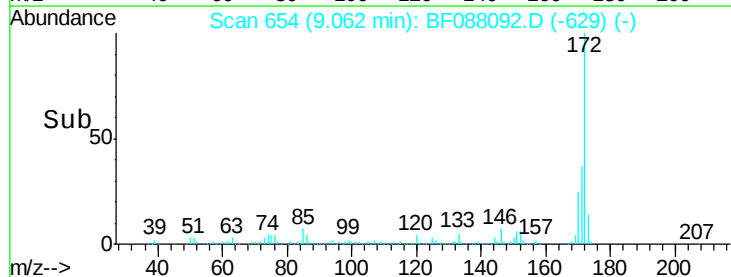
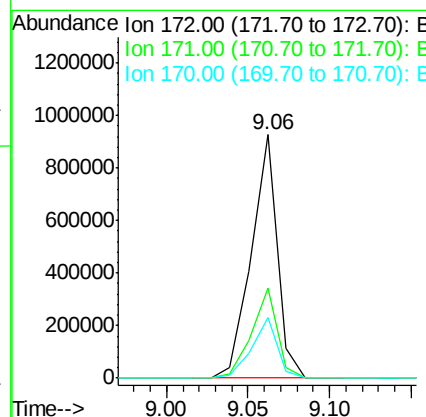
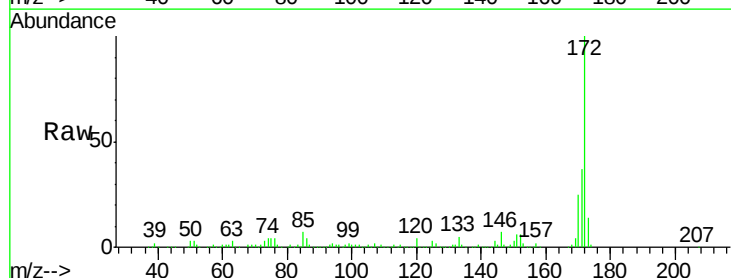
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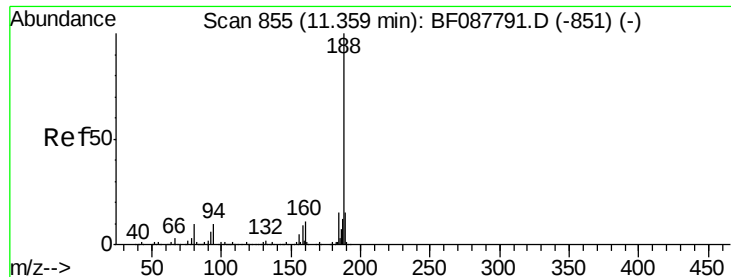
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#44
 2-Fluorobiphenyl
 Concen: 110.64 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088092.D
 Acq: 17 Jun 2016 13:37

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	36.8	28.6	43.0
170	24.8	19.2	28.8





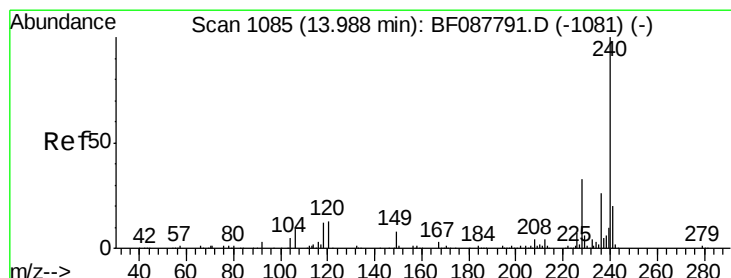
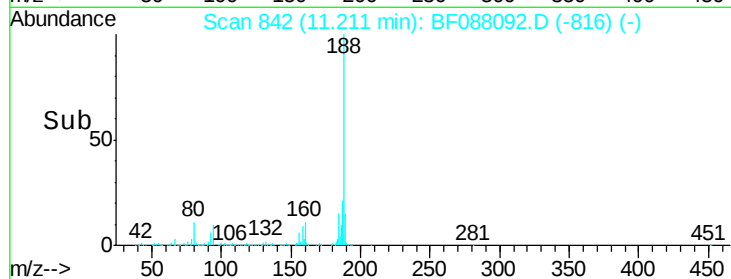
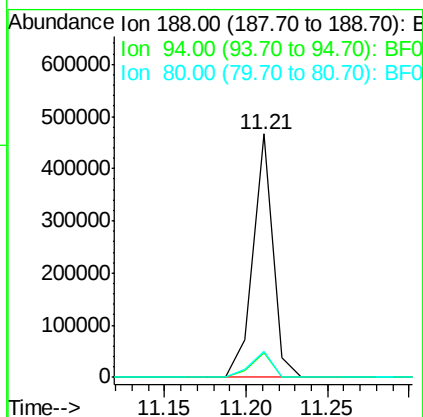
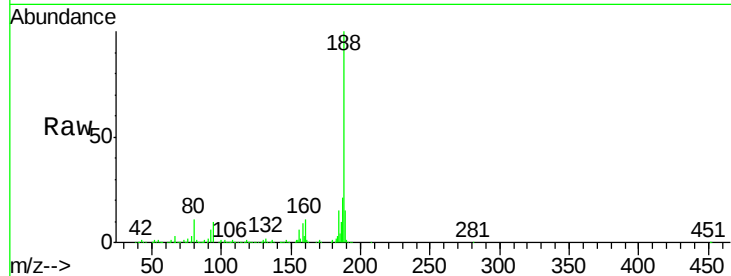
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF088092.D
Acq: 17 Jun 2016 13:37

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.3	9.0	13.6
80	10.8	10.0	15.0

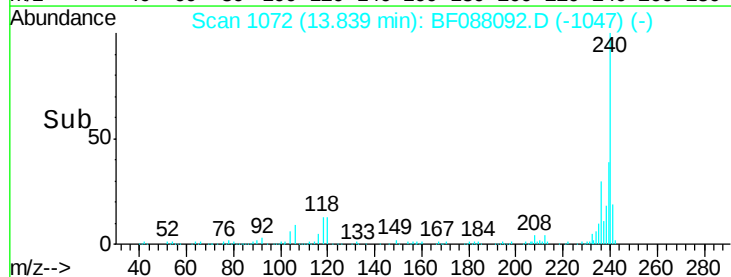
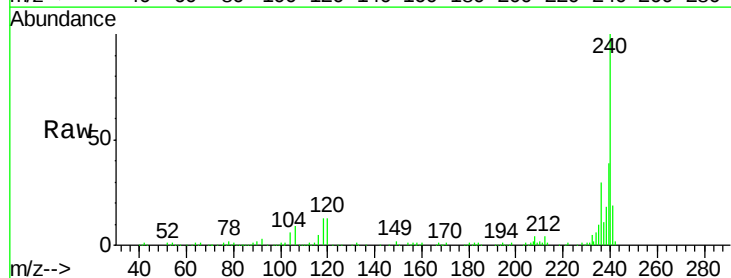
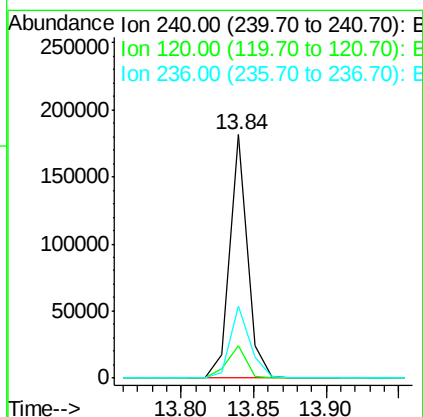
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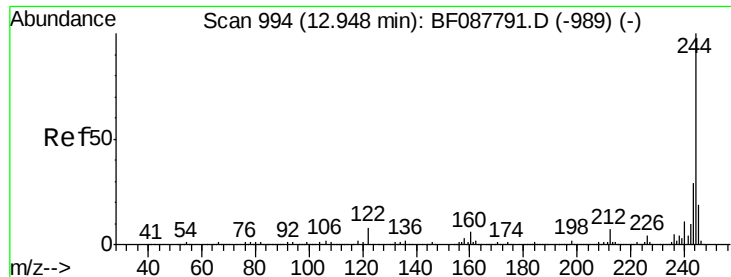
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BF088092.D
Acq: 17 Jun 2016 13:37

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.2	6.8	10.2#
236	29.5	20.2	30.2





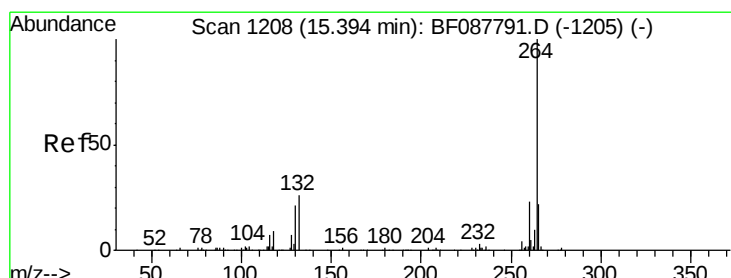
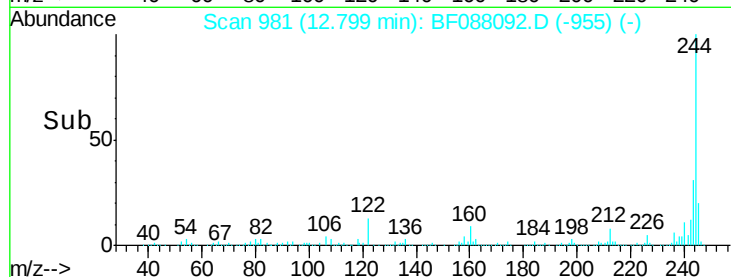
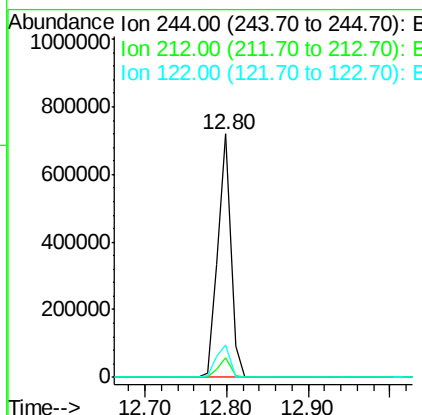
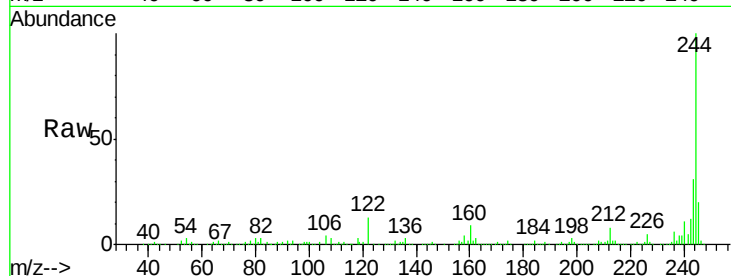
#78
 Terphenyl-d14
 Concen: 117.60 ng
 RT: 12.80 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF088092.D
 Acq: 17 Jun 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.8	6.0	9.0	
122	13.4	11.2	16.8	

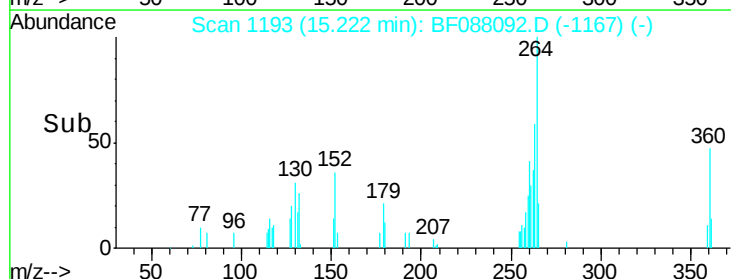
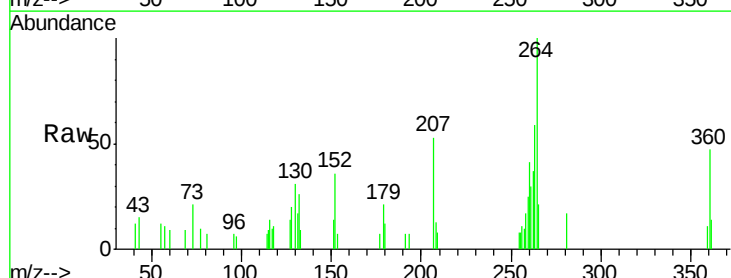
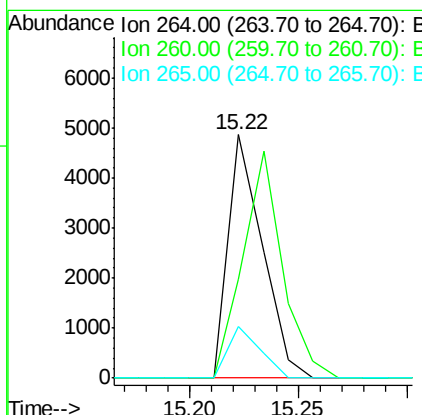
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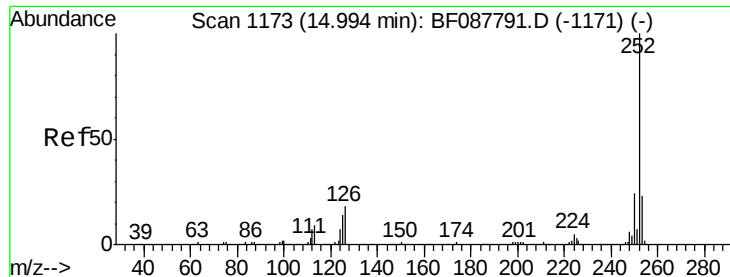
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF088092.D
 Acq: 17 Jun 2016 13:37

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	40.7	19.2	28.8	#
265	21.3	16.9	25.3	





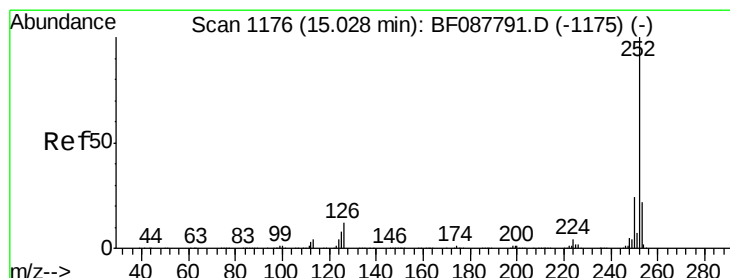
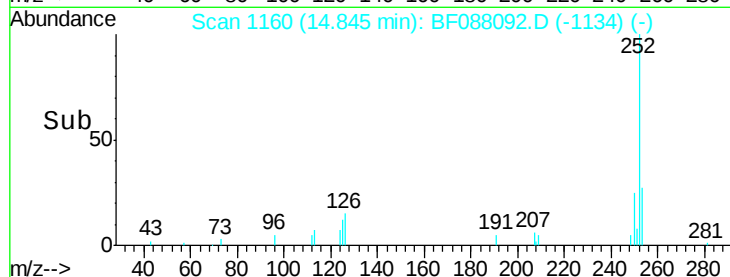
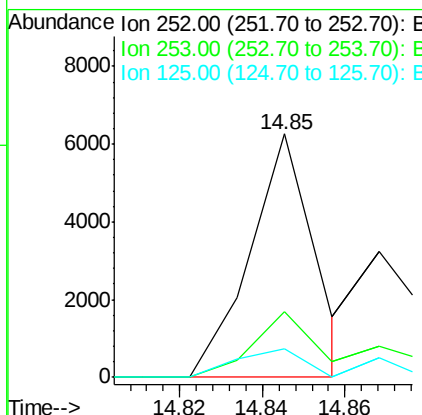
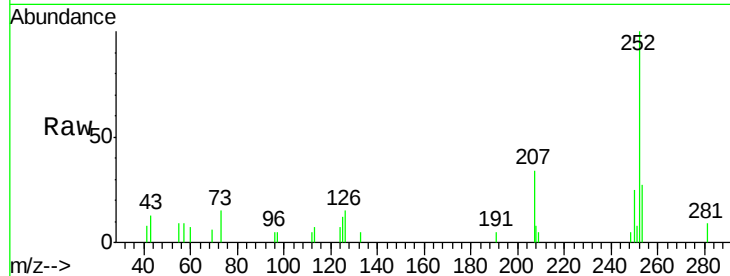
#87
Benzo(b)fluoranthene
Concen: 18.28 ng m
RT: 14.85 min Scan# 1160
Delta R.T. -0.00 min
Lab File: BF088092.D
Acq: 17 Jun 2016 13:37

Instrument :
BNA_F
ClientSampleId :
HSR-WC-52-060916

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.4	26.2
125	11.6	7.1	10.7

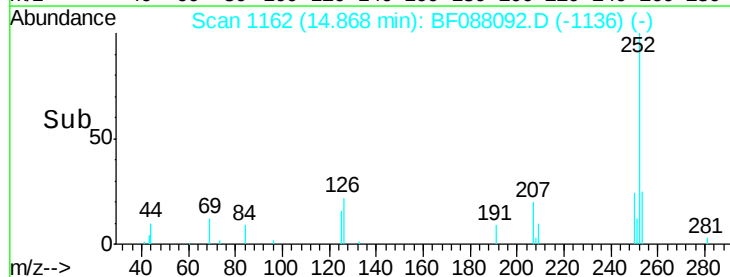
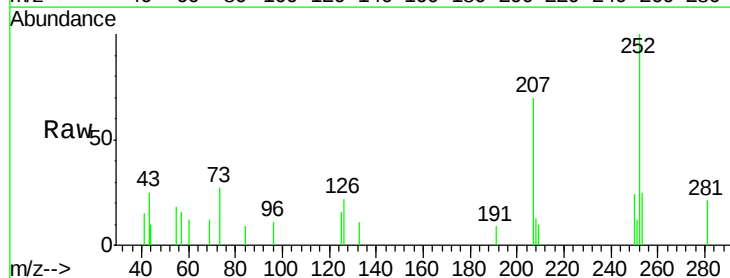
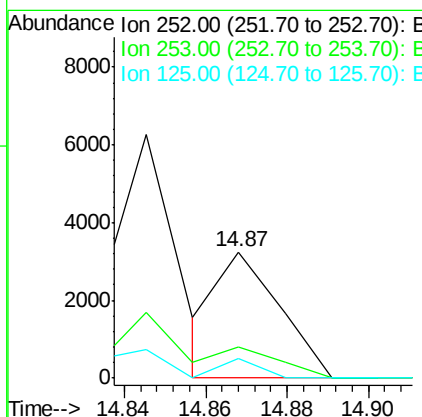
Manual Integrations
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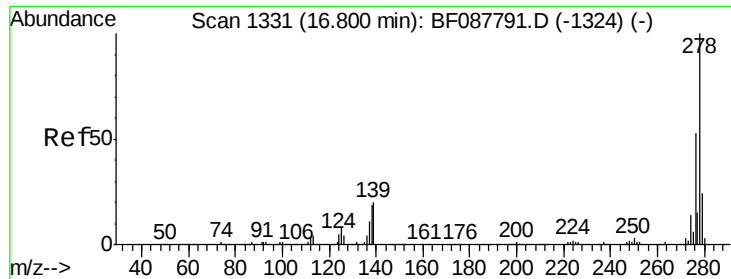
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#88
Benzo(k)fluoranthene
Concen: 12.05 ng m
RT: 14.87 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF088092.D
Acq: 17 Jun 2016 13:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	18.0	27.0
125	16.1	11.2	16.8





#90
 Dibenzo(a,h)anthracene
 Concen: 12.32 ng
 RT: 16.55 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BF088092.D
 Acq: 17 Jun 2016 13:37

Instrument :
 BNA_F
 ClientSampleId :
 HSR-WC-52-060916

Tot Ion:	278	Resp:	3427
Ion Ratio	Lower	Upper	
278	100		
139	19.5	15.7	23.5
279	26.9	19.4	29.2

Manual Integrations
 APPROVED

sohil
 6/20/2016 6:50:52 PM

