

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088422.D
 Acq On : 26 Jun 2016 17:01
 Operator : UM/SJ
 Sample : H3663-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Manual Integrations
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Quant Time: Jun 27 17:29:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	68547	20.00	ng	-0.06
21) Naphthalene-d8	7.83	136	271357	20.00	ng	-0.07
38) Acenaphthene-d10	9.58	164	135347	20.00	ng	-0.07
63) Phenanthrene-d10	11.05	188	250448	20.00	ng	-0.07
75) Chrysene-d12	13.68	240	175597	20.00	ng	-0.07
86) Perylene-d12	15.03	264	146141	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	575989	143.65	ng	-0.03
7) Phenol-d6	6.22	99	669698	137.81	ng	-0.05
23) Nitrobenzene-d5	7.12	82	430788	92.70	ng	-0.06
41) 2,4,6-Tribromophenol	10.36	330	163572	114.46	ng	-0.07
44) 2-Fluorobiphenyl	8.91	172	795195	92.80	ng	-0.06
78) Terphenyl-d14	12.64	244	701137	90.86	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	9.31	163	335706	34.24	ng	100
70) Phenanthrene	11.07	178	79781	6.07	ng	98
74) Fluoranthene	12.26	202	105329	7.59	ng	94
77) Pyrene	12.48	202	96135	7.38	ng	98
80) Benzo(a)anthracene	13.67	228	51158	5.11	ng	98
82) Chrysene	13.70	228	39882	4.24	ng	94
85) Indeno(1,2,3-cd)pyrene	16.26	276	26934	3.08	ng	# 100
87) Benzo(b)fluoranthene	14.67	252	51643m	5.07	ng	
88) Benzo(k)fluoranthene	14.69	252	20738m	2.70	ng	
89) Benzo(a)pyrene	14.98	252	37111	4.50	ng	95
91) Benzo(g,h,i)perylene	16.63	276	25667	3.26	ng	95

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

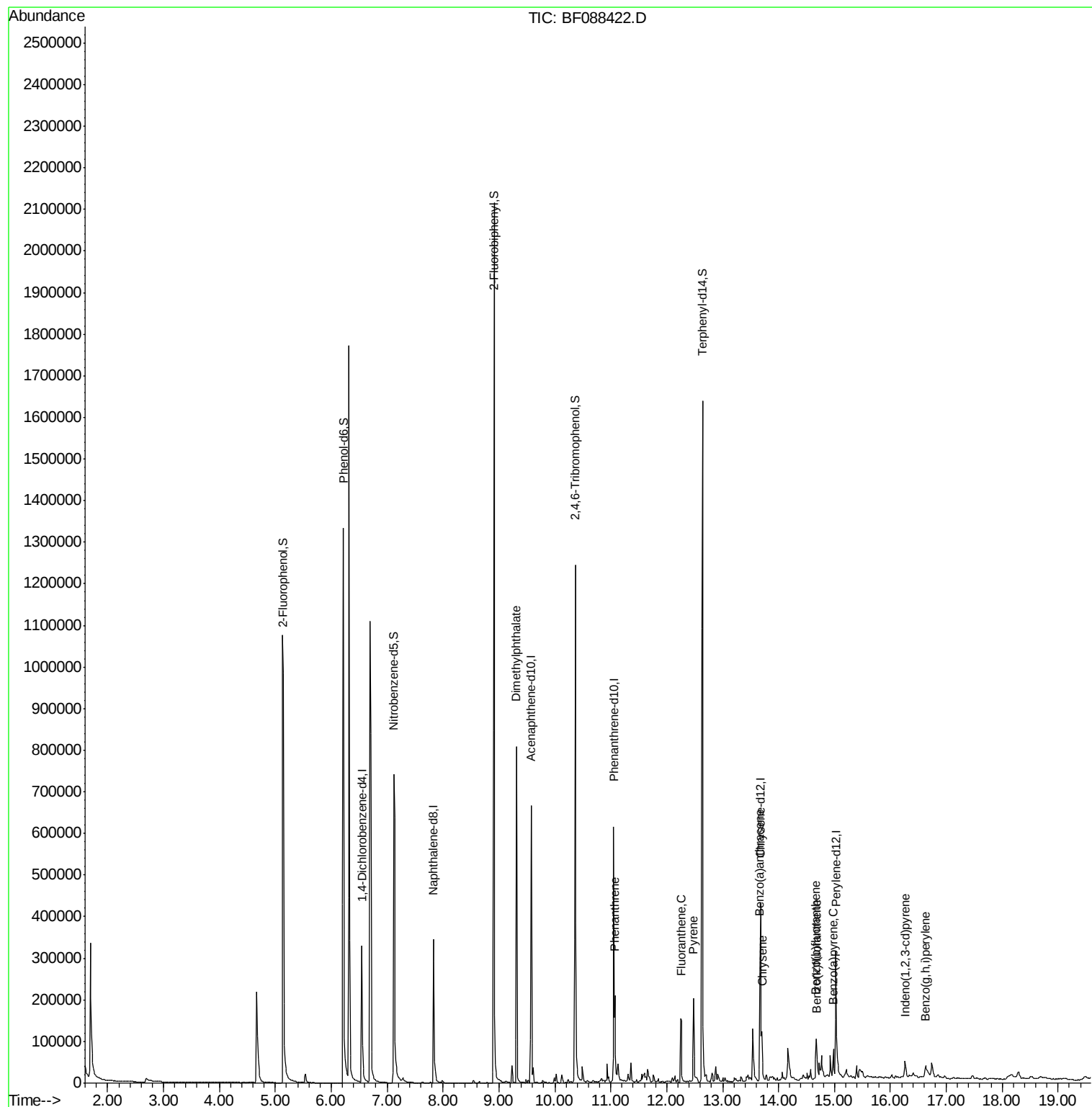
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
Data File : BF088422.D
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Operator : UM/SJ
Sample : H3663-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

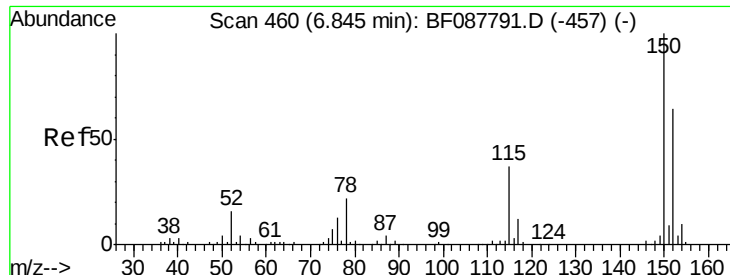
Instrument :
BNA_F
ClientSampleId :
TP-3

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Response via : Initial Calibration





#1

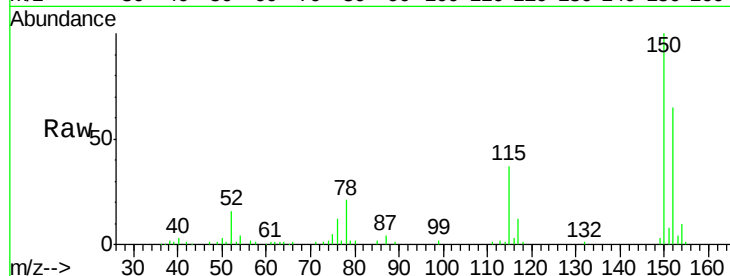
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF088422.D
Acq: 26 Jun 2016 17:01

Instrument :
BNA_F
ClientSampled :
TP-3

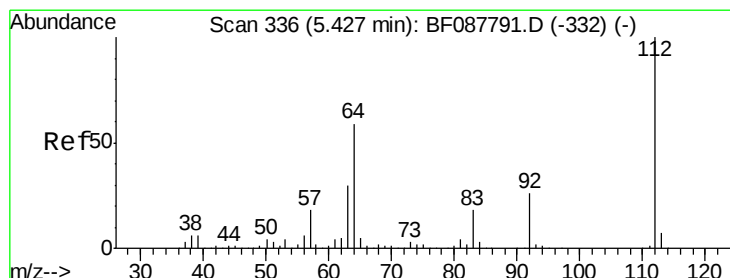
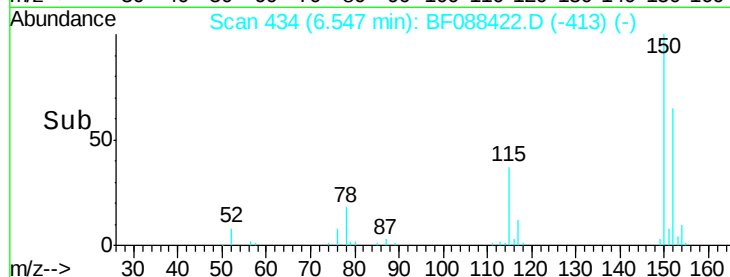
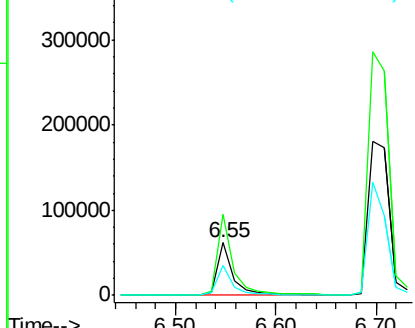
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.8	185.6
115	57.6	39.6	59.4

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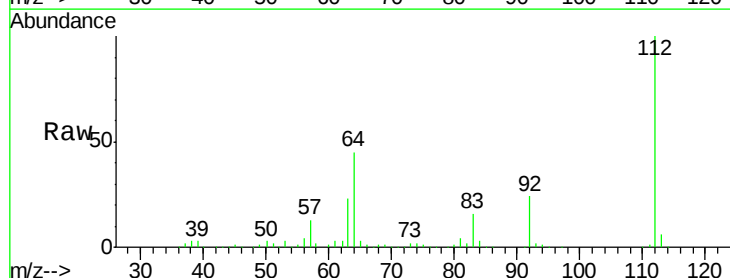
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



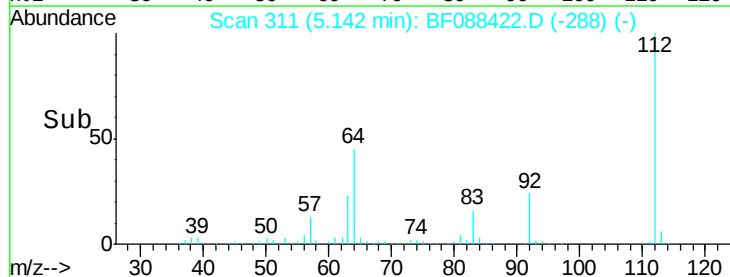
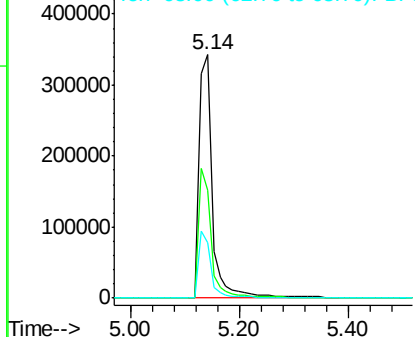
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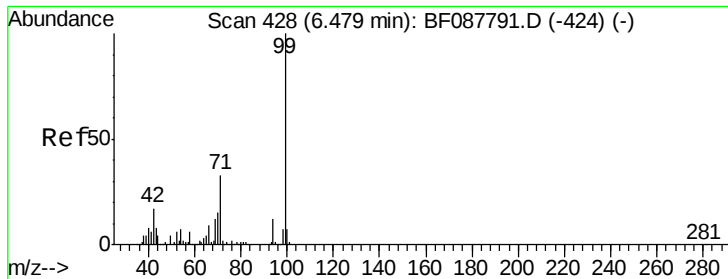
2-Fluorophenol
Concen: 143.65 ng
RT: 5.14 min Scan# 311
Delta R.T. -0.03 min
Lab File: BF088422.D
Acq: 26 Jun 2016 17:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.5	42.2	63.2
63	22.6	21.8	32.8



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: 137.81 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.05 min

Lab File: BF088422.D

Acq: 26 Jun 2016 17:01

Instrument :

BNA_F

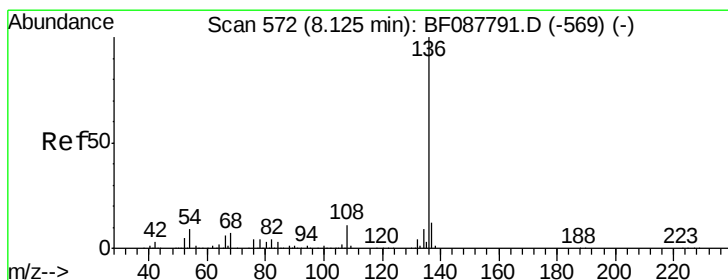
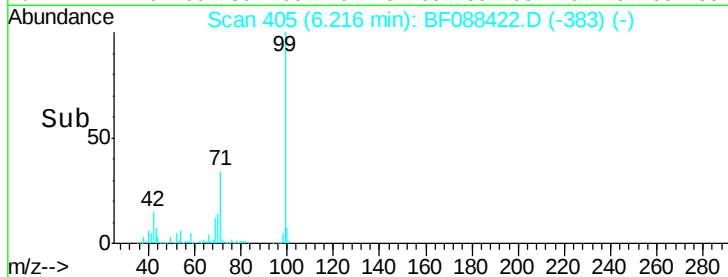
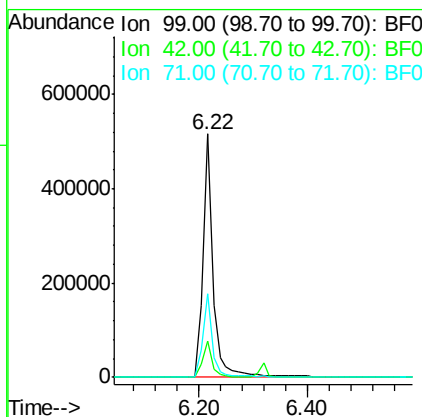
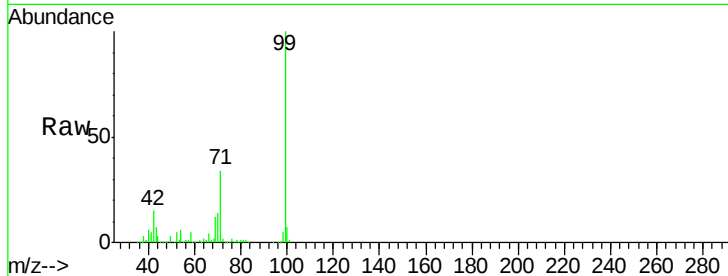
ClientSampled :

TP-3

Tot Ion:	99	Resp:	669698
Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.2	18.2
71	34.1	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

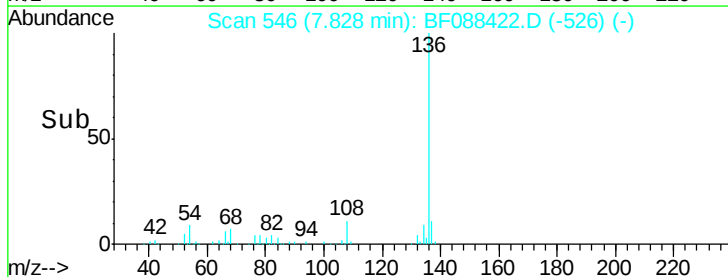
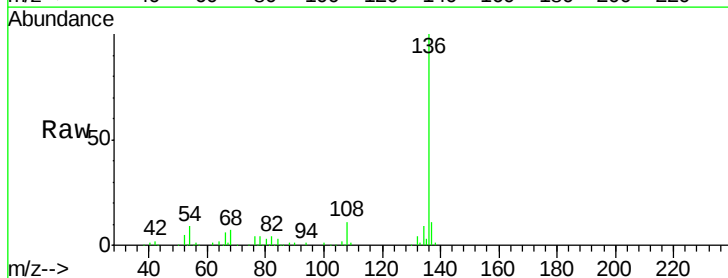
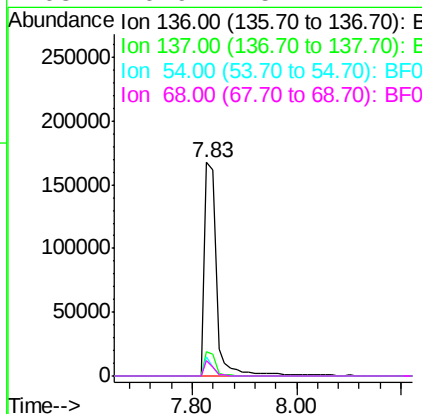
RT: 7.83 min Scan# 546

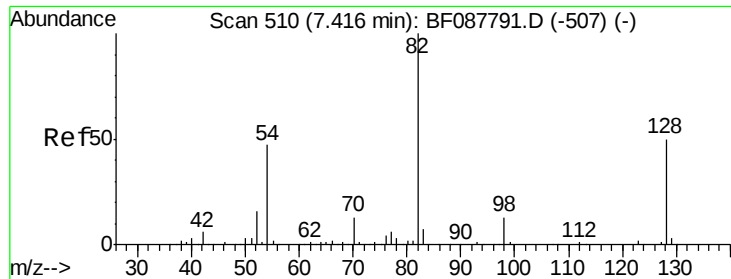
Delta R.T. -0.07 min

Lab File: BF088422.D

Acq: 26 Jun 2016 17:01

Tgt Ion:	136	Resp:	271357
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	8.9	6.6	10.0
68	6.9	5.1	7.7





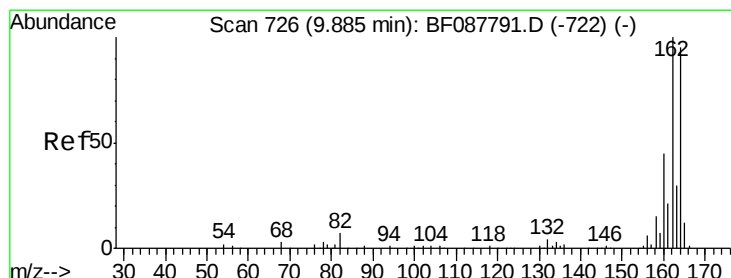
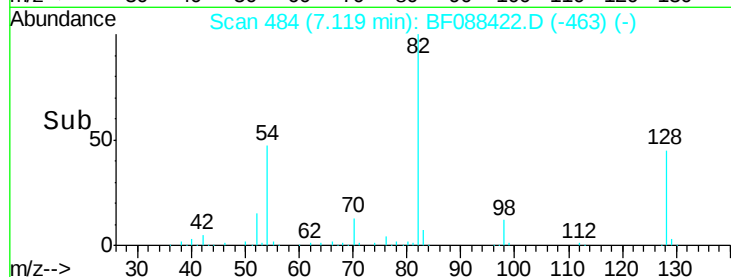
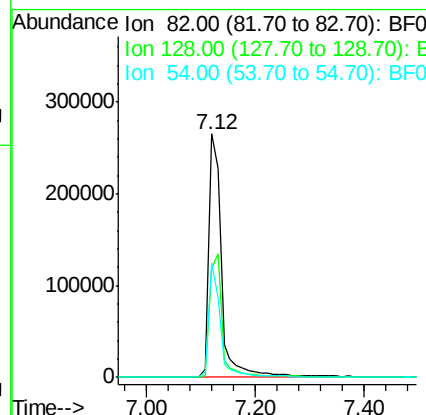
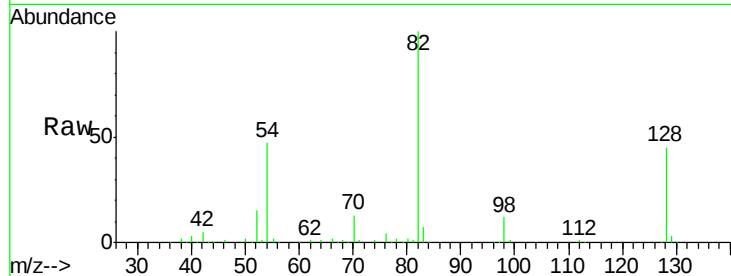
#23
 Nitrobenzene-d5
 Concen: 92.70 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.06 min
 Lab File: BF088422.D
 Acq: 26 Jun 2016 17:01

Instrument :
 BNA_F
 ClientSampled :
 TP-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.9	53.9
54	46.8	40.9	61.3

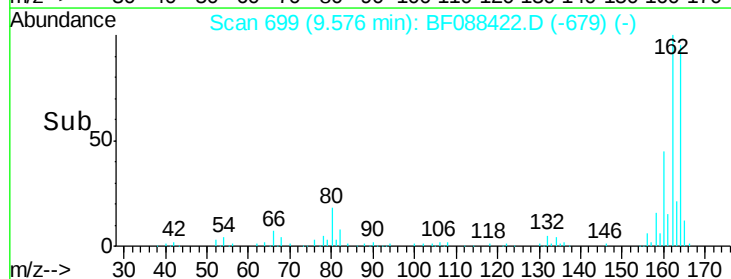
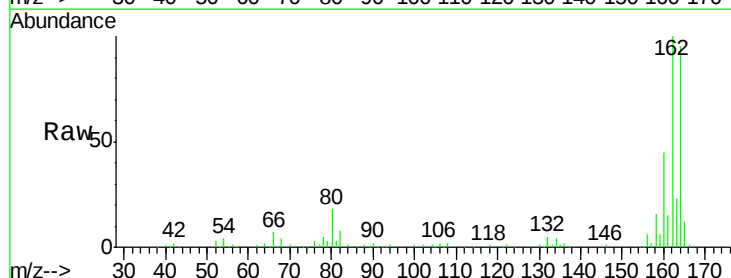
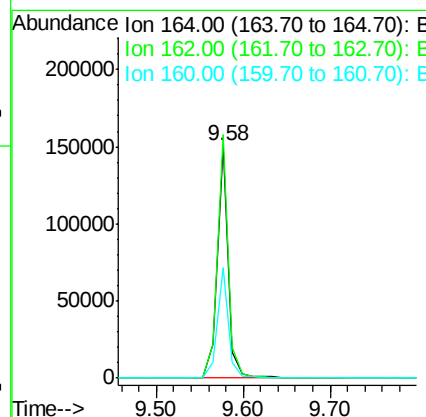
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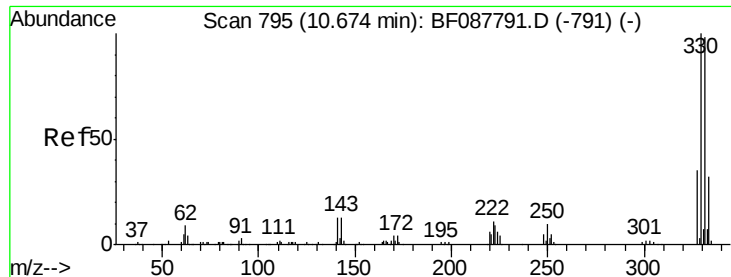
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.07 min
 Lab File: BF088422.D
 Acq: 26 Jun 2016 17:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.4	128.2
160	47.5	39.5	59.3





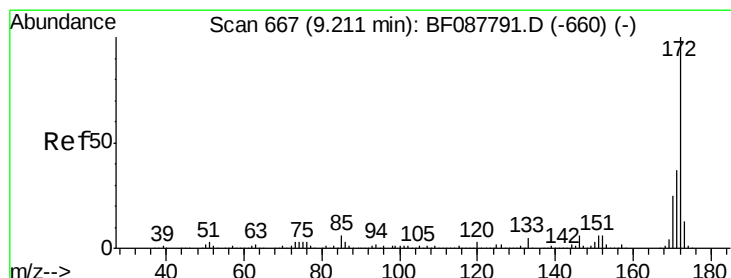
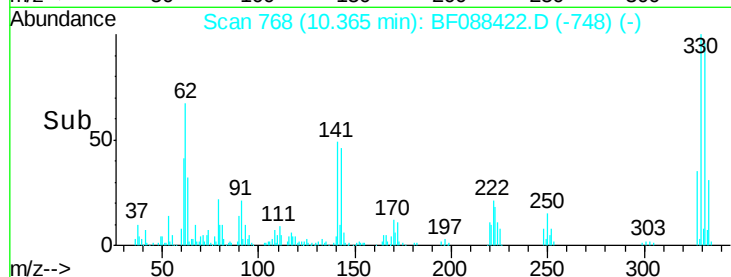
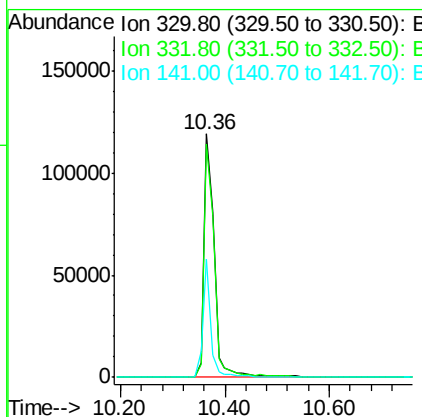
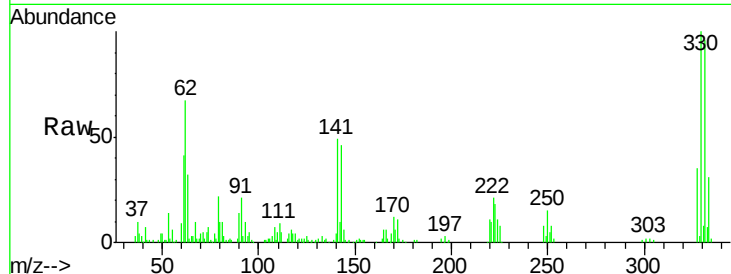
#41
 2,4,6-Tribromophenol
 Concen: 114.46 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.07 min
 Lab File: BF088422.D
 Acq: 26 Jun 2016 17:01

Instrument :
 BNA_F
 ClientSampled :
 TP-3

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	38.1	0.0	0.0#

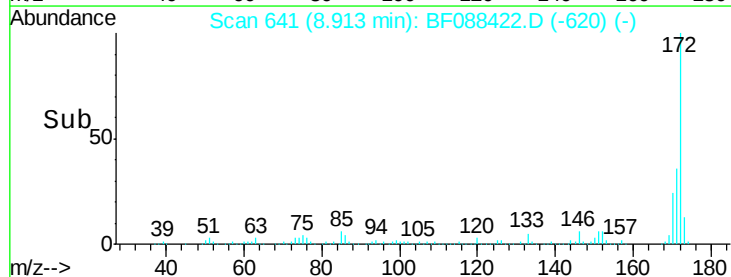
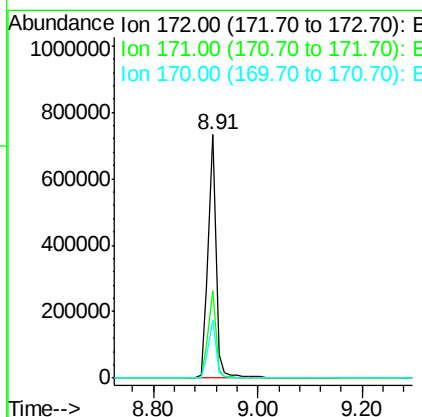
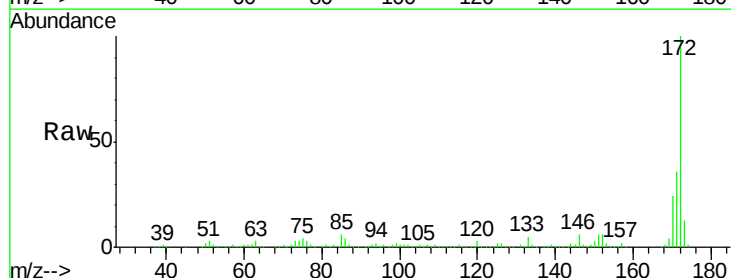
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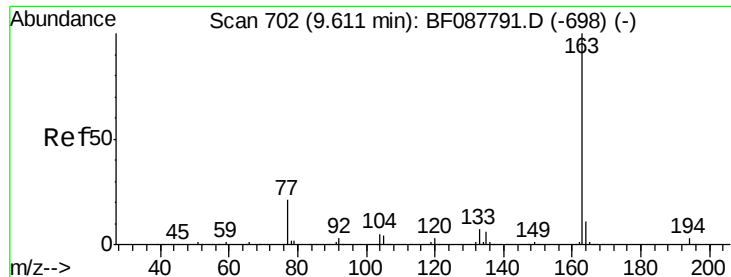
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#44
 2-Fluorobiphenyl
 Concen: 92.80 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.06 min
 Lab File: BF088422.D
 Acq: 26 Jun 2016 17:01

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	36.1	28.6	43.0
170	24.0	19.2	28.8





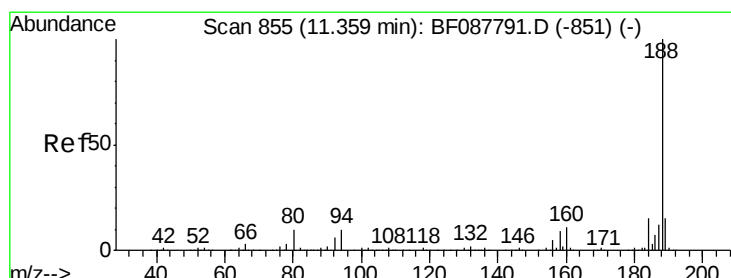
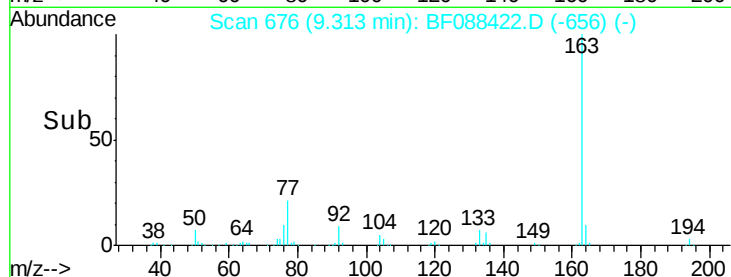
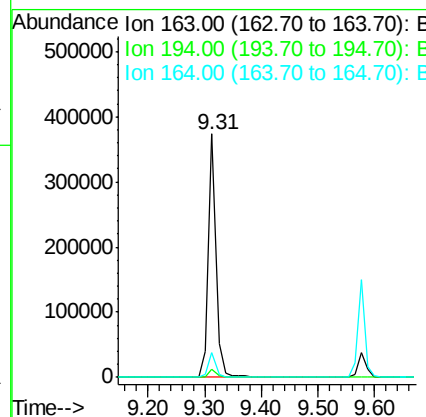
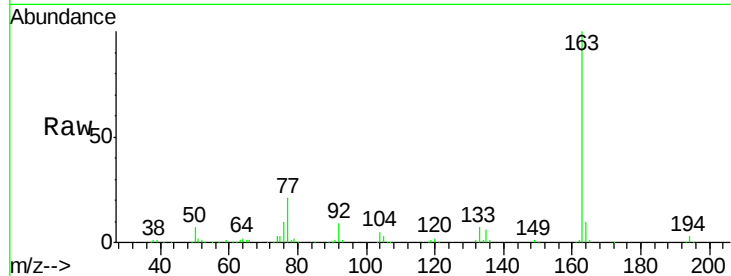
#49
Dimethylphthalate
Concen: 34.24 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.07 min
Lab File: BF088422.D
Acq: 26 Jun 2016 17:01

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.4	8.3	12.5

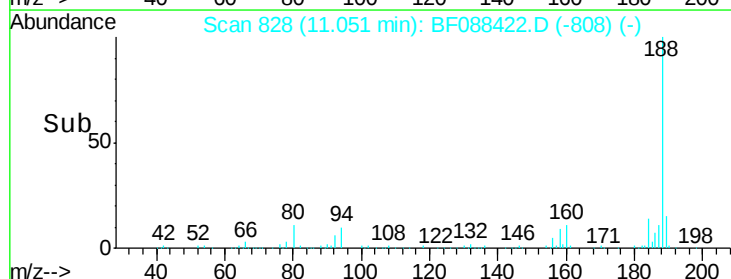
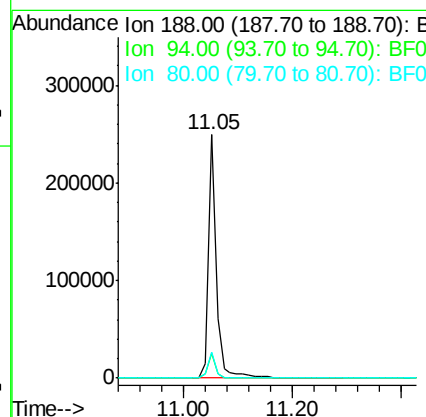
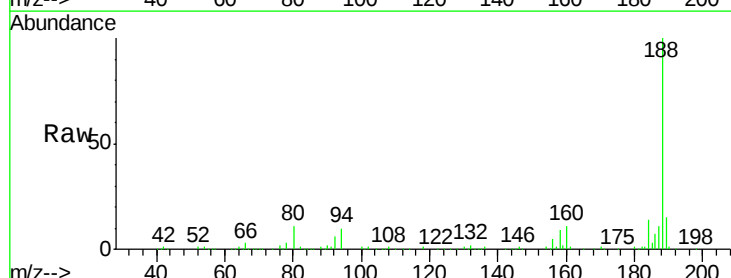
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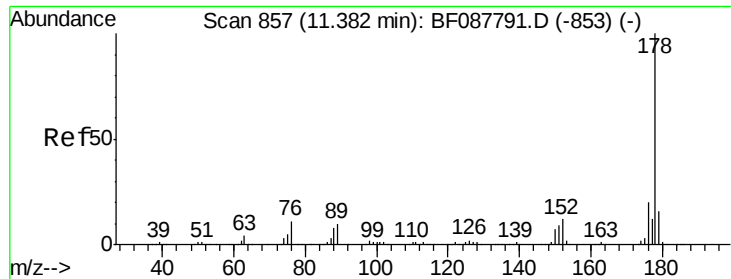
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.07 min
Lab File: BF088422.D
Acq: 26 Jun 2016 17:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.0	13.6
80	10.5	10.0	15.0





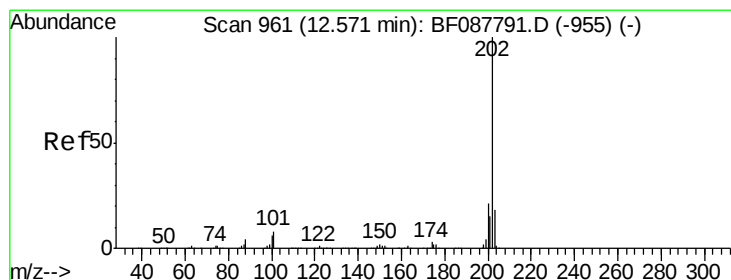
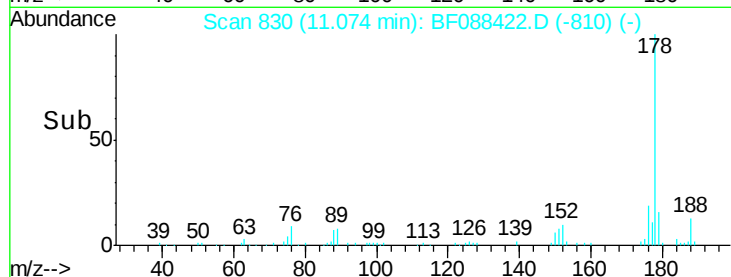
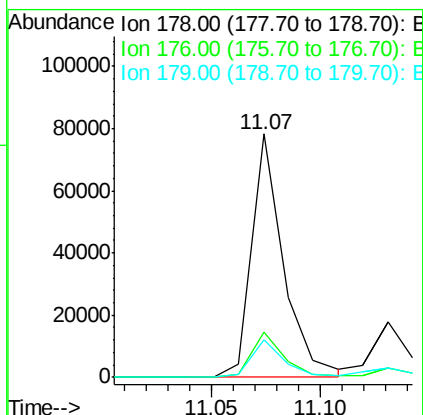
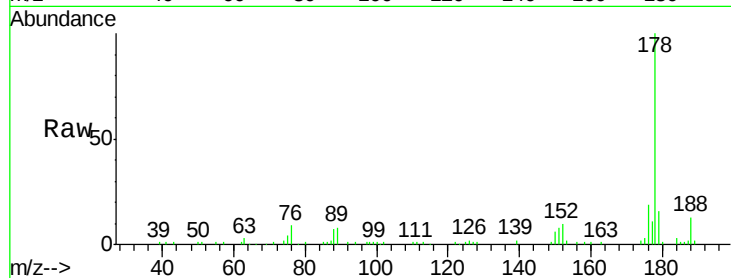
#70
Phenanthrene
Concen: 6.07 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.07 min
Lab File: BF088422.D
Acq: 26 Jun 2016 17:01

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.6
179	15.6	13.0	19.4

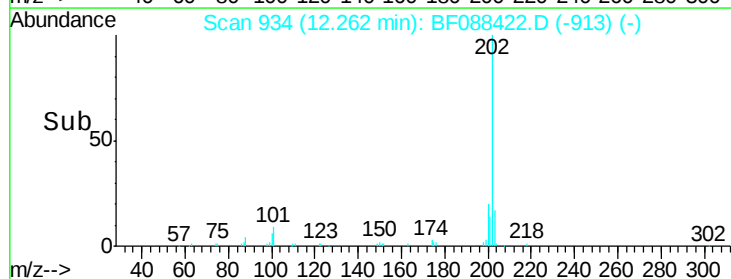
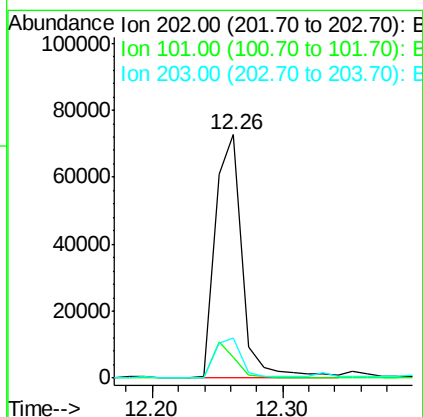
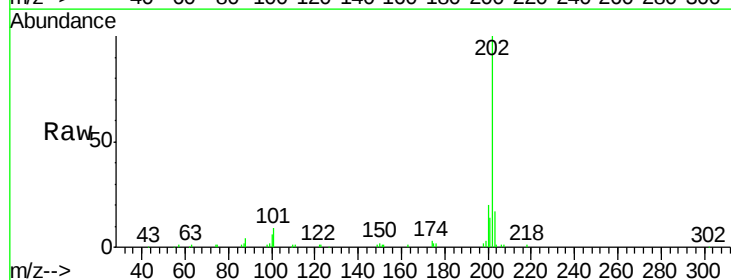
Manual Integrations
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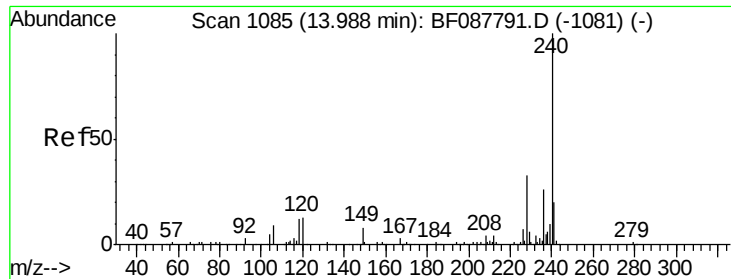
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#74
Fluoranthene
Concen: 7.59 ng
RT: 12.26 min Scan# 934
Delta R.T. -0.06 min
Lab File: BF088422.D
Acq: 26 Jun 2016 17:01

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	33.1
203	16.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.68 min Scan# 1058

Delta R.T. -0.07 min

Lab File: BF088422.D

Acq: 26 Jun 2016 17:01

Instrument :

BNA_F

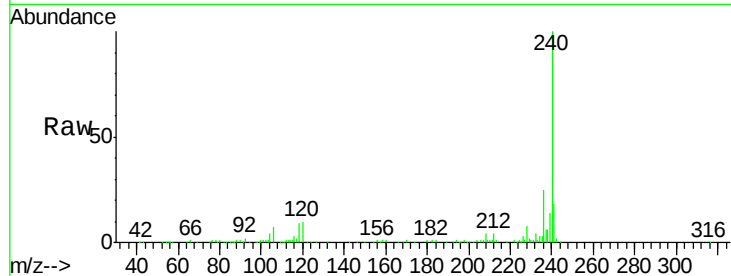
ClientSampleId :

TP-3

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	6.8	10.2#
236	25.4	20.2	30.2

Manual Integrations
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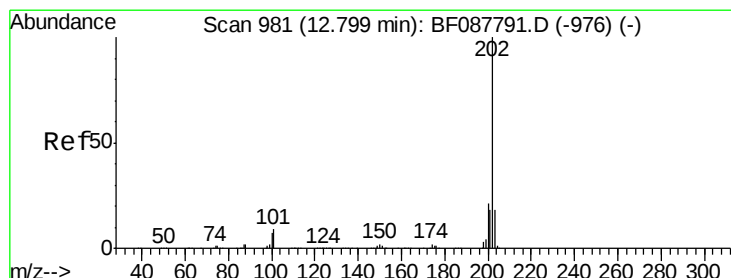
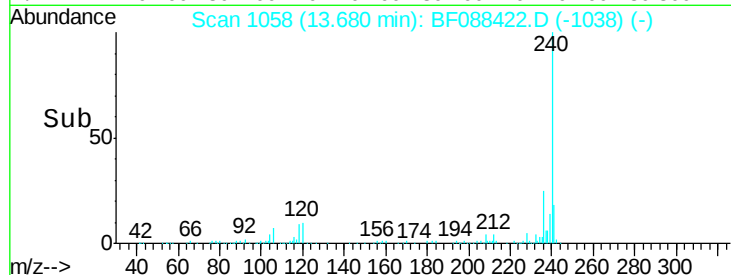
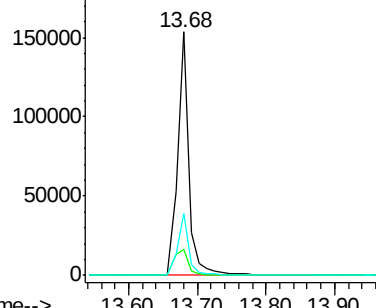


Abundance

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: 7.38 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.07 min

Lab File: BF088422.D

Acq: 26 Jun 2016 17:01

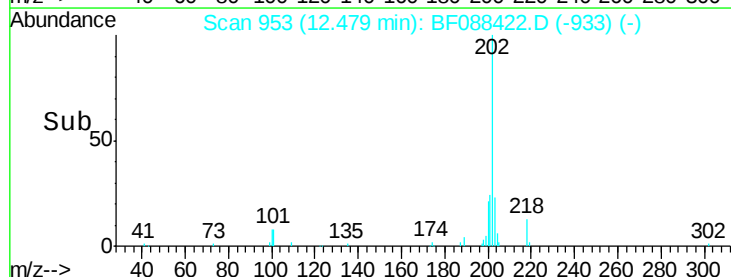
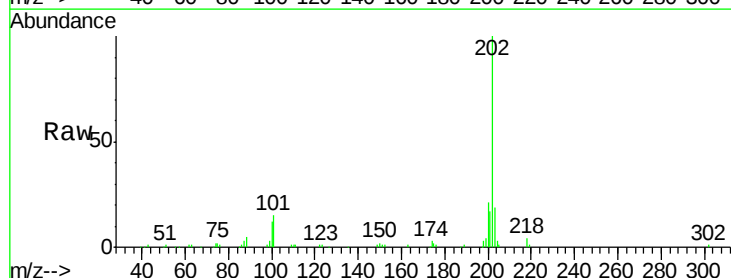
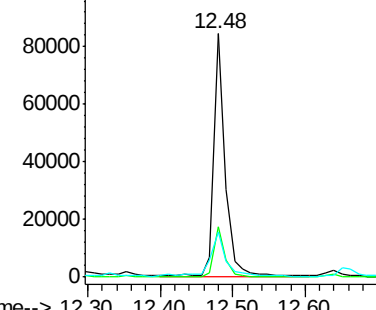
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	18.7	14.5	21.7

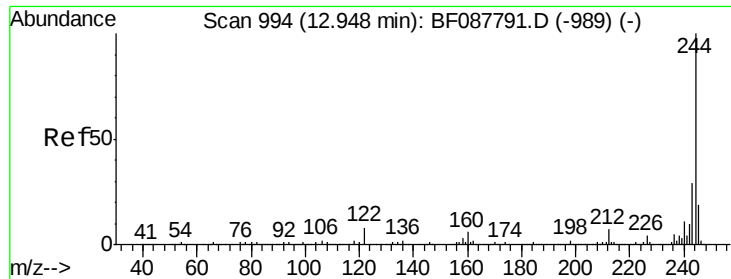
Abundance

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





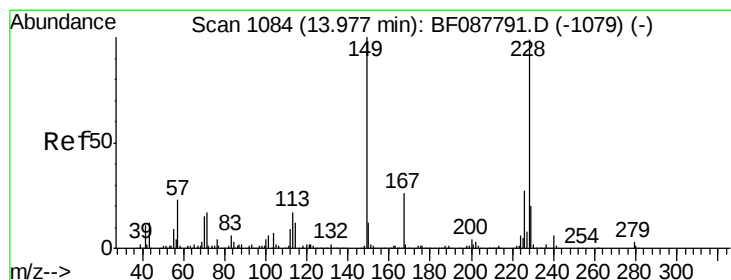
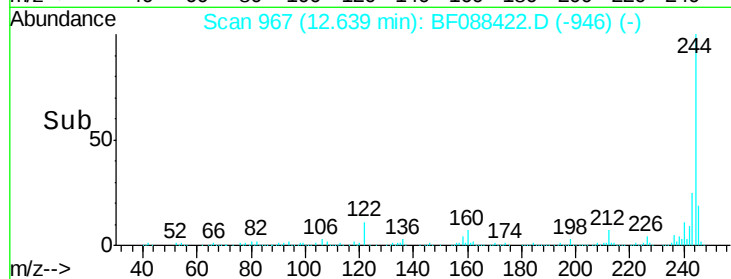
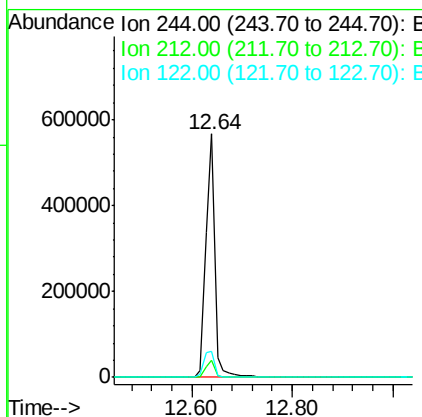
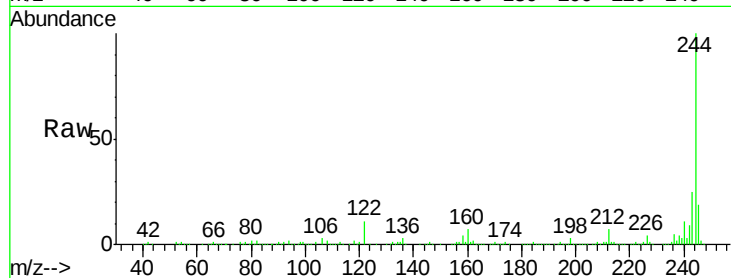
#78
 Terphenyl-d14
 Concen: 90.86 ng
 RT: 12.64 min Scan# 967
 Delta R.T. -0.06 min
 Lab File: BF088422.D
 Acq: 26 Jun 2016 17:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	10.5	11.2	16.8#

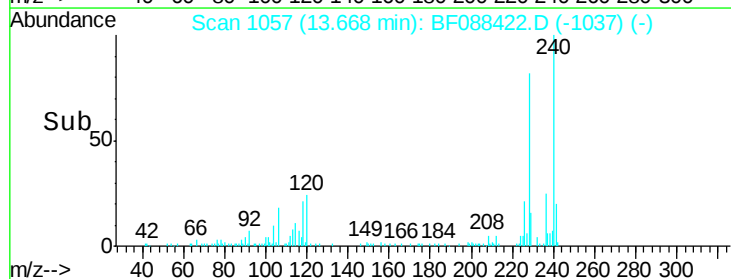
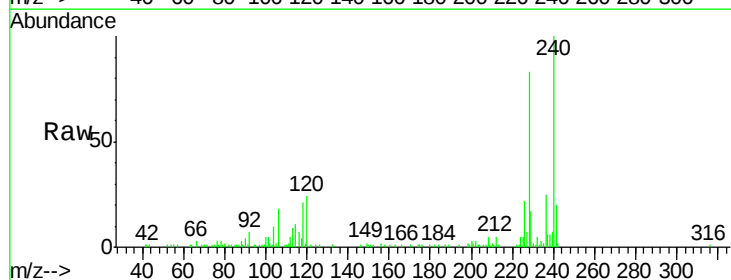
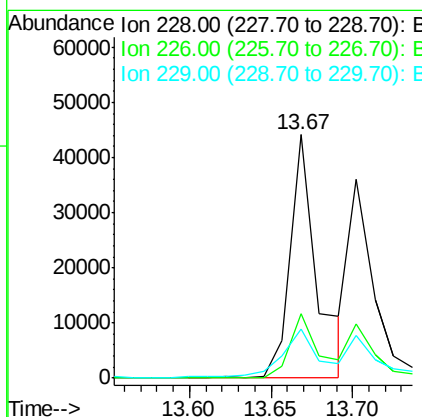
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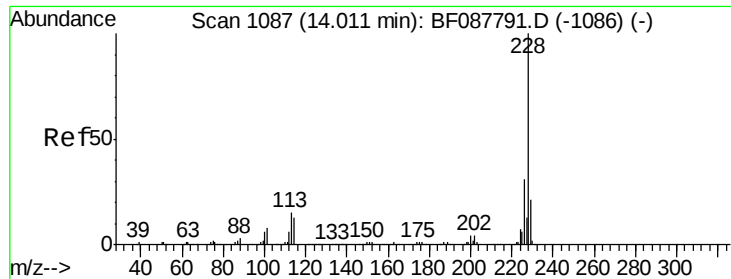
sohil
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#80
 Benzo(a)anthracene
 Concen: 5.11 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.07 min
 Lab File: BF088422.D
 Acq: 26 Jun 2016 17:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.3	33.5
229	20.3	16.0	24.0





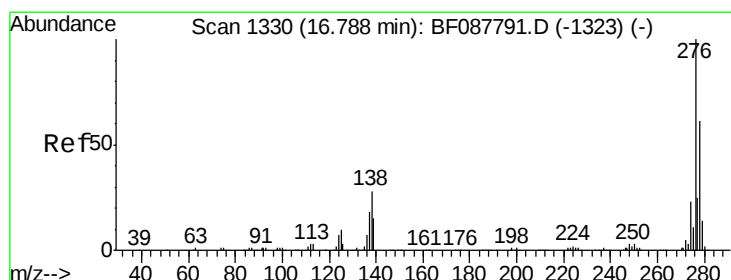
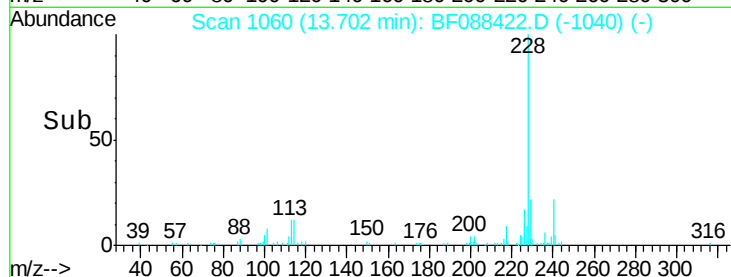
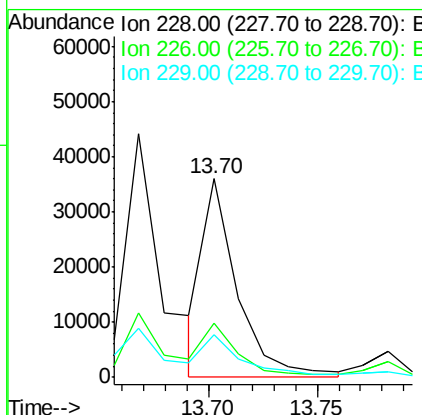
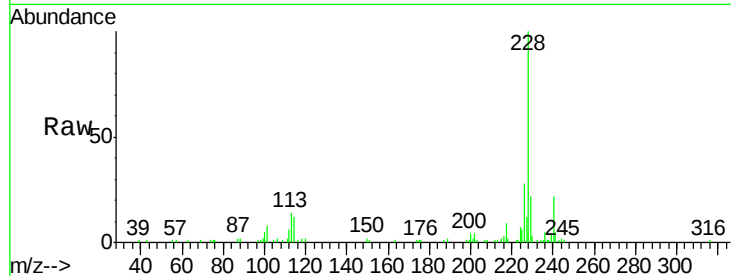
#82
Chrysene
Concen: 4.24 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.07 min
Lab File: BF088422.D
Acq: 26 Jun 2016 17:01

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	25.4	38.2
229	21.7	16.3	24.5

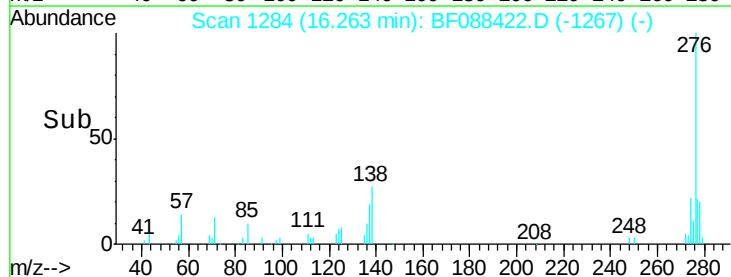
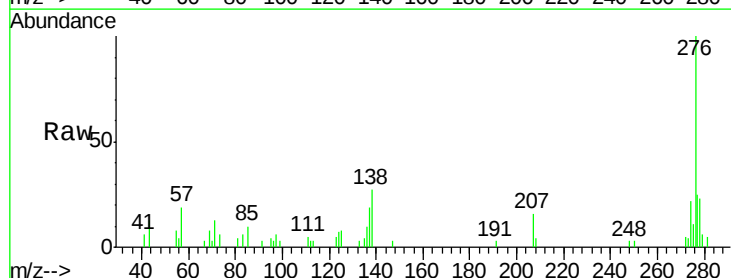
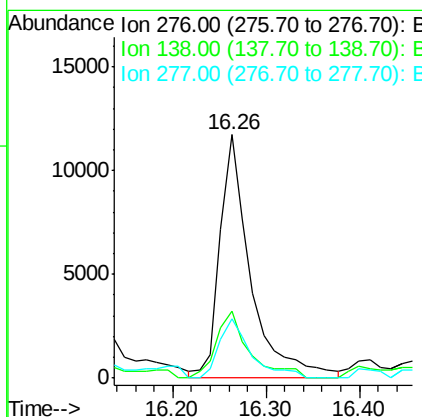
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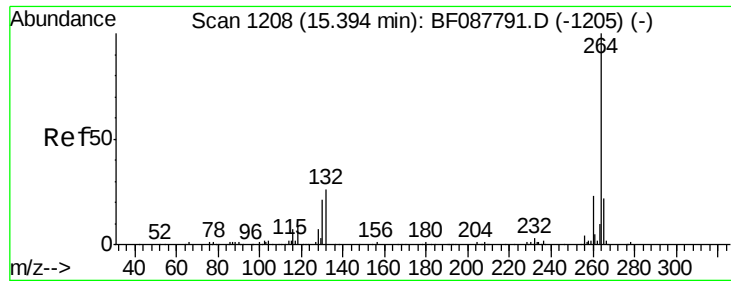
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.08 ng
RT: 16.26 min Scan# 1284
Delta R.T. -0.10 min
Lab File: BF088422.D
Acq: 26 Jun 2016 17:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.4	0.0	0.0#
277	25.3	0.0	0.0#





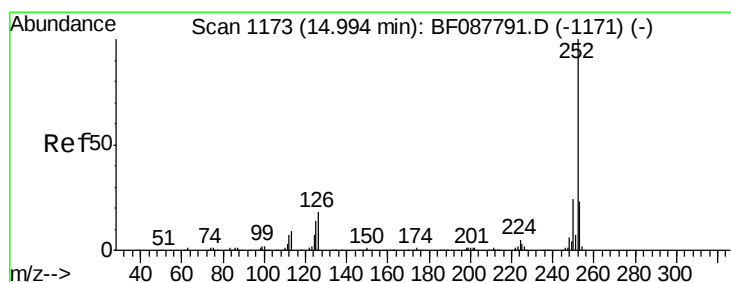
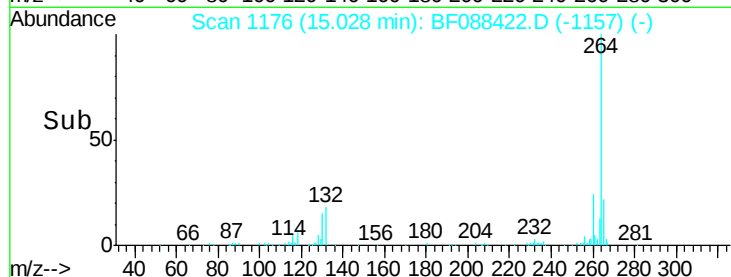
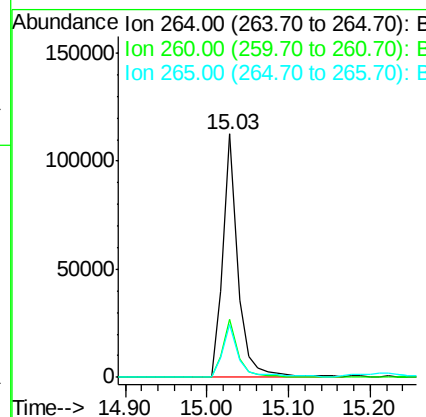
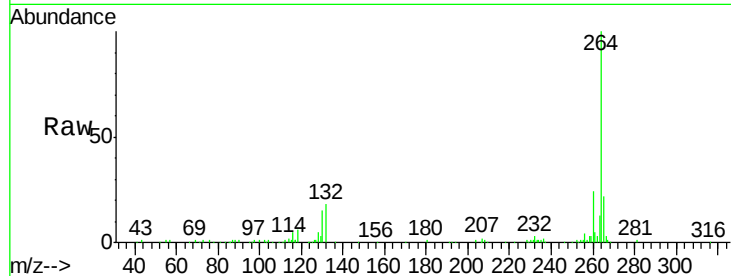
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF088422.D
Acq: 26 Jun 2016 17:01

Instrument :
BNA_F
ClientSampled :
TP-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	16.9	25.3

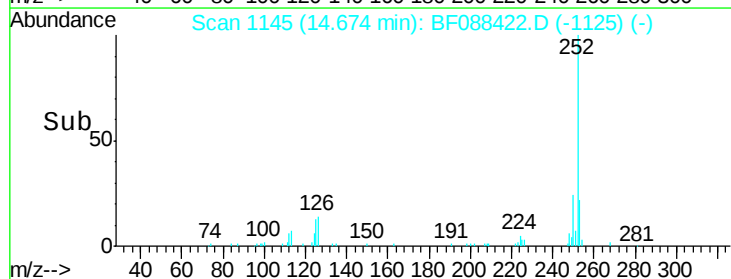
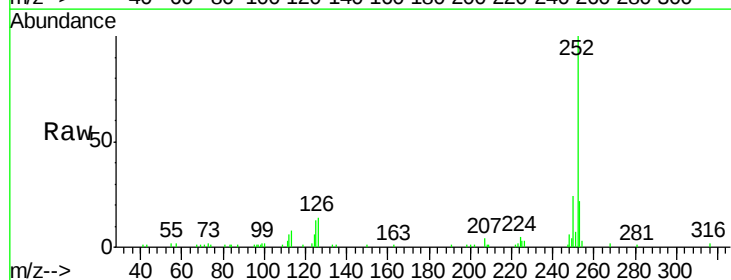
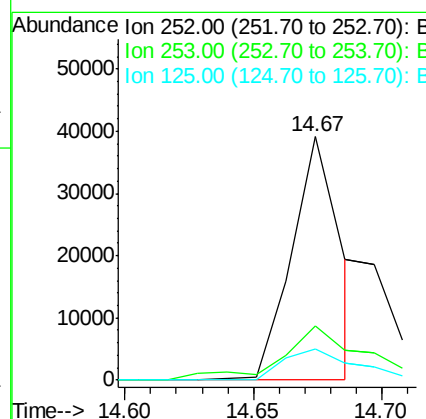
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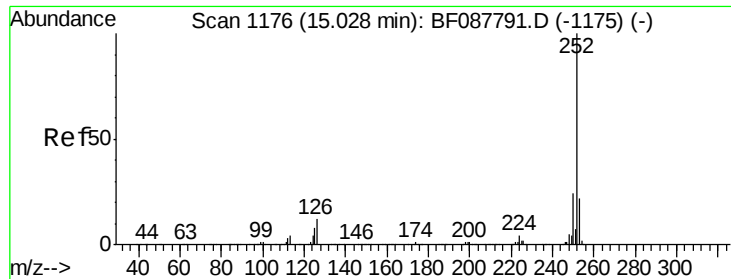
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#87
Benzo(b)fluoranthene
Concen: 5.07 ng m
RT: 14.67 min Scan# 1145
Delta R.T. -0.07 min
Lab File: BF088422.D
Acq: 26 Jun 2016 17:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	12.5	7.1	10.7#





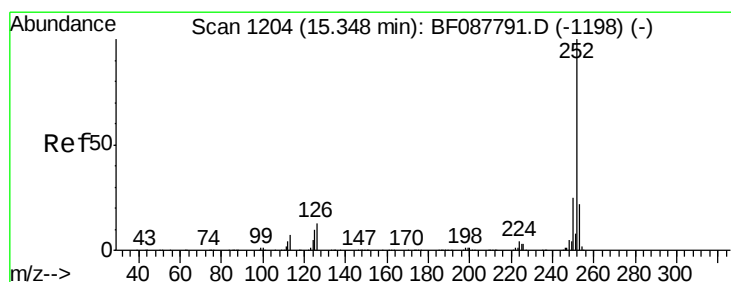
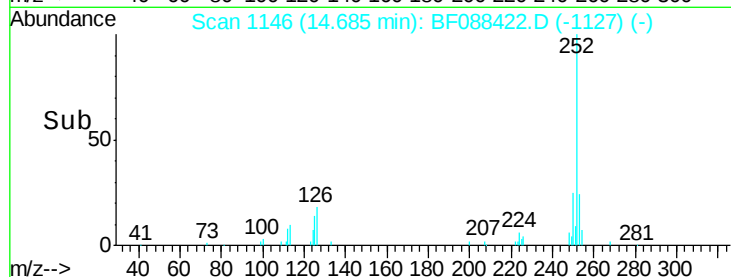
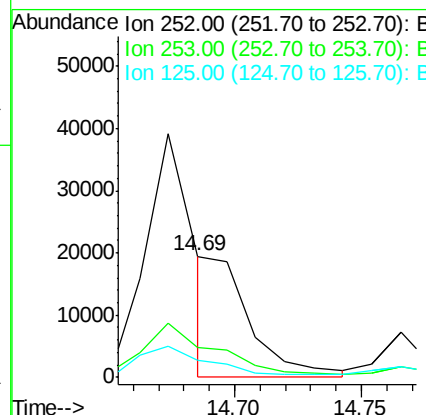
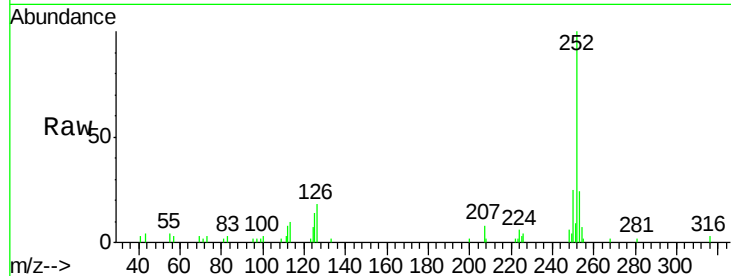
#88
Benzo(k)fluoranthene
Concen: 2.70 ng m
RT: 14.69 min Scan# 1146
Delta R.T. -0.08 min
Lab File: BF088422.D
Acq: 26 Jun 2016 17:01

Instrument :
BNA_F
ClientSampleId :
TP-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	14.3	11.2	16.8

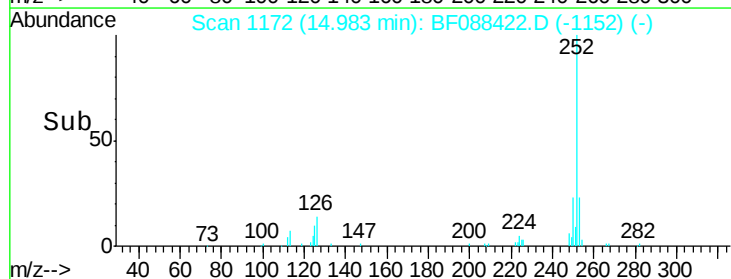
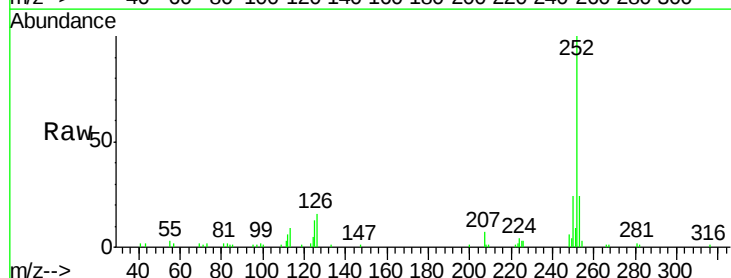
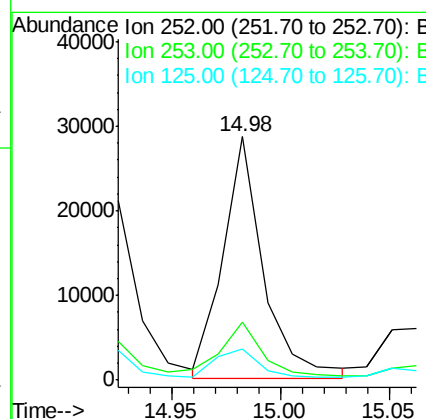
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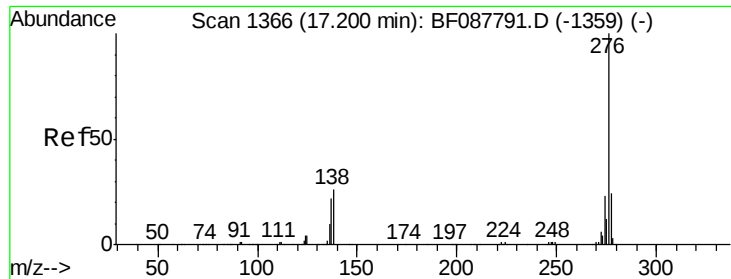
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#89
Benzo(a)pyrene
Concen: 4.50 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.07 min
Lab File: BF088422.D
Acq: 26 Jun 2016 17:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	13.0	12.5	18.7





#91
 Benzo(a,h,i)perylene
 Concen: 3.26 ng
 RT: 16.63 min Scan# 1316
 Delta R.T. -0.11 min
 Lab File: BF088422.D
 Acq: 26 Jun 2016 17:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.3	18.9	28.3
138	25.1	21.4	32.2

Manual Integrations
 APPROVED

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