

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088585.D
 Acq On : 1 Jul 2016 20:13
 Operator : UM/SJ
 Sample : H3836-08 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C1.1-01

Manual Integrations
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Quant Time: Jul 02 03:25:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	132433	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	501264	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	209975	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	328977	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	262997	20.00	ng	-0.01
86) Perylene-d12	15.35	264	220545	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	389772	44.11	ng	-0.01
7) Phenol-d6	6.43	99	533108	46.69	ng	-0.01
23) Nitrobenzene-d5	7.37	82	379238	39.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	70391	36.10	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	556858	41.89	ng	-0.01
78) Terphenyl-d14	12.90	244	400015	33.88	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.56	163	48360	3.23	ng	99
70) Phenanthrene	11.34	178	66139	3.68	ng	99
74) Fluoranthene	12.53	202	97654	5.36	ng	97
77) Pyrene	12.75	202	76849	3.45	ng	98
80) Benzo(a)anthracene	13.93	228	43067	2.54	ng	95
87) Benzo(b)fluoranthene	14.95	252	45854m	3.31	ng	
89) Benzo(a)pyrene	15.28	252	25439	2.17	ng	# 84
91) Benzo(g,h,i)perylene	17.09	276	22150	2.19	ng	97

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

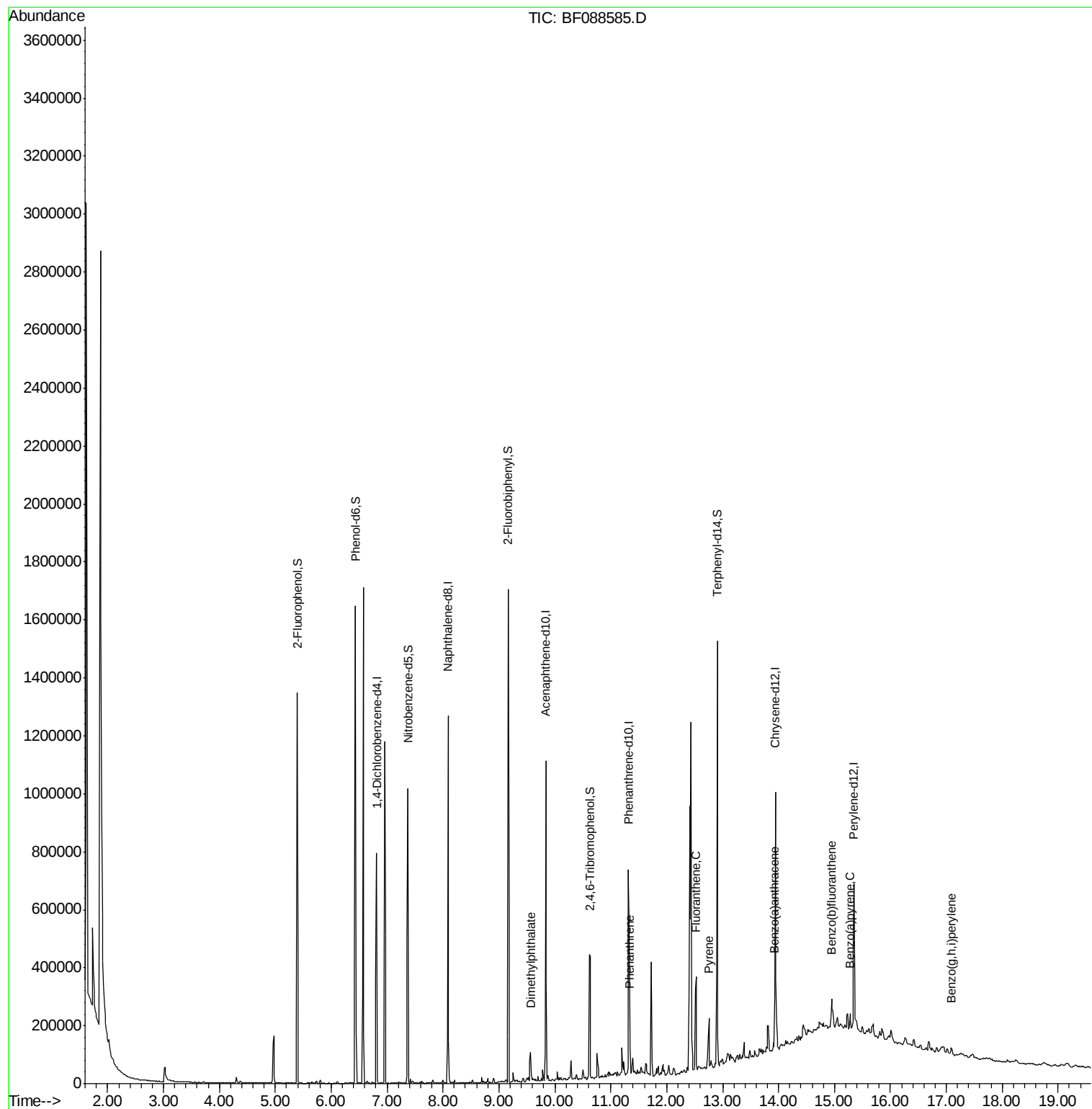
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
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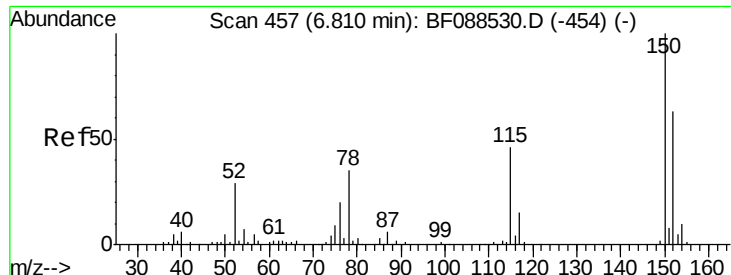
Instrument :
BNA_F
ClientSampleId :
C1.1-01

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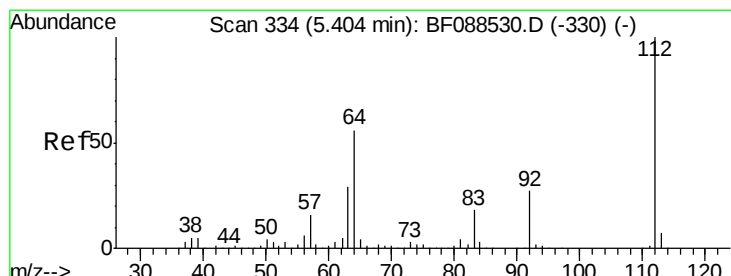
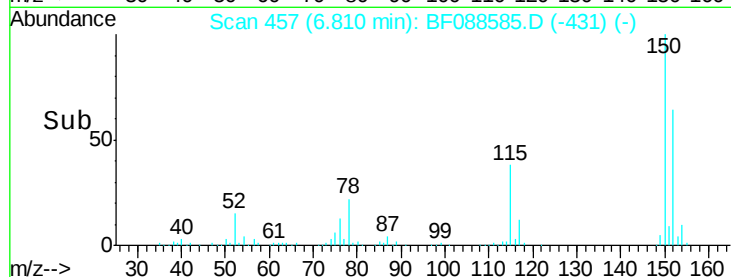
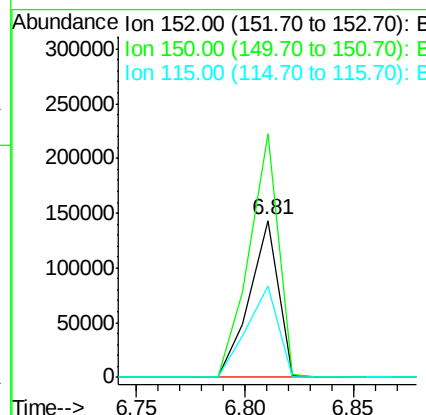
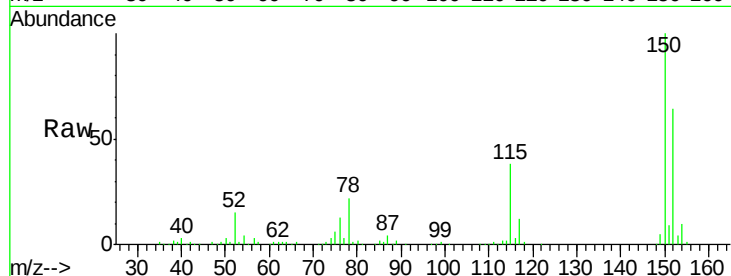
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF088585.D
 Acq: 1 Jul 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 C1.1-01

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	132433		
150	155.3	123.8	185.6	
115	58.5	39.6	59.4	

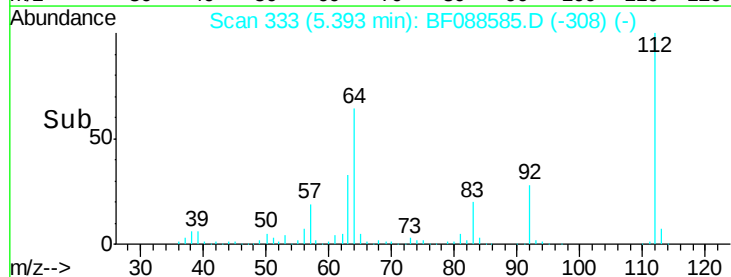
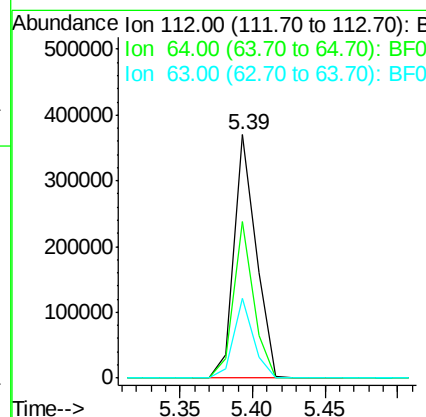
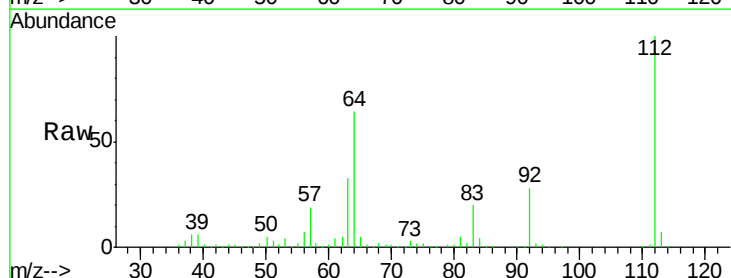
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#5
 2-Fluorophenol
 Concen: 44.11 ng
 RT: 5.39 min Scan# 333
 Delta R.T. -0.01 min
 Lab File: BF088585.D
 Acq: 1 Jul 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	389772		
64	64.3	42.2	63.2#	
63	32.9	21.8	32.8#	





#7

Phenol-d6

Concen: 46.69 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088585.D

Acq: 1 Jul 2016 20:13

Instrument :

BNA_F

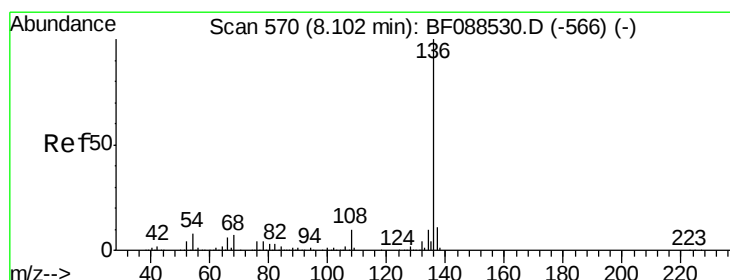
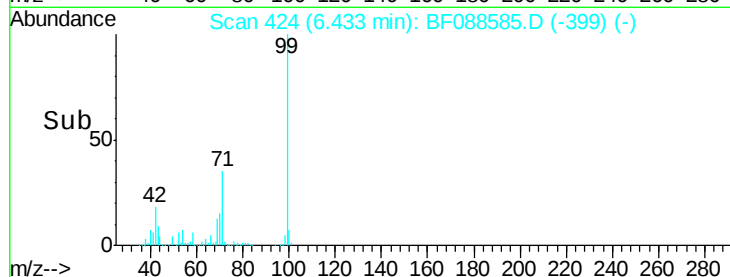
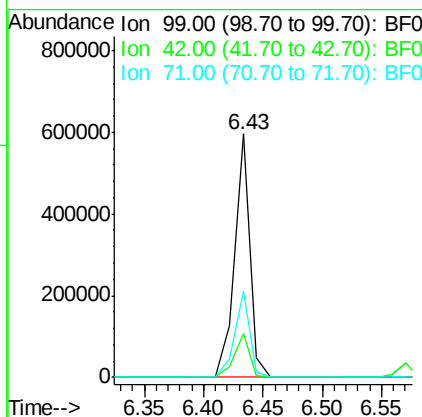
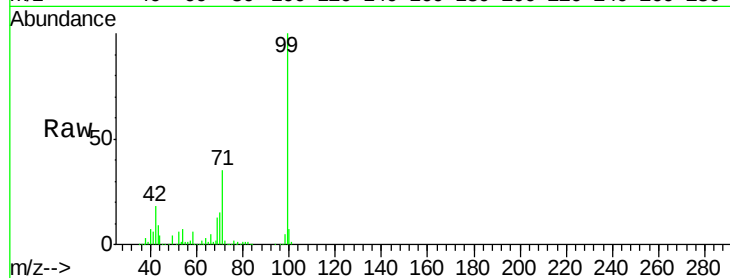
ClientSampleId :

C1.1-01

Tgt Ion	Ratio	Lower	Upper
99	100		
42	18.0	12.2	18.2
71	35.5	23.4	35.0

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#21

Naphthalene-d8

Concen: 20.00 ng

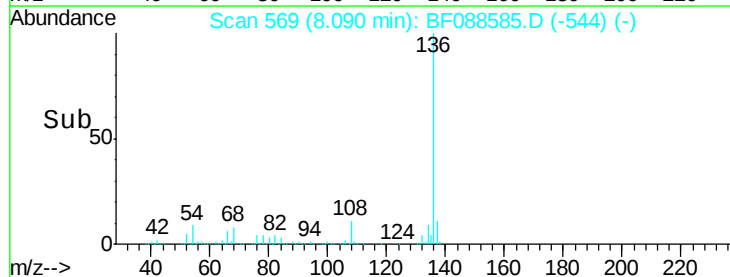
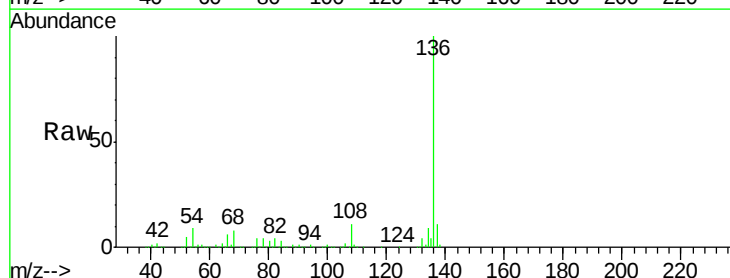
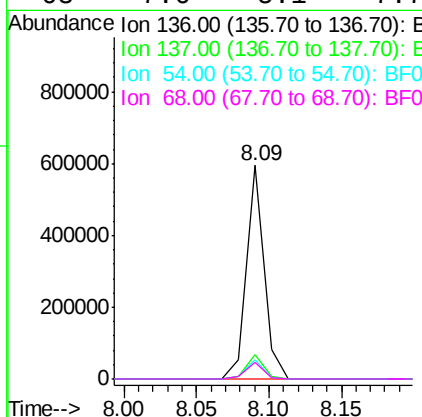
RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088585.D

Acq: 1 Jul 2016 20:13

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.0	6.6	10.0
68	7.6	5.1	7.7





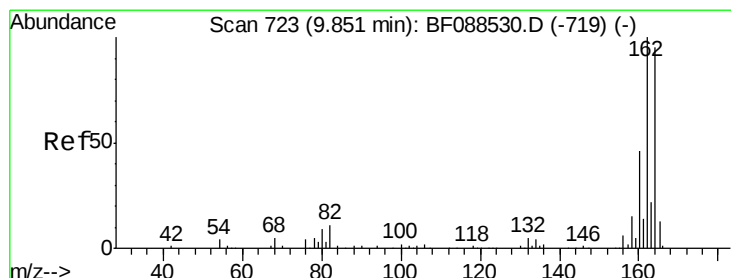
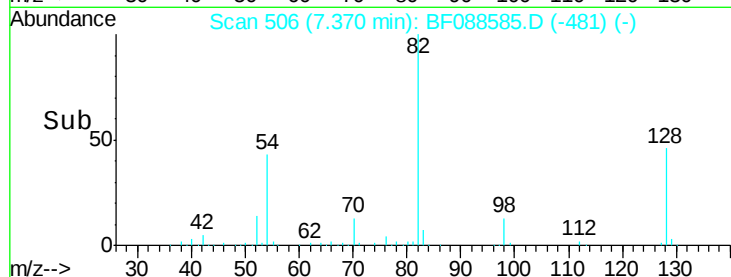
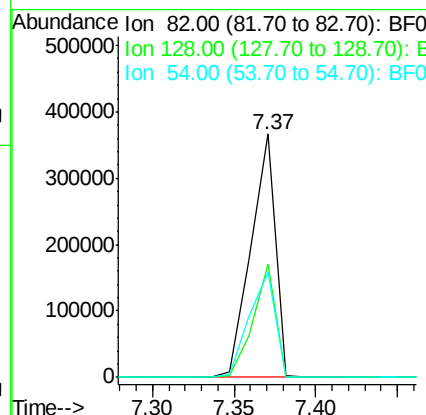
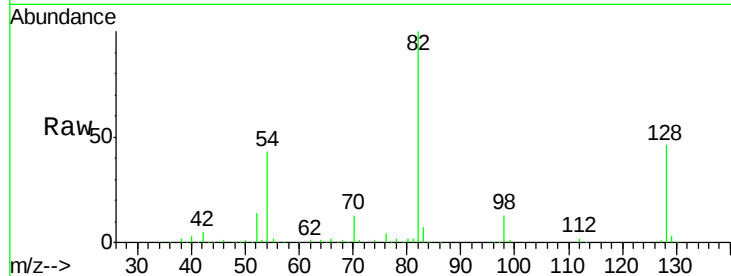
#23
 Nitrobenzene-d5
 Concen: 39.65 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF088585.D
 Acq: 1 Jul 2016 20:13

Instrument :
 BNA_F
 ClientSampled :
 C1.1-01

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	379238		
128	46.3	35.9	53.9	
54	43.2	40.9	61.3	

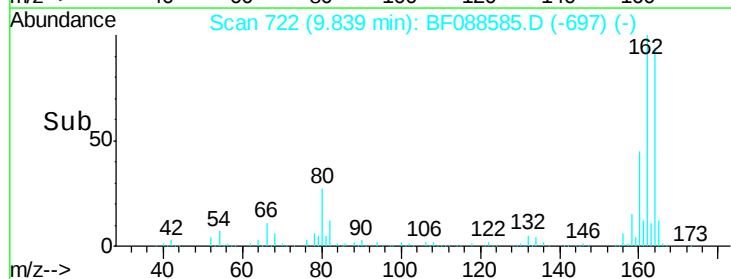
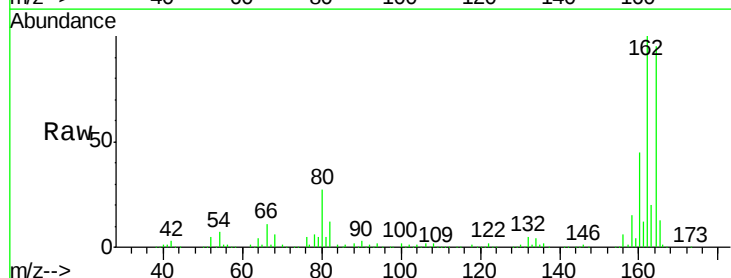
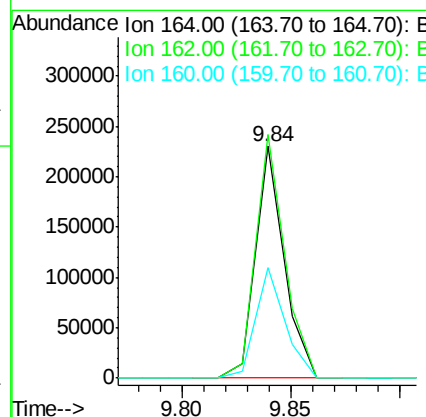
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088585.D
 Acq: 1 Jul 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	209975		
162	105.0	85.4	128.2	
160	47.5	39.5	59.3	





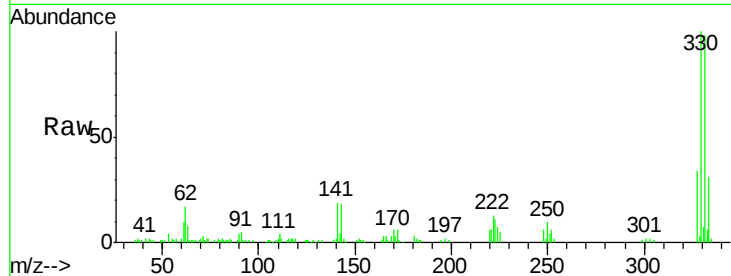
#41
 2,4,6-Tribromophenol
 Concen: 36.10 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF088585.D
 Acq: 1 Jul 2016 20:13

Instrument :
 BNA_F
 ClientSampled :
 C1.1-01

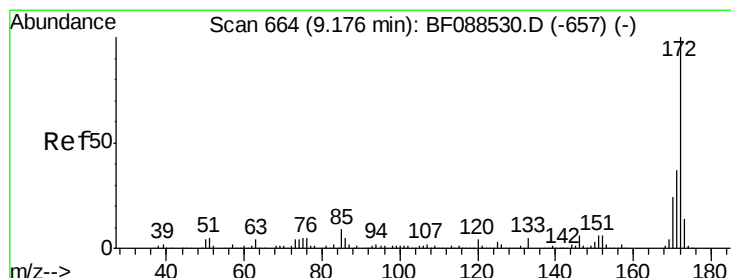
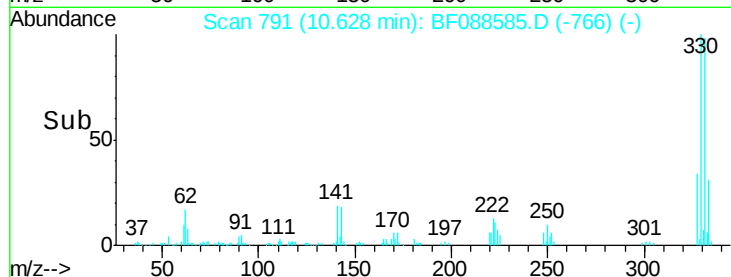
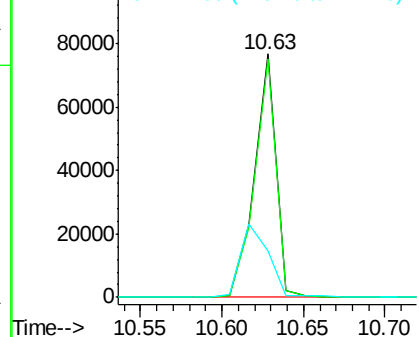
Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.6	0.0	0.0#
141	38.9	0.0	0.0#

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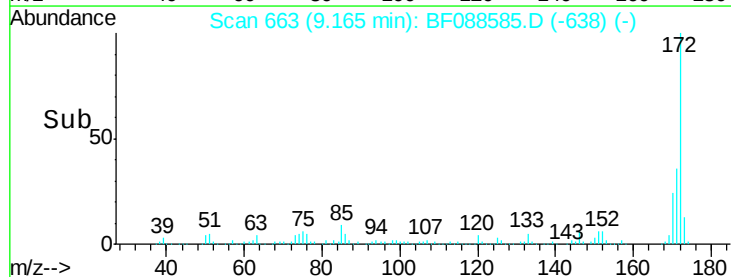
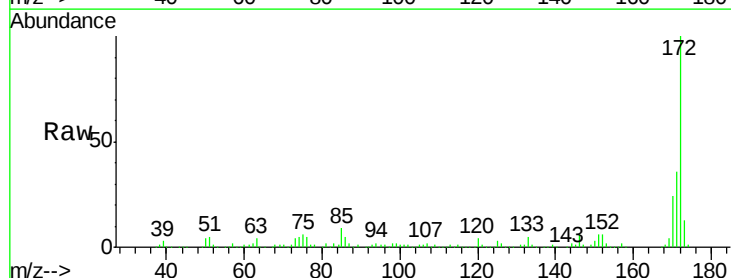
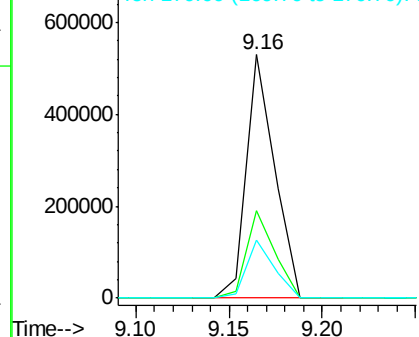
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

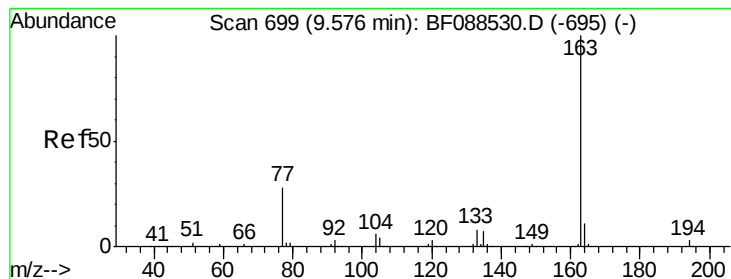


#44
 2-Fluorobiphenyl
 Concen: 41.89 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.01 min
 Lab File: BF088585.D
 Acq: 1 Jul 2016 20:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.8	28.6	43.0
170	23.7	19.2	28.8

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: 3.23 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF088585.D

Acq: 1 Jul 2016 20:13

Instrument :

BNA_F

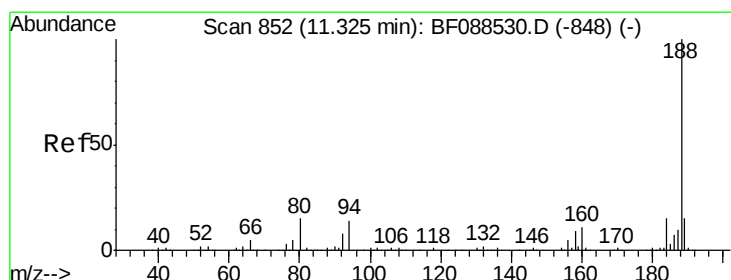
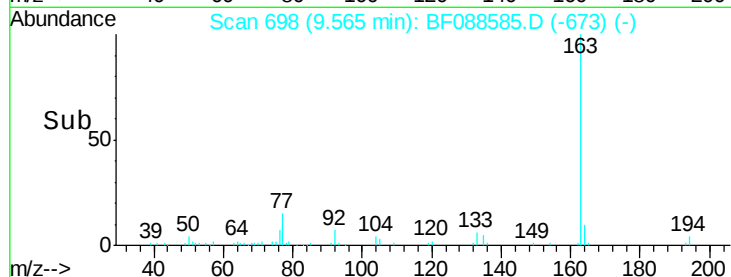
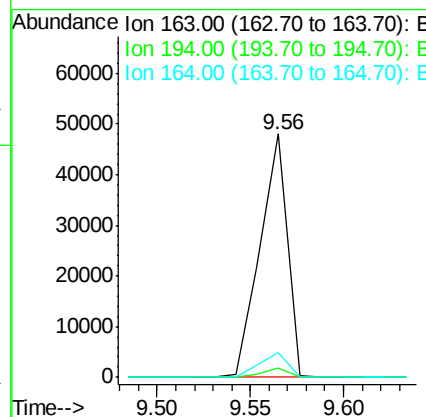
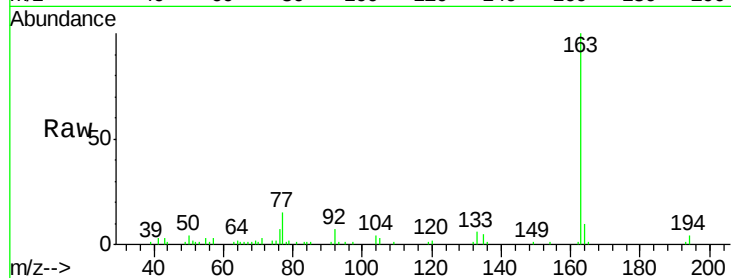
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	48360		
194	3.9		2.8	4.2
164	10.0		8.3	12.5

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#63

Phenanthrene-d10

Concen: 20.00 ng

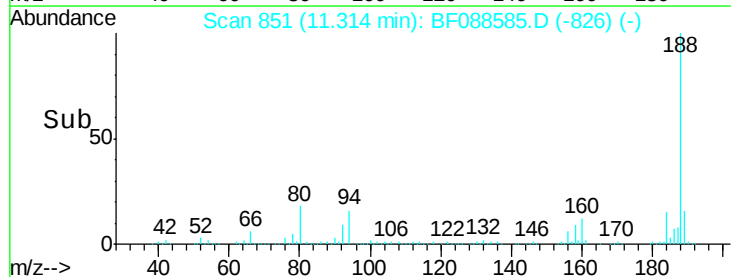
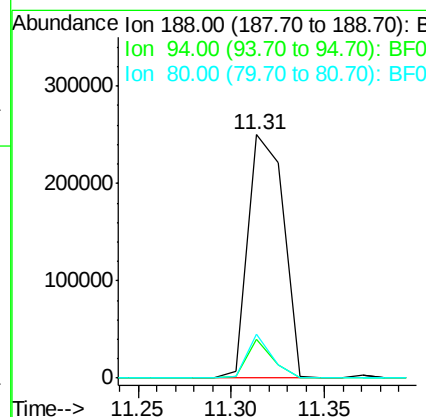
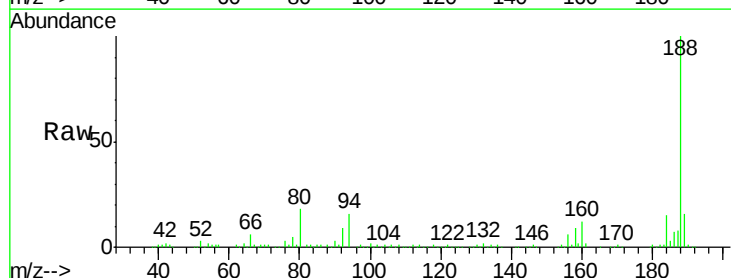
RT: 11.31 min Scan# 851

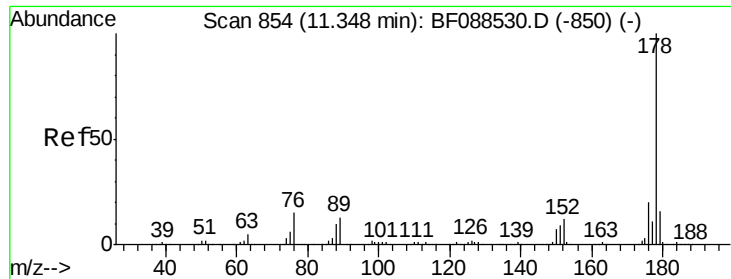
Delta R.T. -0.01 min

Lab File: BF088585.D

Acq: 1 Jul 2016 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	328977		
94	15.9		9.0	13.6#
80	18.1		10.0	15.0#





#70

Phenanthrene

Concen: 3.68 ng

RT: 11.34 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF088585.D

Acq: 1 Jul 2016 20:13

Instrument :

BNA_F

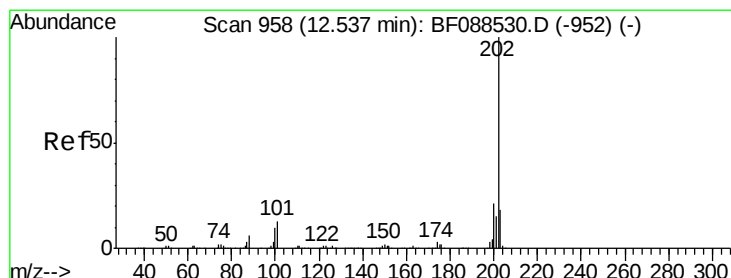
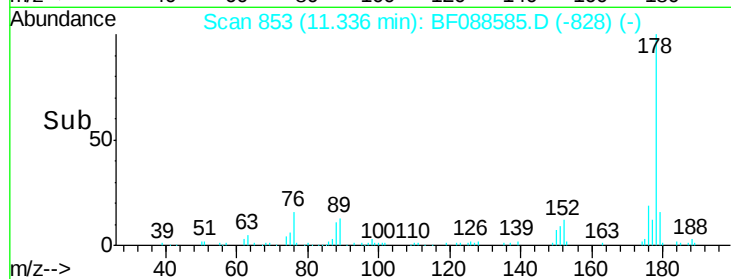
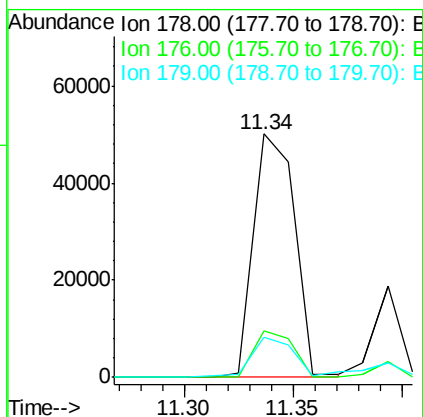
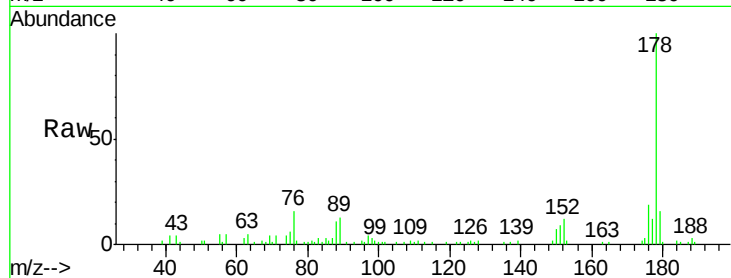
ClientSampleId :

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Tgt Ion:	178	Resp:	66139
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.8	23.6
179	16.4	13.0	19.4

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#74

Fluoranthene

Concen: 5.36 ng

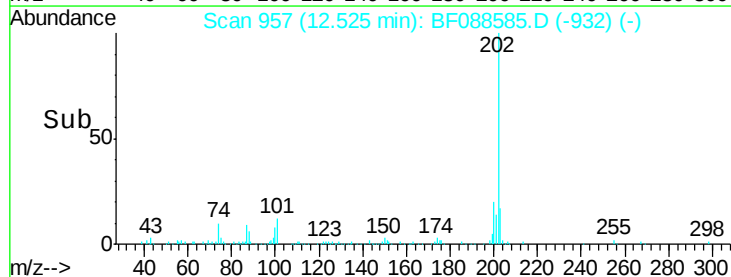
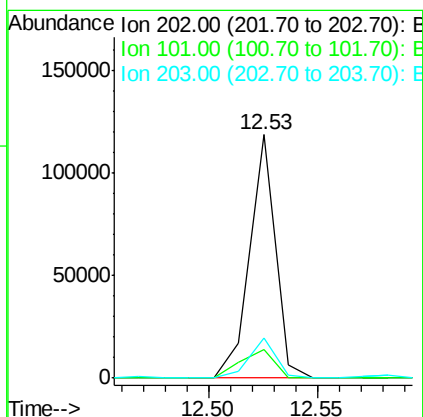
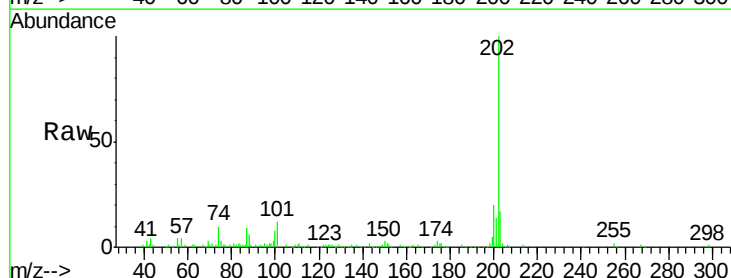
RT: 12.53 min Scan# 957

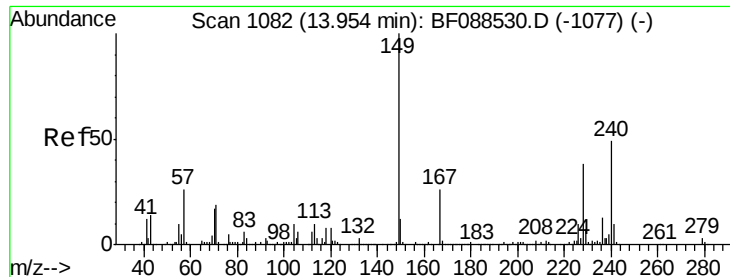
Delta R.T. -0.01 min

Lab File: BF088585.D

Acq: 1 Jul 2016 20:13

Tgt Ion:	202	Resp:	97654
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	33.1
203	16.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.01 min

Lab File: BF088585.D

Acq: 1 Jul 2016 20:13

Instrument :

BNA_F

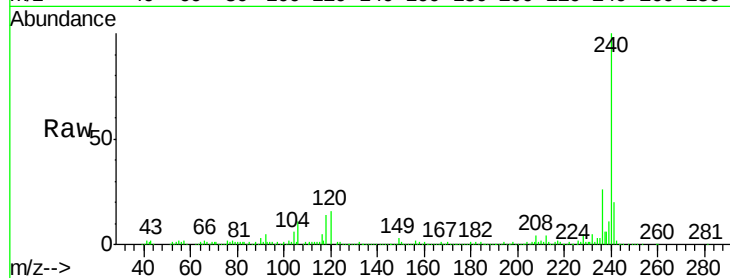
ClientSampled :

C1.1-01

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	262997		
120	15.8	6.8	10.2	
236	26.0	20.2	30.2	

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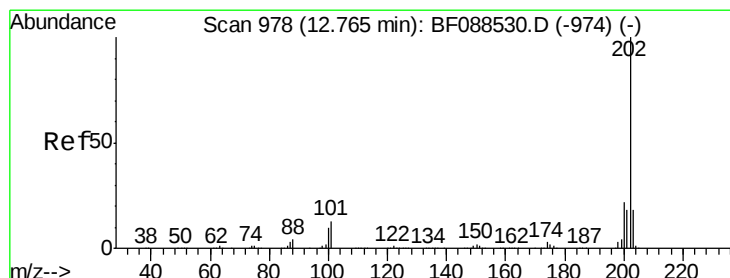
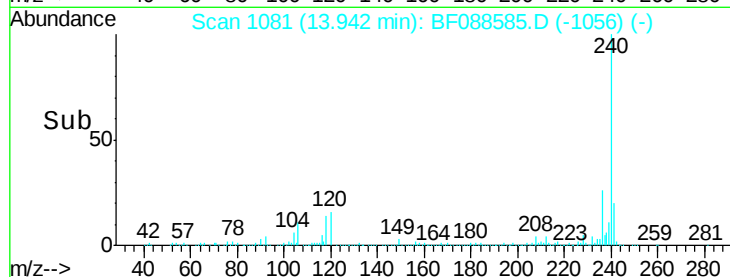
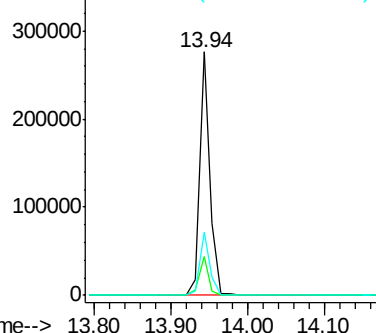
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.45 ng

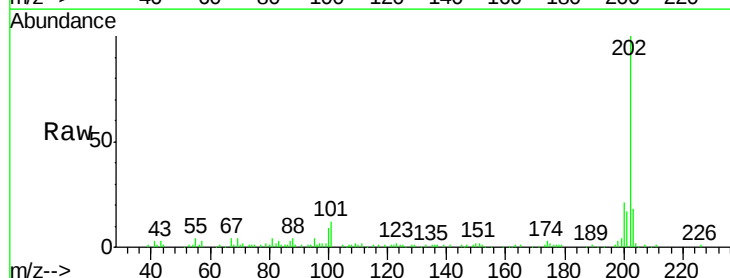
RT: 12.75 min Scan# 977

Delta R.T. -0.01 min

Lab File: BF088585.D

Acq: 1 Jul 2016 20:13

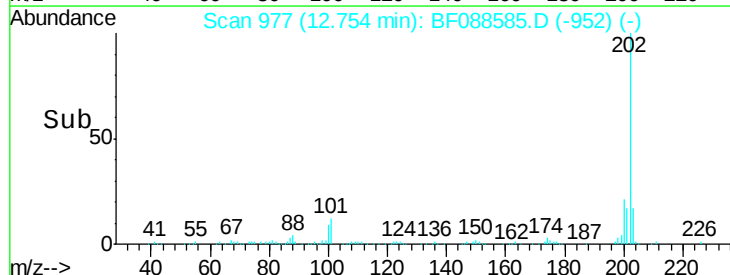
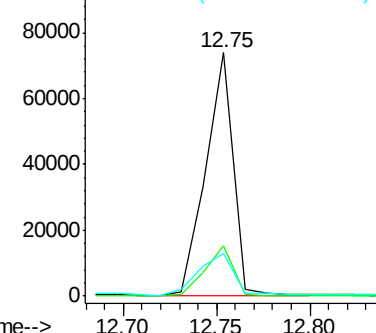
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	76849		
200	20.9	17.4	26.2	
203	17.6	14.5	21.7	

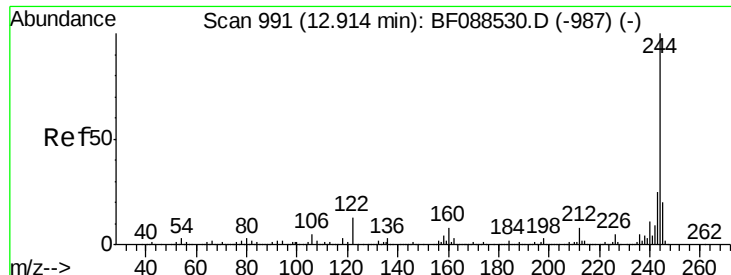


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





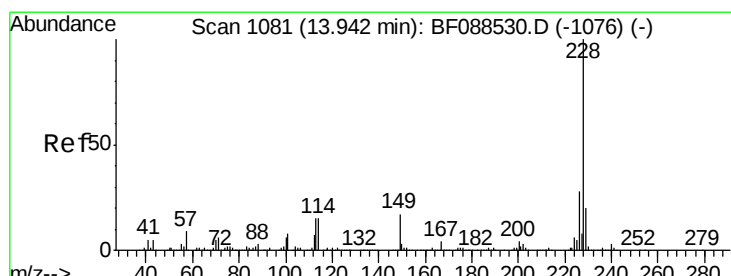
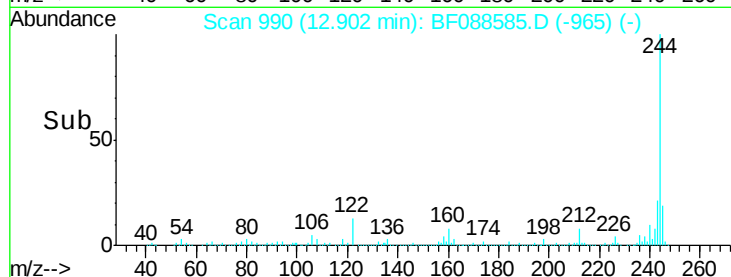
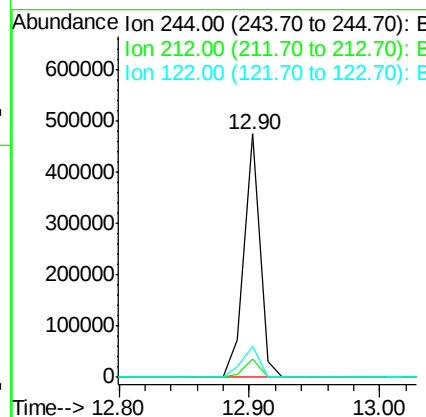
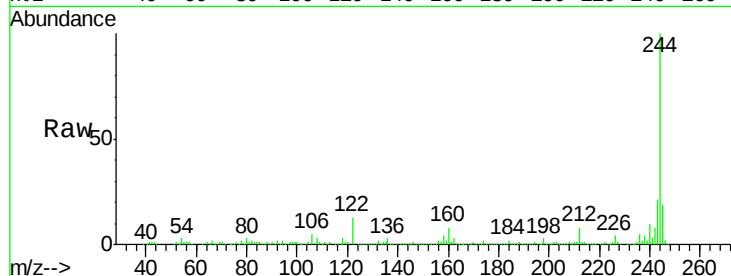
#78
 Terphenyl-d14
 Concen: 33.88 ng
 RT: 12.90 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF088585.D
 Acq: 1 Jul 2016 20:13

Instrument :
 BNA_F
 ClientSampleId :
 C1.1-01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	12.9	11.2	16.8

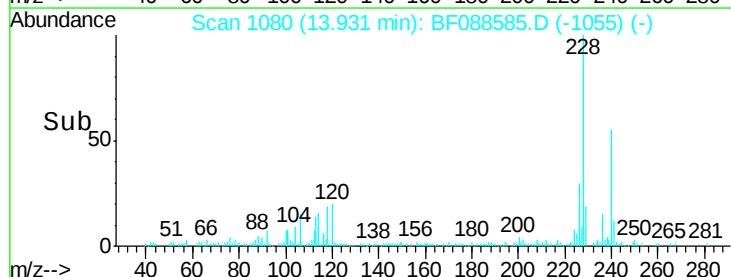
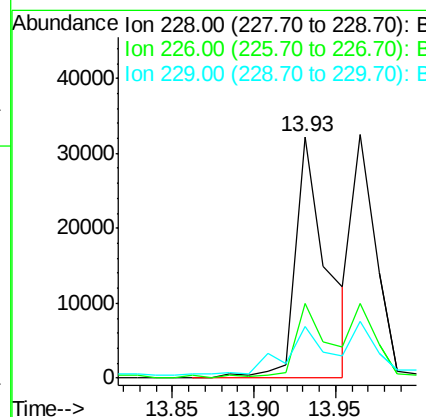
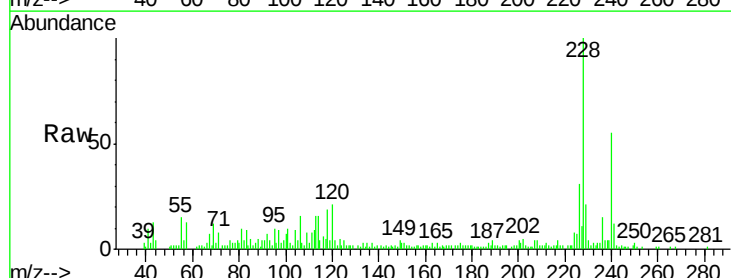
Manual Integrations
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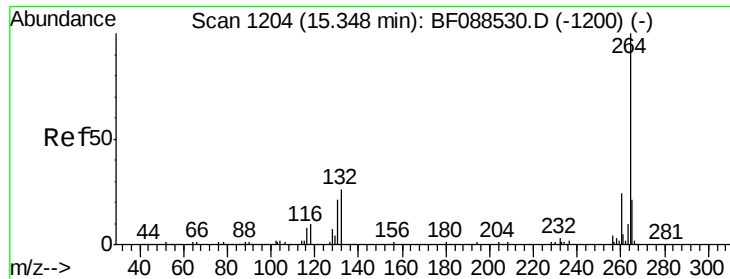
sohil
 7/5/2016 7:31:14 PM



#80
 Benzo(a)anthracene
 Concen: 2.54 ng
 RT: 13.93 min Scan# 1080
 Delta R.T. -0.01 min
 Lab File: BF088585.D
 Acq: 1 Jul 2016 20:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	22.3	33.5
229	21.4	16.0	24.0





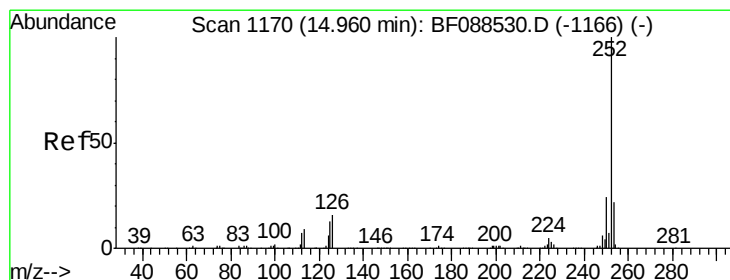
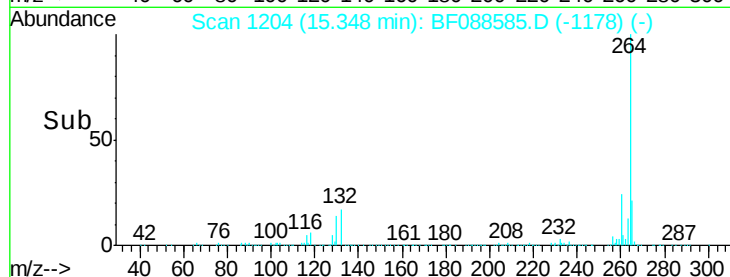
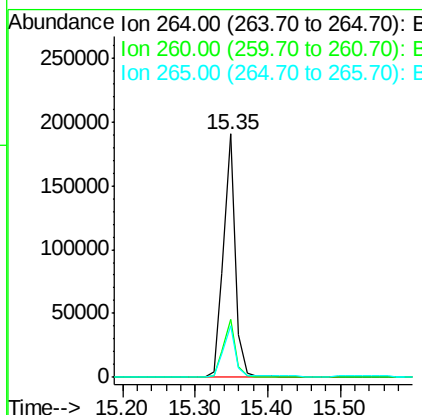
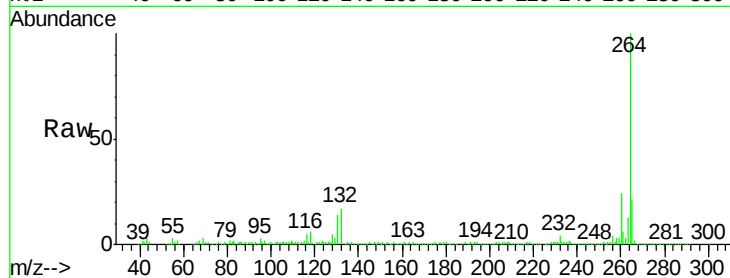
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF088585.D
Acq: 1 Jul 2016 20:13

Instrument :
BNA_F
ClientSampled :
C1.1-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	16.9	25.3

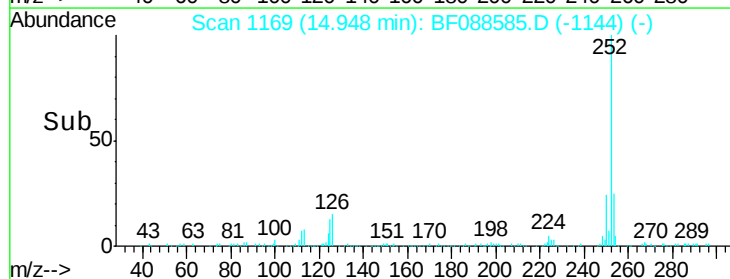
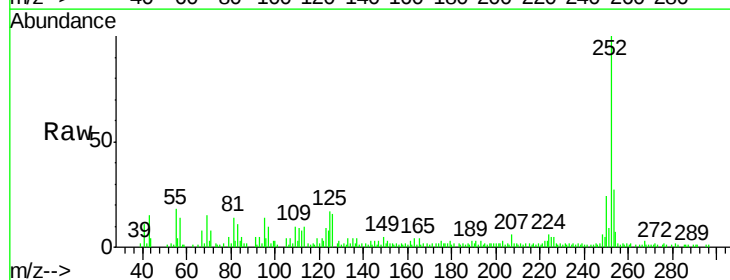
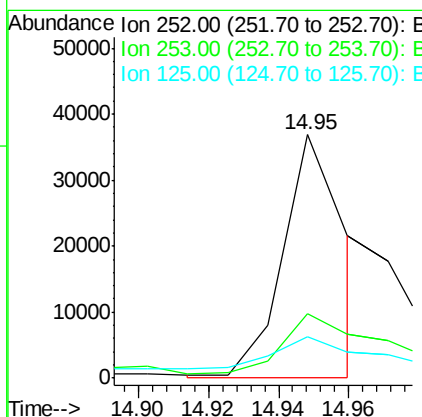
Manual Integrations
APPROVED

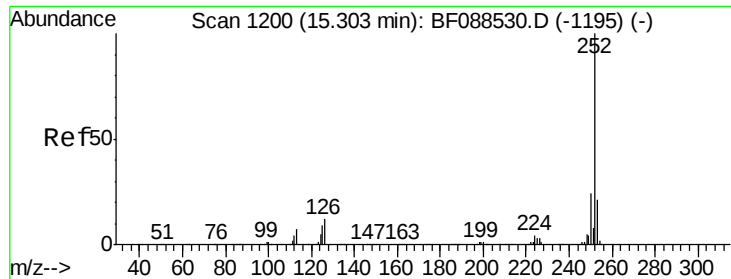
sohil
7/5/2016 7:31:14 PM



#87
Benzo(b)fluoranthene
Concen: 3.31 ng m
RT: 14.95 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF088585.D
Acq: 1 Jul 2016 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.4	26.2#
125	17.2	7.1	10.7#





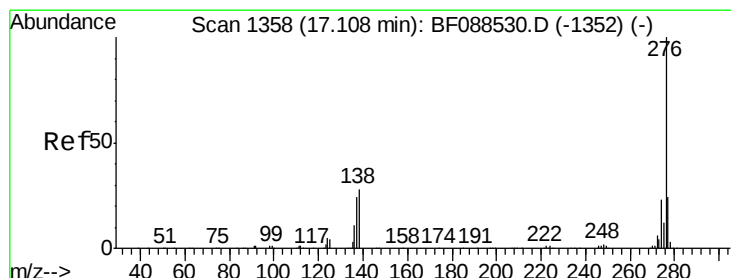
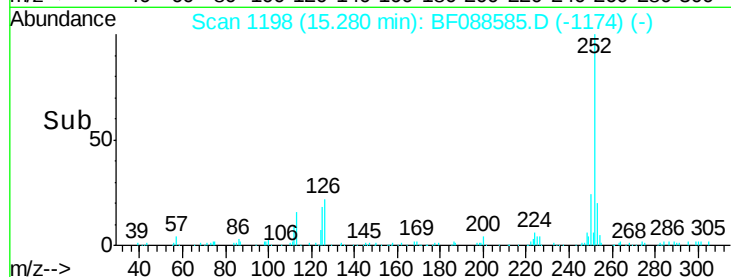
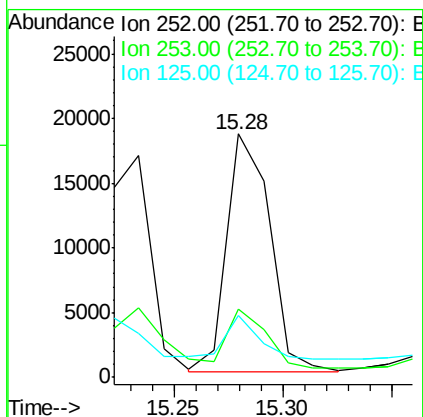
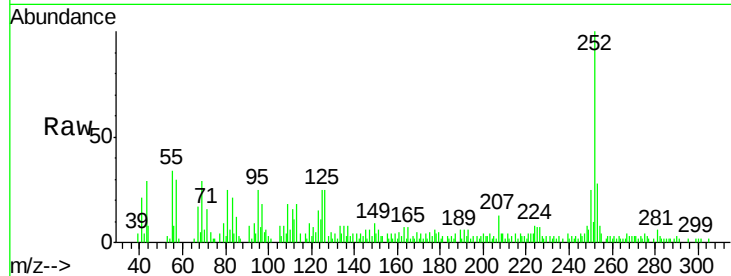
#89
Benzo(a)pyrene
Concen: 2.17 ng
RT: 15.28 min Scan# 1198
Delta R.T. -0.02 min
Lab File: BF088585.D
Acq: 1 Jul 2016 20:13

Instrument :
BNA_F
ClientSampled :
C1.1-01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.9	26.9#
125	25.4	12.5	18.7#

Manual Integrations
APPROVED

sohil
7/5/2016 7:31:14 PM



#91
Benzo(g,h,i)perylene
Concen: 2.19 ng
RT: 17.09 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF088585.D
Acq: 1 Jul 2016 20:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.7	18.9	28.3
138	27.9	21.4	32.2

