

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
 Data File : BF085116.D
 Acq On : 2 Mar 2016 13:44
 Operator : SJ/IZ
 Sample : H1629-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOP-UNEXCAUATED

Manual Integrations
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Quant Time: Mar 03 05:28:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 13:25:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	185722	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	804719	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	353746	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	672747	20.00	ng	0.00
75) Chrysene-d12	14.15	240	499698	20.00	ng	0.00
86) Perylene-d12	15.63	264	418749	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1394937	121.94	ng	0.01
7) Phenol-d6	6.61	99	1627815	108.54	ng	0.00
23) Nitrobenzene-d5	7.54	82	1069161	70.69	ng	-0.02
41) 2,4,6-Tribromophenol	10.81	330	417270	117.38	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	1660991	69.15	ng	0.00
78) Terphenyl-d14	13.10	244	1602325	75.22	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.94	122	6438	13.01	ng	99
49) Dimethylphthalate	9.74	163	265149	10.11	ng	98
70) Phenanthrene	11.53	178	115225	3.44	ng	96
74) Fluoranthene	12.72	202	246239	6.70	ng	94
77) Pyrene	12.95	202	208602	6.12	ng	96
80) Benzo(a)anthracene	14.14	228	93456	3.22	ng	97
82) Chrysene	14.17	228	83097m	3.14	ng	
85) Indeno(1,2,3-cd)pyrene	17.09	276	55778	2.49	ng	# 92
87) Benzo(b)fluoranthene	15.19	252	93986m	3.69	ng	
89) Benzo(a)pyrene	15.56	252	67274m	3.14	ng	
91) Benzo(g,h,i)perylene	17.53	276	66844	3.40	ng	96

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

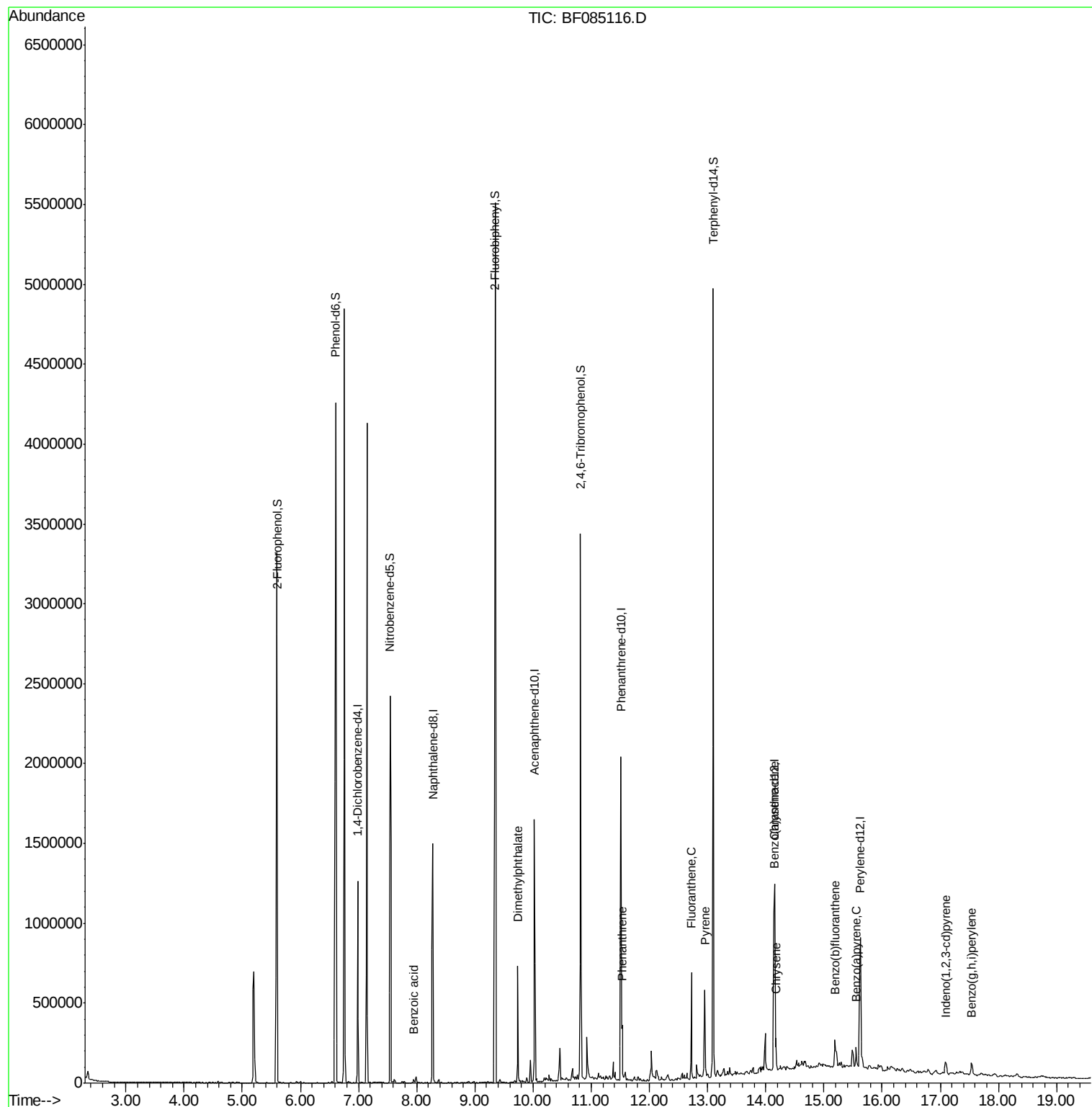
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030216\
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Sample : H1629-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

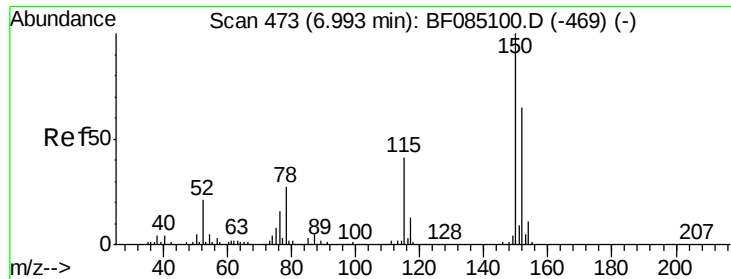
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030116.M
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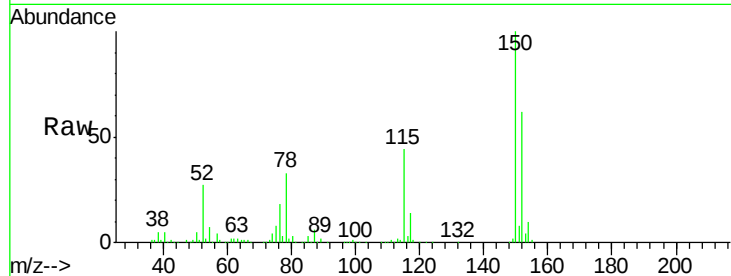




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF085116.D
Acq: 2 Mar 2016 13:44

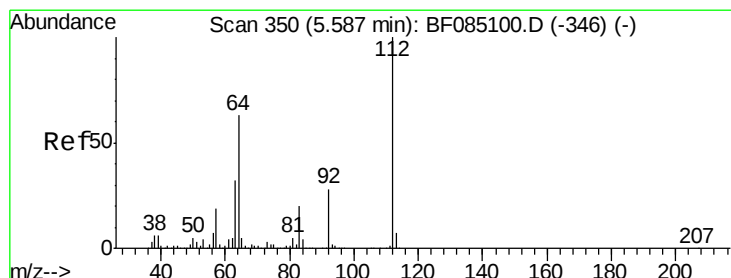
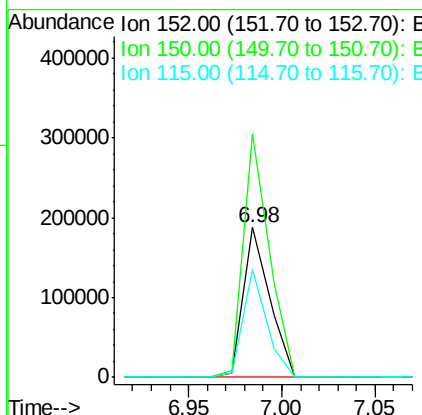
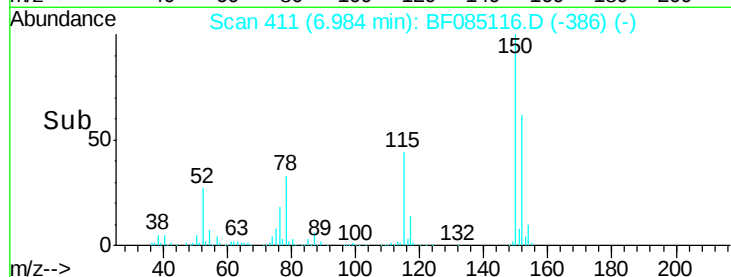
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	162.6	123.4	185.0
115	72.3	50.0	75.0

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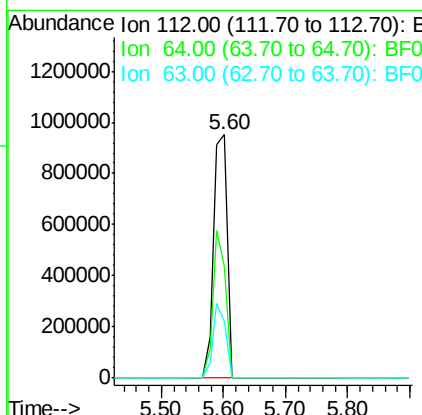
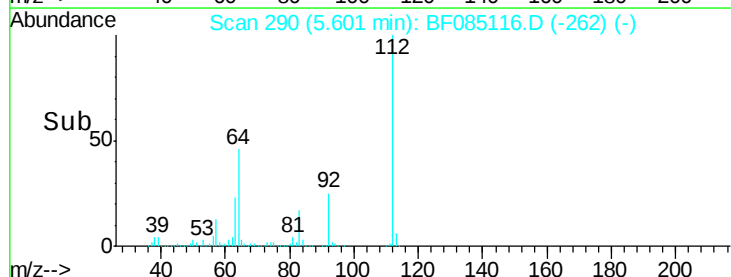
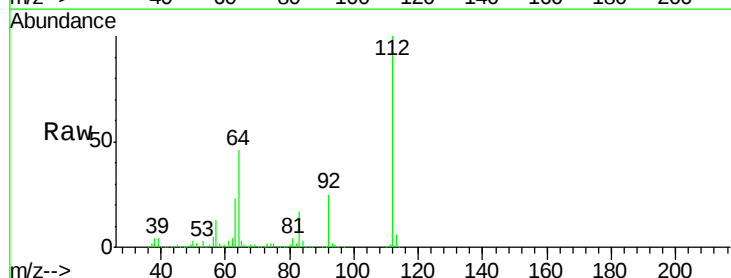
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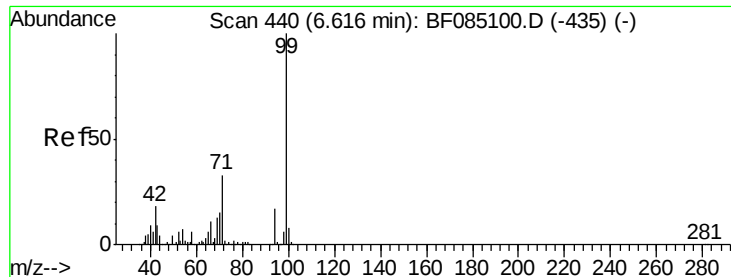


#5

2-Fluorophenol
Concen: 121.94 ng
RT: 5.60 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF085116.D
Acq: 2 Mar 2016 13:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.8	50.6	76.0#
63	23.3	25.5	38.3#





#7

Phenol-d6

Concen: 108.54 ng

RT: 6.61 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085116.D

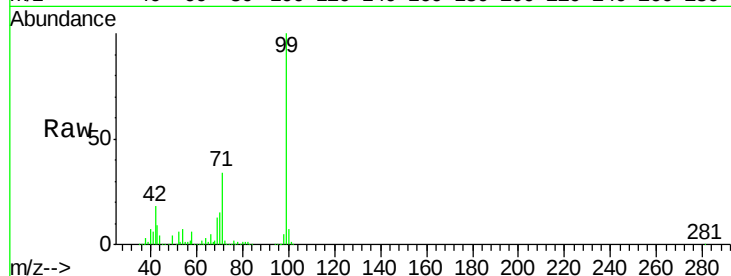
Acq: 2 Mar 2016 13:44

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1627815

Ion Ratio Lower Upper

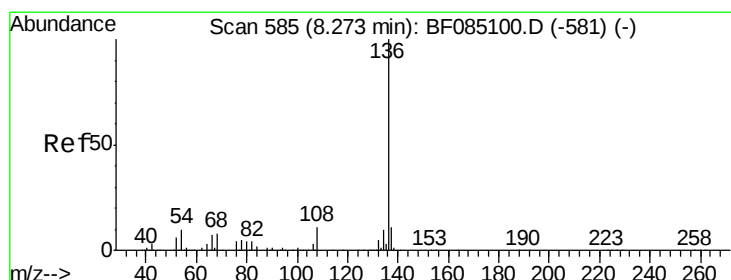
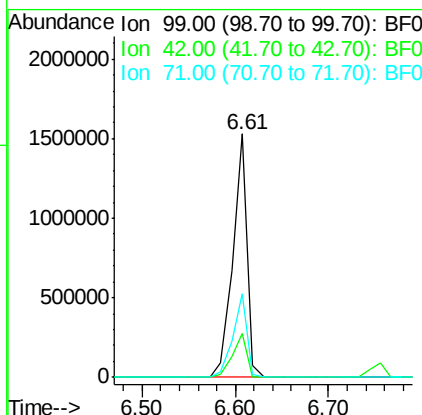
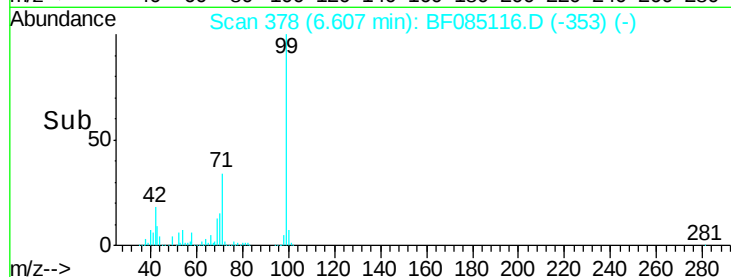
99 100

42 18.3 14.1 21.1

71 34.4 26.8 40.2

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.28 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF085116.D

Acq: 2 Mar 2016 13:44

Tgt Ion: 136 Resp: 804719

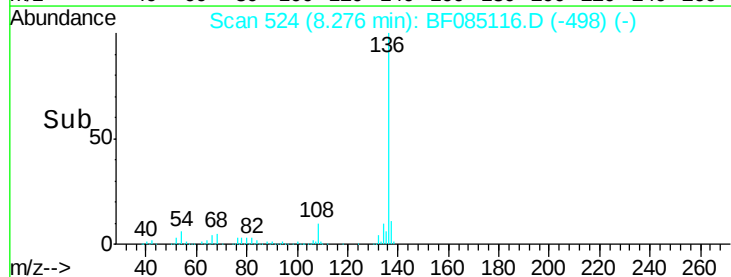
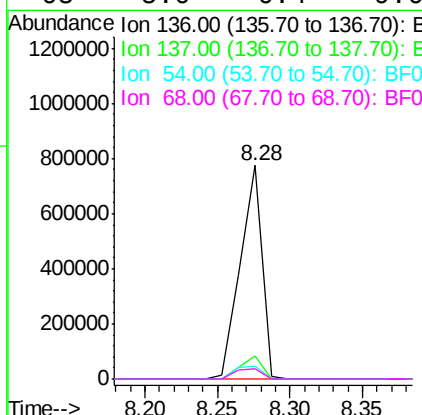
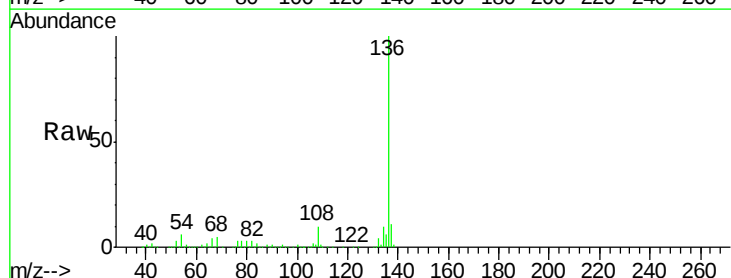
Ion Ratio Lower Upper

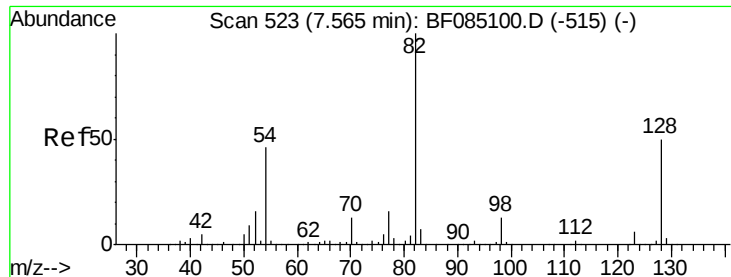
136 100

137 11.0 9.1 13.7

54 6.1 8.5 12.7#

68 5.0 6.4 9.6#





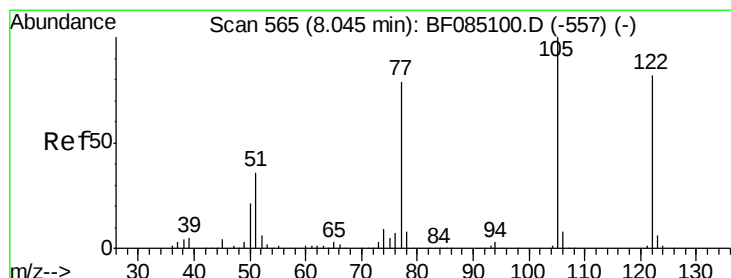
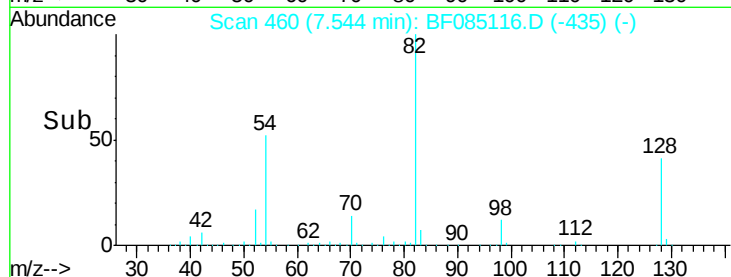
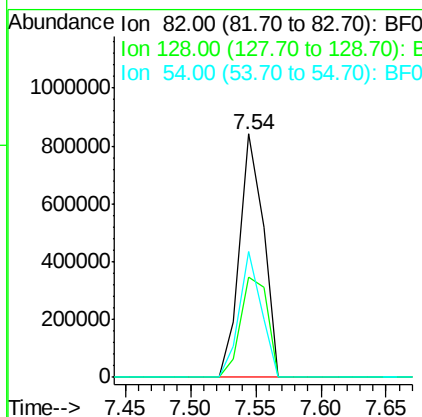
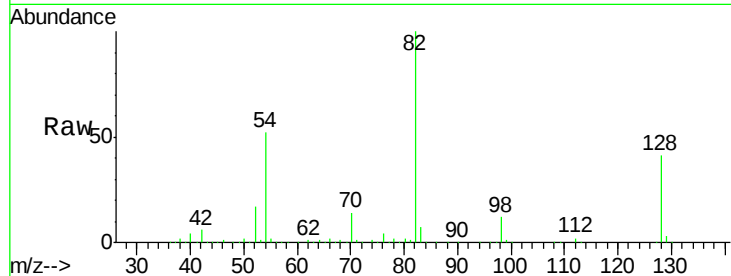
#23
 Nitrobenzene-d5
 Concen: 70.69 ng
 RT: 7.54 min Scan# 460
 Delta R.T. -0.02 min
 Lab File: BF085116.D
 Acq: 2 Mar 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion: 82 Resp: 1069161
 Ion Ratio Lower Upper
 82 100
 128 41.0 39.8 59.6
 54 51.7 36.6 54.8

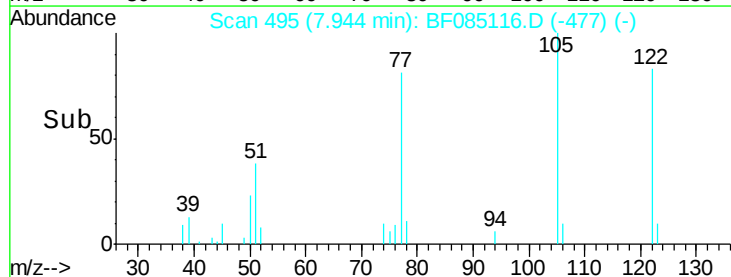
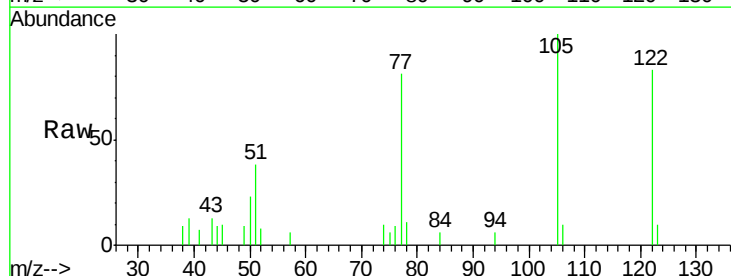
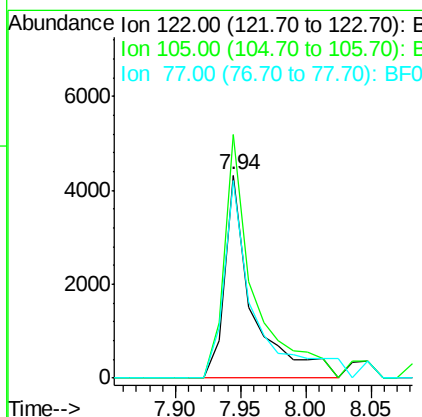
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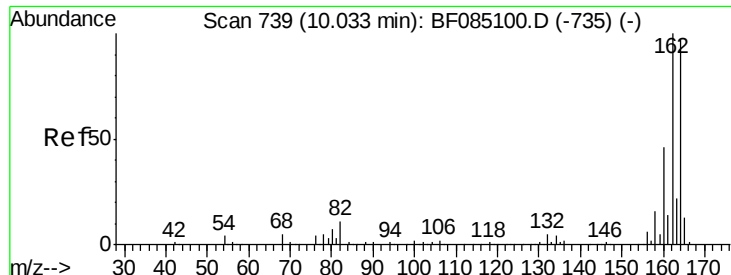
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#32
 Benzoic acid
 Concen: 13.01 ng
 RT: 7.94 min Scan# 495
 Delta R.T. -0.10 min
 Lab File: BF085116.D
 Acq: 2 Mar 2016 13:44

Tgt Ion: 122 Resp: 6438
 Ion Ratio Lower Upper
 122 100
 105 120.0 102.0 142.0
 77 97.5 76.8 116.8





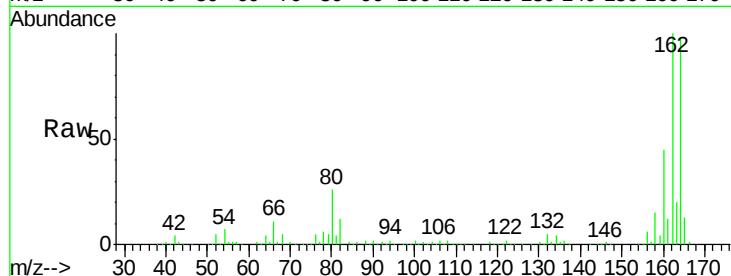
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.02 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: BF085116.D
 Acq: 2 Mar 2016 13:44

Instrument :
 BNA_F
 ClientSampleId :
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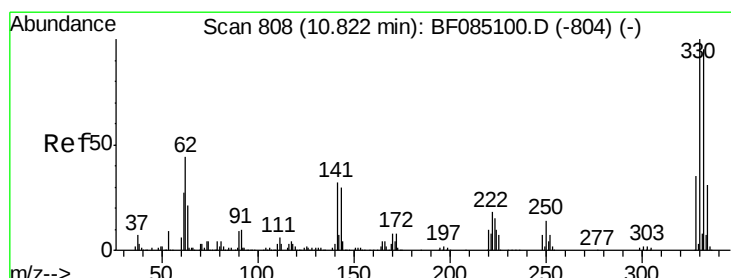
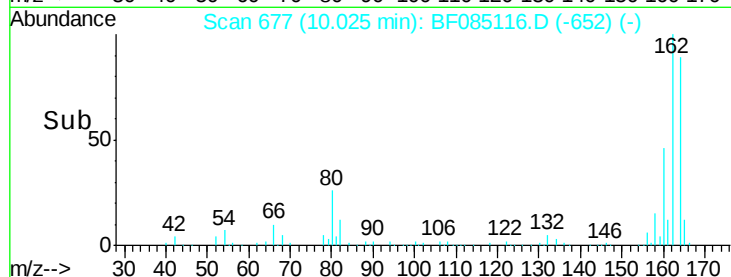
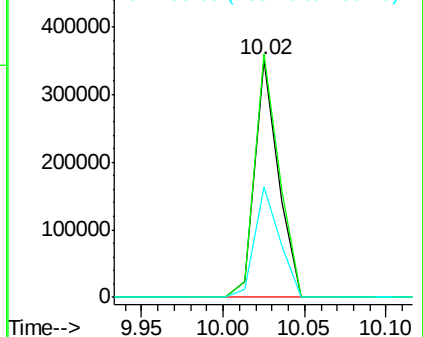
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	353746		
162	102.4	82.6	123.8	
160	46.3	38.2	57.2	

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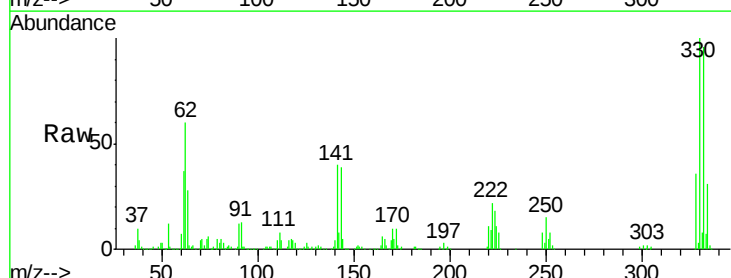


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

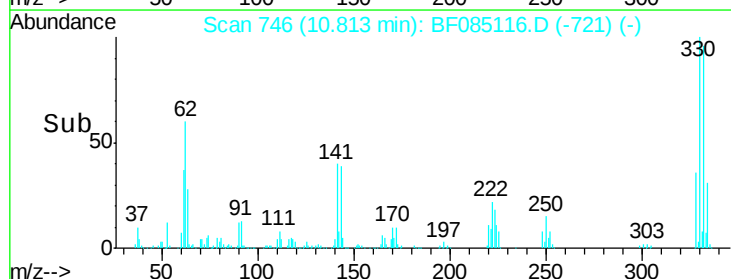
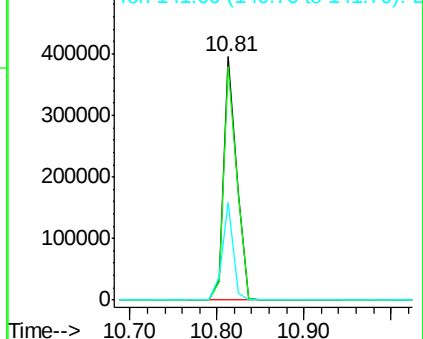


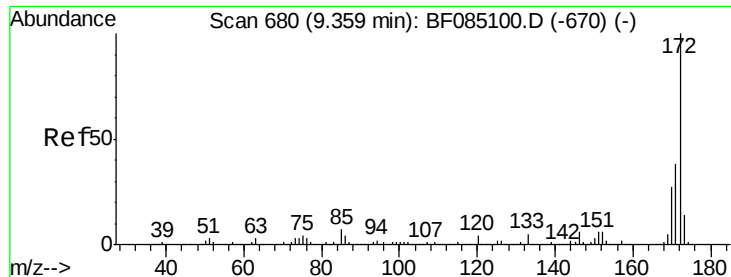
#41
 2,4,6-Tribromophenol
 Concen: 117.38 ng
 RT: 10.81 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF085116.D
 Acq: 2 Mar 2016 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	417270		
332	96.9	75.9	113.9	
141	34.9	28.9	43.3	



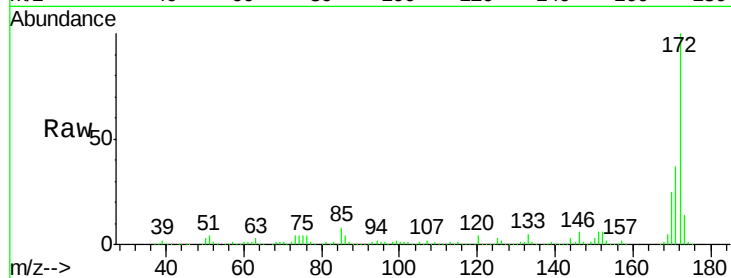
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E





#44
2-Fluorobiphenyl
Concen: 69.15 ng
RT: 9.35 min Scan# 618
Delta R.T. -0.01 min
Lab File: BF085116.D
Acq: 2 Mar 2016 13:44

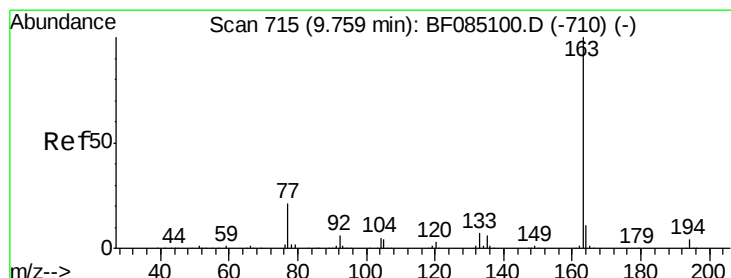
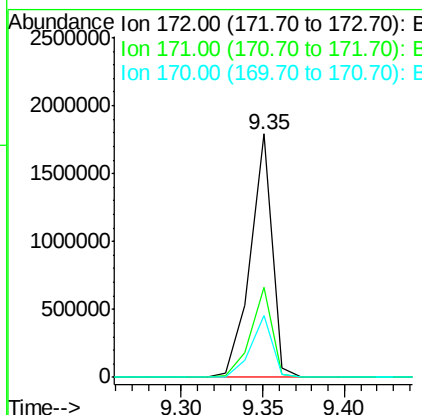
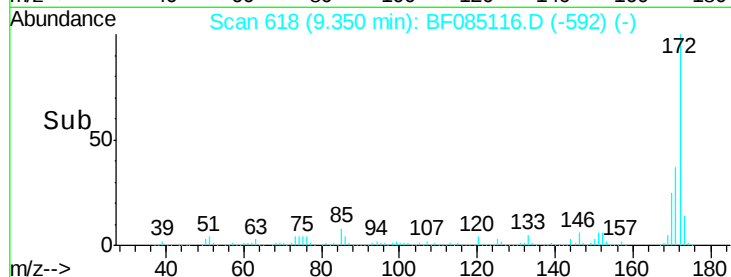
Instrument :
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Tgt Ion:172 Resp: 1660991
Ion Ratio Lower Upper
172 100
171 37.2 30.5 45.7
170 25.3 21.2 31.8

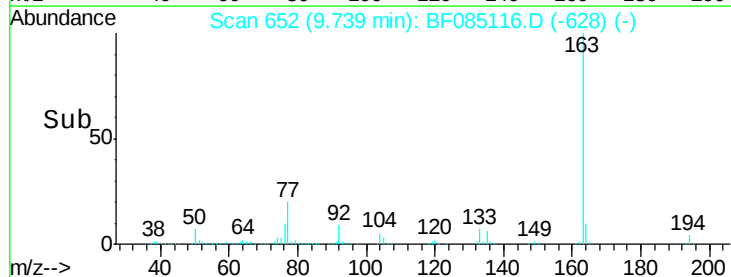
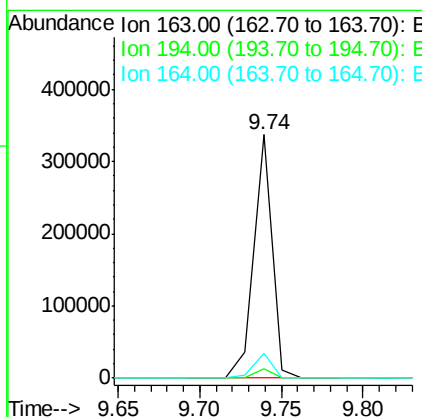
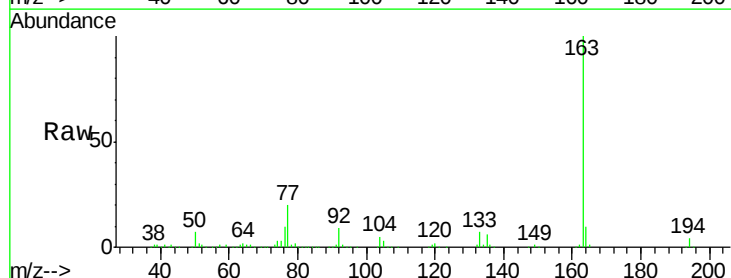
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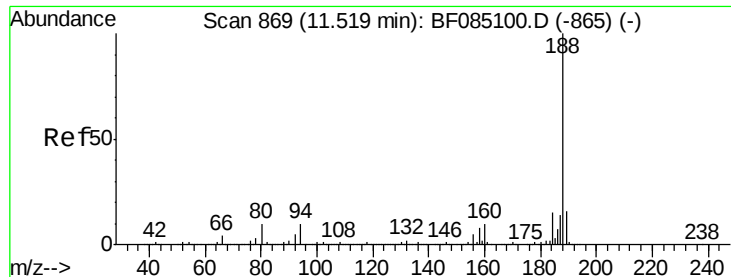
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#49
Dimethylphthalate
Concen: 10.11 ng
RT: 9.74 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF085116.D
Acq: 2 Mar 2016 13:44

Tgt Ion:163 Resp: 265149
Ion Ratio Lower Upper
163 100
194 3.7 2.9 4.3
164 9.9 8.6 12.8





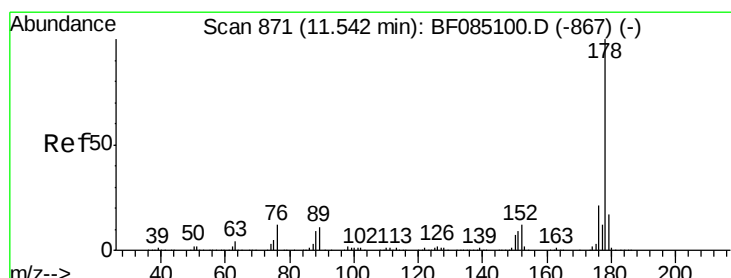
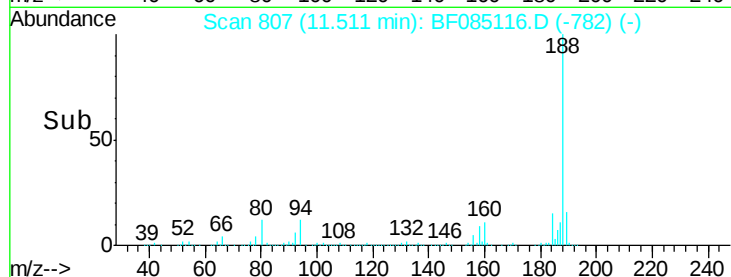
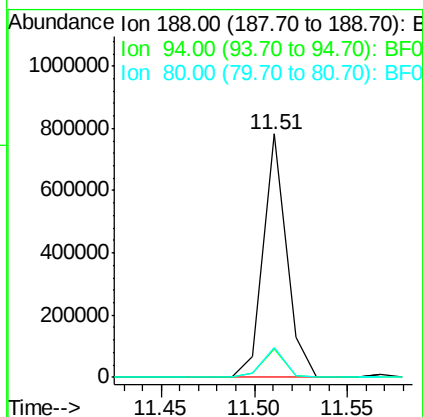
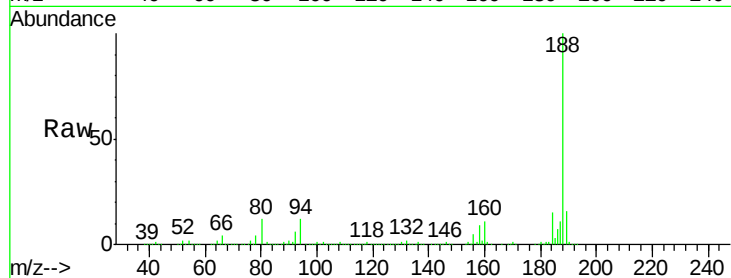
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF085116.D
Acq: 2 Mar 2016 13:44

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
188	100	672747		
94	11.5	7.8	11.6	
80	12.5	8.2	12.4	

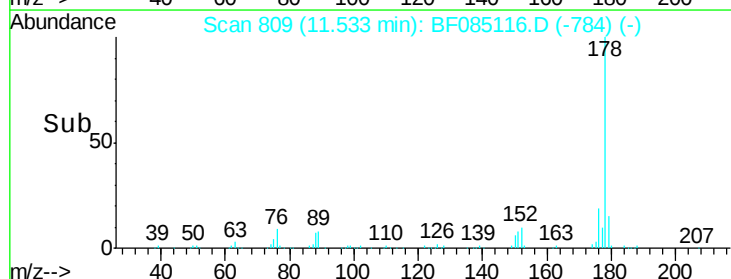
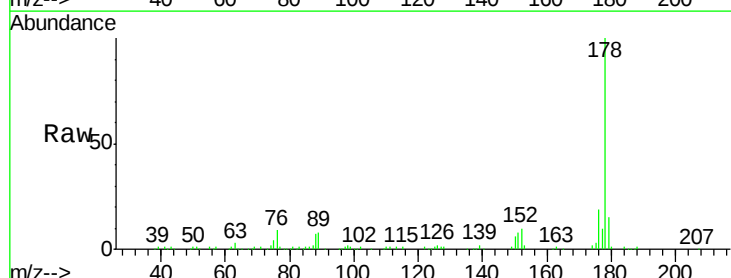
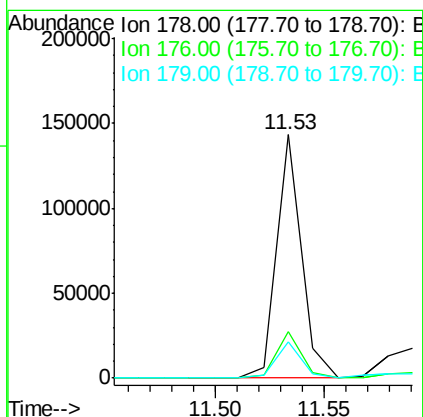
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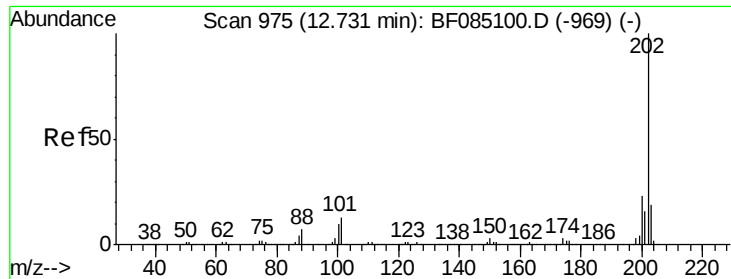
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#70
Phenanthrene
Concen: 3.44 ng
RT: 11.53 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF085116.D
Acq: 2 Mar 2016 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	115225		
176	19.1	17.0	25.6	
179	15.0	13.3	19.9	





#74

Fluoranthene

Concen: 6.70 ng

RT: 12.72 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF085116.D

Acq: 2 Mar 2016 13:44

Instrument :

BNA_F

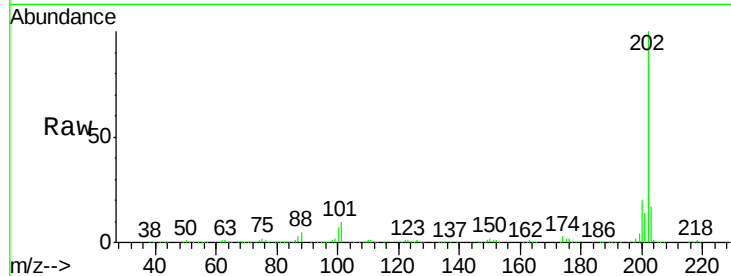
ClientSampleId :

TOP-UNEXCAUATED

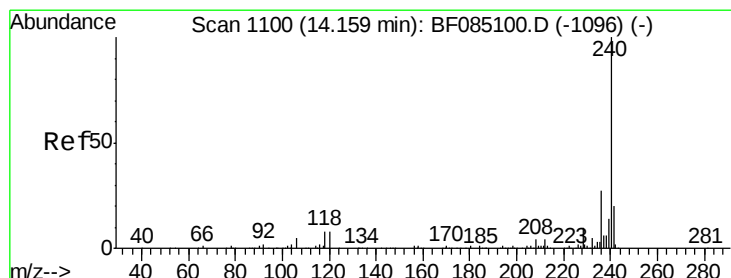
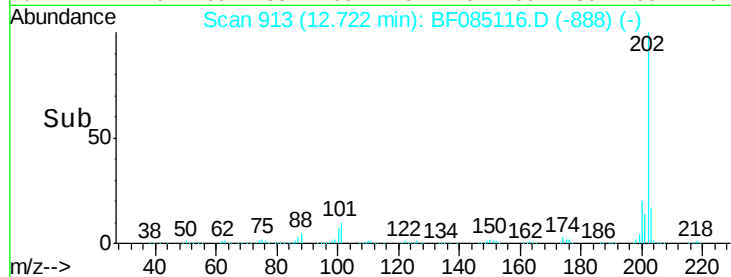
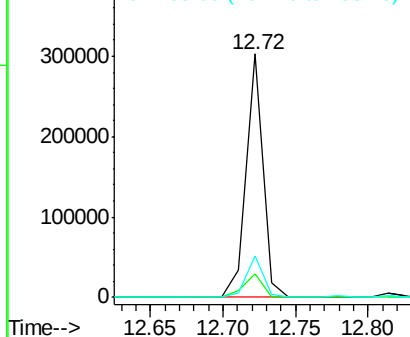
Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	0.0	33.2
203	17.2	0.0	38.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

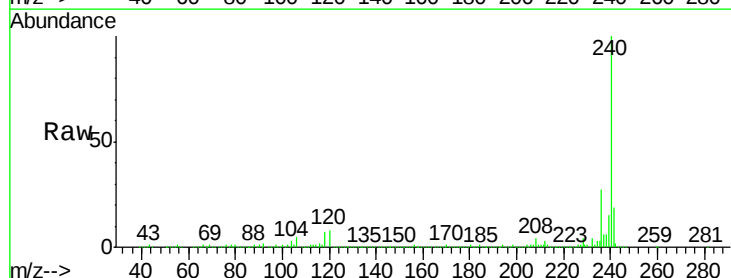
RT: 14.15 min Scan# 1038

Delta R.T. -0.01 min

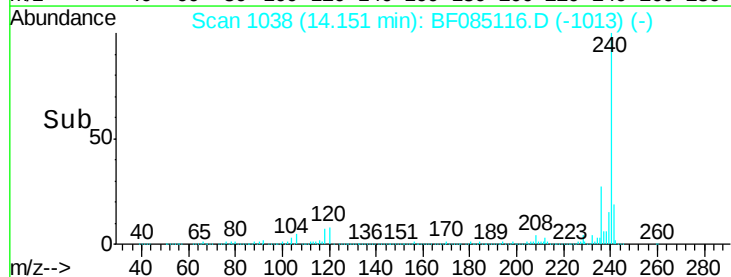
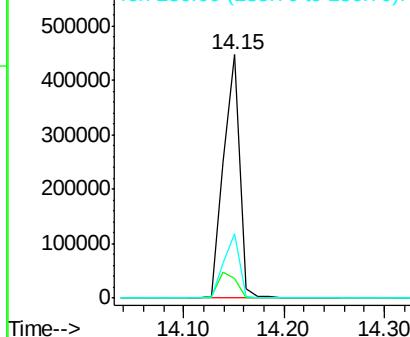
Lab File: BF085116.D

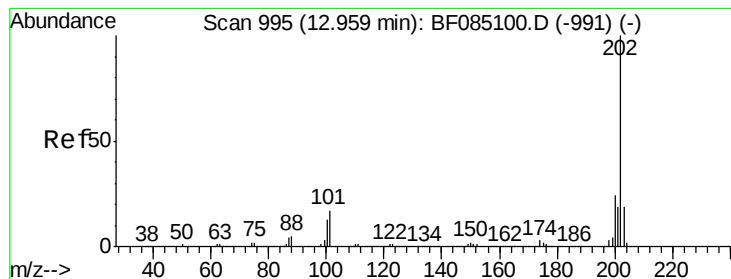
Acq: 2 Mar 2016 13:44

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.9	6.7	10.1
236	26.6	21.6	32.4



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: 6.12 ng

RT: 12.95 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF085116.D

Acq: 2 Mar 2016 13:44

Instrument :

BNA_F

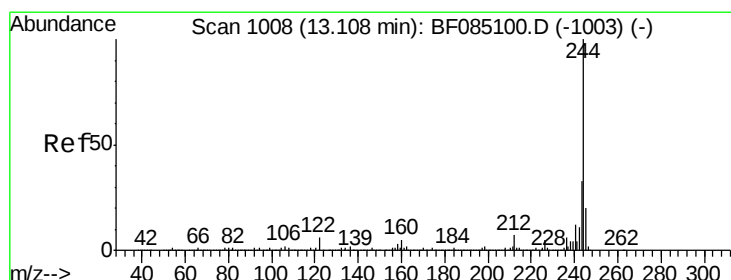
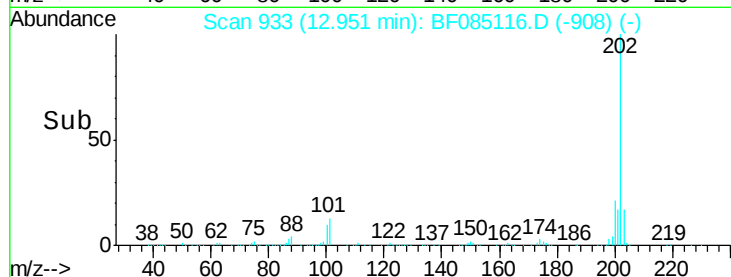
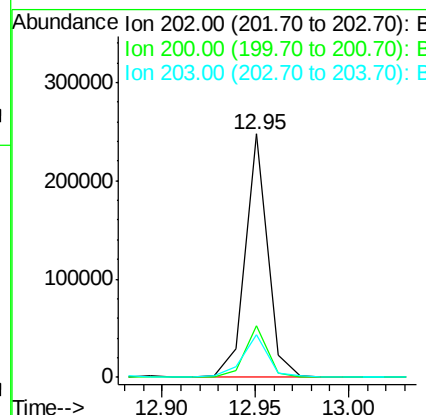
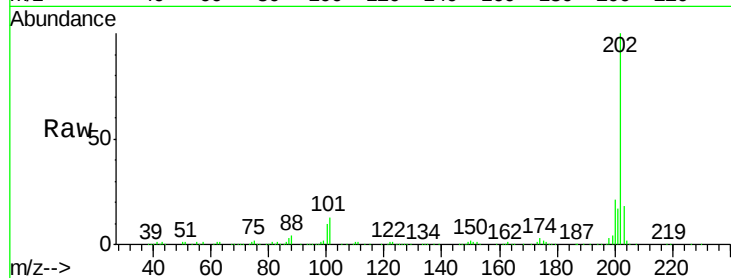
ClientSampleId :

TOP-UNEXCAUTED

Tgt Ion:	202	Resp:	208602
Ion Ratio		Lower	Upper
202	100		
200	21.2	19.0	28.6
203	17.6	15.0	22.6

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#78

Terphenyl-d14

Concen: 75.22 ng

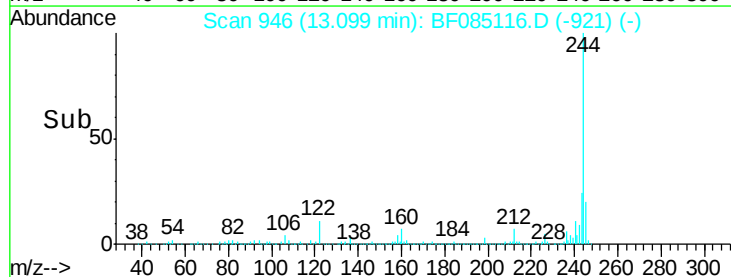
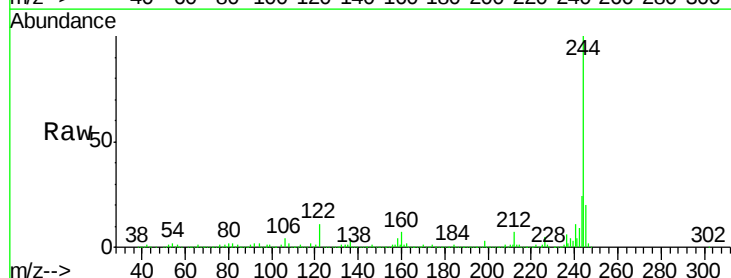
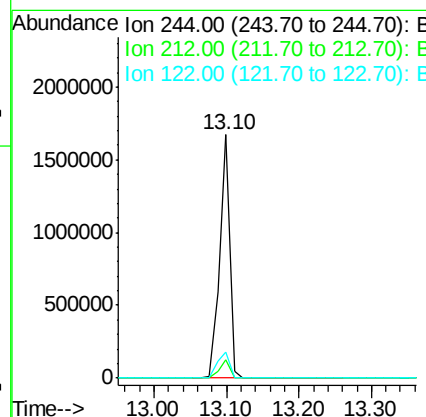
RT: 13.10 min Scan# 946

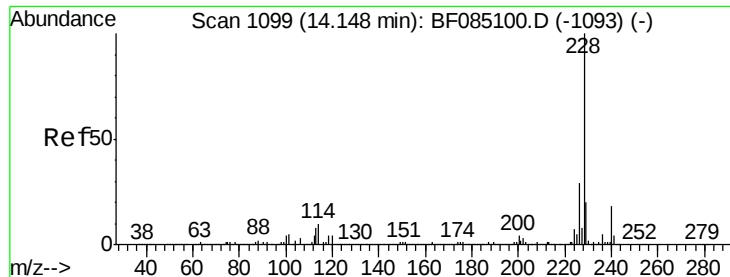
Delta R.T. -0.01 min

Lab File: BF085116.D

Acq: 2 Mar 2016 13:44

Tgt Ion:	244	Resp:	1602325
Ion Ratio		Lower	Upper
244	100		
212	7.4	5.4	8.0
122	10.6	5.1	7.7#





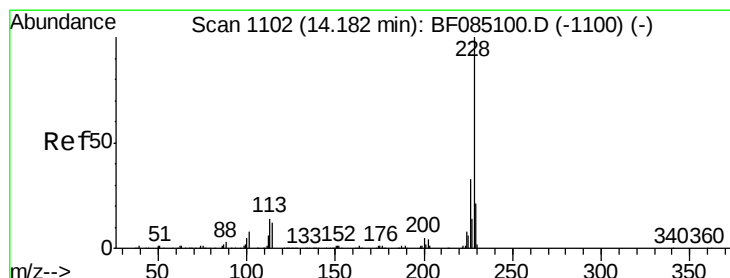
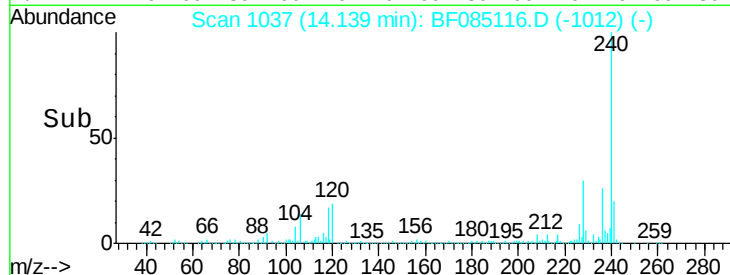
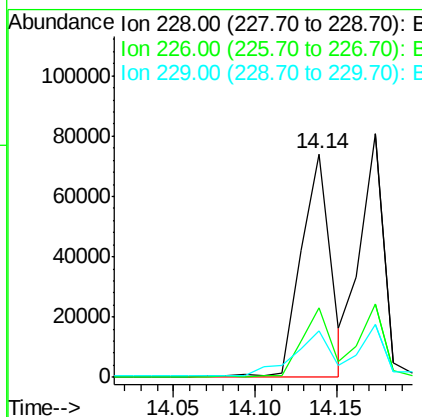
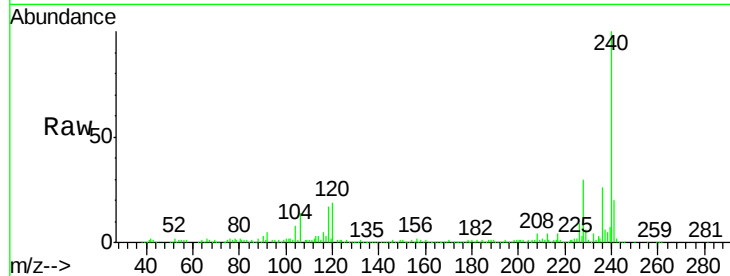
#80
Benzo(a)anthracene
Concen: 3.22 ng
RT: 14.14 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF085116.D
Acq: 2 Mar 2016 13:44

Instrument :
BNA_F
ClientSampleId :
TOP-UNEXCAUATED

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.0	34.4
229	20.9	16.1	24.1

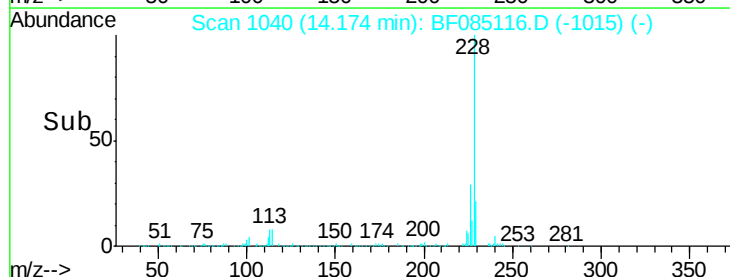
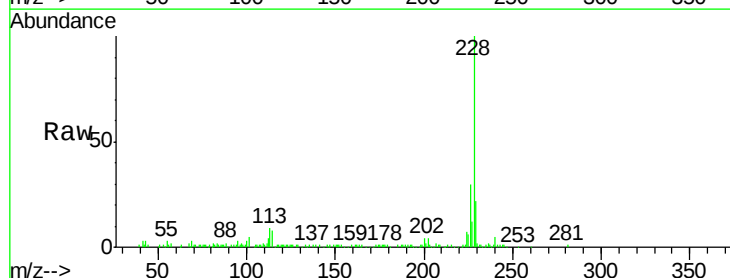
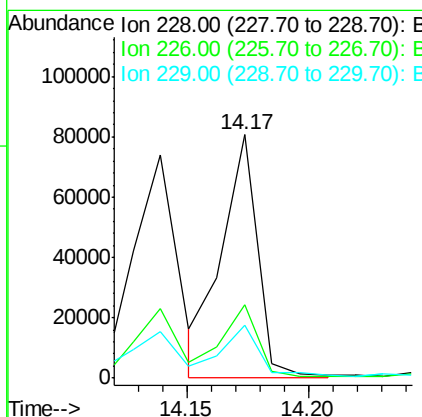
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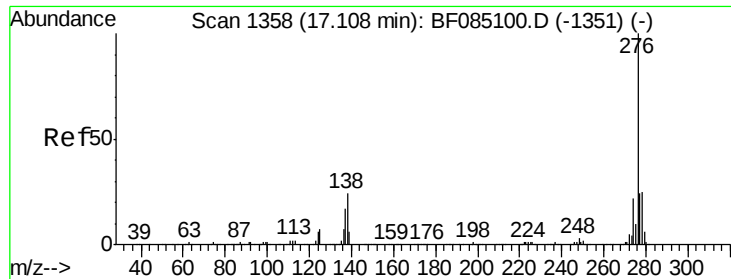
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#82
Chrysene
Concen: 3.14 ng m
RT: 14.17 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF085116.D
Acq: 2 Mar 2016 13:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	26.2	39.4
229	21.6	16.5	24.7





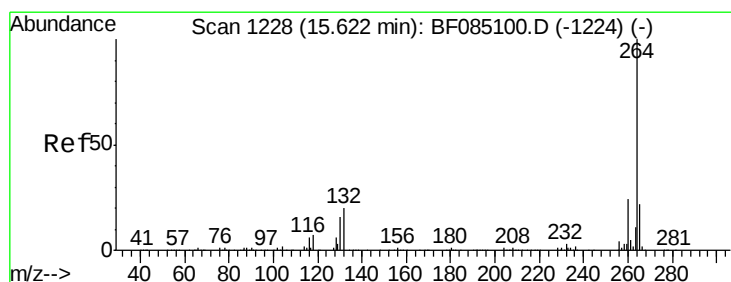
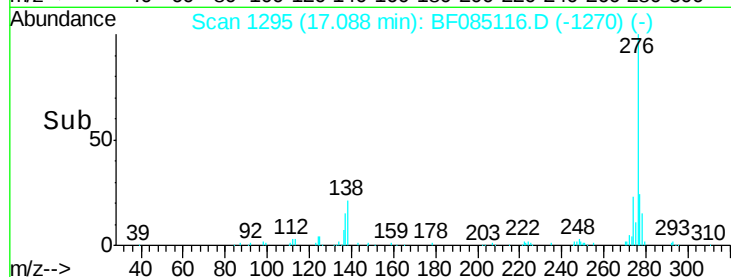
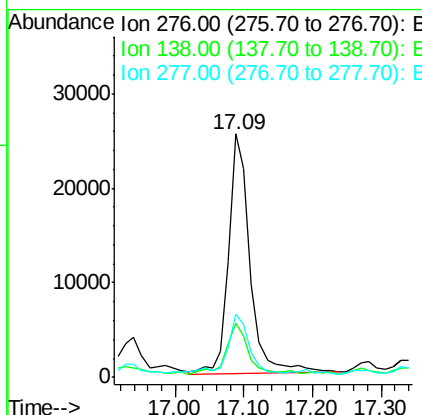
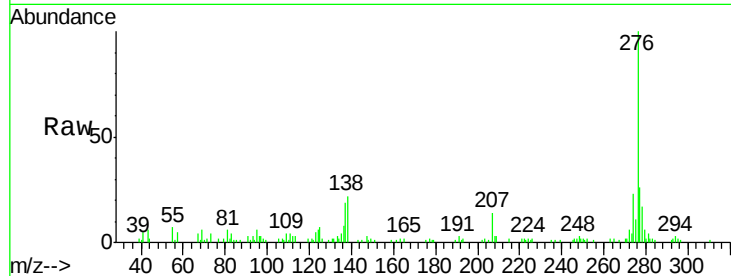
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.49 ng
RT: 17.09 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF085116.D
Acq: 2 Mar 2016 13:44

Instrument :
BNA_F
ClientSampleId :
TOP-UNEXCAUTED

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	21.4	32.2#
277	23.1	20.1	30.1

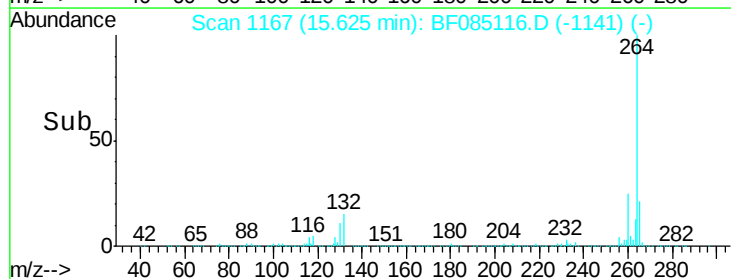
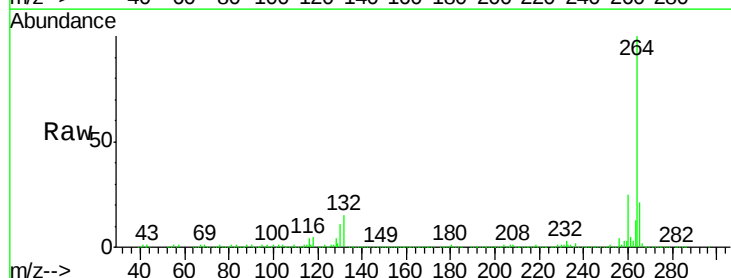
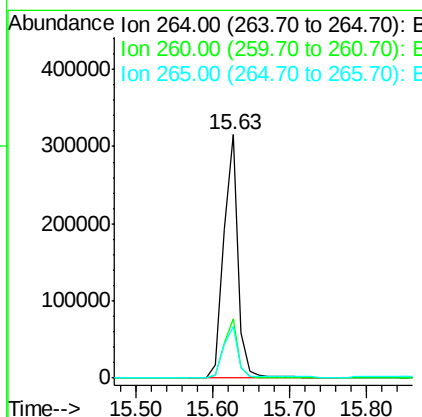
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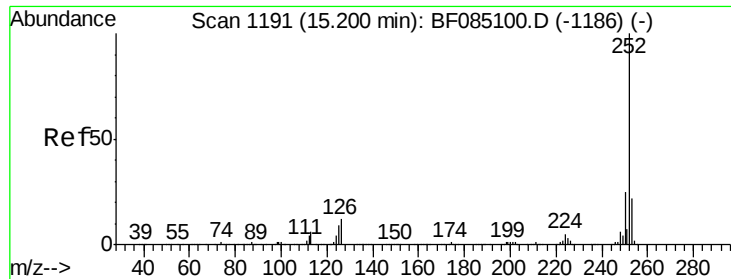
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.63 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF085116.D
Acq: 2 Mar 2016 13:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.0	17.4	26.2





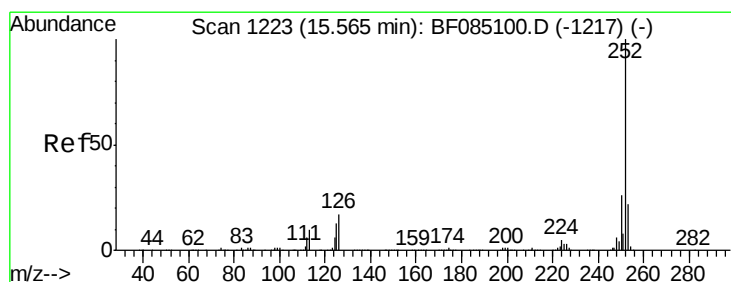
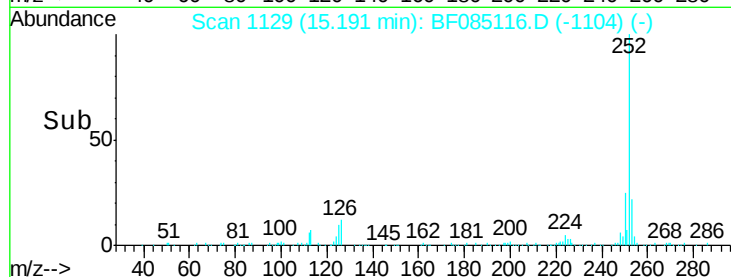
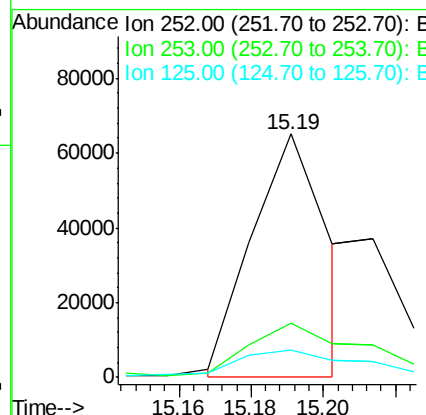
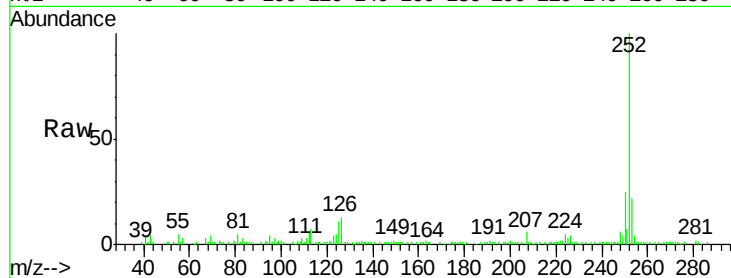
#87
Benzo(b)fluoranthene
Concen: 3.69 ng m
RT: 15.19 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF085116.D
Acq: 2 Mar 2016 13:44

Instrument :
BNA_F
ClientSampleId :
TOP-UNEXCAUATED

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	11.3	7.0	10.4

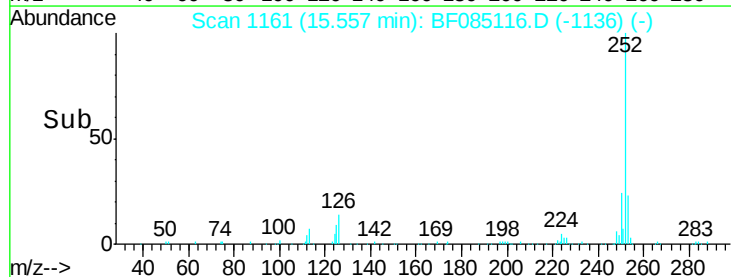
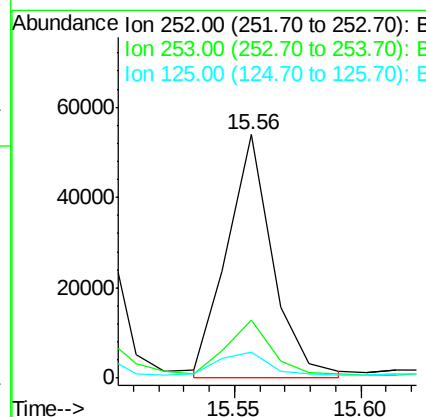
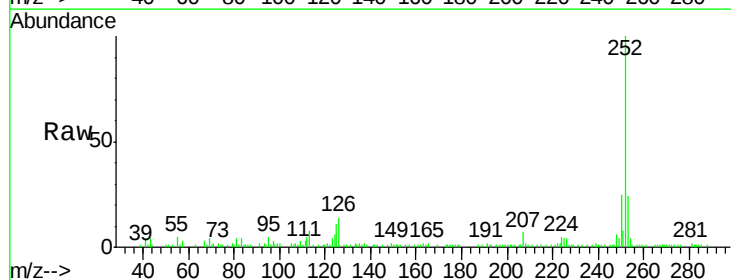
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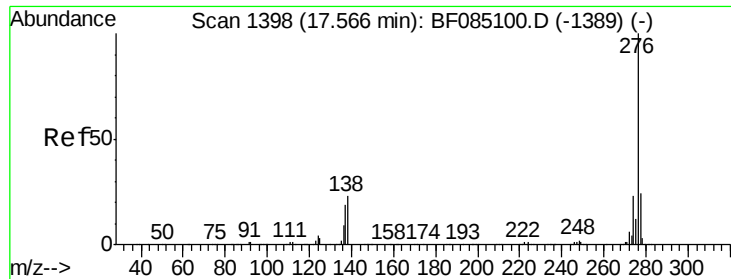
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#89
Benzo(a)pyrene
Concen: 3.14 ng m
RT: 15.56 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF085116.D
Acq: 2 Mar 2016 13:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	10.9	10.2	15.2





#91
Benzo(g,h,i)perylene
Concen: 3.40 ng
RT: 17.53 min Scan# 1334
Delta R.T. -0.03 min
Lab File: BF085116.D
Acq: 2 Mar 2016 13:44

Instrument :
BNA_F
ClientSampleId :
TOP-UNEXCAUTED

Tgt Ion:	276	Resp:	66844
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.0	28.4
138	26.2	18.1	27.1

Manual Integrations
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