

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
 Data File : BF083225.D
 Acq On : 24 Nov 2015 1:32
 Operator : UM/IZ
 Sample : G4496-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A19-COMP

Manual Integrations
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 11/24/2015 1:20:10 PM

Quant Time: Nov 24 06:52:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	210829	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	798164	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	358400	20.00	ng	-0.02
63) Phenanthrene-d10	11.15	188	538089	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	438883	20.00	ng	-0.02
86) Perylene-d12	15.14	264	315354	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1464000	104.98	ng	-0.02
7) Phenol-d6	6.32	99	2027544	112.37	ng	-0.02
23) Nitrobenzene-d5	7.21	82	1027965	58.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	260983	71.18	ng	-0.02
44) 2-Fluorobiphenyl	9.02	172	1838082	71.52	ng	-0.01
78) Terphenyl-d14	12.74	244	1245631	66.83	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	453321	16.43	ng	99
70) Phenanthrene	11.18	178	104783	3.38	ng	95
74) Fluoranthene	12.35	202	217490	6.85	ng	97
77) Pyrene	12.58	202	194383	6.48	ng	97
80) Benzo(a)anthracene	13.77	228	92379	3.40	ng	98
82) Chrysene	13.81	228	88577m	3.52	ng	
87) Benzo(b)fluoranthene	14.77	252	108407m	5.03	ng	
89) Benzo(a)pyrene	15.09	252	59183	3.33	ng	# 92
91) Benzo(g,h,i)perylene	16.78	276	34485	2.19	ng	# 89

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

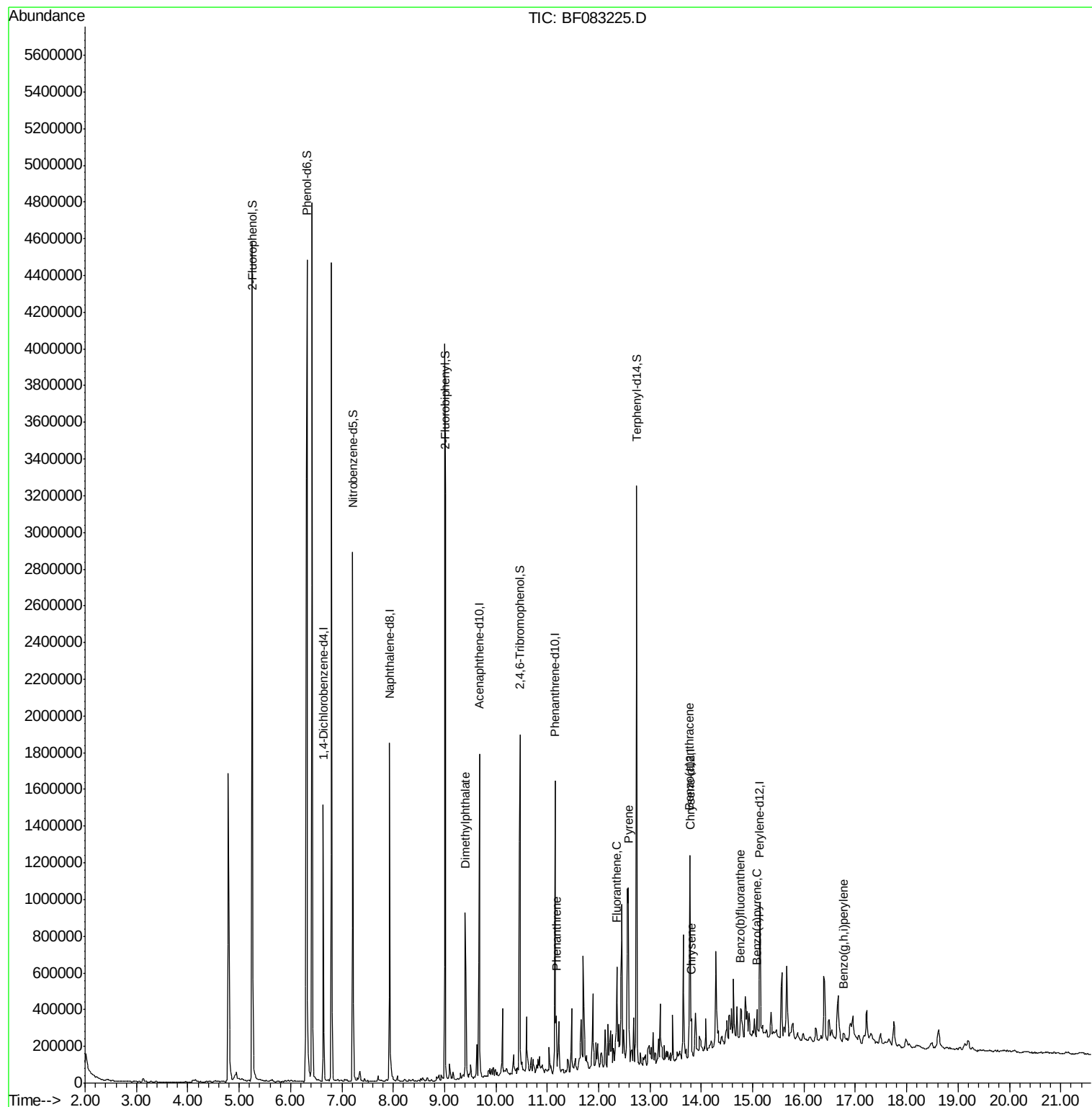
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112315\
Data File : BF083225.D
Acq On : 24 Nov 2015 1:32
Operator : UM/IZ
Sample : G4496-05
Misc :
ALS Vial : 26 Sample Multiplier: 1

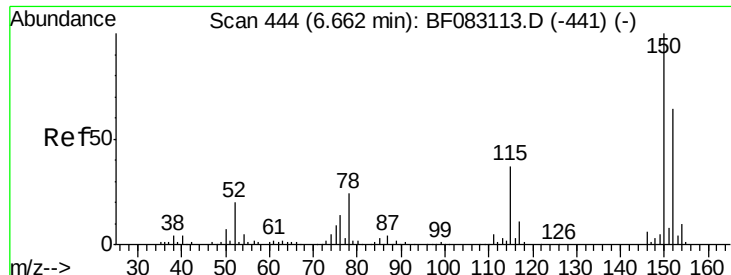
Instrument :
BNA_F
ClientSampleId :
A19-COMP

Manual Integrations
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Quant Time: Nov 24 06:52:42 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 407

Delta R.T. -0.02 min

Lab File: BF083225.D

Acq: 24 Nov 2015 1:32

Instrument :

BNA_F

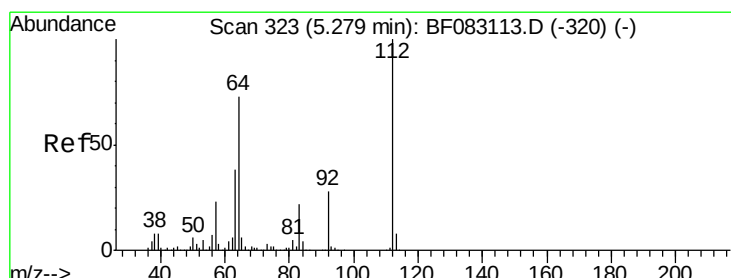
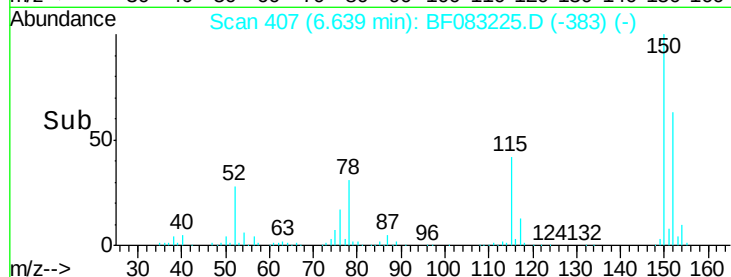
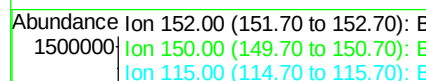
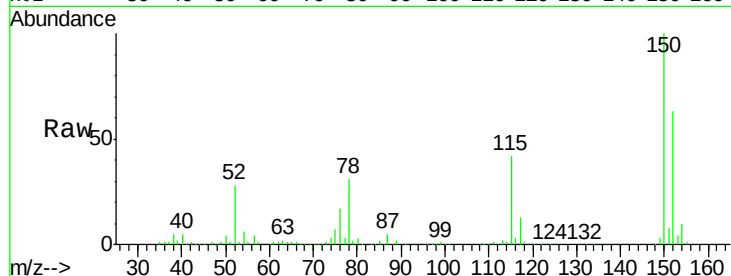
ClientSampleId :

A19-COMP

Tot Ion:	152	Resp:	210829
Ion Ratio	Lower	Upper	
152	100		
150	158.5	125.8	188.8
115	66.3	46.9	70.3

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#5

2-Fluorophenol

Concen: 104.98 ng

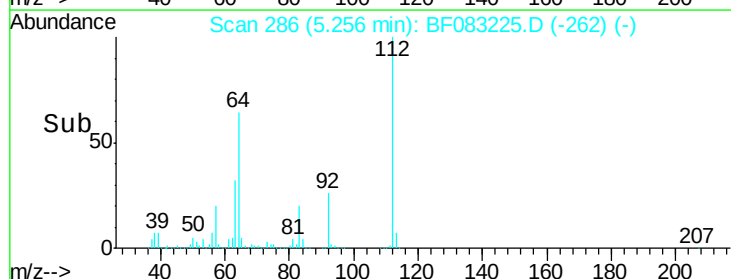
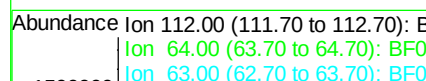
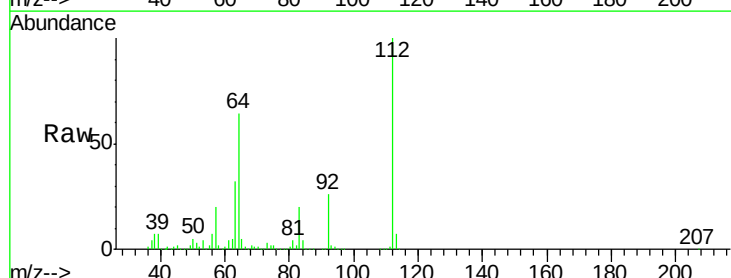
RT: 5.26 min Scan# 286

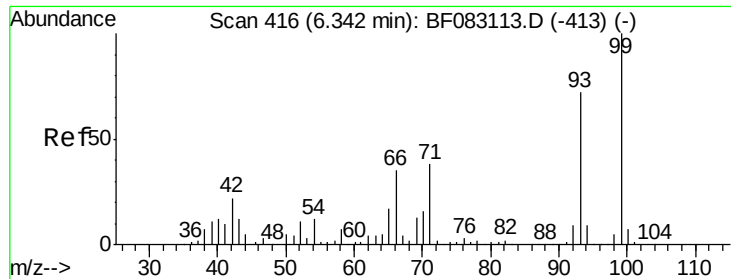
Delta R.T. -0.02 min

Lab File: BF083225.D

Acq: 24 Nov 2015 1:32

Tgt Ion:	112	Resp:	1464000
Ion Ratio	Lower	Upper	
112	100		
64	63.6	58.4	87.6
63	32.4	30.0	45.0





#7

Phenol-d6

Concen: 112.37 ng

RT: 6.32 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF083225.D

Acq: 24 Nov 2015 1:32

Instrument :

BNA_F

ClientSampleId :

A19-COMP

Tot Ion: 99 Resp: 2027544

Ion Ratio Lower Upper

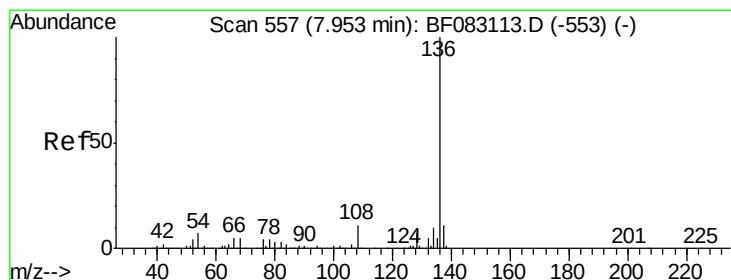
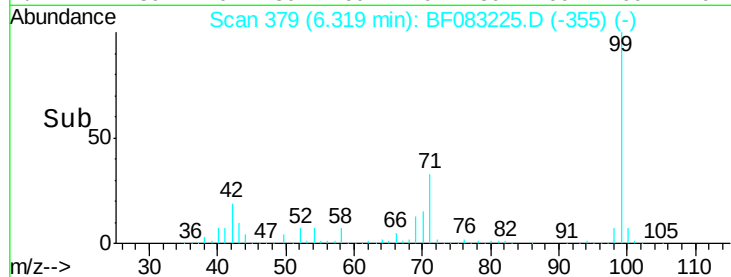
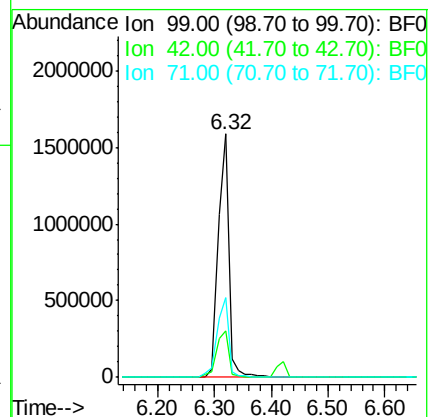
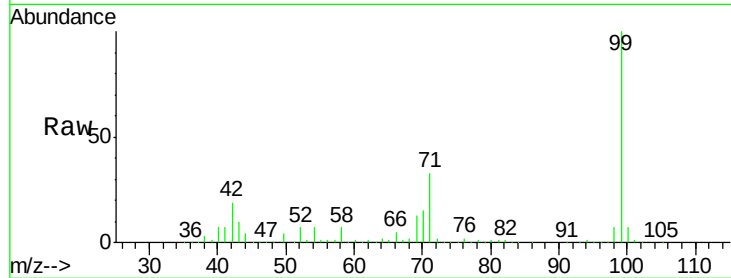
99 100

42 19.0 17.7 26.5

71 33.0 30.2 45.4

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 520

Delta R.T. -0.02 min

Lab File: BF083225.D

Acq: 24 Nov 2015 1:32

Tgt Ion: 136 Resp: 798164

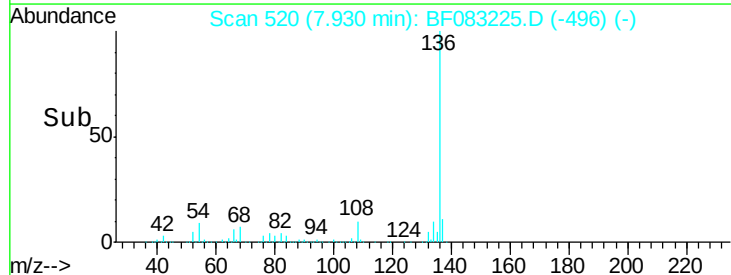
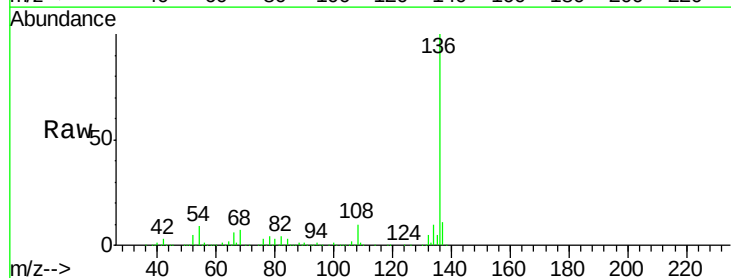
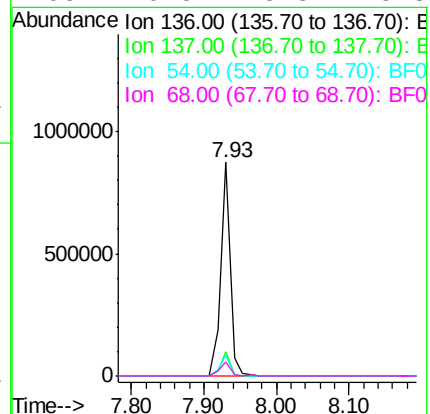
Ion Ratio Lower Upper

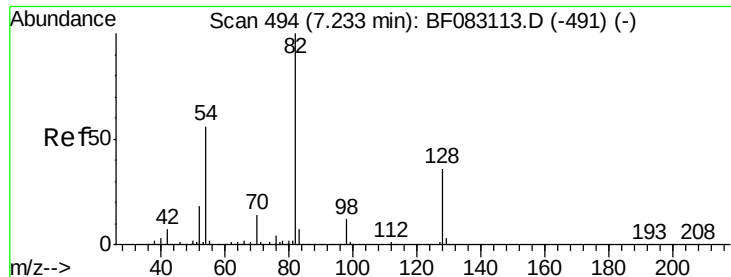
136 100

137 11.4 8.7 13.1

54 9.4 5.8 8.6#

68 6.8 3.8 5.8#





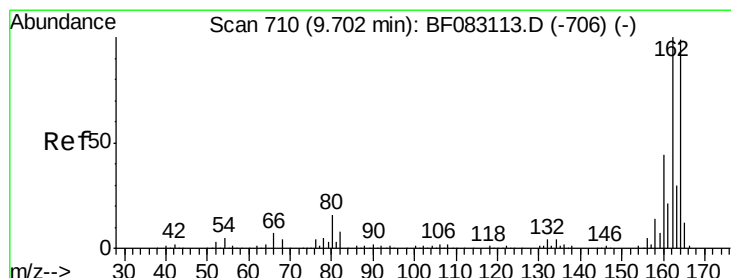
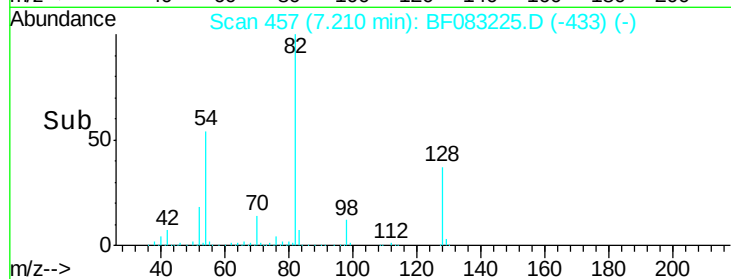
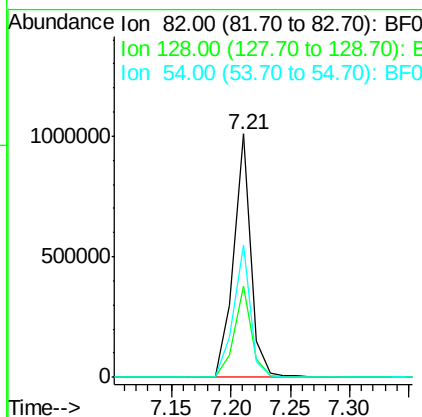
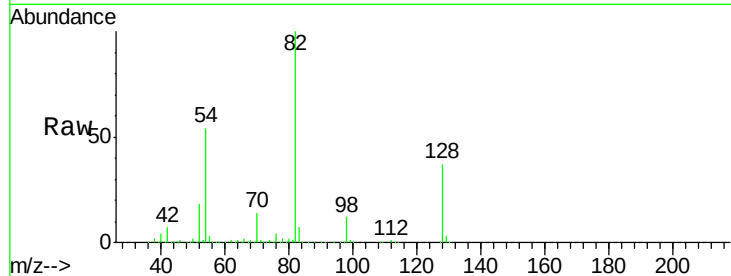
#23
 Nitrobenzene-d5
 Concen: 58.85 ng
 RT: 7.21 min Scan# 457
 Delta R.T. -0.02 min
 Lab File: BF083225.D
 Acq: 24 Nov 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 A19-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.4	28.5	42.7
54	54.3	44.6	67.0

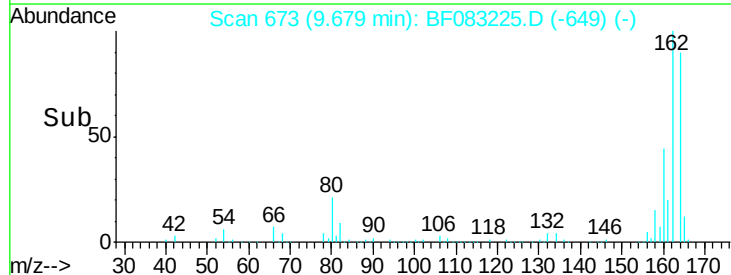
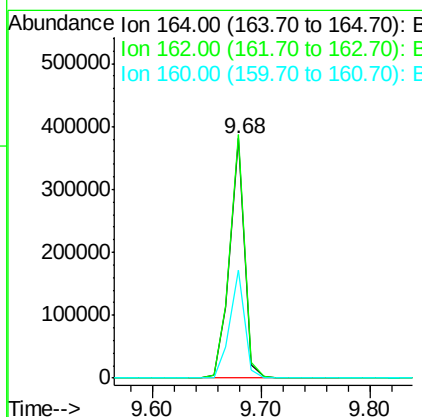
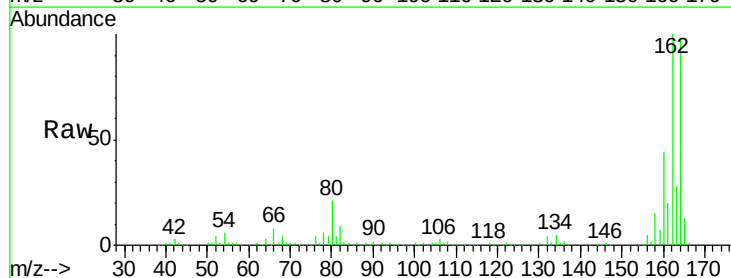
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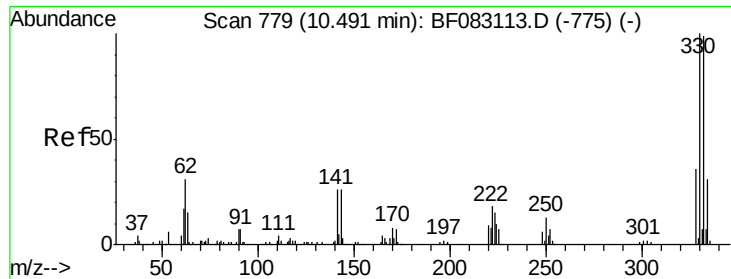
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 673
 Delta R.T. -0.02 min
 Lab File: BF083225.D
 Acq: 24 Nov 2015 1:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.2	121.8
160	44.9	35.6	53.4





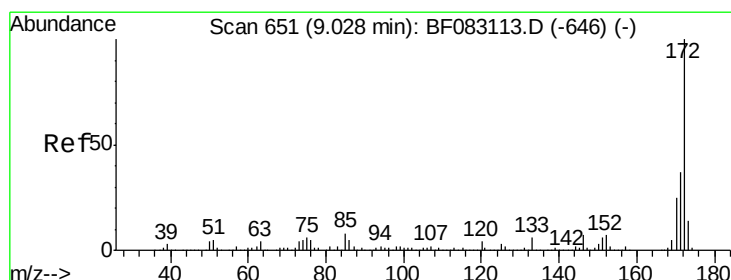
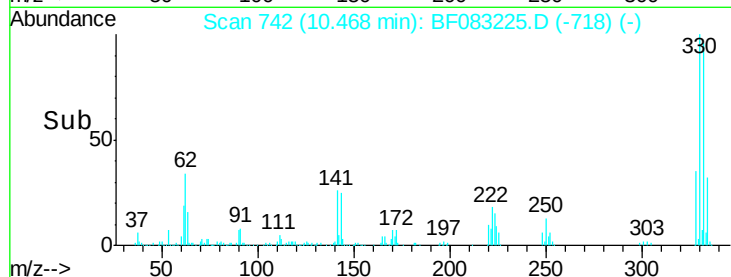
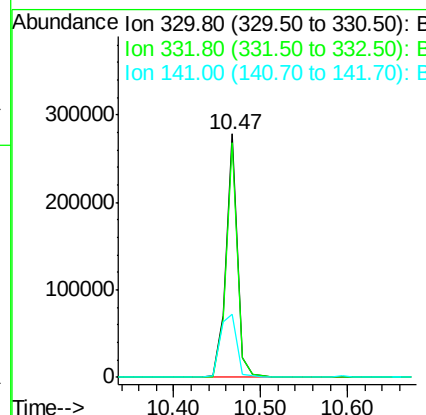
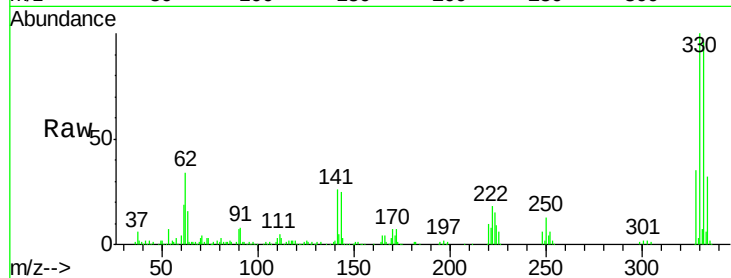
#41
 2,4,6-Tribromophenol
 Concen: 71.18 ng
 RT: 10.47 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF083225.D
 Acq: 24 Nov 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 A19-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	260983		
332	95.8		77.7	116.5
141	38.1		29.7	44.5

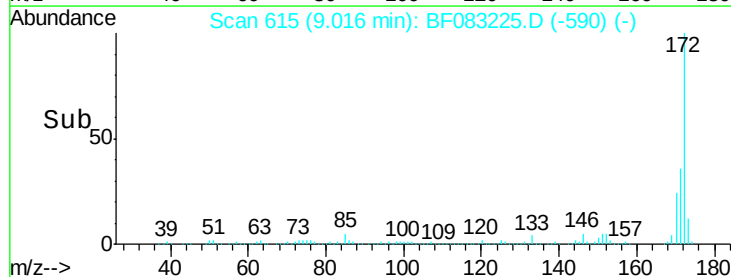
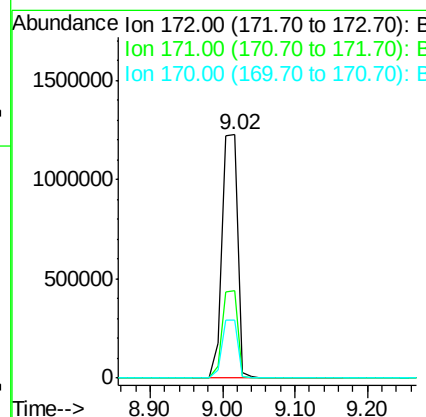
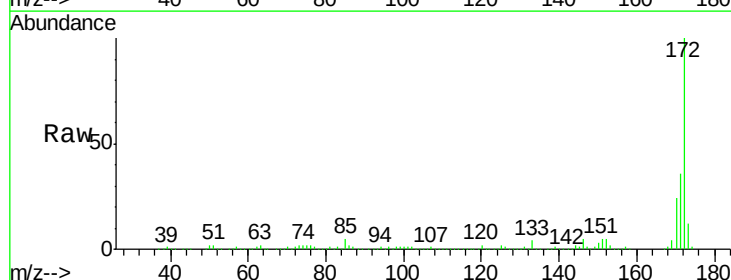
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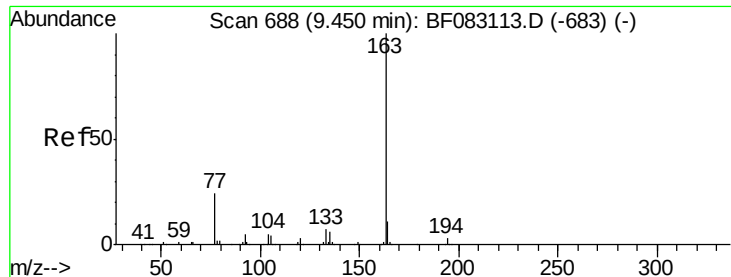
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#44
 2-Fluorobiphenyl
 Concen: 71.52 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083225.D
 Acq: 24 Nov 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1838082		
171	35.7		29.5	44.3
170	23.9		19.9	29.9





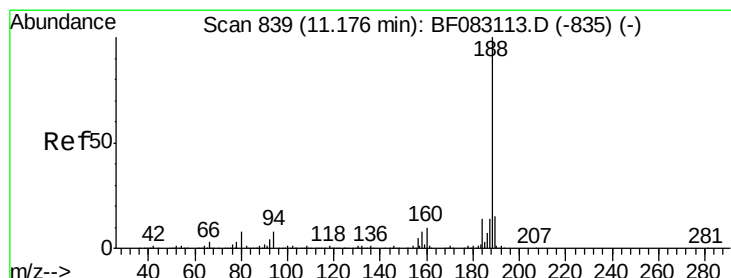
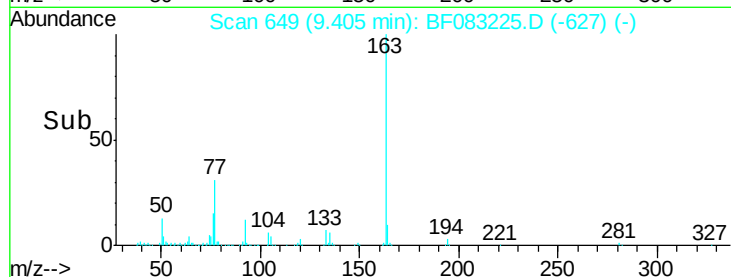
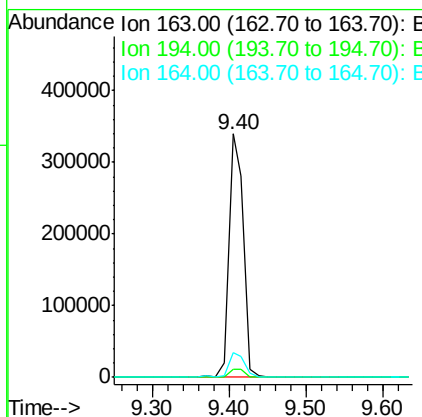
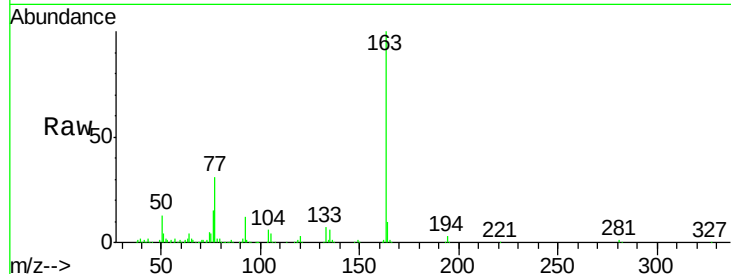
#49
Dimethylphthalate
Concen: 16.43 ng
RT: 9.40 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF083225.D
Acq: 24 Nov 2015 1:32

Instrument :
BNA_F
ClientSampleId :
A19-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	453321		
194	3.1	2.6	4.0	
164	10.3	8.6	12.8	

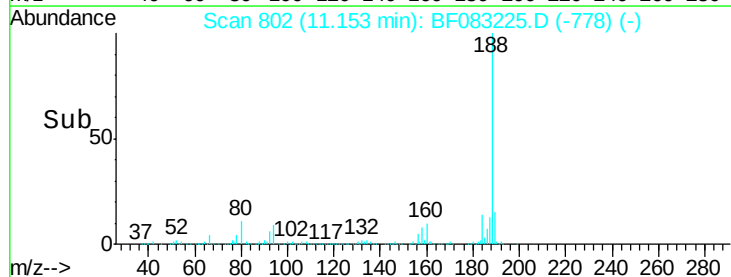
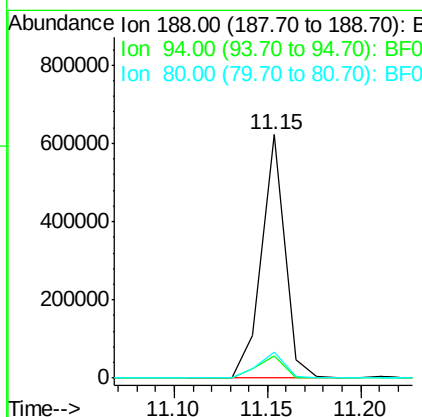
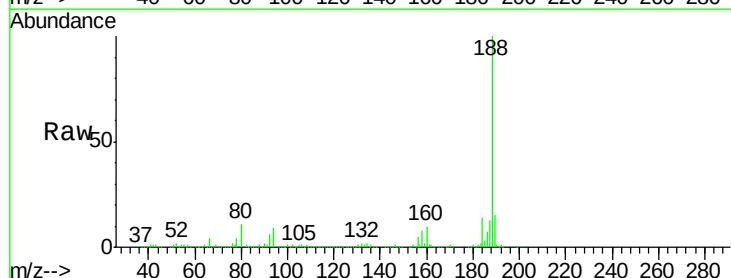
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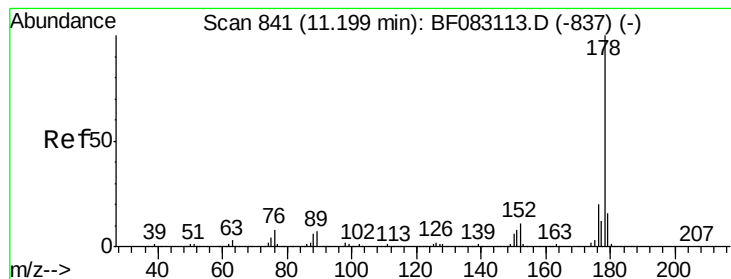
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF083225.D
Acq: 24 Nov 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	538089		
94	9.3	6.0	9.0#	
80	10.6	6.7	10.1#	





#70

Phenanthrene

Concen: 3.38 ng

RT: 11.18 min Scan# 804

Delta R.T. -0.02 min

Lab File: BF083225.D

Acq: 24 Nov 2015 1:32

Instrument :

BNA_F

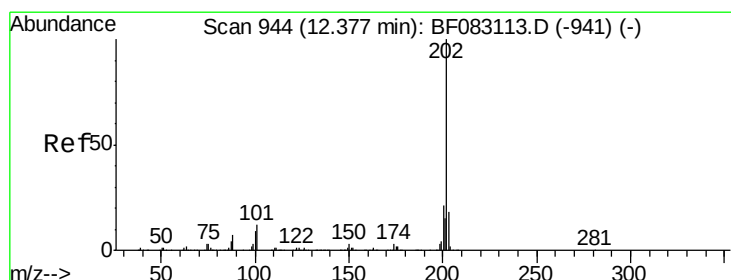
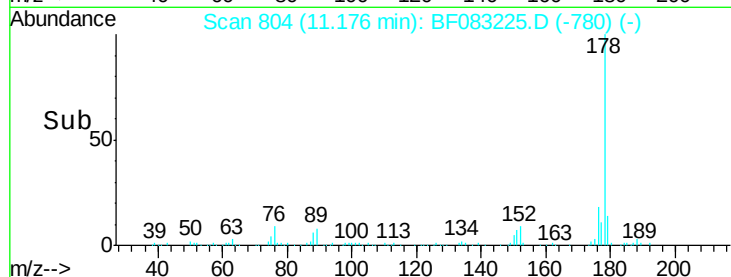
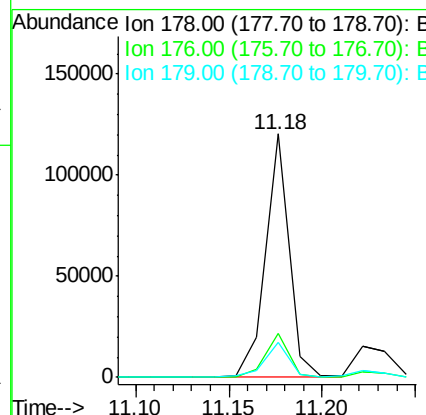
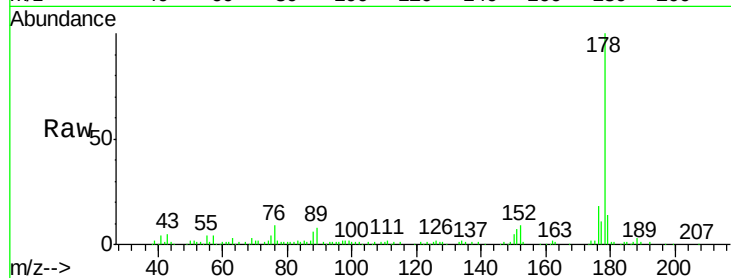
ClientSampleId :

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Tot Ion:	178	Resp:	104783
Ion Ratio	Lower	Upper	
178	100		
176	17.9	16.2	24.2
179	14.3	12.8	19.2

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#74

Fluoranthene

Concen: 6.85 ng

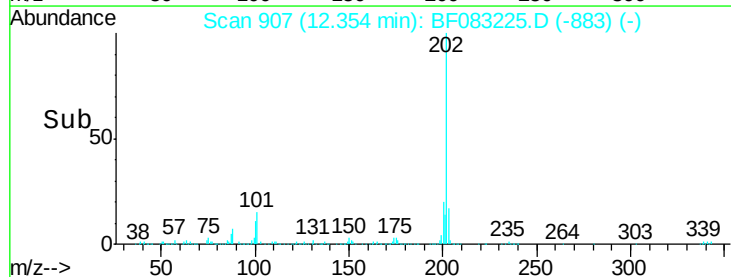
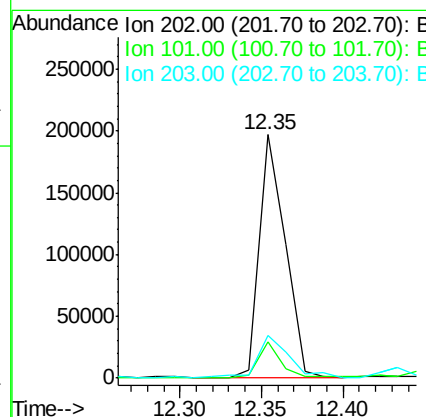
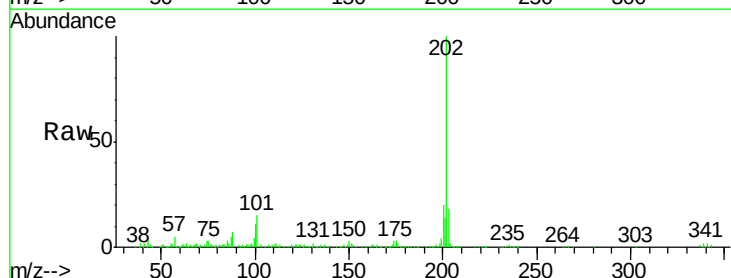
RT: 12.35 min Scan# 907

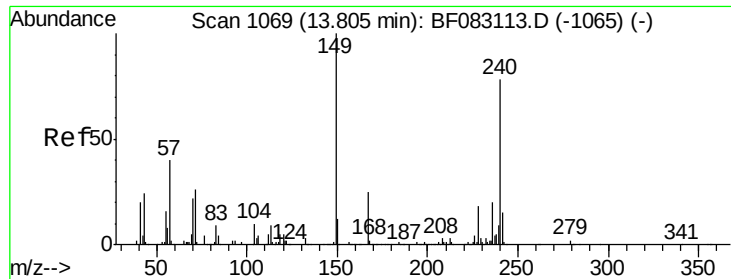
Delta R.T. -0.02 min

Lab File: BF083225.D

Acq: 24 Nov 2015 1:32

Tgt Ion:	202	Resp:	217490
Ion Ratio	Lower	Upper	
202	100		
101	14.7	0.0	32.3
203	17.6	0.0	38.4





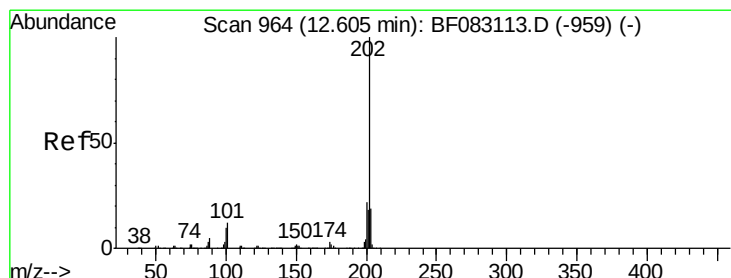
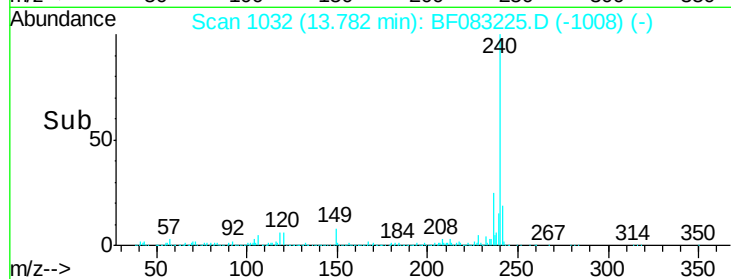
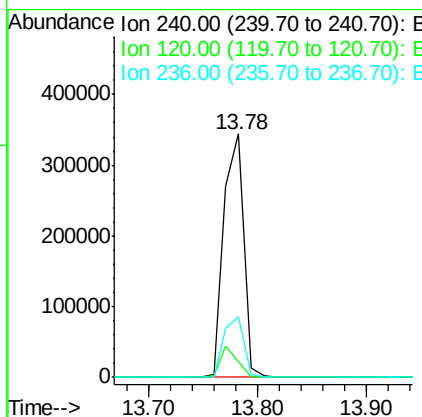
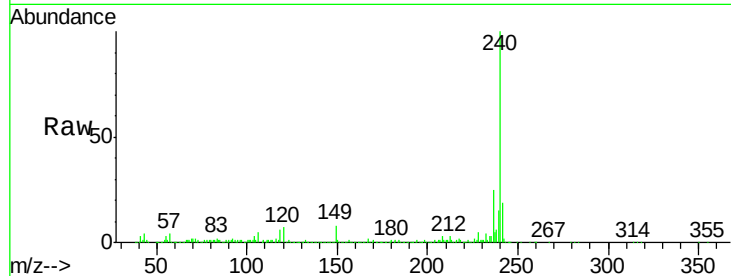
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF083225.D
Acq: 24 Nov 2015 1:32

Instrument :
BNA_F
ClientSampleId :
A19-COMP

Tot Ion	Ratio	Resp	Lower	Upper
240	100	438883		
120	6.5		5.4	8.2
236	25.1		20.6	31.0

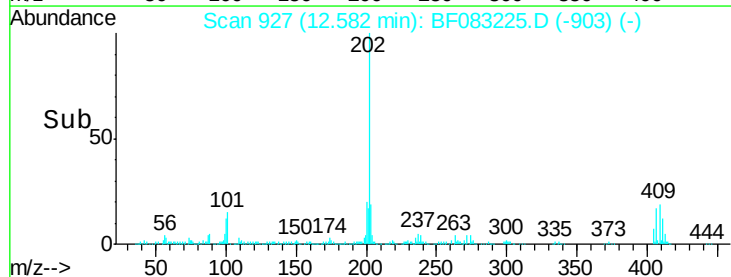
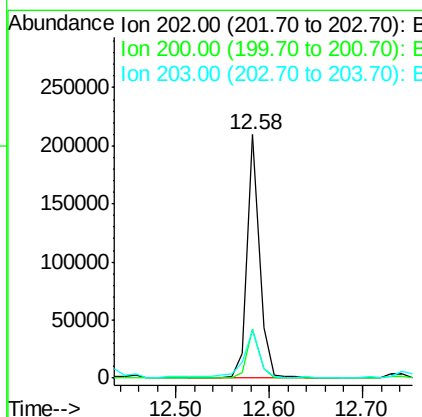
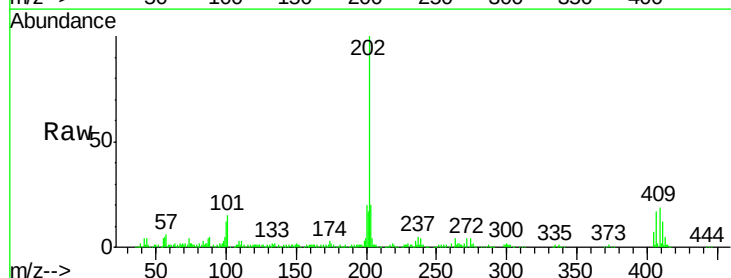
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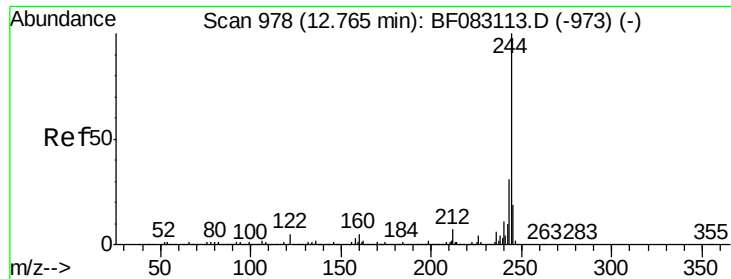
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#77
Pyrene
Concen: 6.48 ng
RT: 12.58 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF083225.D
Acq: 24 Nov 2015 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	194383		
200	20.3		17.8	26.6
203	19.5		15.0	22.4





#78

Terphenyl-d14

Concen: 66.83 ng

RT: 12.74 min Scan# 941

Delta R.T. -0.02 min

Lab File: BF083225.D

Acq: 24 Nov 2015 1:32

Instrument :

BNA_F

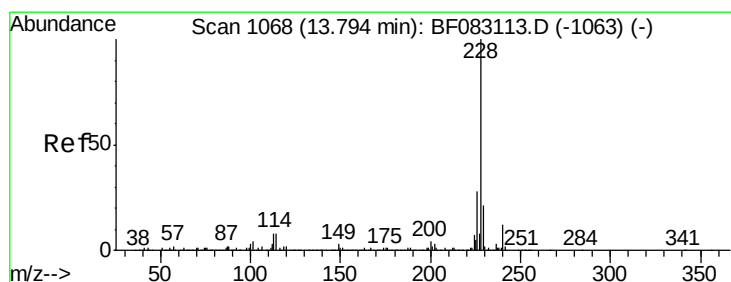
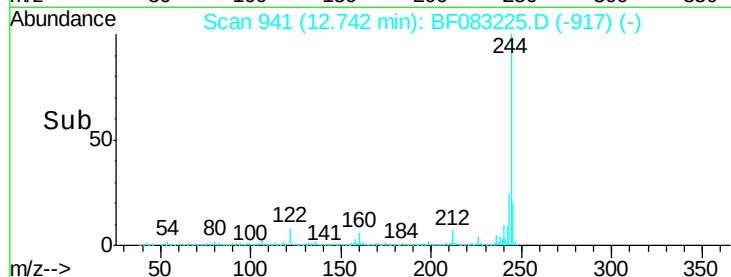
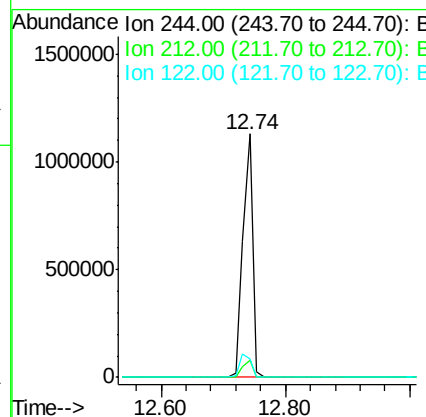
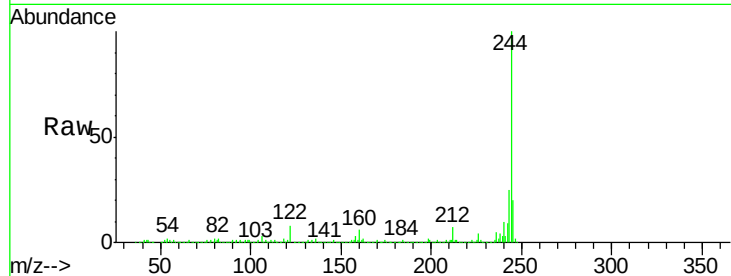
ClientSampleId :

A19-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	7.6	4.3	6.5

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#80

Benzo(a)anthracene

Concen: 3.40 ng

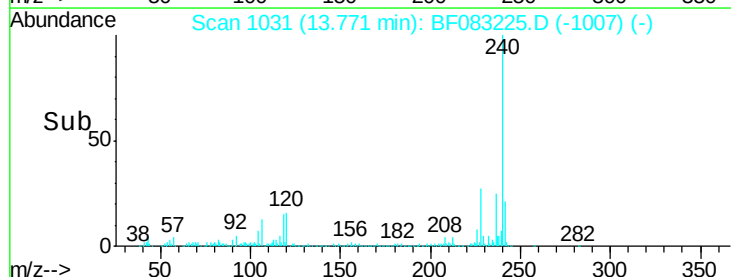
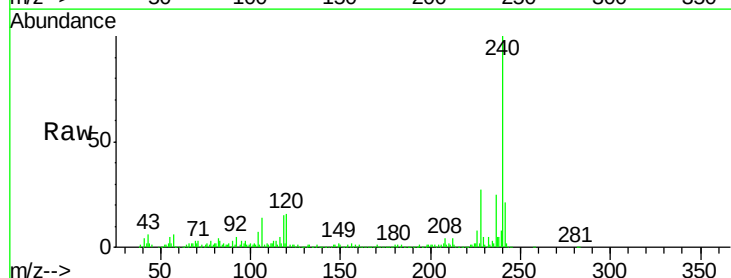
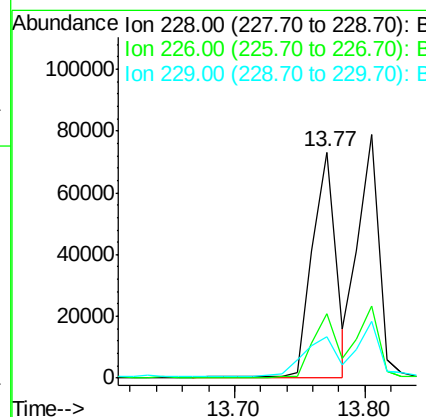
RT: 13.77 min Scan# 1031

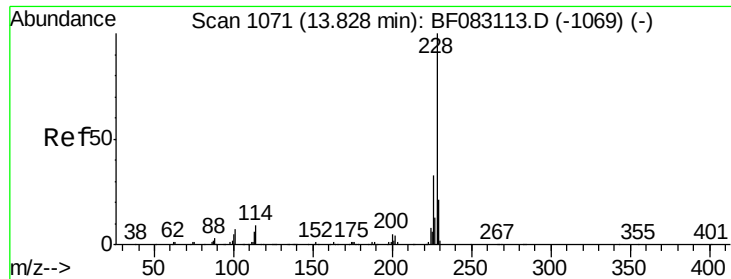
Delta R.T. -0.02 min

Lab File: BF083225.D

Acq: 24 Nov 2015 1:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	18.1	16.6	24.8





#82

Chrysene

Concen: 3.52 ng/mL

RT: 13.81 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF083225.D

Acq: 24 Nov 2015 1:32

Instrument :

BNA_F

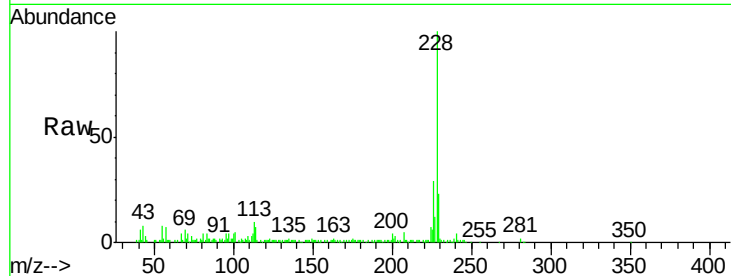
ClientSampleId :

A19-COMP

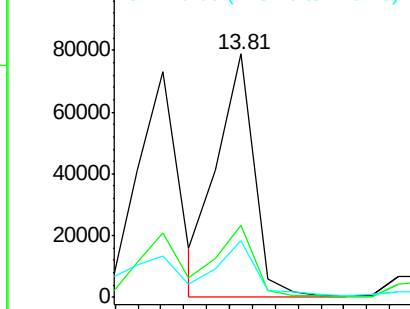
Tot Ion:	228	Resp:	88577
Ion Ratio	Lower	Upper	
228	100		
226	29.4	25.5	38.3
229	23.2	16.6	25.0

Manual Integrations
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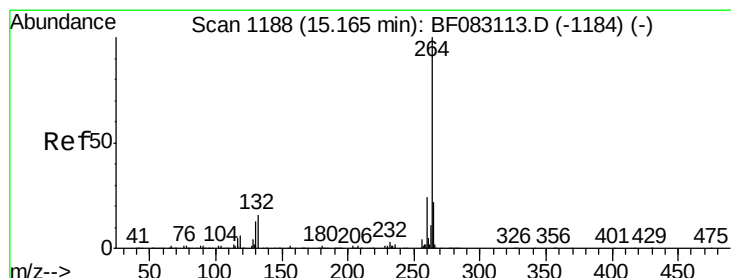
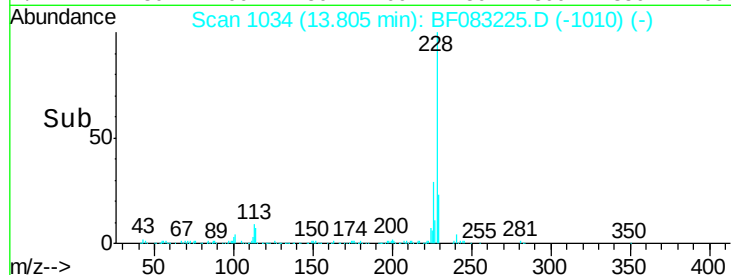
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time--> 13.75 13.80 13.85



#86

Perylene-d12

Concen: 20.00 ng/mL

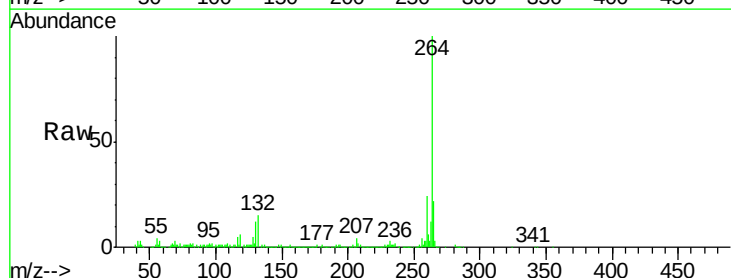
RT: 15.14 min Scan# 1151

Delta R.T. -0.02 min

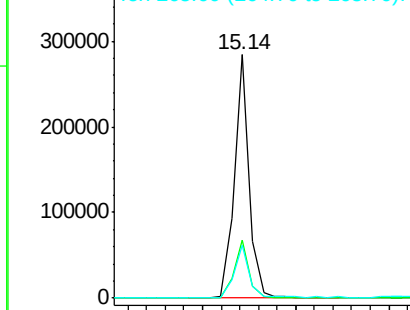
Lab File: BF083225.D

Acq: 24 Nov 2015 1:32

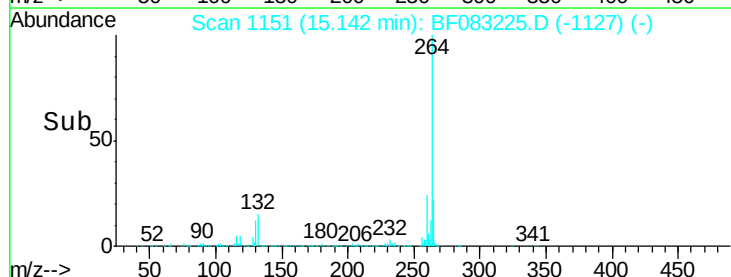
Tgt Ion:	264	Resp:	315354
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.1	28.7
265	21.8	18.2	27.4

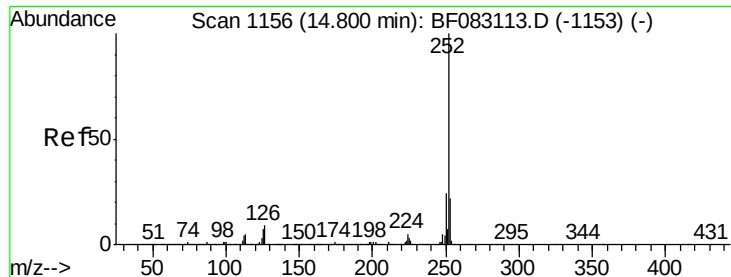


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time--> 15.10 15.20





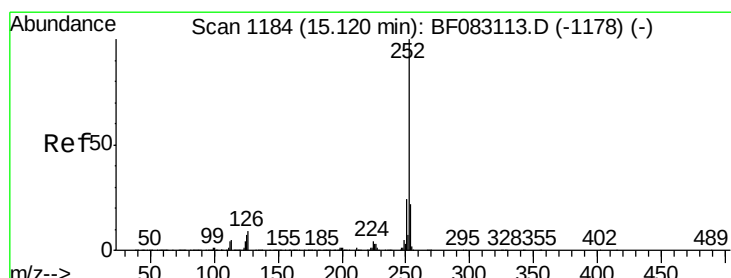
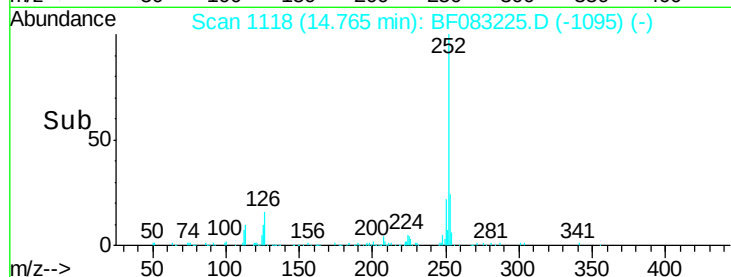
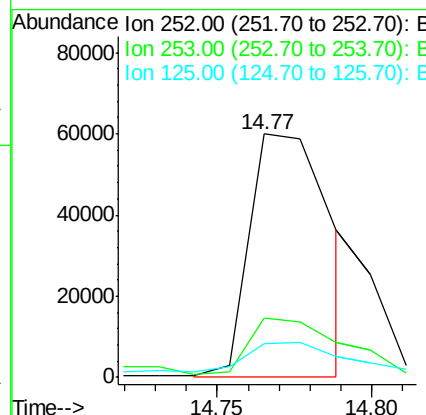
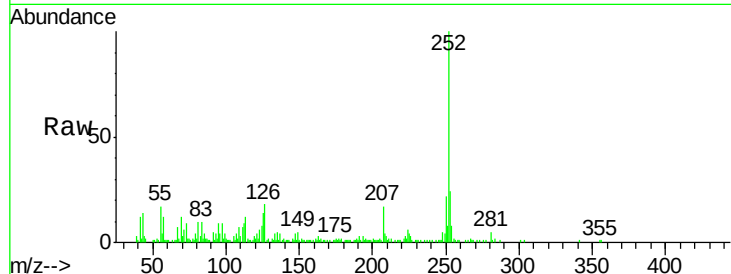
#87
Benzo(b)fluoranthene
Concen: 5.03 ng m
RT: 14.77 min Scan# 1118
Delta R.T. -0.03 min
Lab File: BF083225.D
Acq: 24 Nov 2015 1:32

Instrument :
BNA_F
ClientSampleId :
A19-COMP

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.7	26.5
125	14.0	5.6	8.4

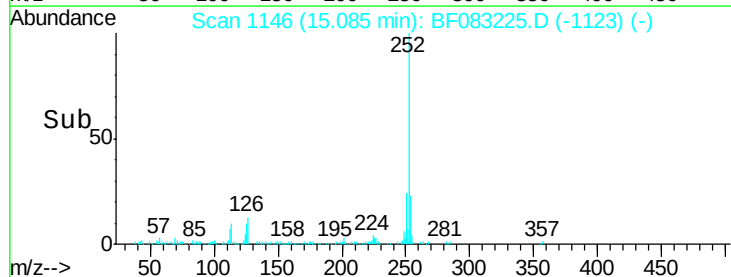
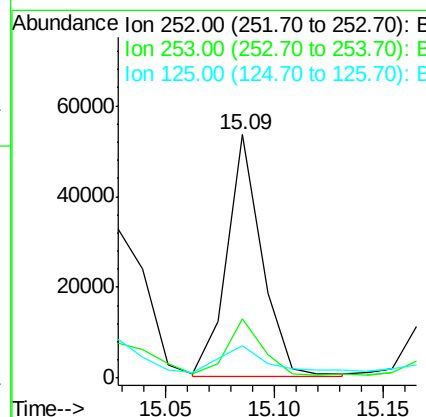
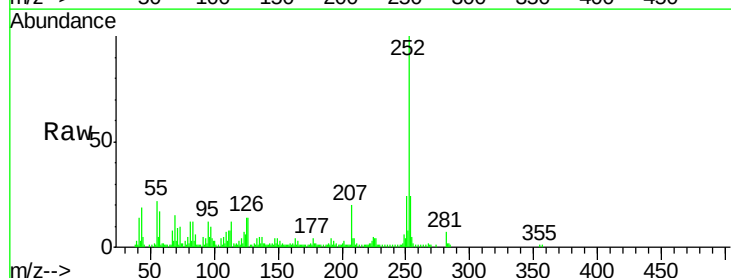
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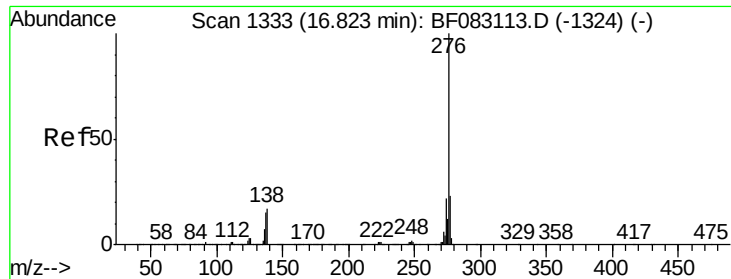
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#89
Benzo(a)pyrene
Concen: 3.33 ng
RT: 15.09 min Scan# 1146
Delta R.T. -0.03 min
Lab File: BF083225.D
Acq: 24 Nov 2015 1:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.5	26.3
125	13.6	5.4	8.0





#91
 Benzo(a,h,i)perylene
 Concen: 2.19 ng
 RT: 16.78 min Scan# 1294
 Delta R.T. -0.05 min
 Lab File: BF083225.D
 Acq: 24 Nov 2015 1:32

Instrument :
 BNA_F
 ClientSampleId :
 A19-COMP

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.2	18.7	28.1
138	25.7	13.9	20.9

Manual Integrations
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