

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
 Data File : BF083032.D
 Acq On : 19 Nov 2015 2:48
 Operator : UM/IZ
 Sample : G4426-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Manual Integrations
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Quant Time: Nov 19 13:08:43 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 18 13:32:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	118884	20.00	ng	0.01
21) Naphthalene-d8	8.03	136	386058	20.00	ng	0.01
38) Acenaphthene-d10	9.78	164	192677	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	317785	20.00	ng	0.00
75) Chrysene-d12	13.88	240	253439	20.00	ng	-0.01
86) Perylene-d12	15.28	264	204847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	756916	99.06	ng	0.01
7) Phenol-d6	6.40	99	1116193	109.89	ng	0.00
23) Nitrobenzene-d5	7.31	82	966291	108.91	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	159936	72.39	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1140967	84.87	ng	0.00
78) Terphenyl-d14	12.84	244	795587	74.46	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	8.05	128	109082	5.12	ng	# 73
37) 2-Methylnaphthalene	8.74	142	36562	2.65	ng	94
49) Dimethylphthalate	9.49	163	361022	22.87	ng	99
70) Phenanthrene	11.28	178	90592	4.91	ng	97
74) Fluoranthene	12.47	202	79894	4.03	ng	95
77) Pyrene	12.69	202	69794	4.01	ng	95
82) Chrysene	13.91	228	35070m	2.42	ng	

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

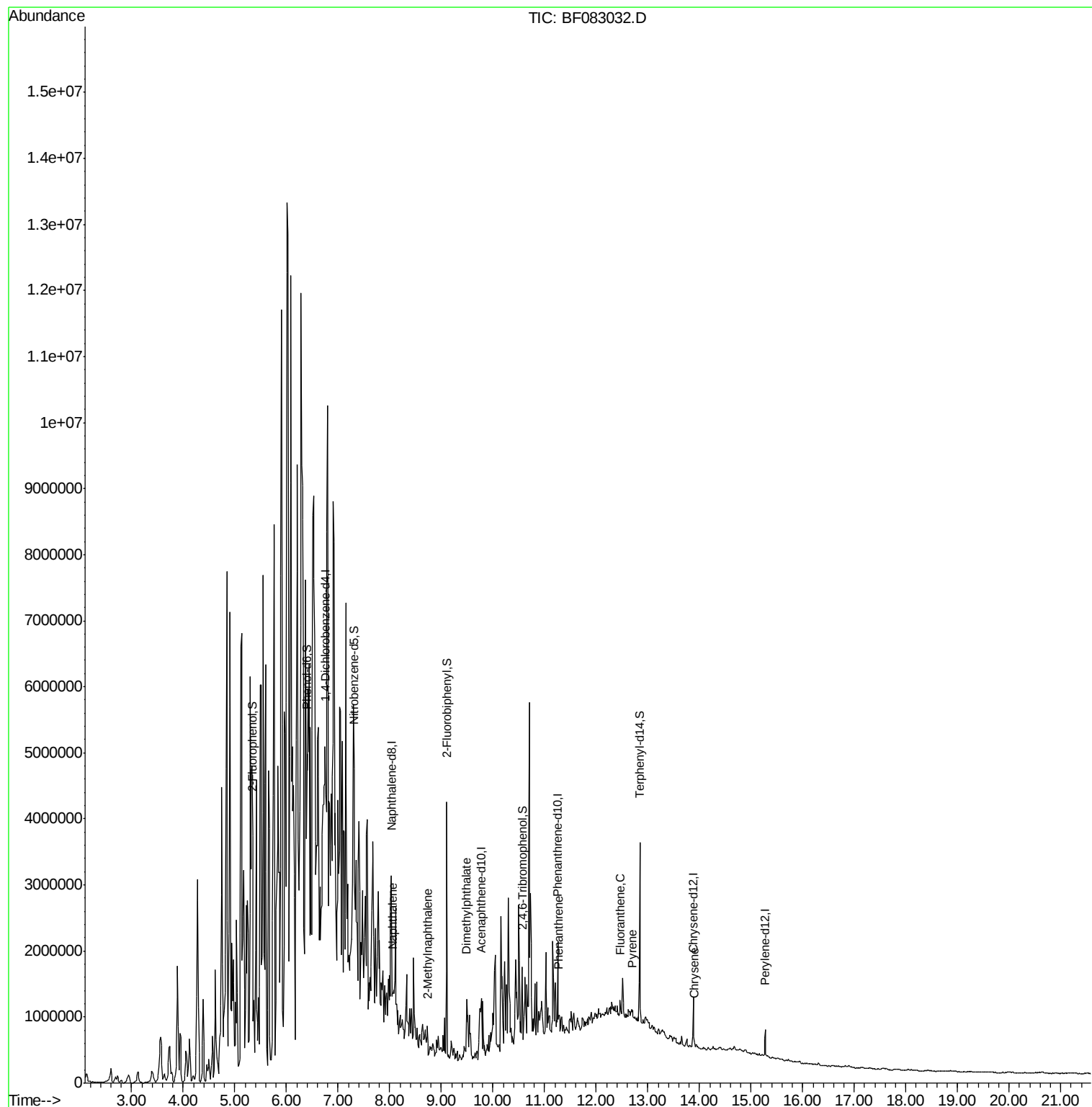
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083032.D
Acq On : 19 Nov 2015 2:48
Operator : UM/IZ
Sample : G4426-02
Misc :
ALS Vial : 26 Sample Multiplier: 1

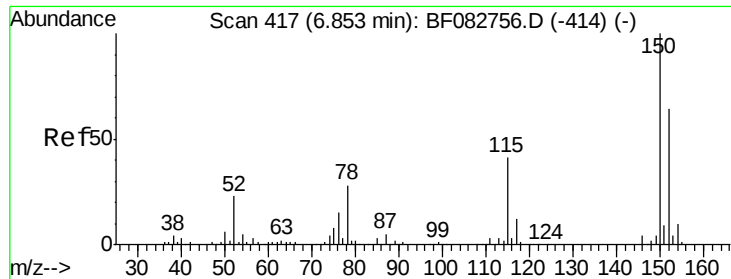
Instrument :
BNA_F
ClientSampleId :
SB-2

Quant Time: Nov 19 13:08:43 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 18 13:32:32 2015
Response via : Initial Calibration

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.01 min

Lab File: BF083032.D

Acq: 19 Nov 2015 2:48

Instrument :

BNA_F

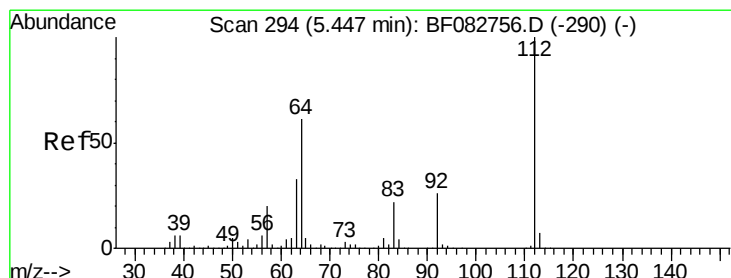
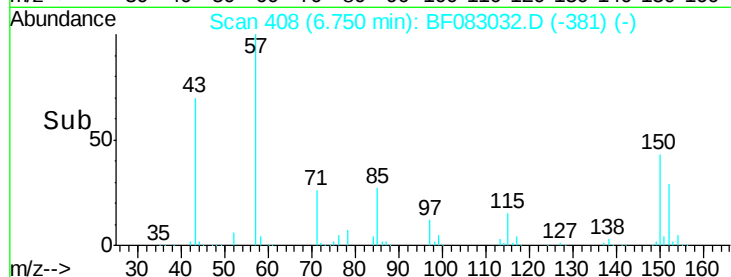
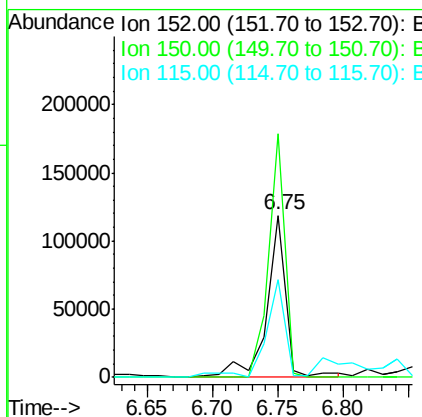
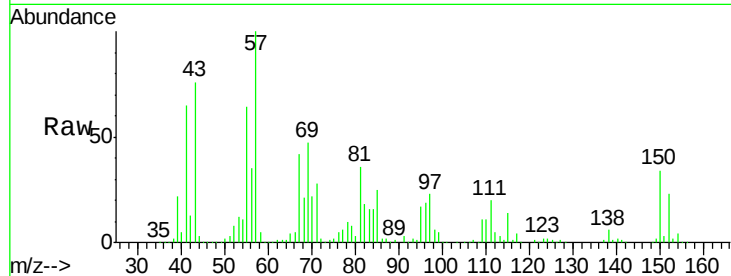
ClientSampleId :

SB-2

Tgt Ion:	152	Resp:	118884
Ion Ratio	Lower	Upper	
152	100		
150	150.1	127.0	190.4
115	59.9	47.0	70.6

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#5

2-Fluorophenol

Concen: 99.06 ng

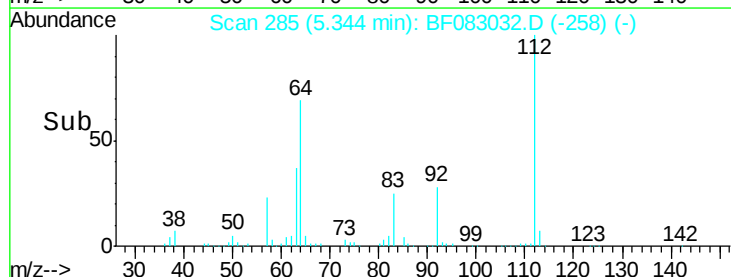
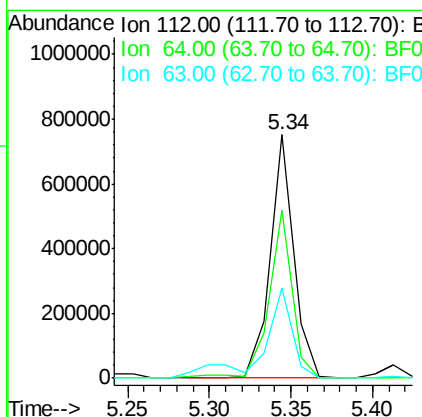
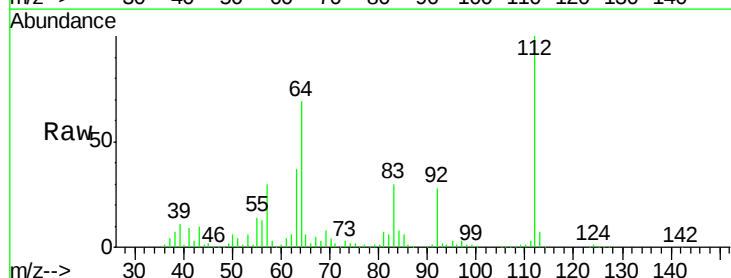
RT: 5.34 min Scan# 285

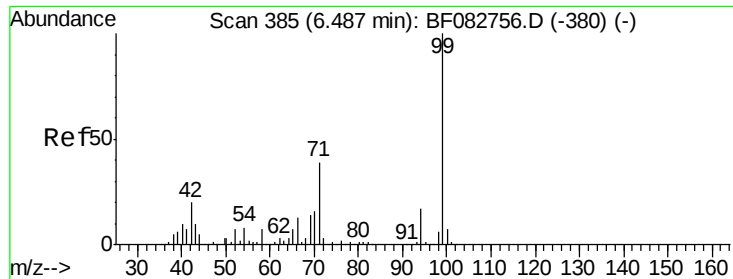
Delta R.T. 0.01 min

Lab File: BF083032.D

Acq: 19 Nov 2015 2:48

Tgt Ion:	112	Resp:	756916
Ion Ratio	Lower	Upper	
112	100		
64	68.8	48.9	73.3
63	37.2	28.1	42.1





#7

Phenol-d6

Concen: 109.89 ng

RT: 6.40 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF083032.D

Acq: 19 Nov 2015 2:48

Instrument :

BNA_F

ClientSampleId :

SB-2

Tgt Ion: 99 Resp: 1116193

Ion Ratio Lower Upper

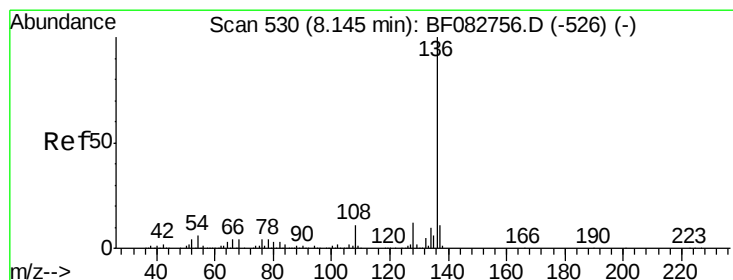
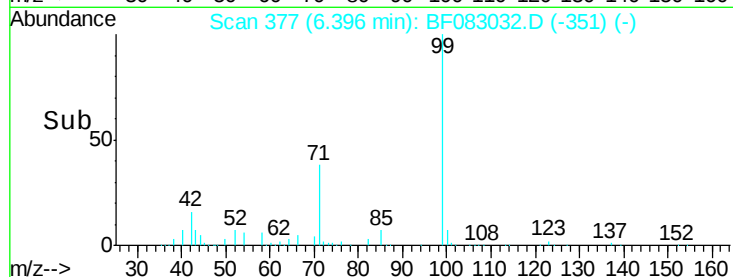
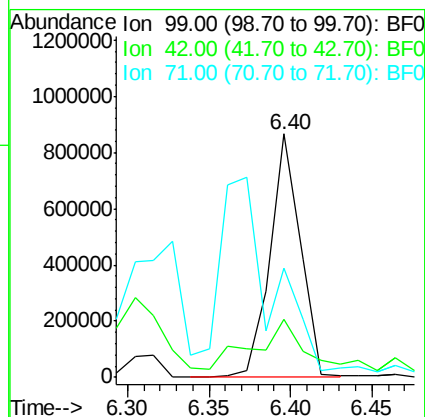
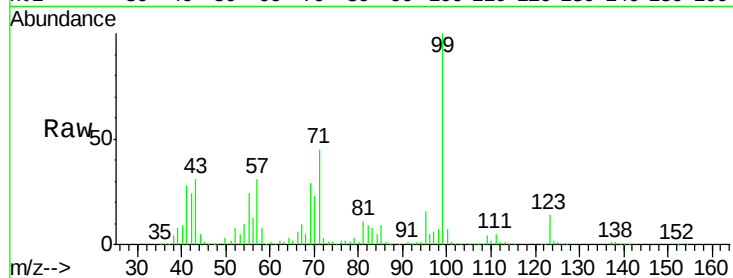
99 100

42 23.8 19.2 28.8

71 44.8 35.0 52.4

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. 0.01 min

Lab File: BF083032.D

Acq: 19 Nov 2015 2:48

Tgt Ion: 136 Resp: 386058

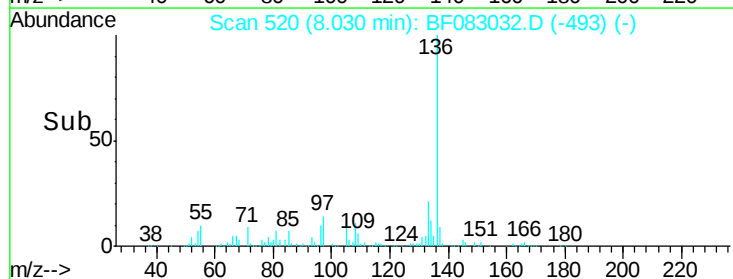
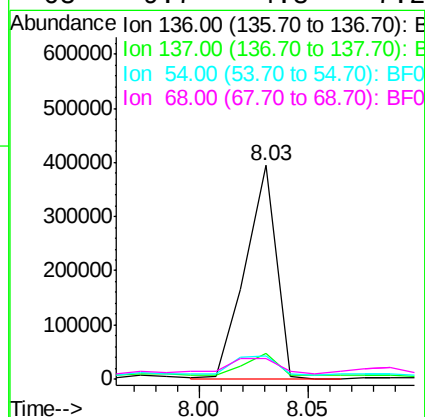
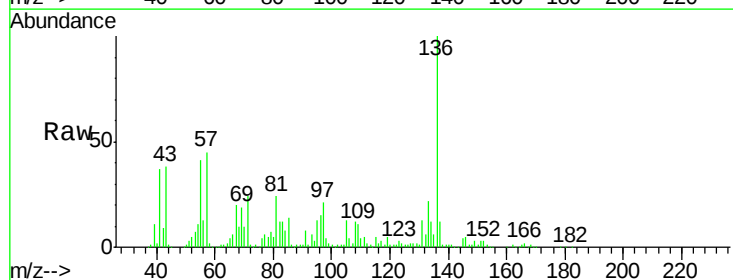
Ion Ratio Lower Upper

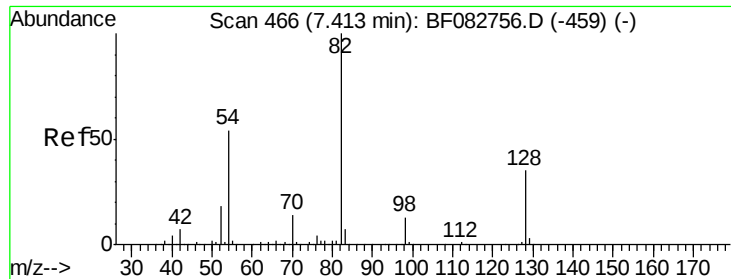
136 100

137 11.8 9.1 13.7

54 10.8 9.1 13.7

68 9.7 4.8 7.2#





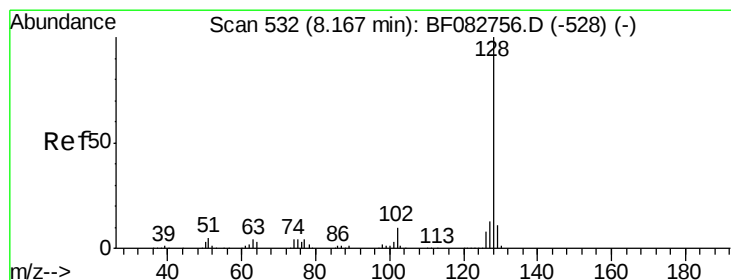
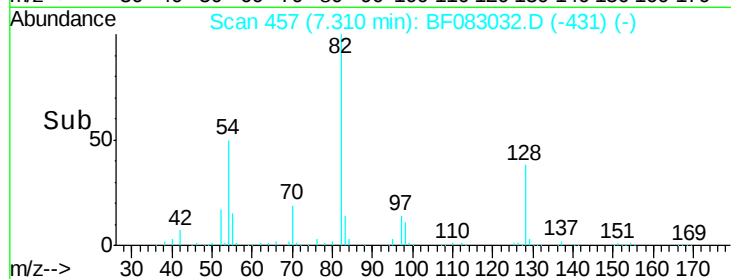
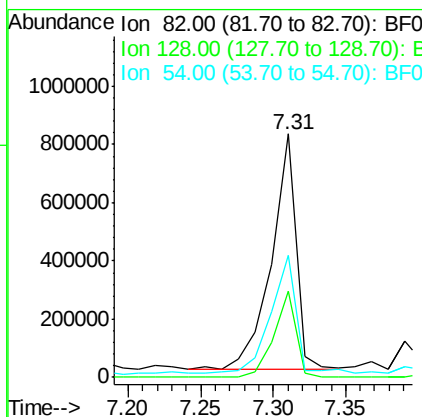
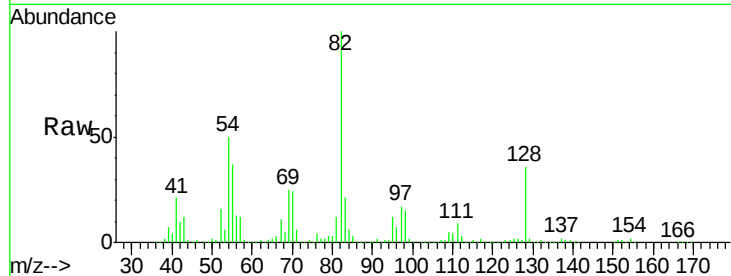
#23
 Nitrobenzene-d5
 Concen: 108.91 ng
 RT: 7.31 min Scan# 457
 Delta R.T. 0.00 min
 Lab File: BF083032.D
 Acq: 19 Nov 2015 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	966291		
128	35.5	26.8	40.2	
54	50.2	45.7	68.5	

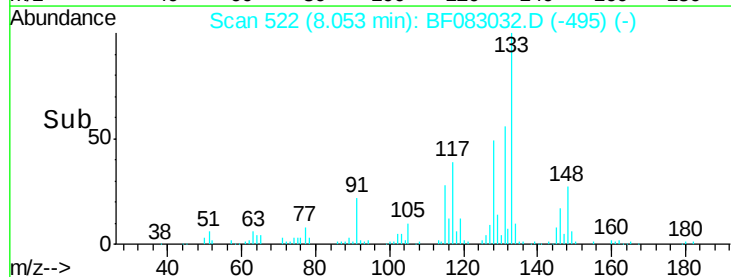
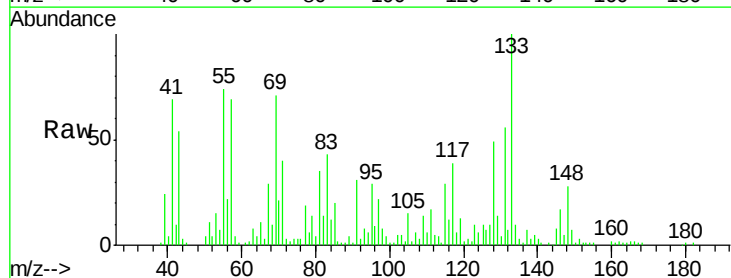
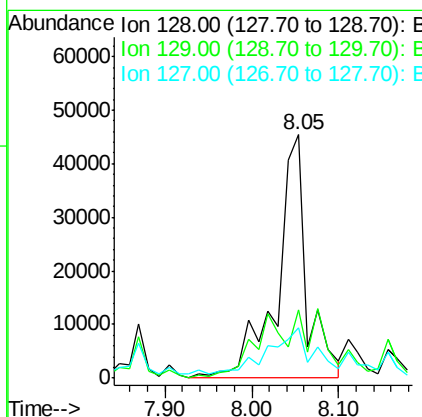
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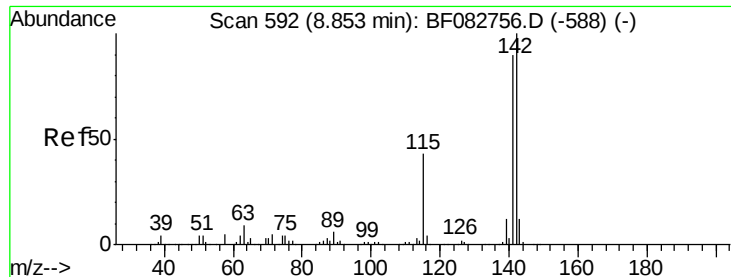
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#31
 Naphthalene
 Concen: 5.12 ng
 RT: 8.05 min Scan# 522
 Delta R.T. 0.01 min
 Lab File: BF083032.D
 Acq: 19 Nov 2015 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	109082		
129	28.0	9.5	14.3#	
127	20.4	11.4	17.0#	





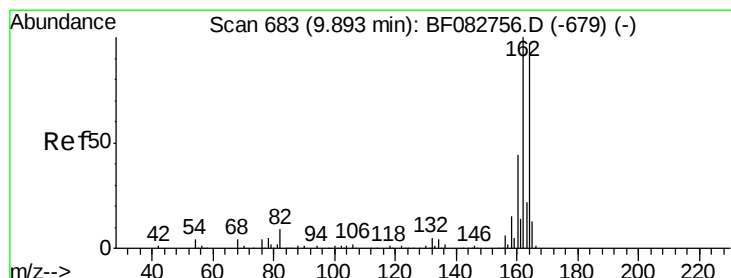
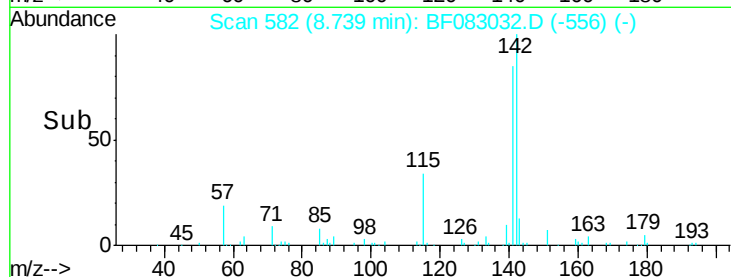
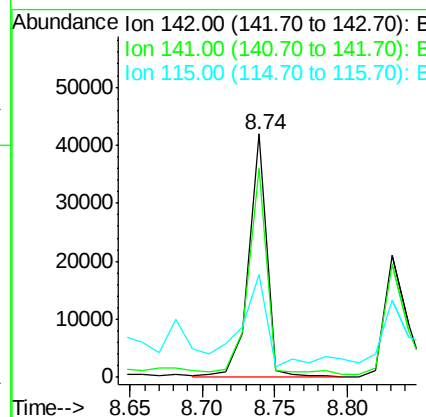
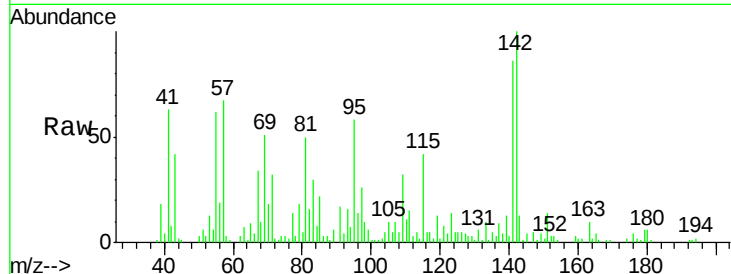
#37
2-Methylnaphthalene
Concen: 2.65 ng
RT: 8.74 min Scan# 582
Delta R.T. 0.00 min
Lab File: BF083032.D
Acq: 19 Nov 2015 2:48

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.7	72.3	108.5
115	42.2	38.1	57.1

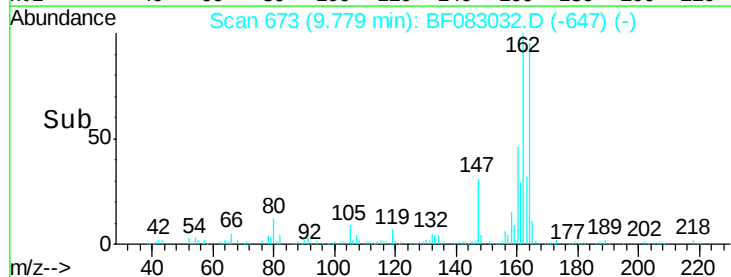
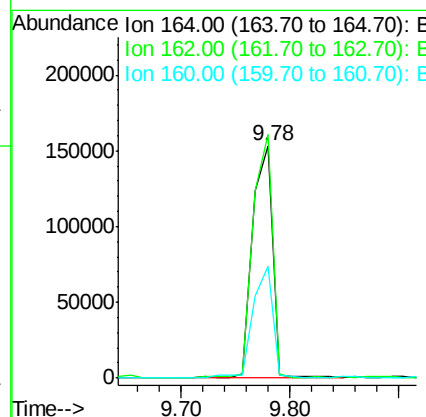
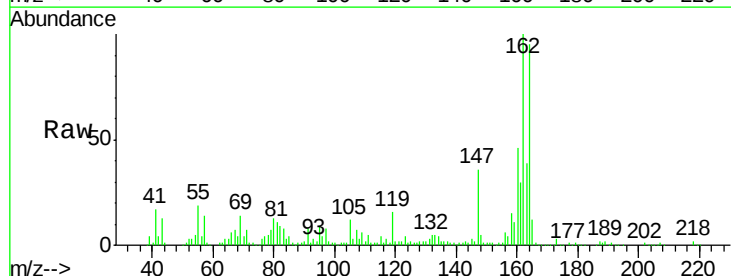
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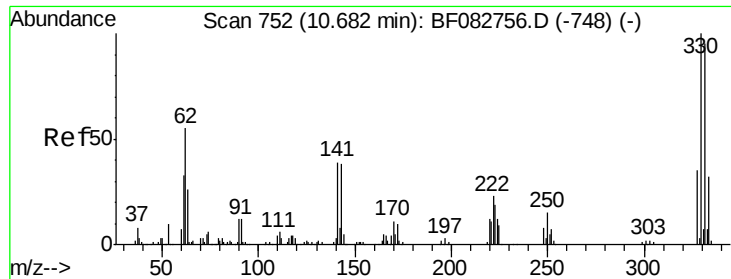
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF083032.D
Acq: 19 Nov 2015 2:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	84.9	127.3
160	48.2	37.5	56.3





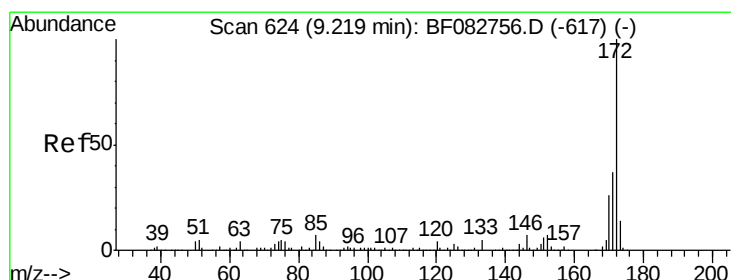
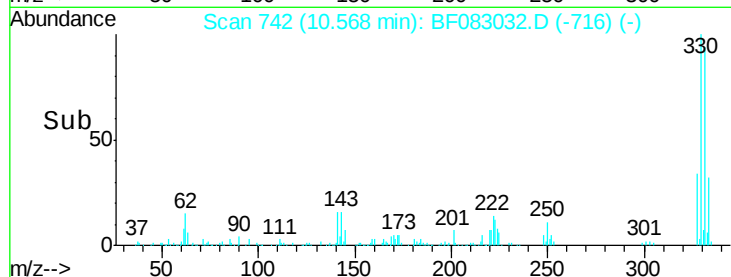
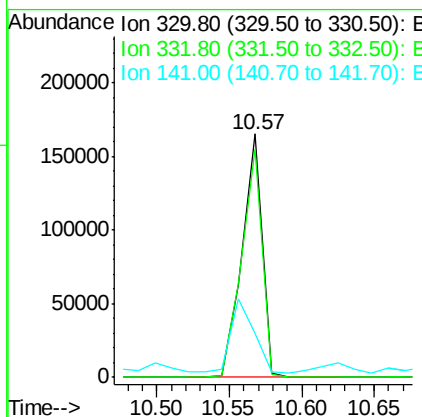
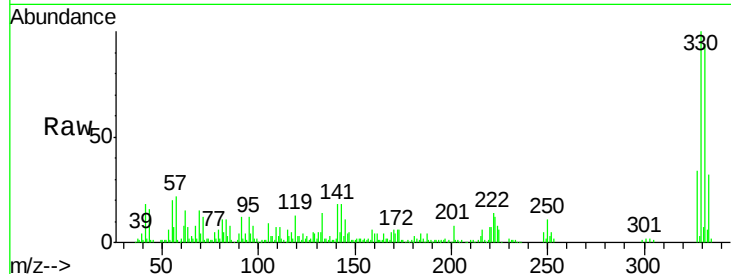
#41
 2,4,6-Tribromophenol
 Concen: 72.39 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF083032.D
 Acq: 19 Nov 2015 2:48

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	159936		
332	95.7	76.6	114.8	
141	33.8	41.2	61.8#	

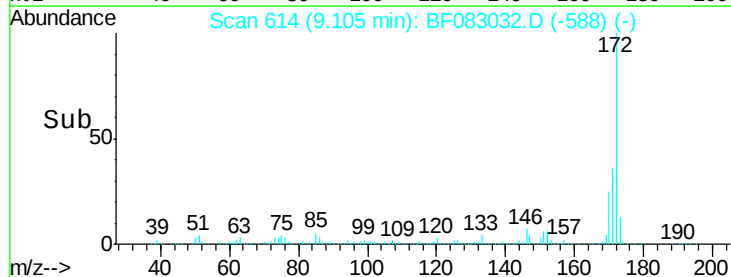
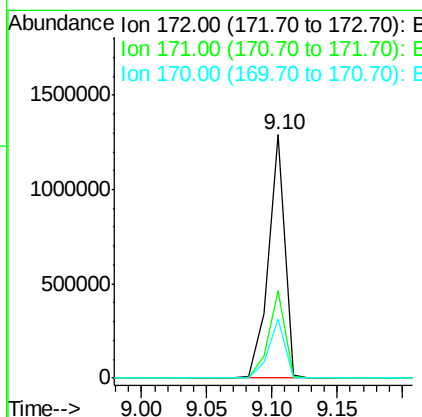
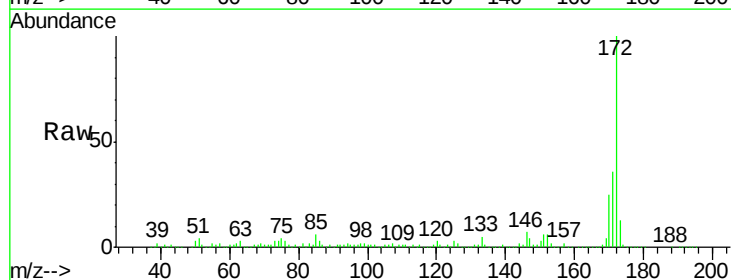
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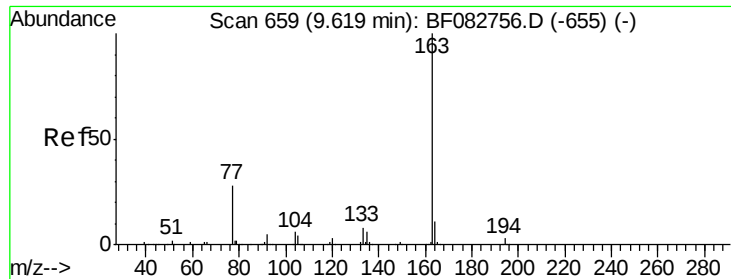
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#44
 2-Fluorobiphenyl
 Concen: 84.87 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF083032.D
 Acq: 19 Nov 2015 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1140967		
171	36.2	30.8	46.2	
170	24.5	21.2	31.8	





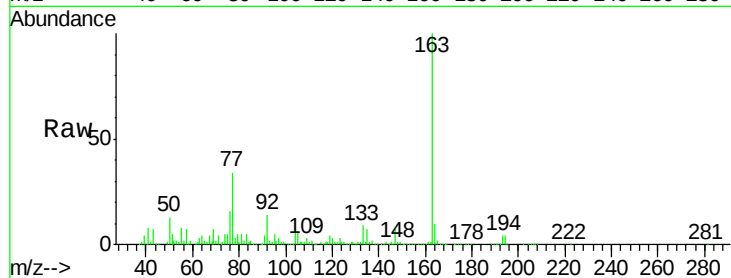
#49
Dimethylphthalate
Concen: 22.87 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF083032.D
Acq: 19 Nov 2015 2:48

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	361022		
194	3.7	2.6	4.0	
164	10.4	8.7	13.1	

Manual Integrations
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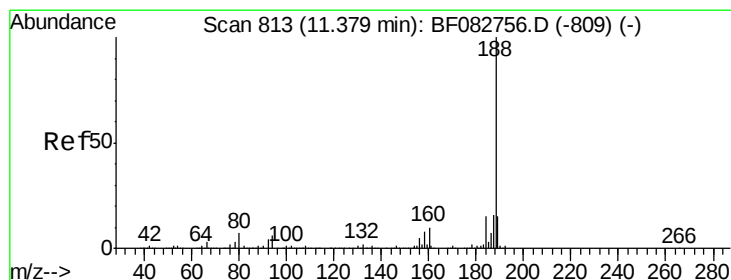
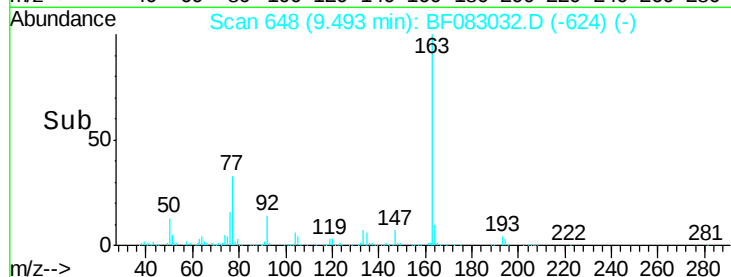
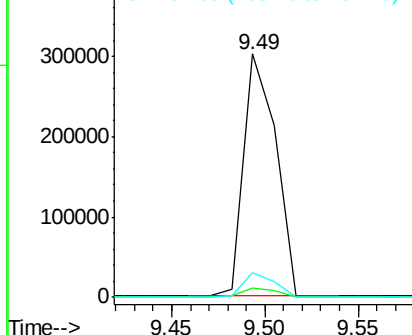


Abundance

Ion 163.00 (162.70 to 163.70): E

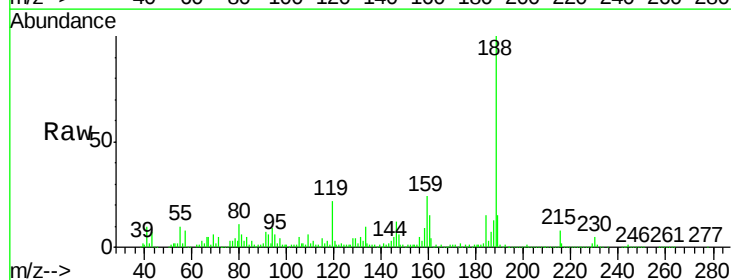
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF083032.D
Acq: 19 Nov 2015 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	317785		
94	9.1	6.1	9.1#	
80	10.6	7.0	10.6#	

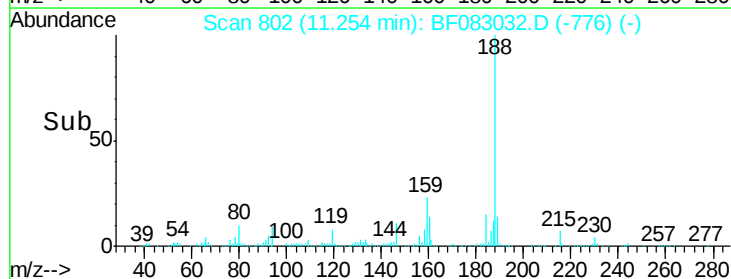
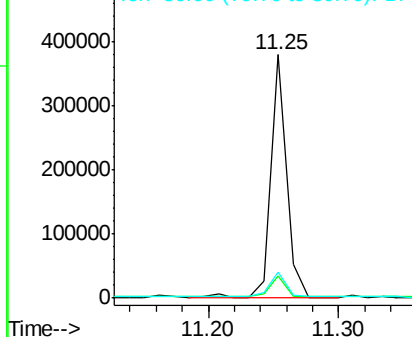


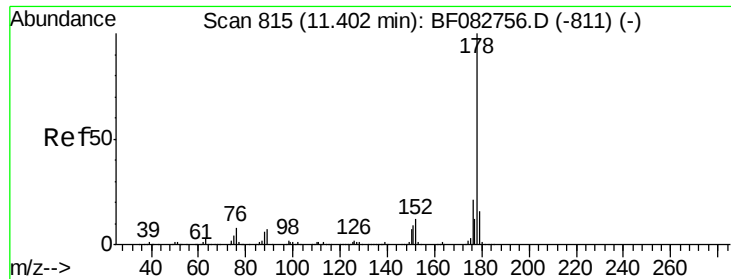
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 4.91 ng

RT: 11.28 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF083032.D

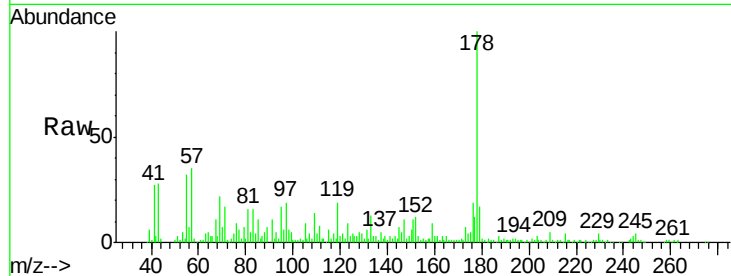
Acq: 19 Nov 2015 2:48

Instrument :

BNA_F

ClientSampleId :

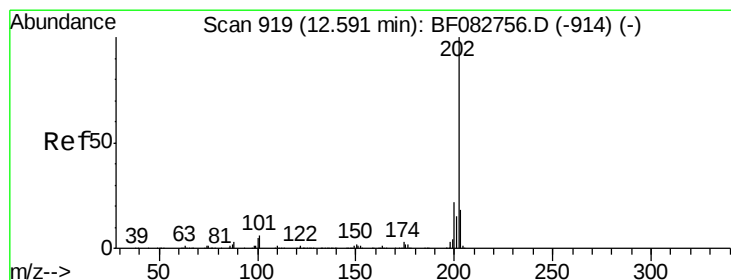
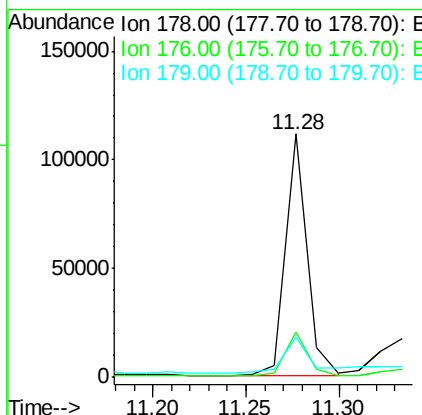
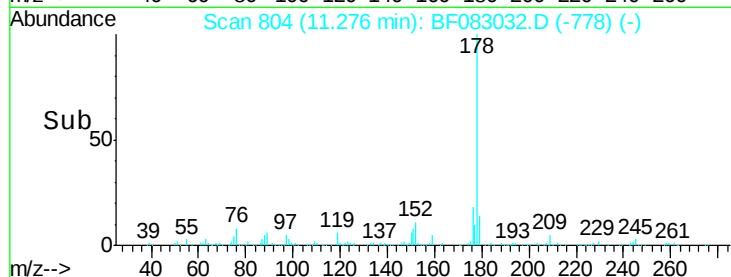
SB-2



Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	17.0	25.4
179	16.5	13.4	20.0

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#74

Fluoranthene

Concen: 4.03 ng

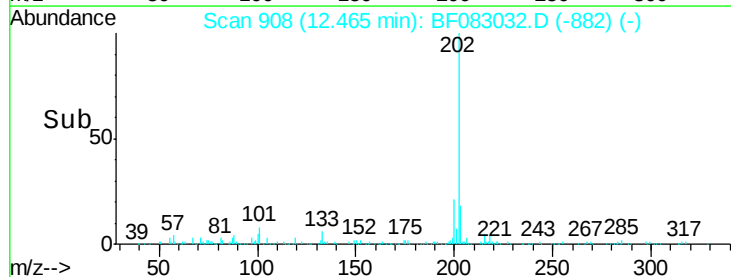
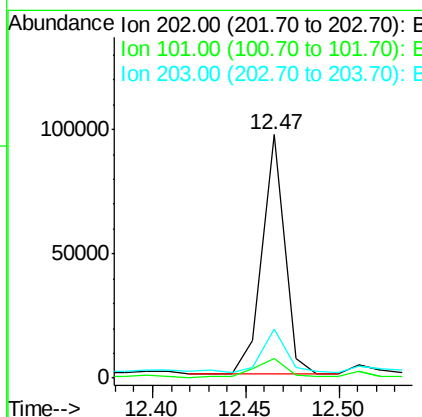
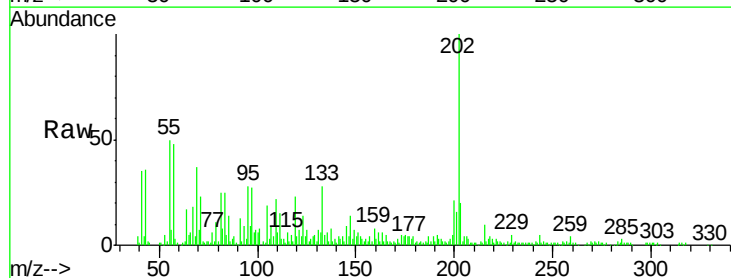
RT: 12.47 min Scan# 908

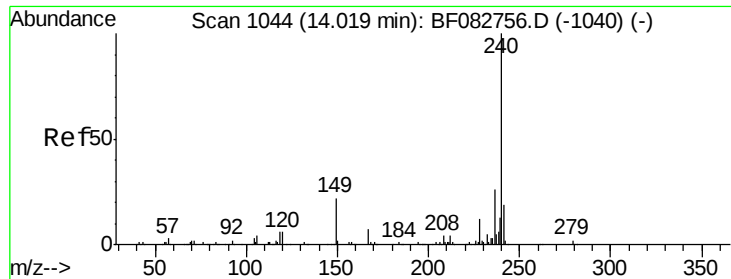
Delta R.T. 0.00 min

Lab File: BF083032.D

Acq: 19 Nov 2015 2:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	30.5
203	20.1	0.0	38.5





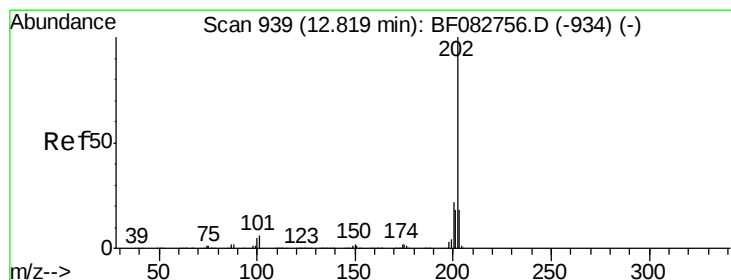
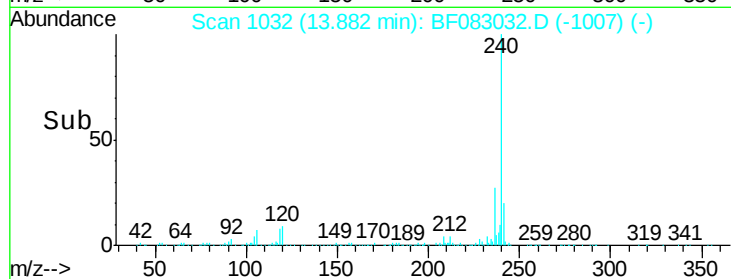
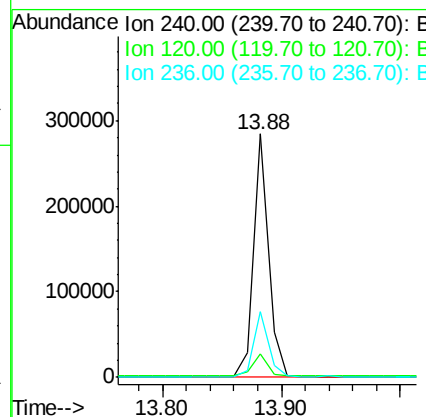
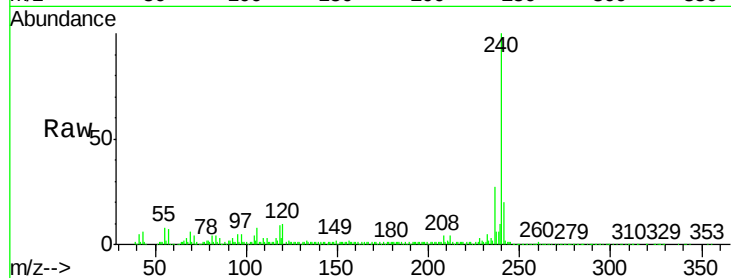
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF083032.D
Acq: 19 Nov 2015 2:48

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	253439		
120	9.7	10.9	16.3	
236	26.9	21.6	32.4	

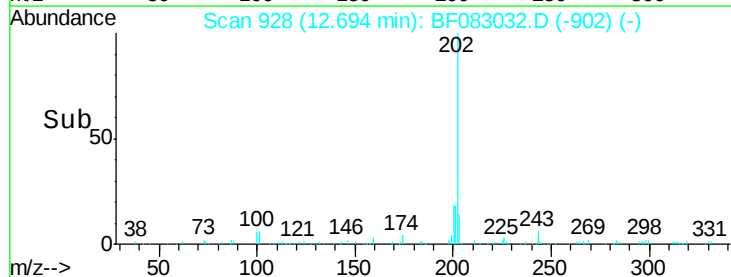
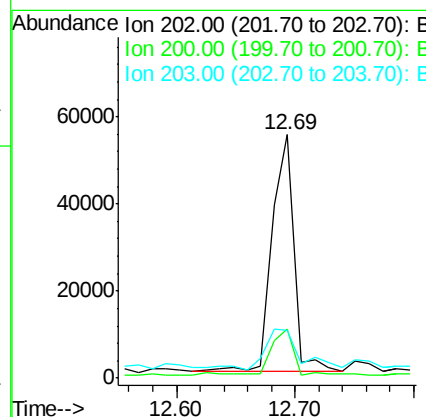
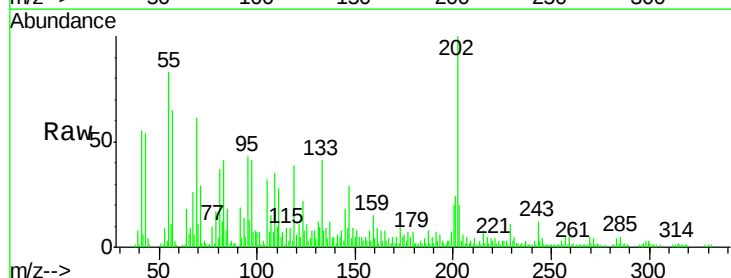
Manual Integrations
APPROVED

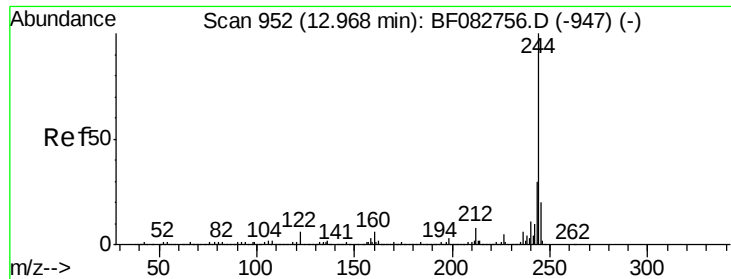
Mmdadoda
11/19/2015 6:45:02 PM



#77
Pyrene
Concen: 4.01 ng
RT: 12.69 min Scan# 928
Delta R.T. 0.00 min
Lab File: BF083032.D
Acq: 19 Nov 2015 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	69794		
200	19.9	18.7	28.1	
203	19.6	14.8	22.2	





#78

Terphenyl-d14

Concen: 74.46 ng

RT: 12.84 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF083032.D

Acq: 19 Nov 2015 2:48

Instrument :

BNA_F

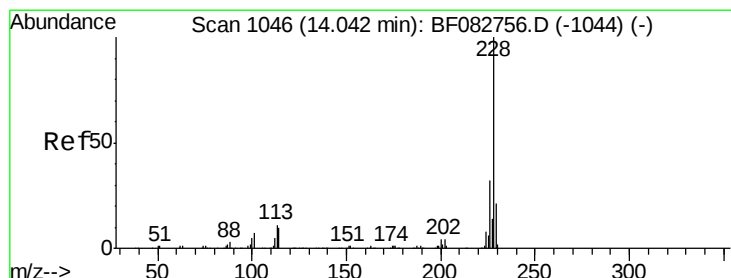
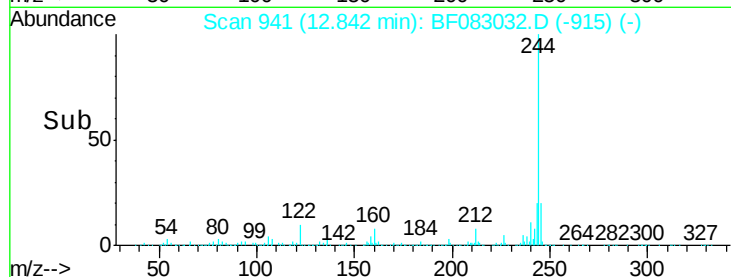
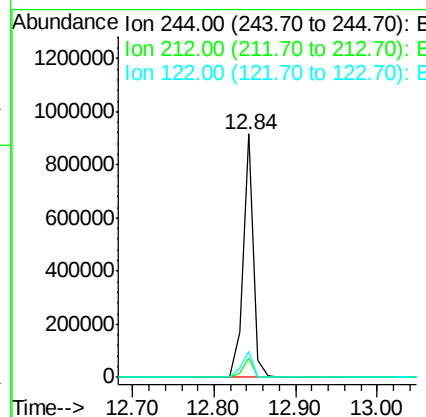
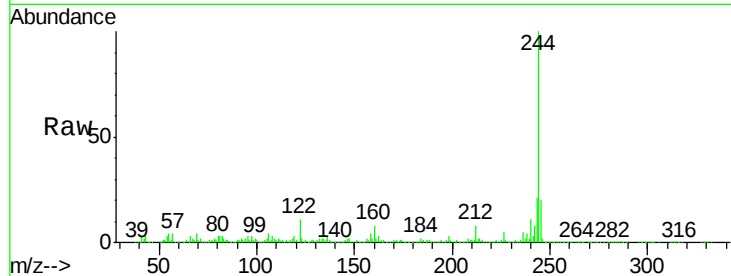
ClientSampleId :

SB-2

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	795587		
212	7.9	7.6	11.4	
122	10.7	11.3	16.9#	

Manual Integrations
APPROVED

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11/19/2015 6:45:02 PM



#82

Chrysene

Concen: 2.42 ng m

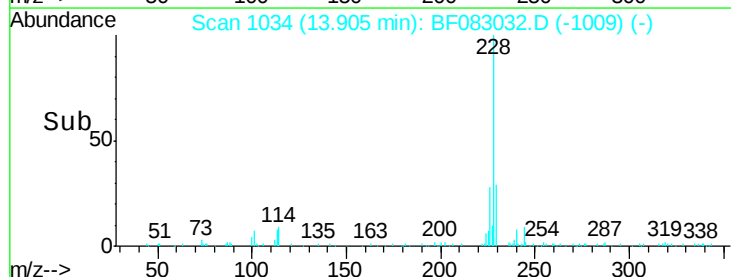
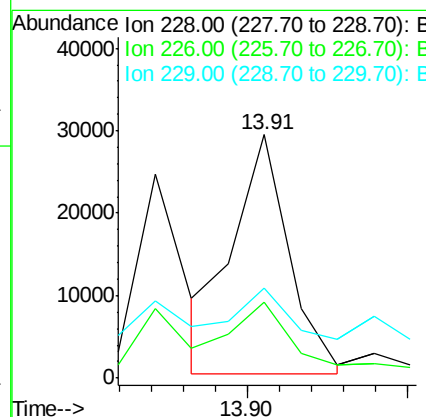
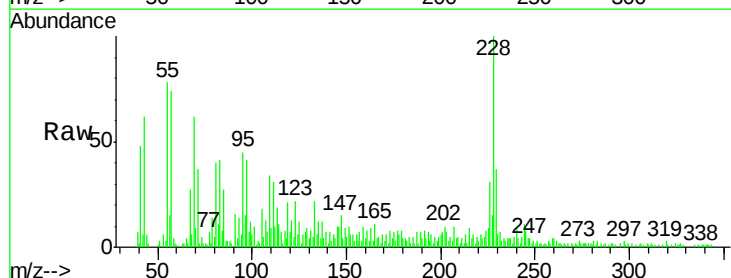
RT: 13.91 min Scan# 1034

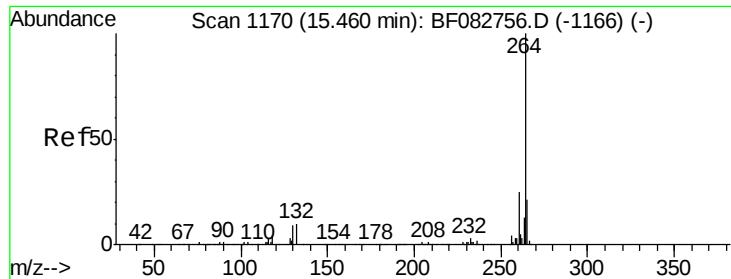
Delta R.T. -0.01 min

Lab File: BF083032.D

Acq: 19 Nov 2015 2:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	35070		
226	31.0	25.5	38.3	
229	37.1	16.3	24.5#	





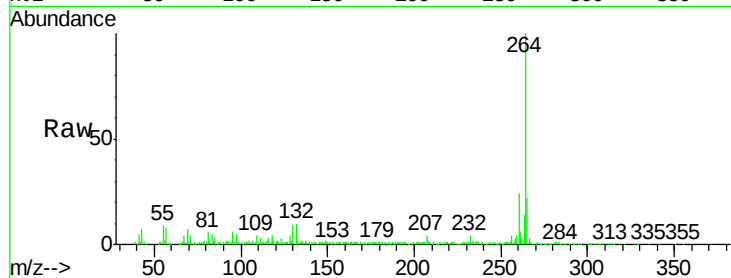
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF083032.D
Acq: 19 Nov 2015 2:48

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt	Ion	264	Resp:	204847
	Ratio	100	Lower	Upper
	260	23.9	19.8	29.6
	265	22.2	17.4	26.0

Manual Integrations
APPROVED

Mmdadoda
11/19/2015 6:45:02 PM



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

