

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091885.D
 Acq On : 22 Dec 2016 14:53
 Operator : UM/SJ
 Sample : H6142-01RE 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(1.5-2.5)RE

Manual Integrations
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Quant Time: Dec 23 02:30:45 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	276748	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	984244	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	309087	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	388016	20.00	ng	0.01
75) Chrysene-d12	13.93	240	331352	20.00	ng	0.02
86) Perylene-d12	15.36	264	260271	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	284600	17.17	ng	0.05
7) Phenol-d6	6.45	99	336461	16.63	ng	0.05
23) Nitrobenzene-d5	7.31	82	199070	11.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	35618	13.92	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	308647	8.91	ng	0.00
78) Terphenyl-d14	12.87	244	149036	10.91	ng	0.01
Target Compounds						
51) Acenaphthene	9.82	154	74628	4.27	ng	Qvalue # 90
57) Fluorene	10.41	166	77921m	4.54	ng	
77) Pyrene	12.73	202	266227	10.95	ng	# 88

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

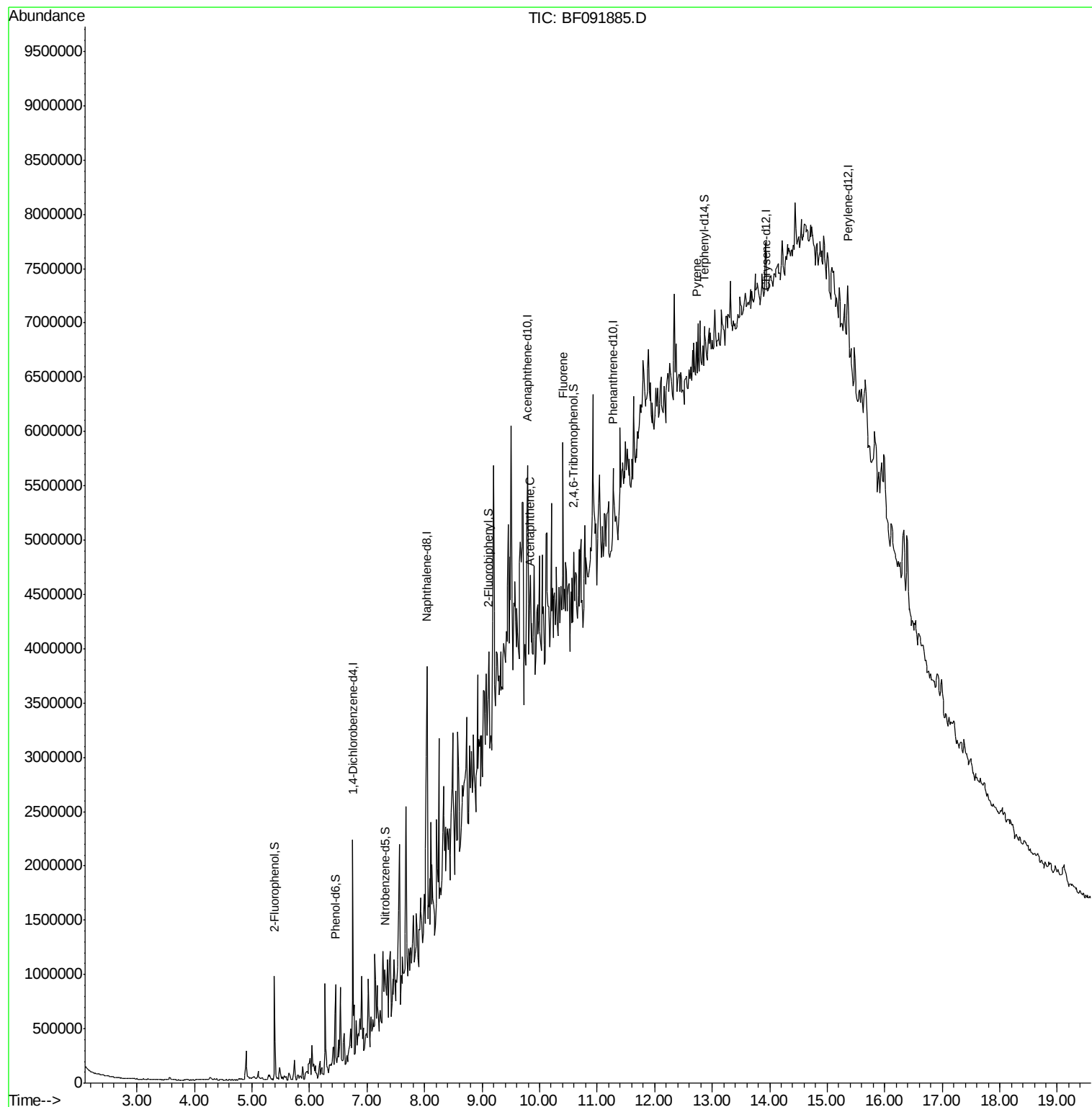
Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
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Instrument :
BNA_F
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SB-1(1.5-2.5)RE

Quant Time: Dec 23 02:30:45 2016
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#1

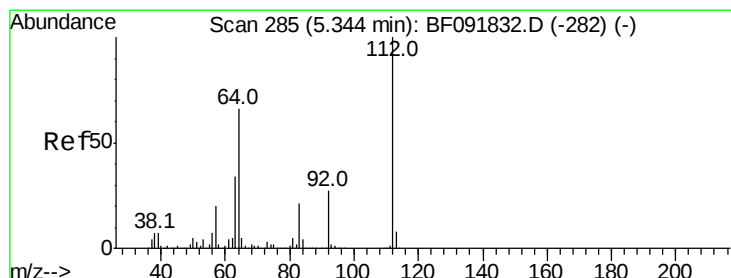
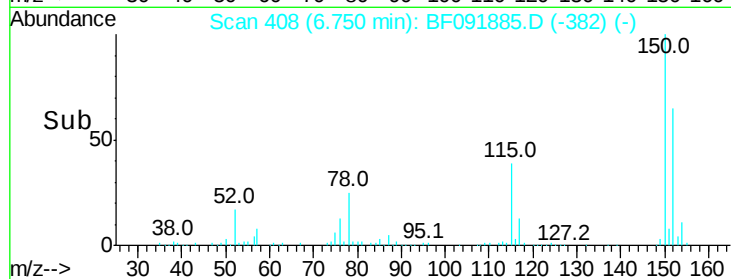
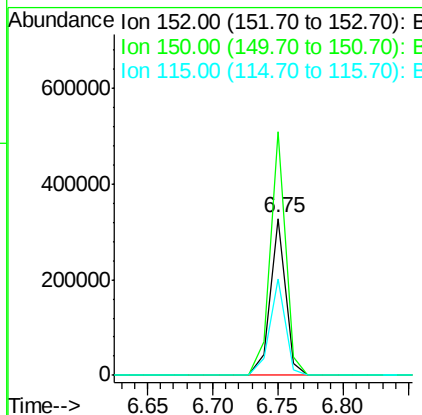
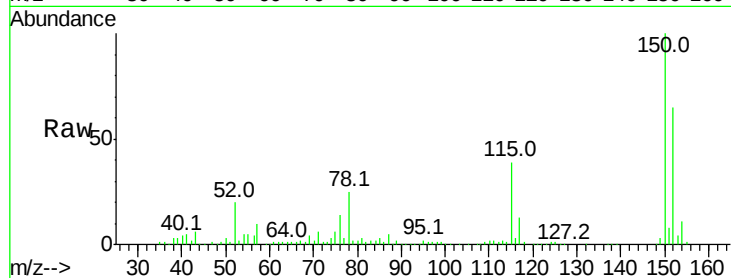
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.00 min
Lab File: BF091885.D
Acq: 22 Dec 2016 14:53

Instrument :
BNA_F
ClientSampleId :
SB-1(1.5-2.5)RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.9	187.3
115	61.0	46.0	69.0

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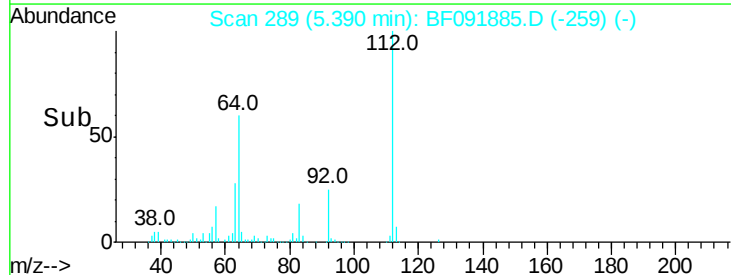
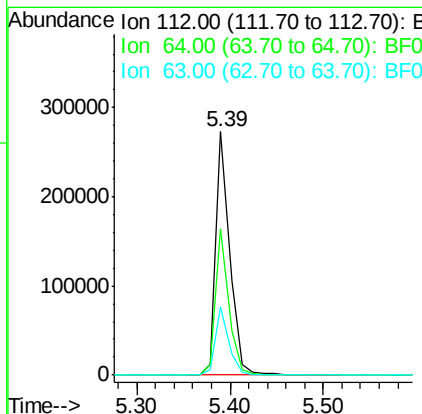
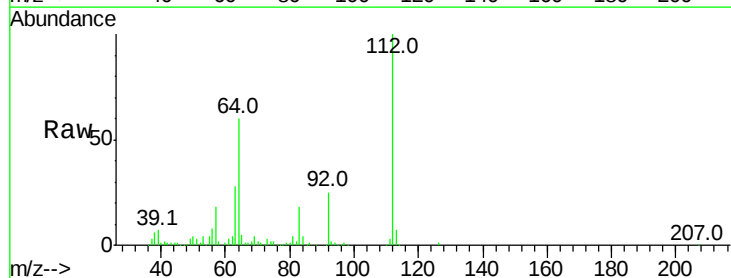
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#5

2-Fluorophenol
Concen: 17.17 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.05 min
Lab File: BF091885.D
Acq: 22 Dec 2016 14:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	46.1	69.1
63	28.2	23.8	35.6





#7

Phenol-d6

Concen: 16.63 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.05 min

Lab File: BF091885.D

Acq: 22 Dec 2016 14:53

Instrument :

BNA_F

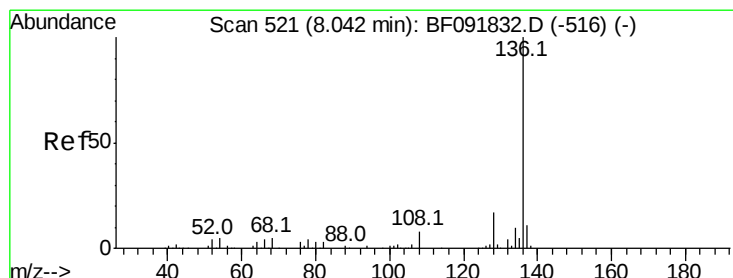
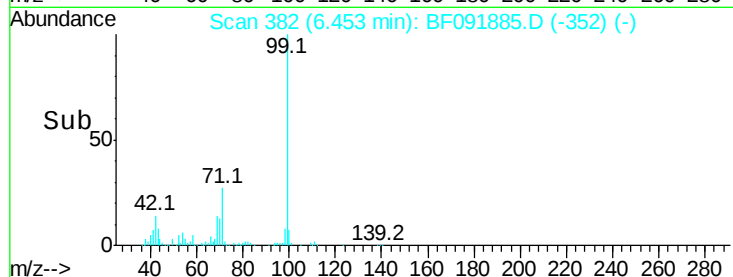
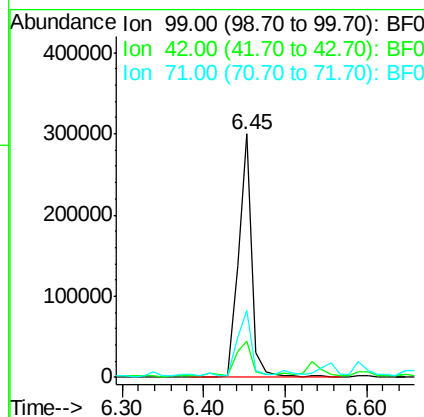
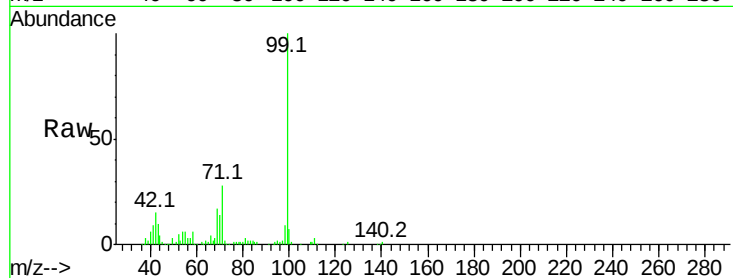
ClientSampleId :

SB-1(1.5-2.5)RE

Tot Ion	99	Resp	336461
Ion Ratio	Lower	Upper	
99	100		
42	14.9	15.6	23.4#
71	27.5	27.5	41.3

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#21

Naphthalene-d8

Concen: 20.00 ng

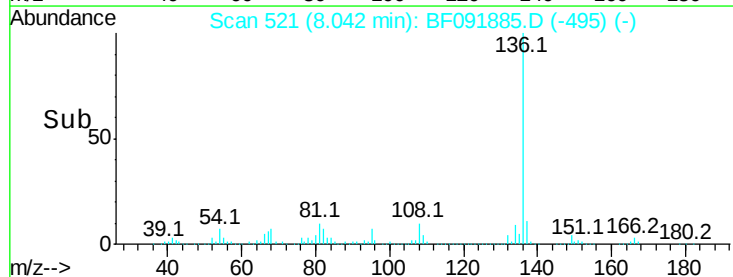
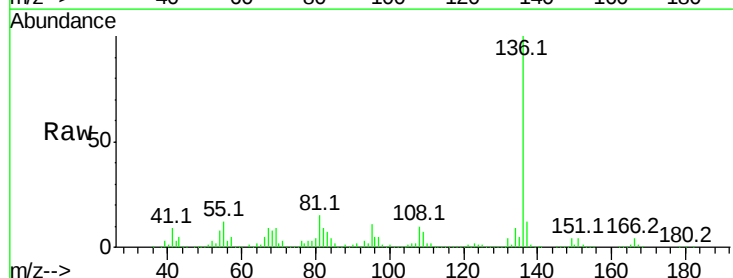
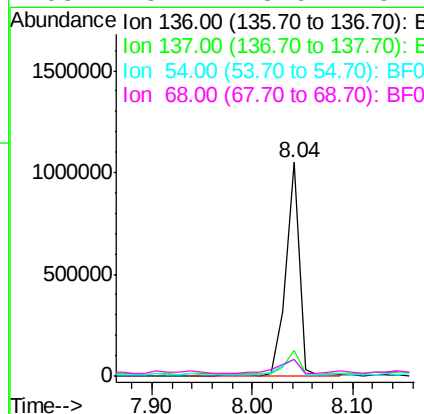
RT: 8.04 min Scan# 521

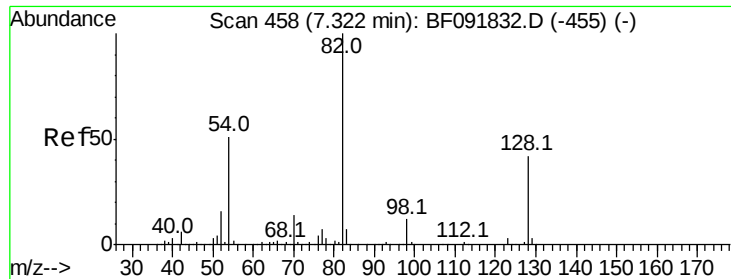
Delta R.T. -0.00 min

Lab File: BF091885.D

Acq: 22 Dec 2016 14:53

Tgt Ion	136	Resp	984244
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.4	12.6
54	8.0	4.5	6.7#
68	8.1	3.6	5.4#





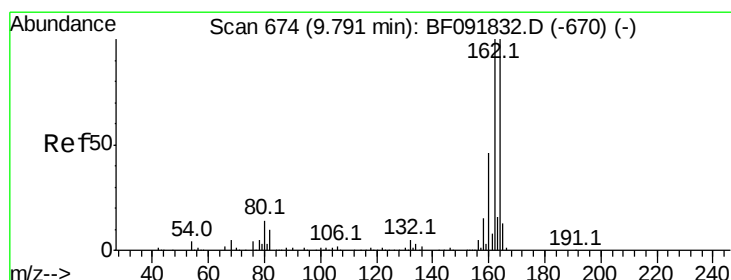
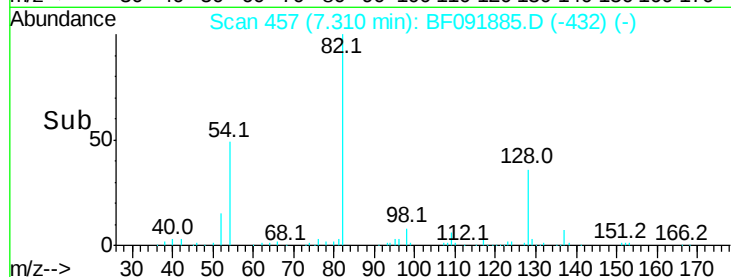
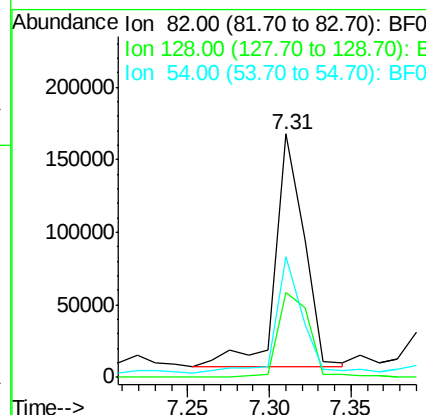
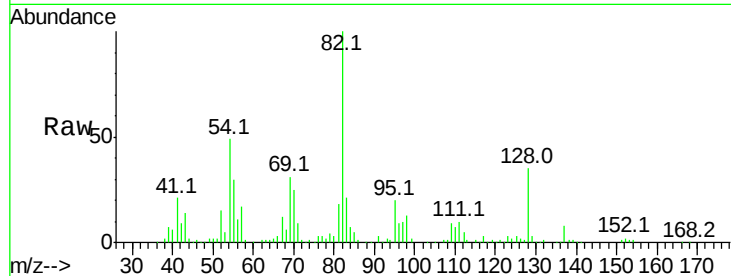
#23
Nitrobenzene-d5
Concen: 11.25 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091885.D
Acq: 22 Dec 2016 14:53

Instrument :
BNA_F
ClientSampleId :
SB-1(1.5-2.5)RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.6	34.6	52.0
54	49.4	39.5	59.3

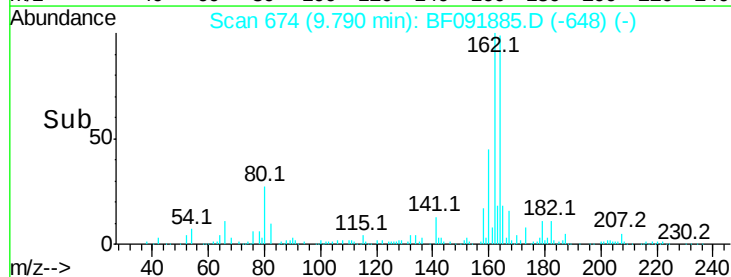
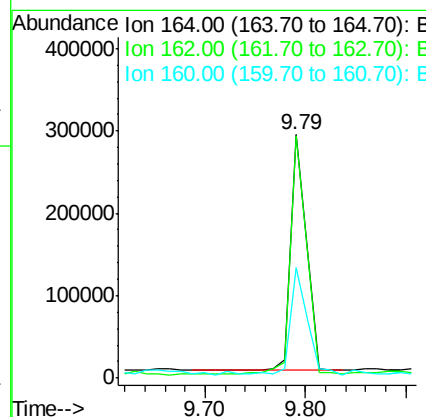
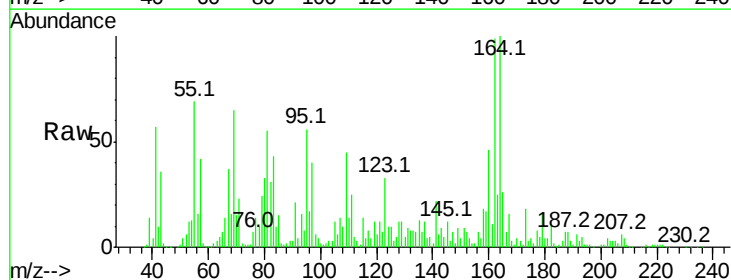
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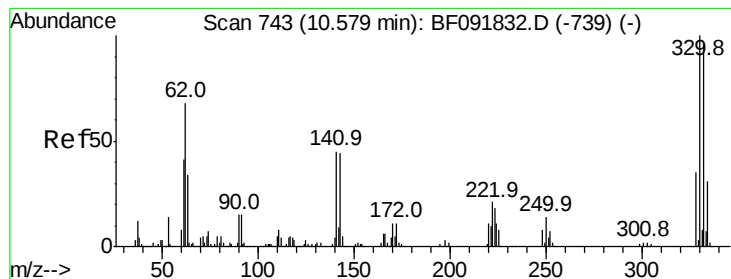
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF091885.D
Acq: 22 Dec 2016 14:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	80.2	120.2
160	45.6	36.9	55.3





#41

2,4,6-Tribromophenol

Concen: 13.92 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF091885.D

Acq: 22 Dec 2016 14:53

Instrument :

BNA_F

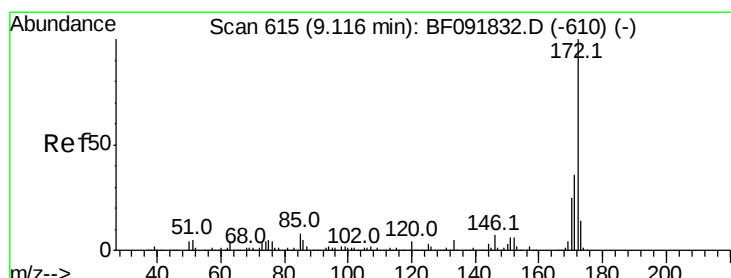
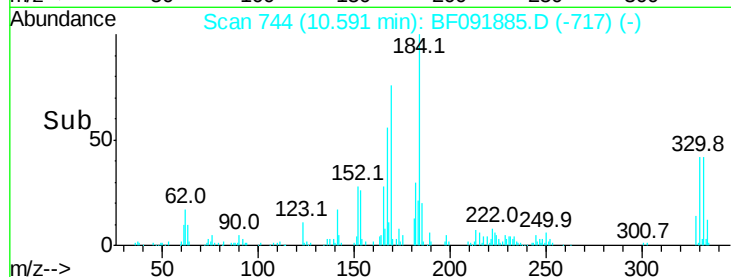
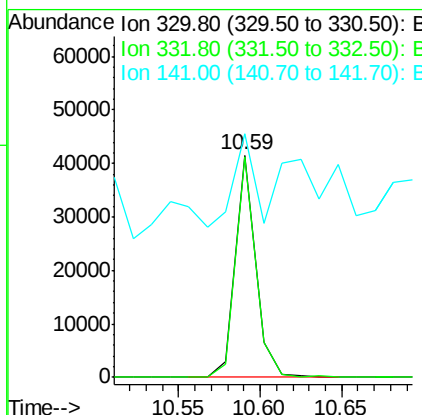
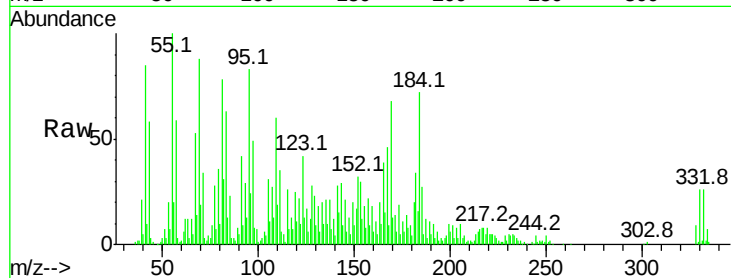
ClientSampleId :

SB-1(1.5-2.5)RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.4	116.2
141	41.0	34.1	51.1

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#44

2-Fluorobiphenyl

Concen: 8.91 ng

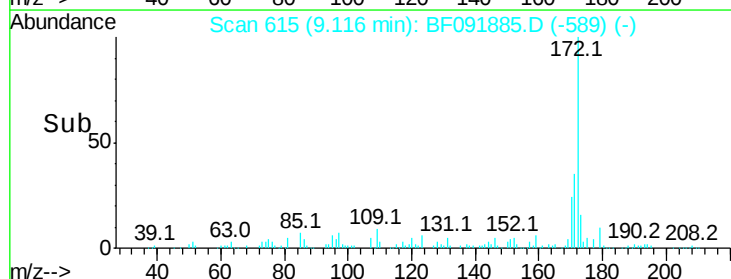
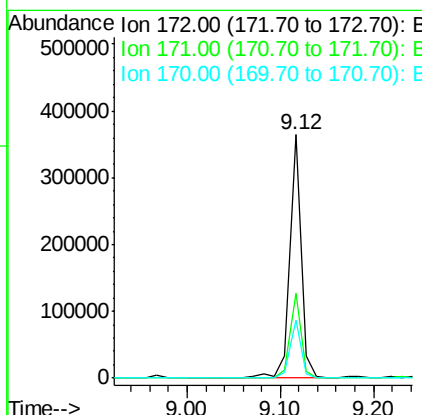
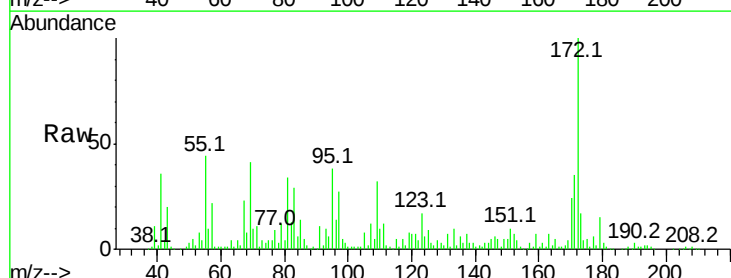
RT: 9.12 min Scan# 615

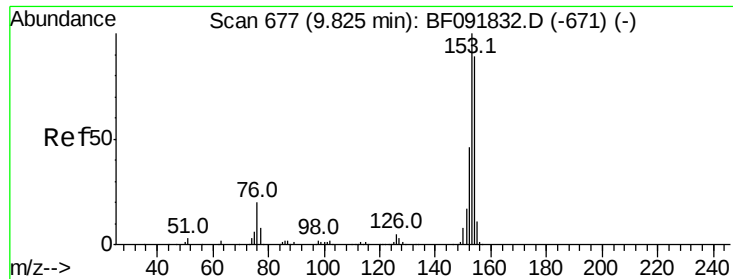
Delta R.T. 0.00 min

Lab File: BF091885.D

Acq: 22 Dec 2016 14:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.4	44.0
170	24.0	20.2	30.4





#51

Acenaphthene

Concen: 4.27 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF091885.D

Acq: 22 Dec 2016 14:53

Instrument :

BNA_F

ClientSampleId :

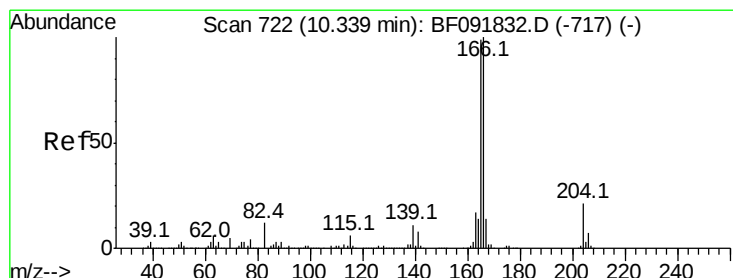
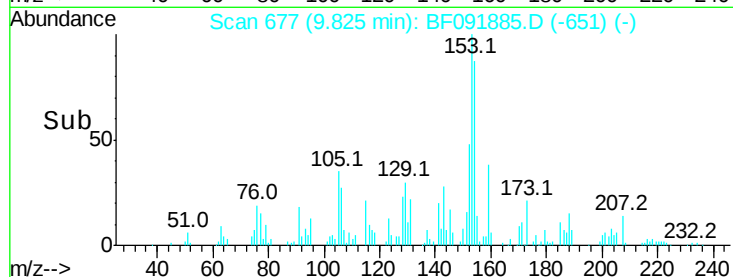
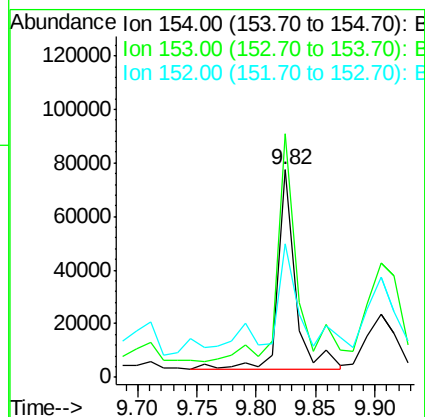
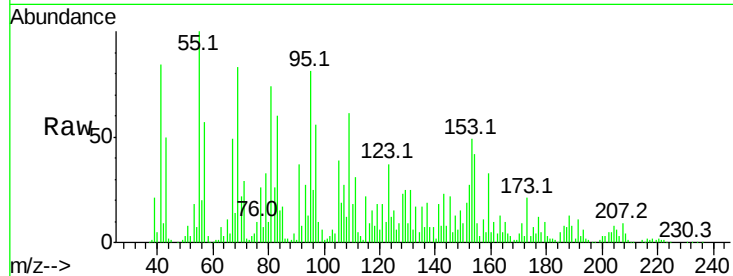
SB-1(1.5-2.5)RE

Tot Ion:154 Resp: 74628

Ion	Ratio	Lower	Upper
154	100		
153	117.3	88.6	133.0
152	64.2	41.6	62.4

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#57

Fluorene

Concen: 4.54 ng m

RT: 10.41 min Scan# 728

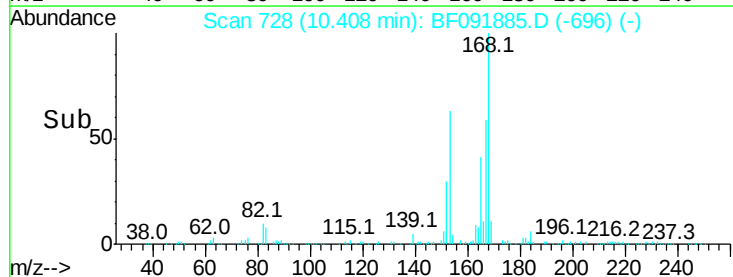
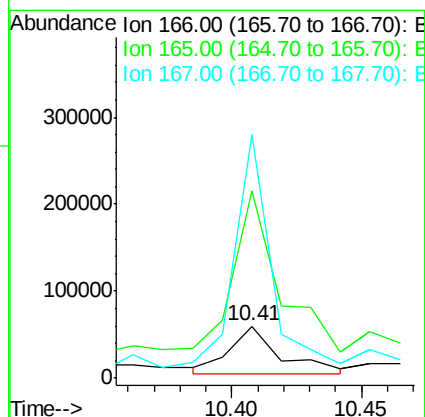
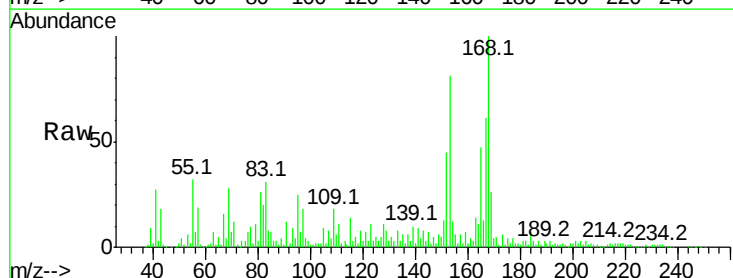
Delta R.T. 0.07 min

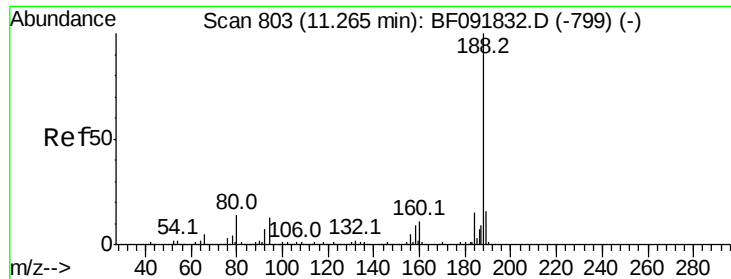
Lab File: BF091885.D

Acq: 22 Dec 2016 14:53

Tgt Ion:166 Resp: 77921

Ion	Ratio	Lower	Upper
166	100		
165	361.4	77.8	116.8
167	470.5	10.8	16.2





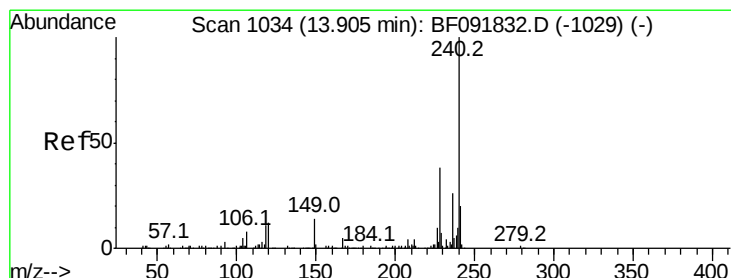
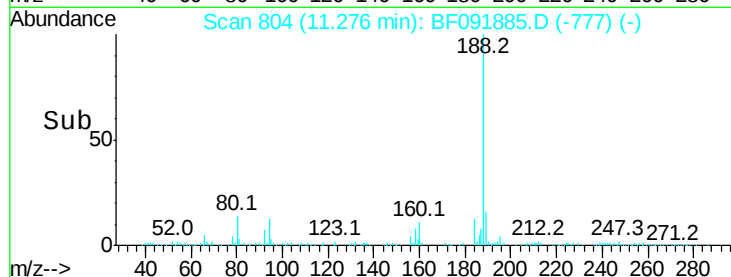
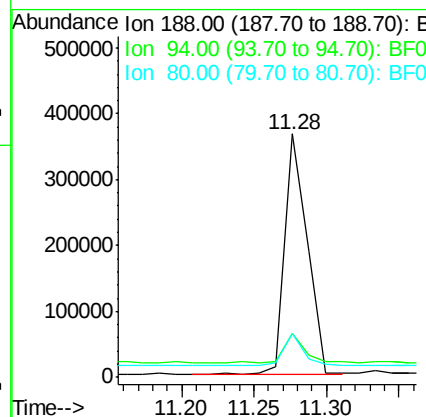
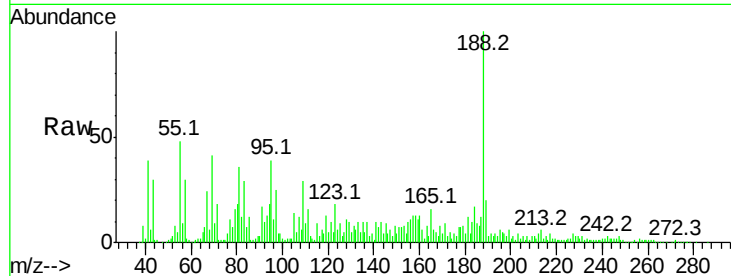
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF091885.D
Acq: 22 Dec 2016 14:53

Instrument :
BNA_F
ClientSampleId :
SB-1(1.5-2.5)RE

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	17.8	10.0	15.0#
80	18.1	11.2	16.8#

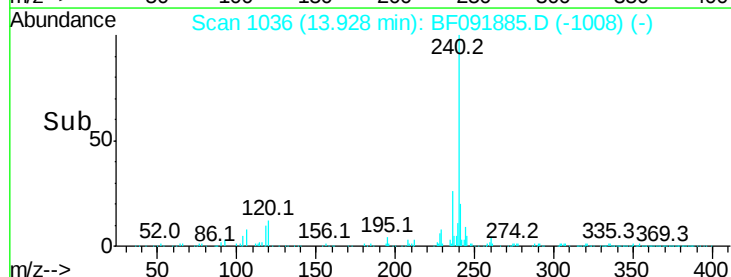
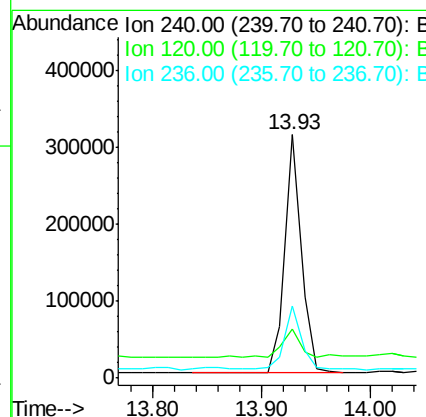
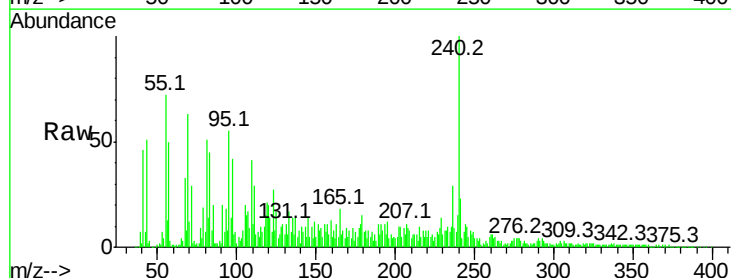
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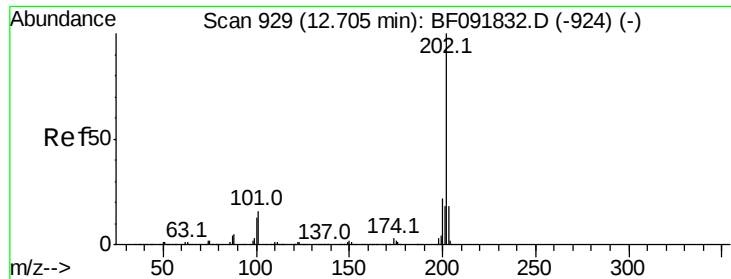
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. 0.02 min
Lab File: BF091885.D
Acq: 22 Dec 2016 14:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	20.3	12.9	19.3#
236	29.4	20.9	31.3





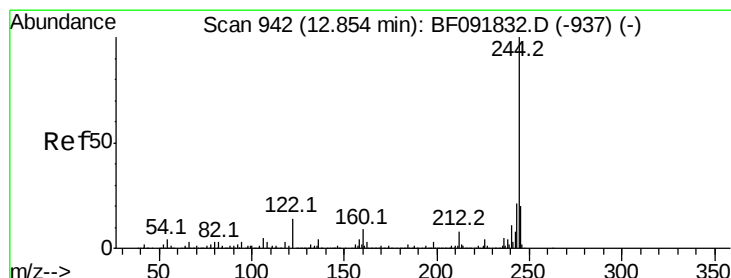
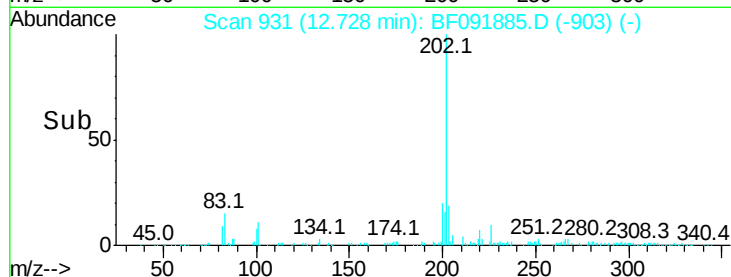
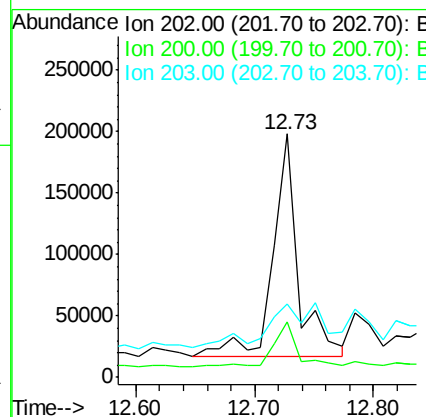
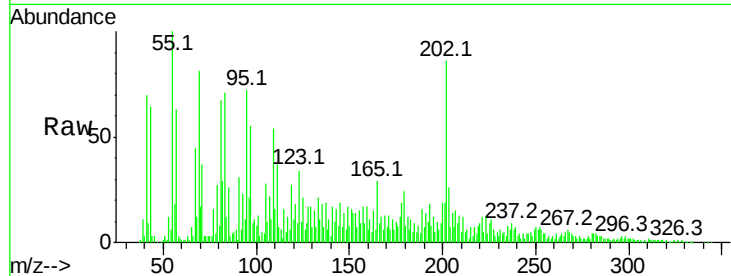
#77
Pvrene
Concen: 10.95 ng
RT: 12.73 min Scan# 931
Delta R.T. 0.02 min
Lab File: BF091885.D
Acq: 22 Dec 2016 14:53

Instrument :
BNA_F
ClientSampleId :
SB-1(1.5-2.5)RE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.6	17.7	26.5
203	30.0	14.7	22.1#

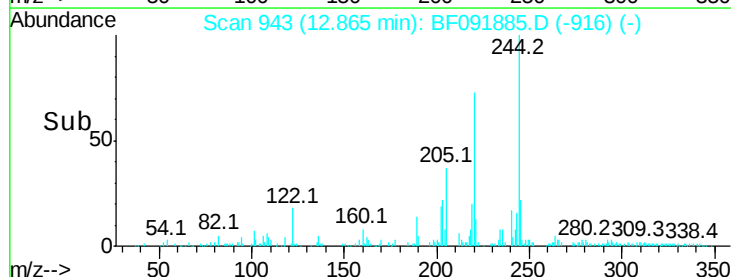
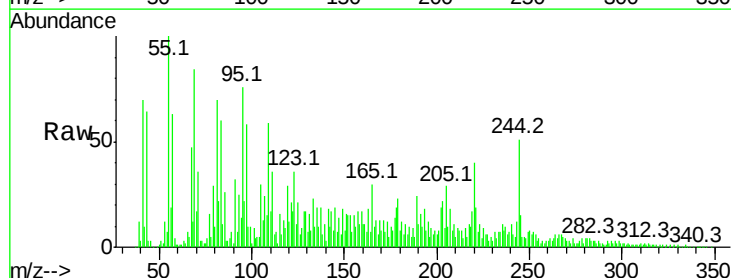
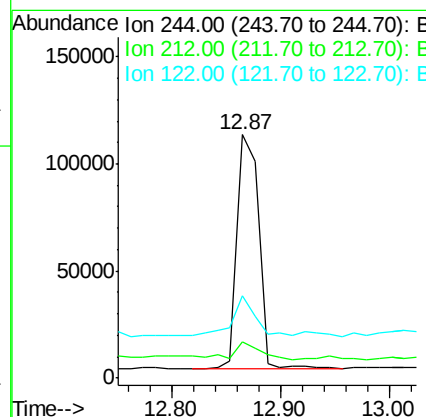
Manual Integrations
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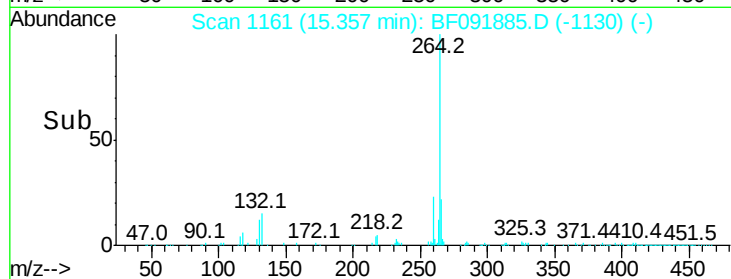
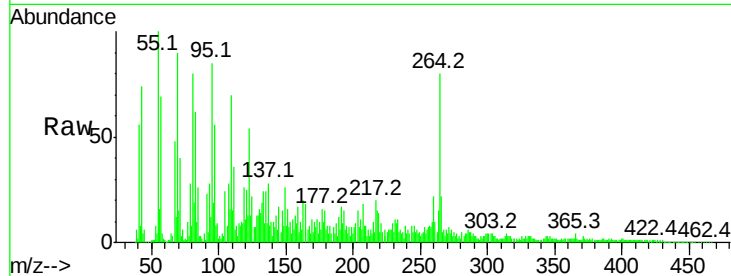
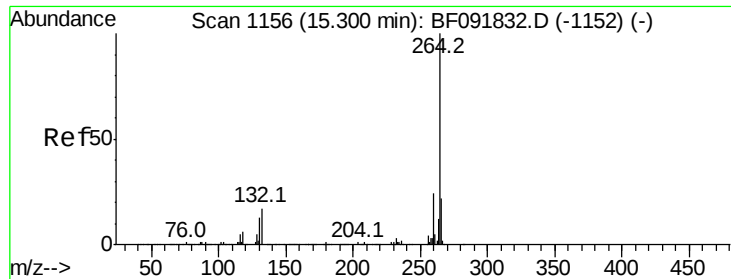
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#78
Terphenyl-d14
Concen: 10.91 ng
RT: 12.87 min Scan# 943
Delta R.T. 0.01 min
Lab File: BF091885.D
Acq: 22 Dec 2016 14:53

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	14.9	6.2	9.2#
122	34.0	11.4	17.2#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. 0.06 min
Lab File: BF091885.D
Acq: 22 Dec 2016 14:53

Instrument :
BNA_F
ClientSampleId :
SB-1(1.5-2.5)RE

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	28.0	19.2	28.8
265	27.5	17.4	26.0

Manual Integrations
APPROVED

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