

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
 Data File : BF091573.D
 Acq On : 14 Dec 2016 1:58
 Operator : UM/SJ
 Sample : H5922-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC120716

Manual Integrations
 APPROVED

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Quant Time: Dec 14 04:28:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	283994m	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1161807	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	530062	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	776498	20.00	ng	0.00
75) Chrysene-d12	13.96	240	591055	20.00	ng	0.00
86) Perylene-d12	15.37	264	524917	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	2116418	125.55	ng	0.02
7) Phenol-d6	6.45	99	2127716	101.25	ng	0.00
23) Nitrobenzene-d5	7.38	82	1800062	86.47	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	493862	112.17	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2537256	82.71	ng	-0.01
78) Terphenyl-d14	12.92	244	2046355	78.56	ng	0.00

Target Compounds Qvalue

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

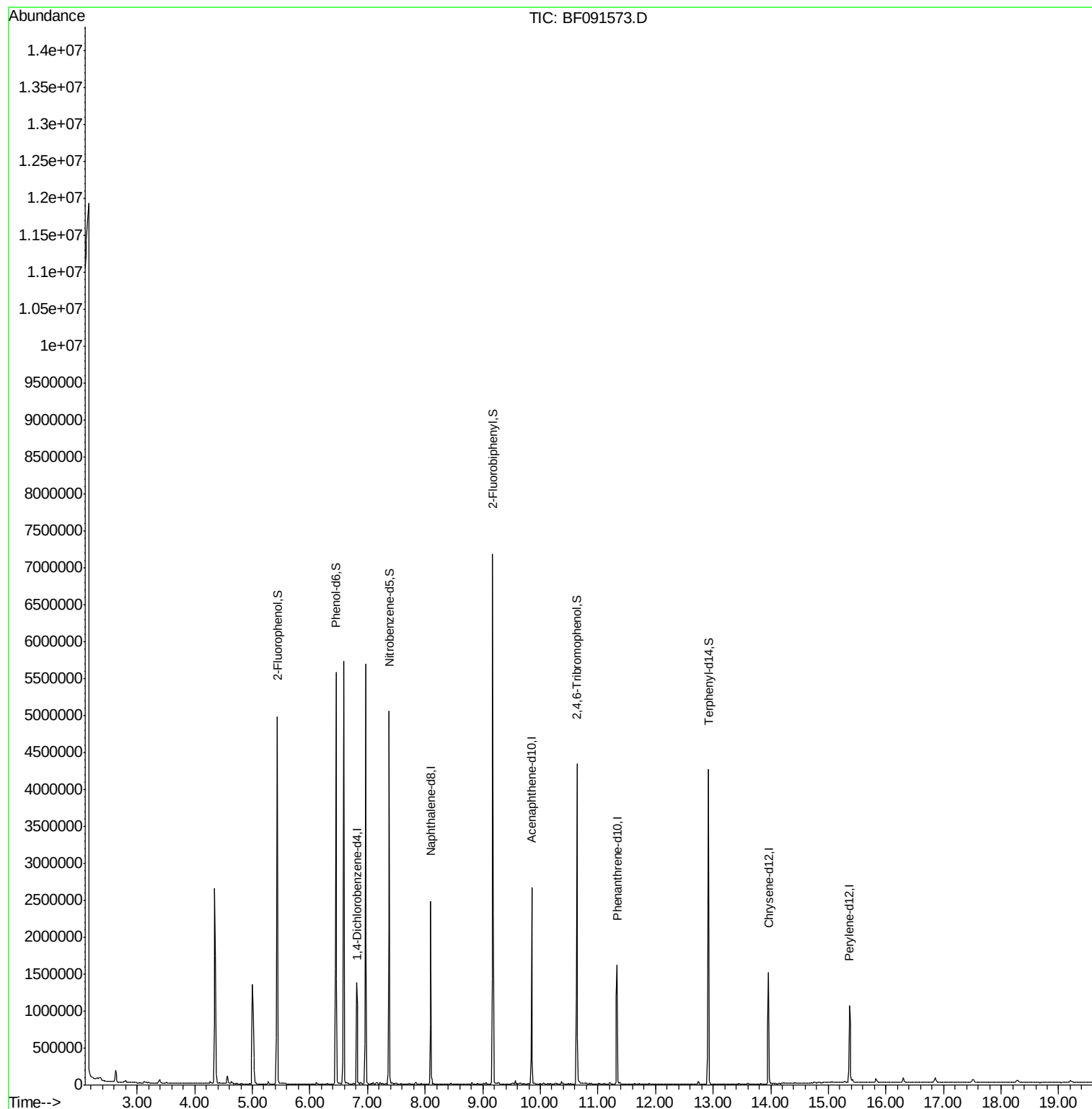
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
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ALS Vial : 27 Sample Multiplier: 1

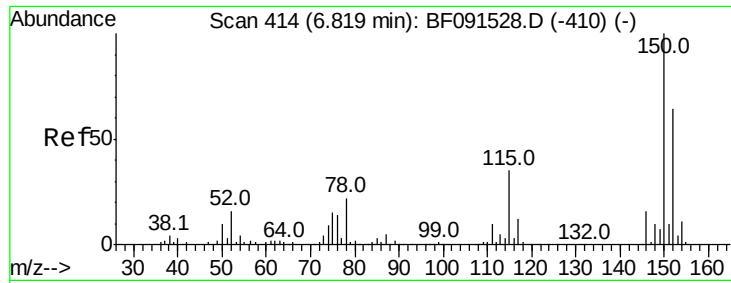
Instrument :
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#1

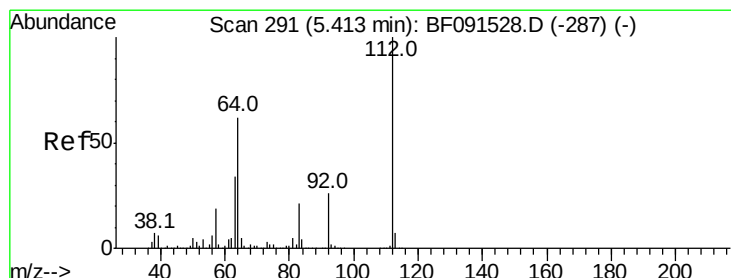
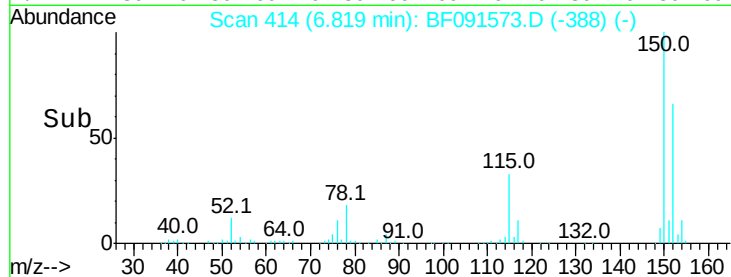
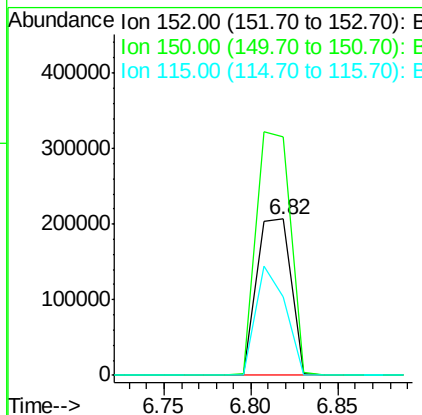
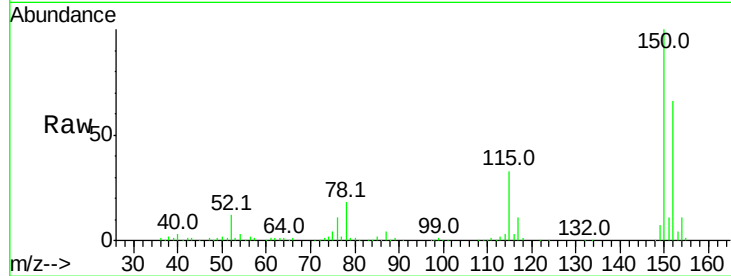
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF091573.D
Acq: 14 Dec 2016 1:58

Instrument :
BNA_F
ClientSampleId :
WC120716

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	122.5	183.7
115	50.5	51.8	77.8

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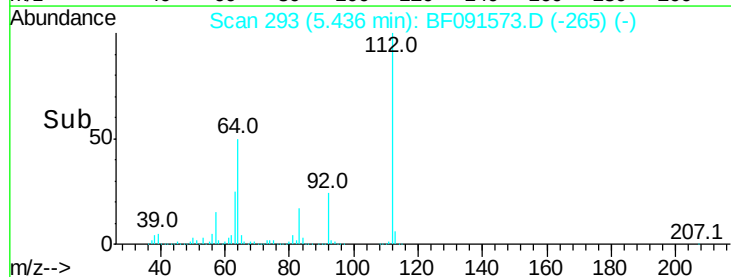
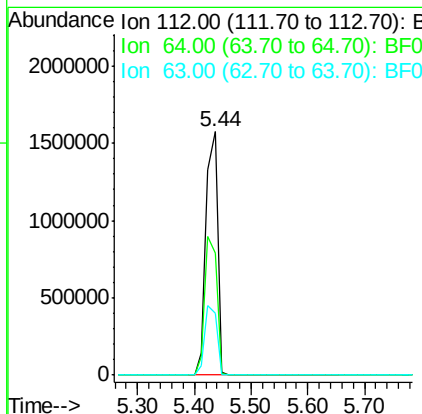
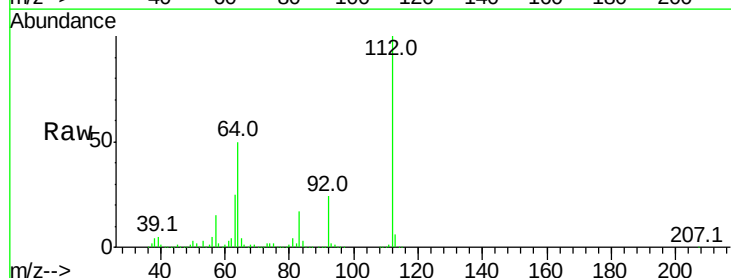
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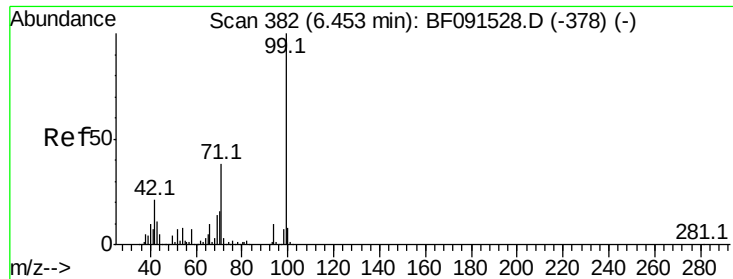


#5

2-Fluorophenol
Concen: 125.55 ng
RT: 5.44 min Scan# 293
Delta R.T. 0.02 min
Lab File: BF091573.D
Acq: 14 Dec 2016 1:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.2	61.5	92.3
63	25.3	33.3	49.9





#7

Phenol-d6

Concen: 101.25 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF091573.D

Acq: 14 Dec 2016 1:58

Instrument :

BNA_F

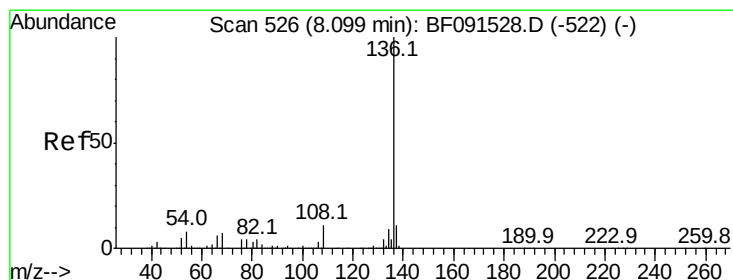
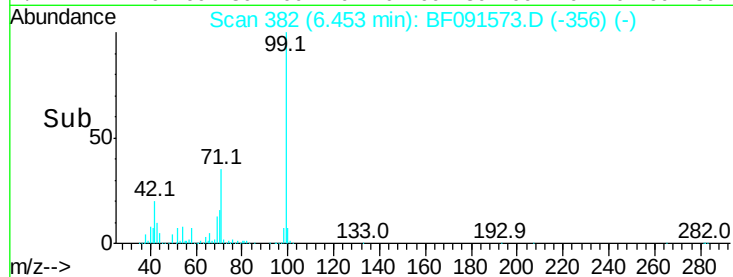
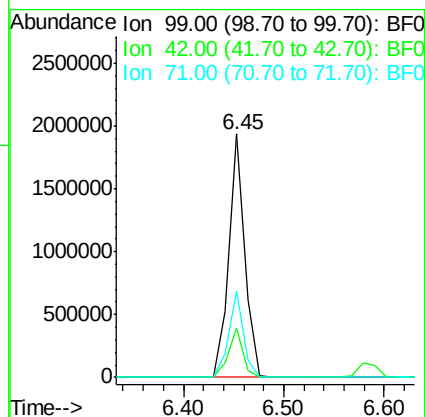
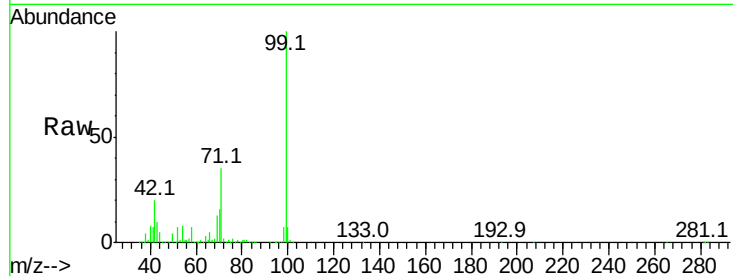
ClientSampleId :

WC120716

Tot Ion	99	Resp	2127716
Ion	Ratio	Lower	Upper
99	100		
42	19.9	20.6	31.0#
71	35.2	29.9	44.9

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#21

Naphthalene-d8

Concen: 20.00 ng

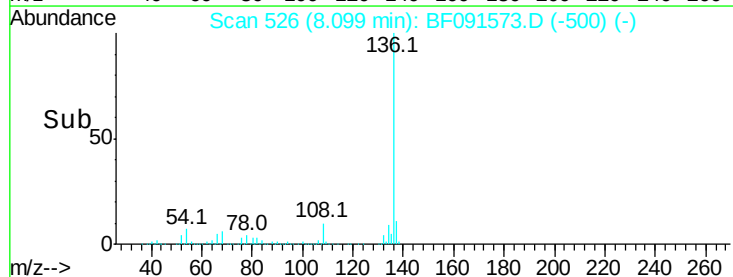
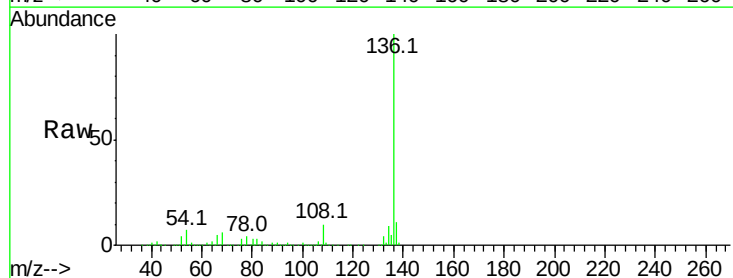
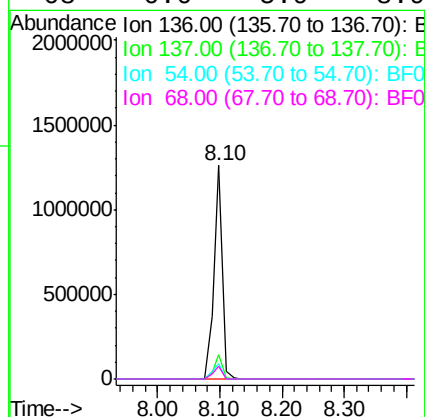
RT: 8.10 min Scan# 526

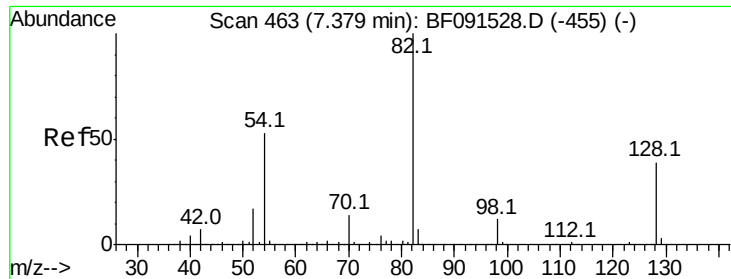
Delta R.T. 0.00 min

Lab File: BF091573.D

Acq: 14 Dec 2016 1:58

Tgt Ion	136	Resp	1161807
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	7.1	9.1	13.7#
68	6.0	5.9	8.9





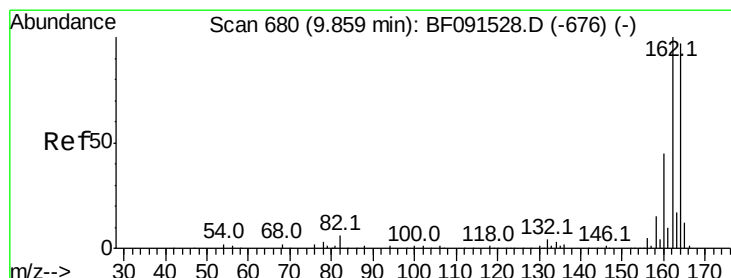
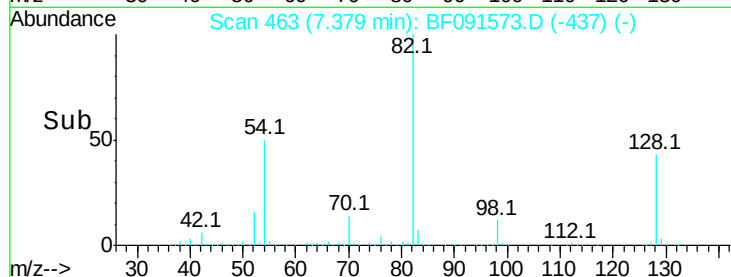
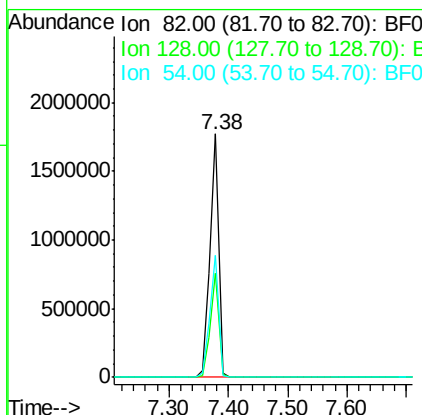
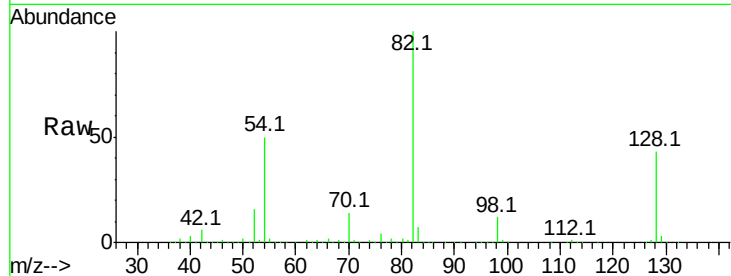
#23
 Nitrobenzene-d5
 Concen: 86.47 ng
 RT: 7.38 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF091573.D
 Acq: 14 Dec 2016 1:58

Instrument :
 BNA_F
 ClientSampleId :
 WC120716

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	31.8	47.6
54	49.9	49.1	73.7

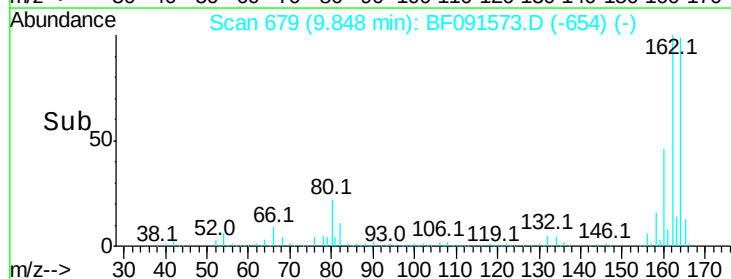
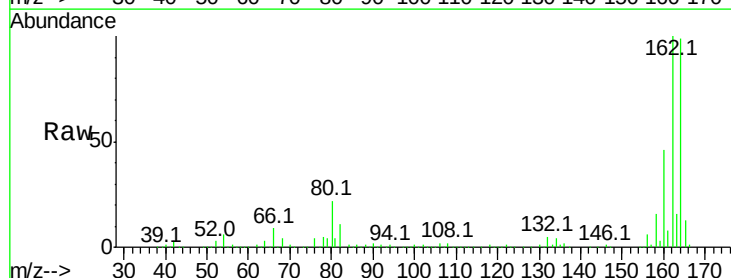
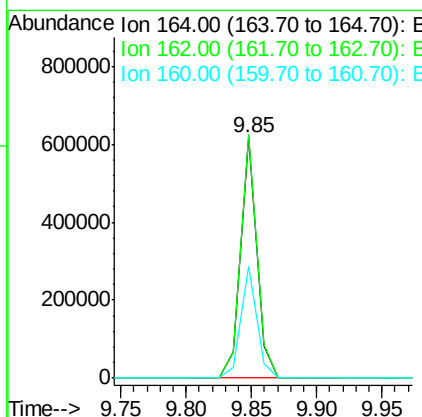
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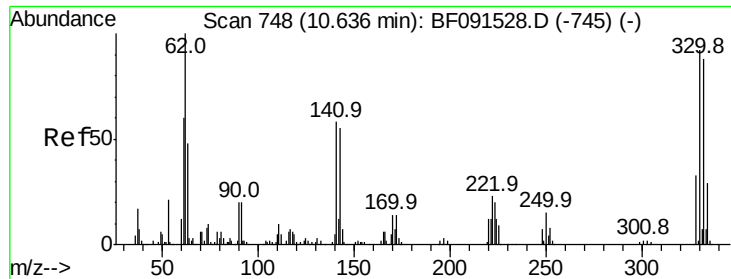
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.01 min
 Lab File: BF091573.D
 Acq: 14 Dec 2016 1:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	124.0
160	46.3	36.7	55.1





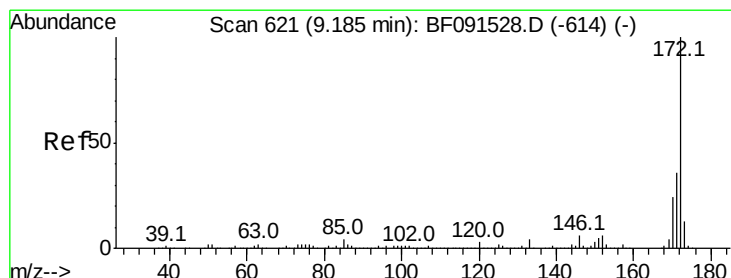
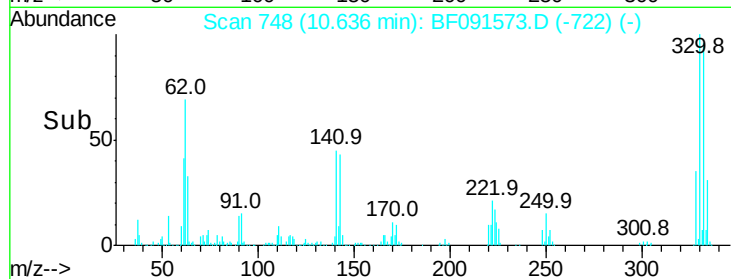
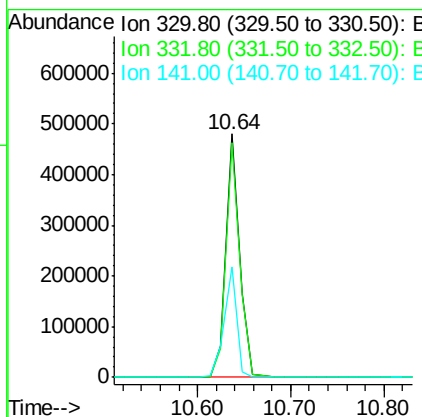
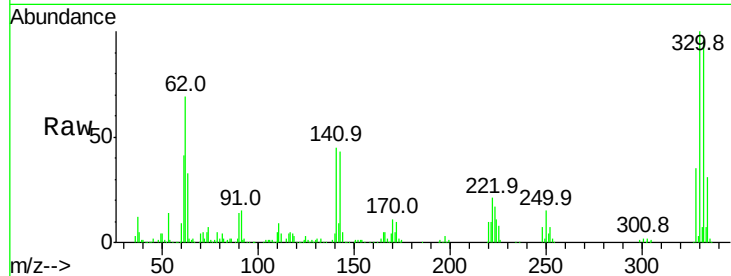
#41
 2,4,6-Tribromophenol
 Concen: 112.17 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF091573.D
 Acq: 14 Dec 2016 1:58

Instrument :
 BNA_F
 ClientSampleId :
 WC120716

Tot Ion	Ratio	Resp	Lower	Upper
330	100	493862		
332	97.1	76.2	114.4	
141	41.5	33.6	50.4	

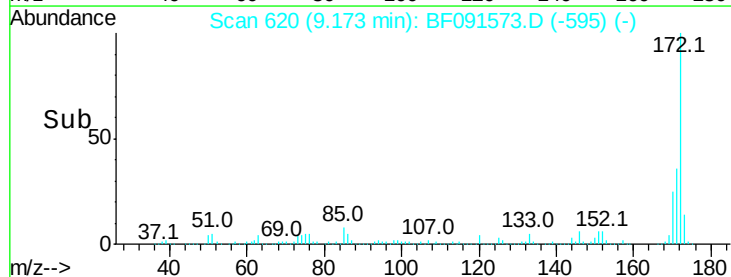
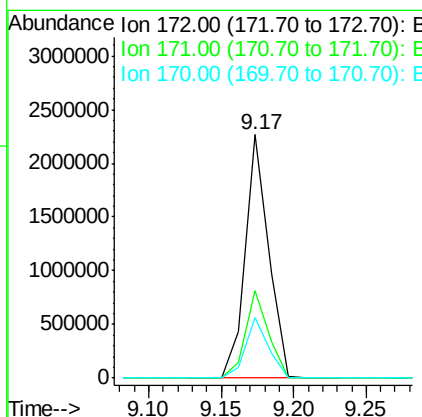
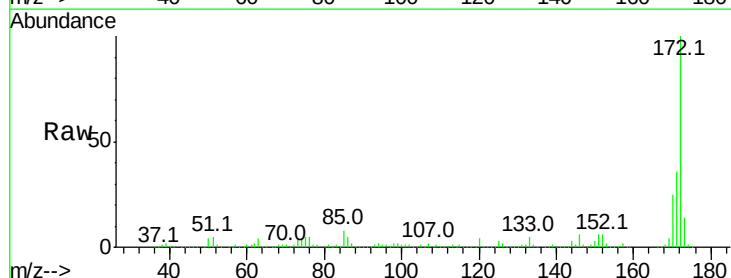
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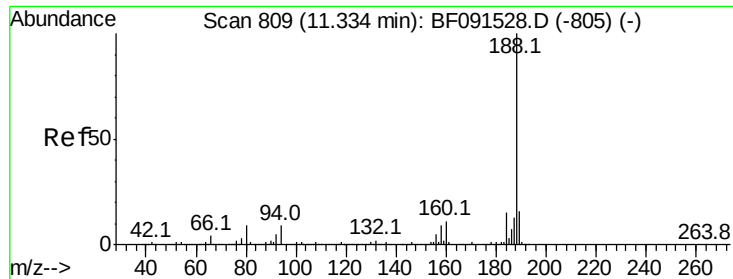
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#44
 2-Fluorobiphenyl
 Concen: 82.71 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF091573.D
 Acq: 14 Dec 2016 1:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2537256		
171	36.1	29.4	44.0	
170	24.7	19.7	29.5	





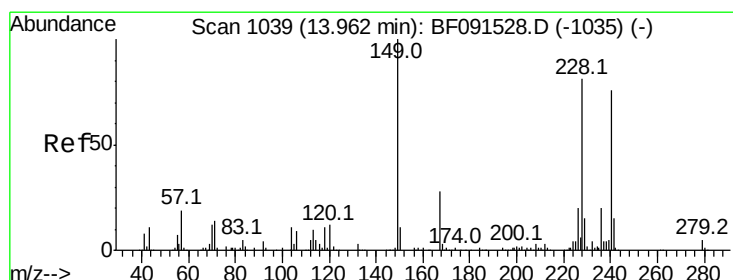
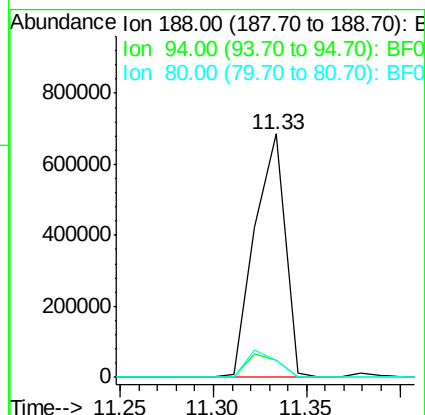
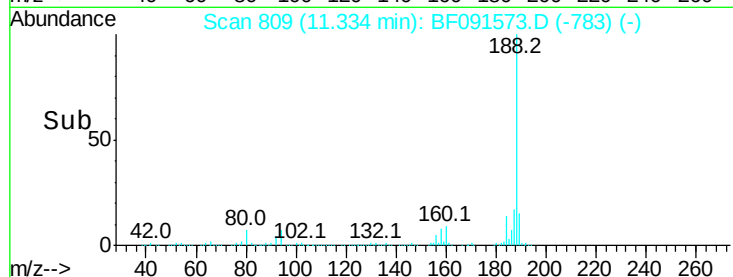
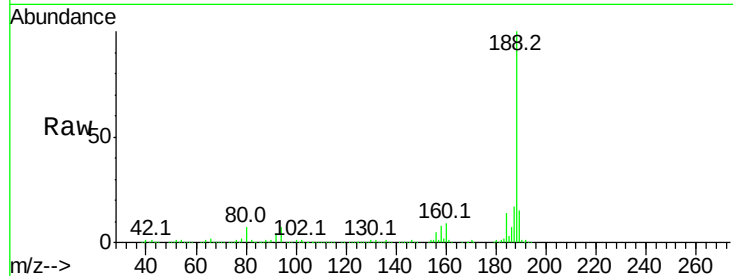
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF091573.D
Acq: 14 Dec 2016 1:58

Instrument :
BNA_F
ClientSampleId :
WC120716

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.9	9.2	13.8#
80	7.0	10.5	15.7#

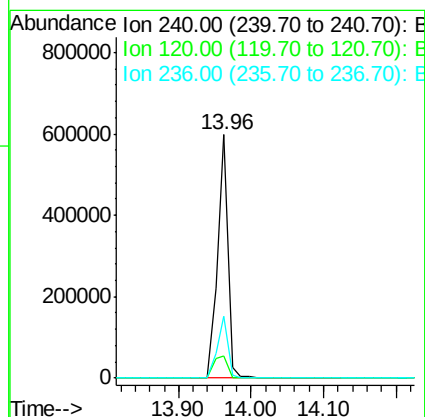
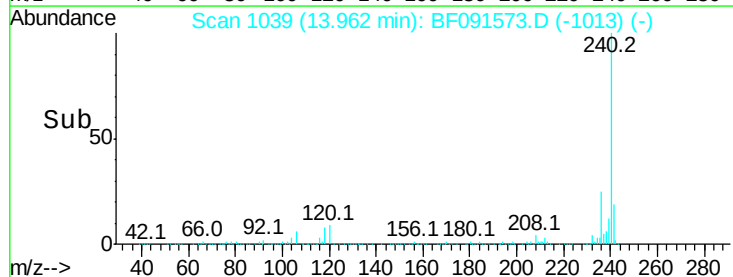
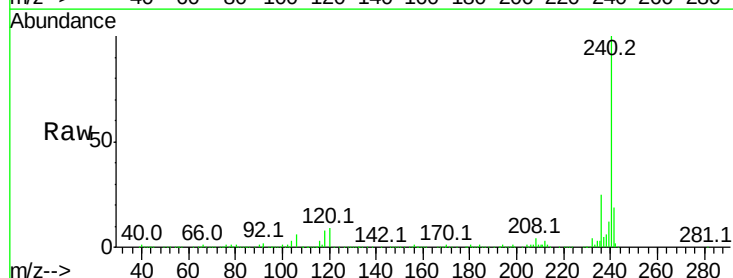
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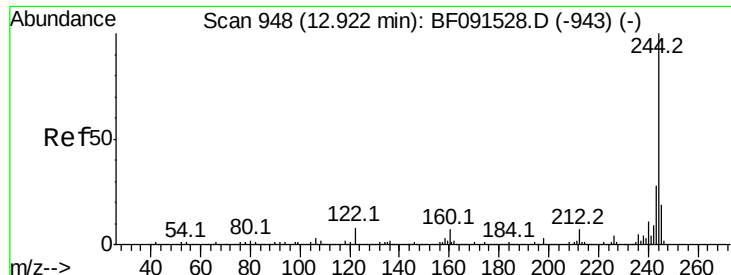
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF091573.D
Acq: 14 Dec 2016 1:58

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	9.1	12.1	18.1#
236	25.2	21.0	31.6





#78

Terphenyl-d14

Concen: 78.56 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF091573.D

Acq: 14 Dec 2016 1:58

Instrument :

BNA_F

ClientSampleId :

WC120716

Tot Ion:244 Resp: 2046355

Ion Ratio Lower Upper

244 100

212 6.4 6.5 9.7#

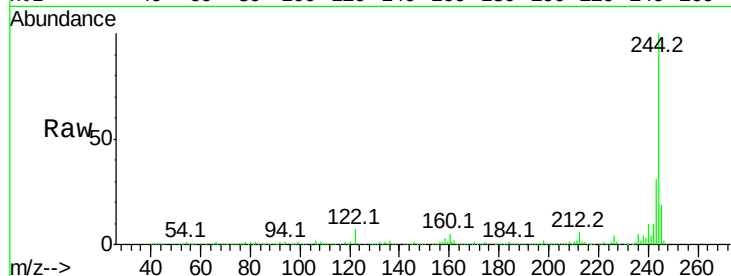
122 6.8 9.5 14.3#

Manual Integrations

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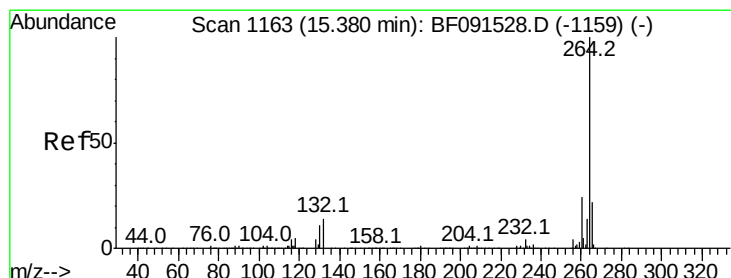
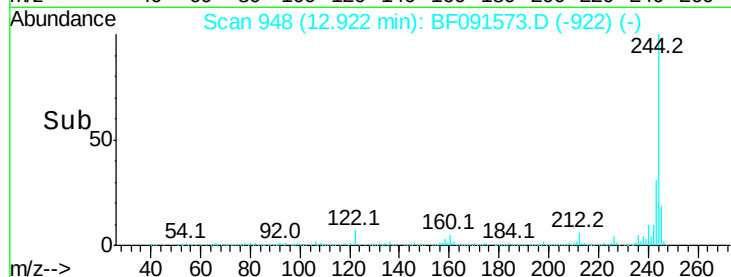
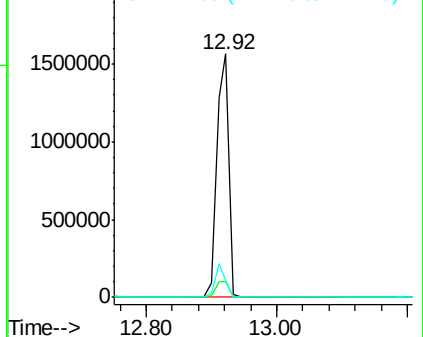
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.37 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF091573.D

Acq: 14 Dec 2016 1:58

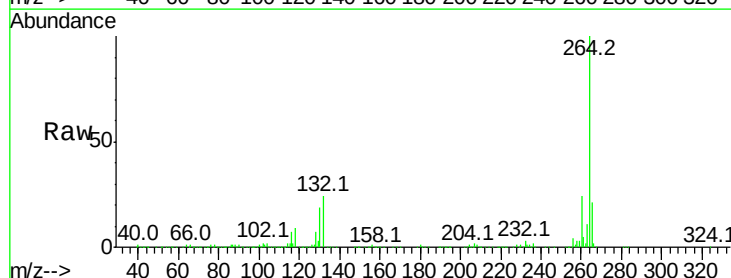
Tgt Ion:264 Resp: 524917

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.2 17.0 25.6



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

