

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
 Data File : BF097893.D
 Acq On : 19 Aug 2017 21:56
 Operator : SJ/JU
 Sample : I4852-04 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-242

Manual Integrations
 APPROVED

Sohil
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Quant Time: Aug 21 11:39:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	146782	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	569728	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	223903	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	329637	20.00	ng	-0.03
75) Chrysene-d12	13.91	240	264915	20.00	ng	-0.03
86) Perylene-d12	15.33	264	220198	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	0.00	244	0d	0.00	ng	
Target Compounds						
74) Fluoranthene	12.49	202	45767	2.496	ng	Qvalue 96

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

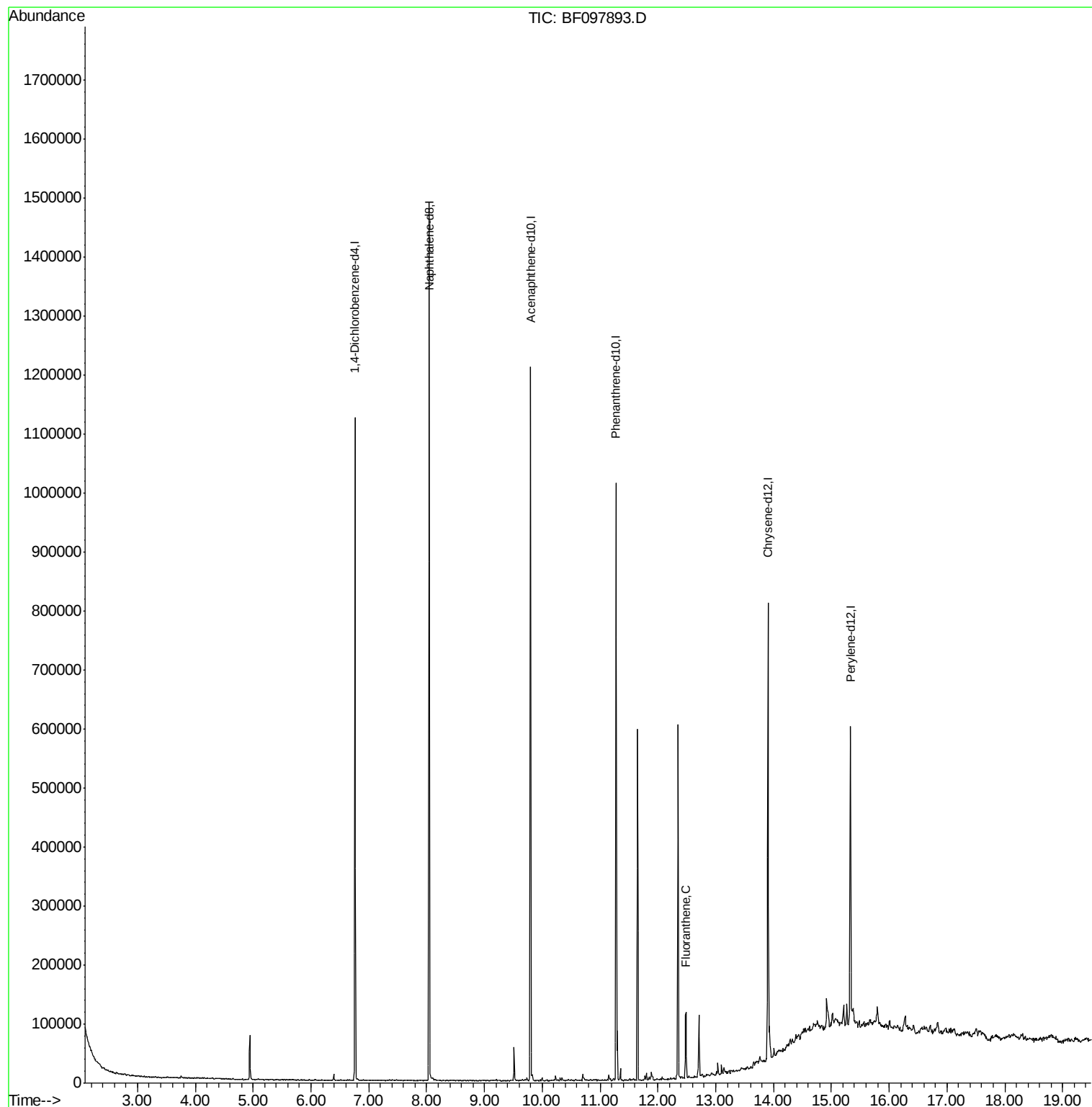
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
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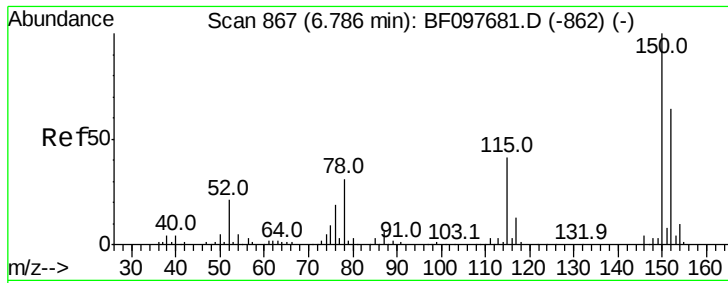
Instrument :
BNA_F
ClientSampleId :
VNJ-242

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#1

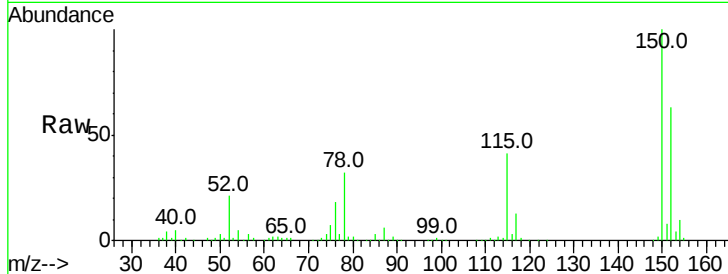
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.02 min
 Lab File: BF097893.D
 Acq: 19 Aug 2017 21:56

Instrument :
 BNA_F
 ClientSampled :
 VNJ-242

Tot Ion	Ratio	Resp	Lower	Upper
152	100			
150	158.5	126.2	189.2	
115	65.1	52.2	78.2	

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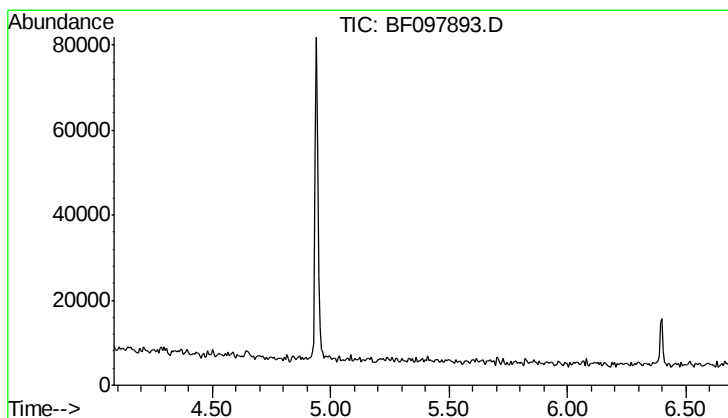
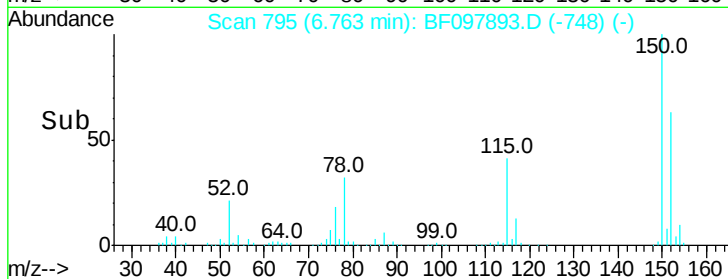
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->

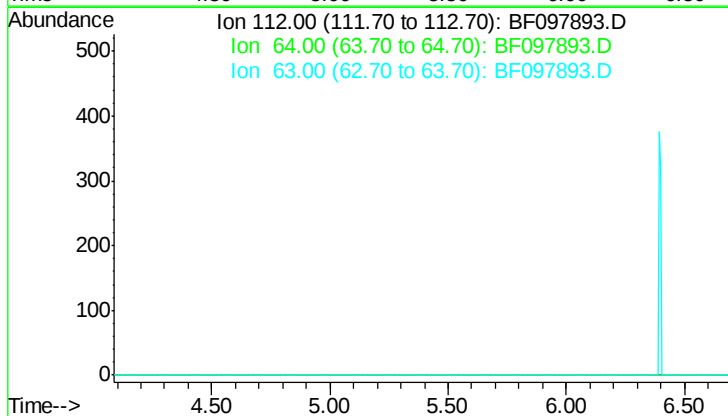


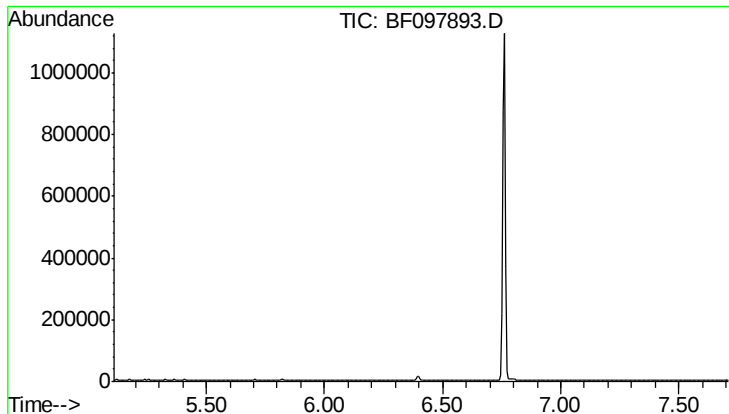
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.39 min

Lab File: BF097893.D
 Acq: 19 Aug 2017 21:56

Tgt Ion	Sig	Exp Ratio
112	100	
64	57.5	
63	29.2	





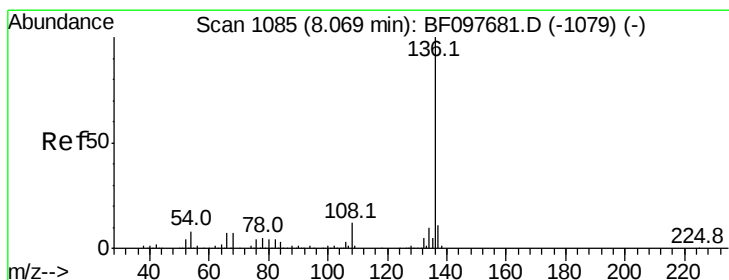
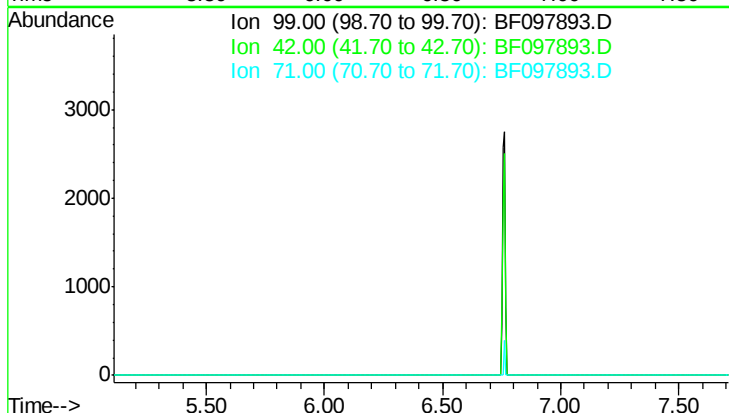
#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.41 min
 Lab File: BF097893.D
 Acq: 19 Aug 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-242

Tot Ion	99
Sig	Exp Ratio
99	100
42	16.9
71	30.6

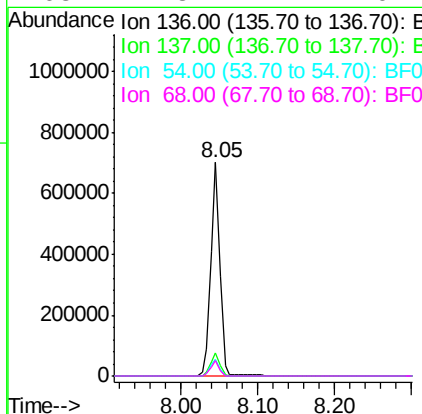
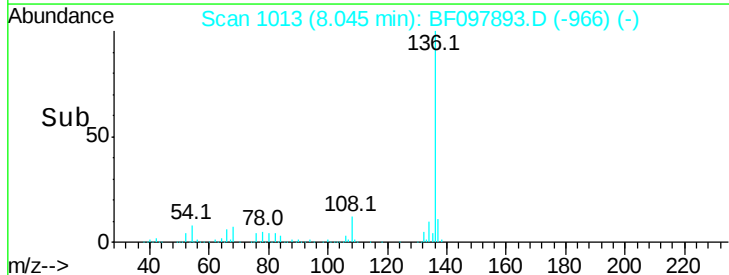
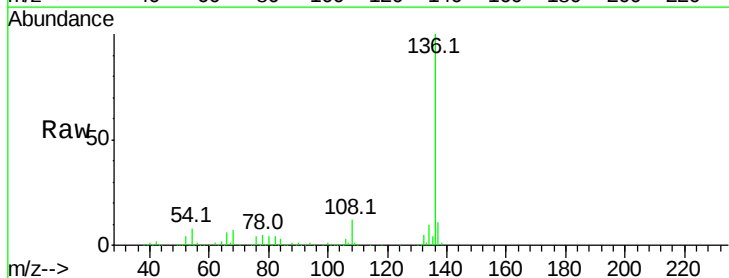
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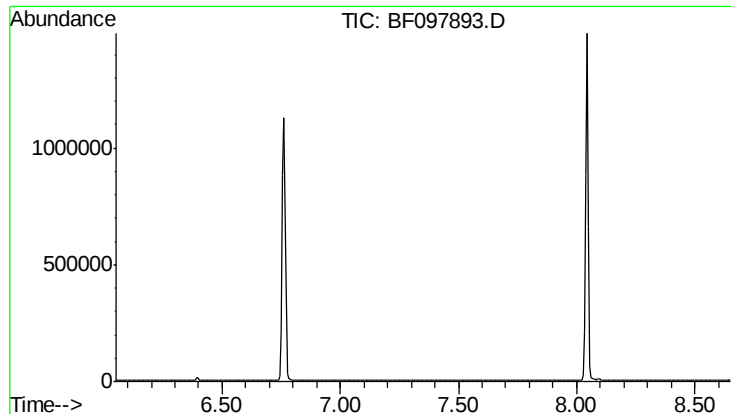
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#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. -0.02 min
 Lab File: BF097893.D
 Acq: 19 Aug 2017 21:56

Tgt Ion	136	Resp	569728
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	7.8	4.9	7.3#
68	7.3	4.1	6.1#





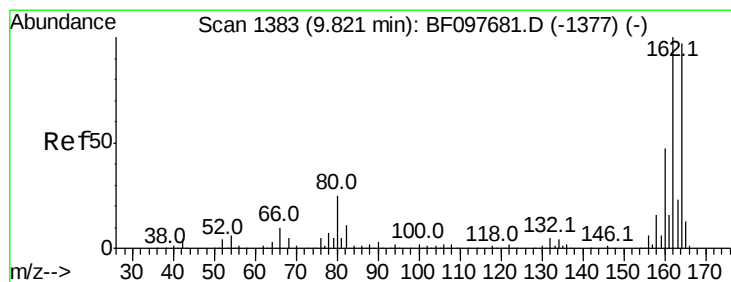
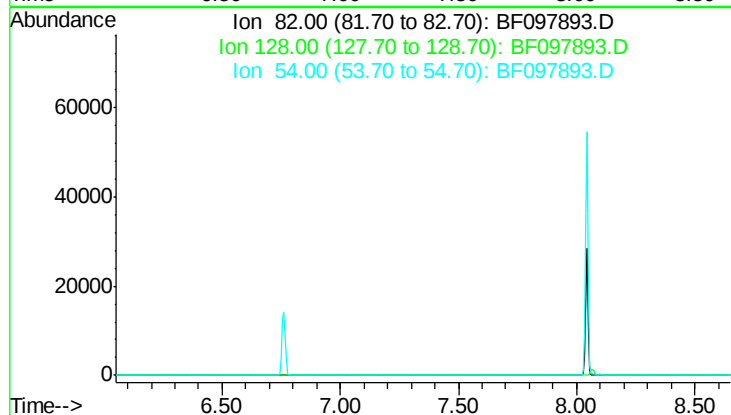
#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.35 min
 Lab File: BF097893.D
 Acq: 19 Aug 2017 21:56

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-242

Tot Ion	82
Sig	Exp Ratio
82	100
128	42.5
54	52.7

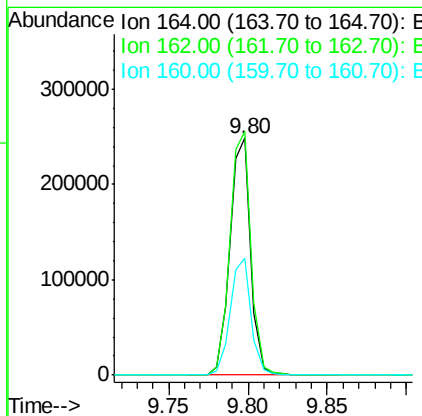
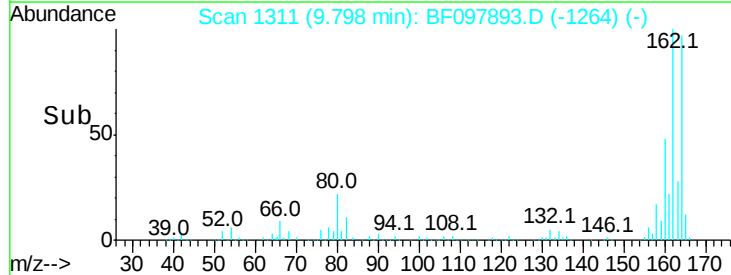
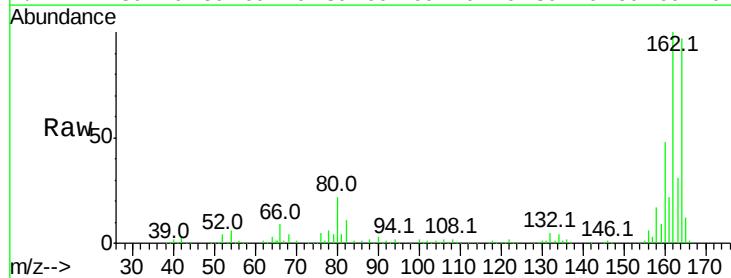
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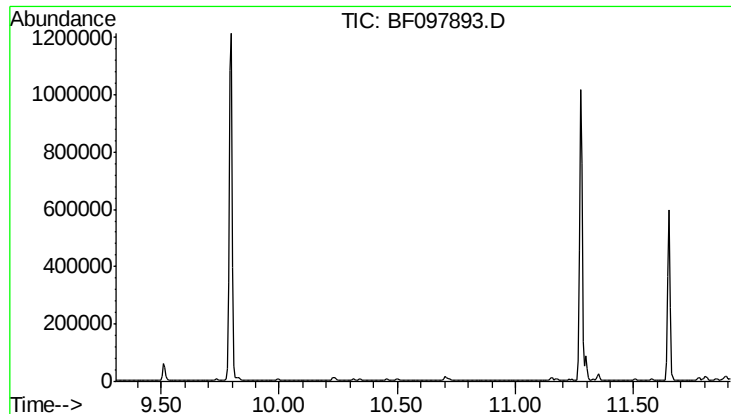
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.02 min
 Lab File: BF097893.D
 Acq: 19 Aug 2017 21:56

Tgt Ion	164	Resp	223903
Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	49.2	36.2	54.2





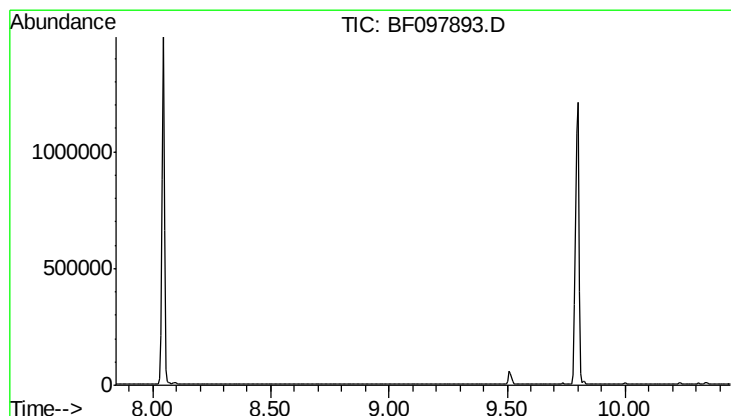
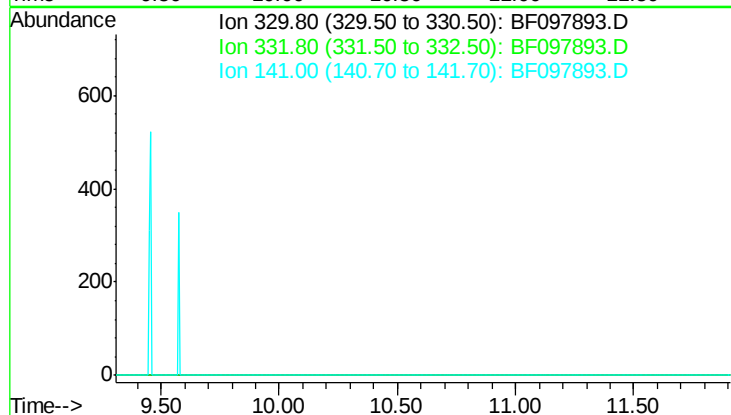
#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.61 min
 Lab File: BF097893.D
 Acq: 19 Aug 2017 21:56

Tot Ion	330	332	141
Sig	100	95.8	39.3
Exp Ratio			

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-242

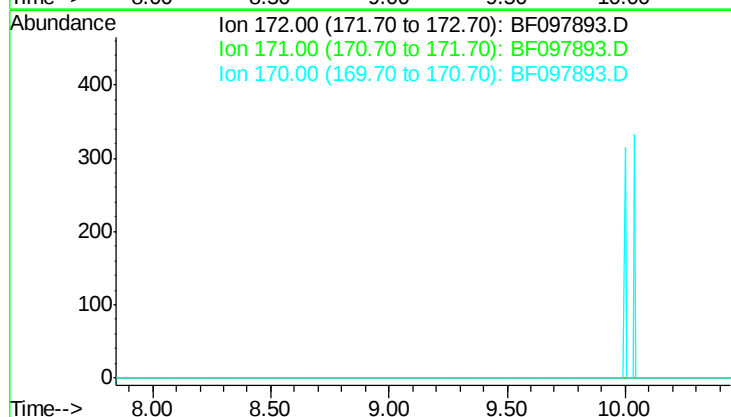
Manual Integrations
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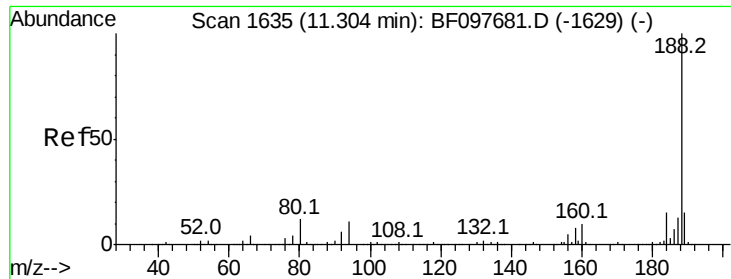
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#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.15 min
 Lab File: BF097893.D
 Acq: 19 Aug 2017 21:56

Tgt Ion	172	171	170
Sig	100	37.0	24.8
Exp Ratio			





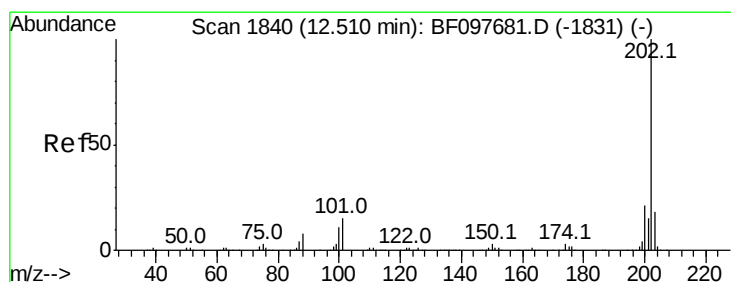
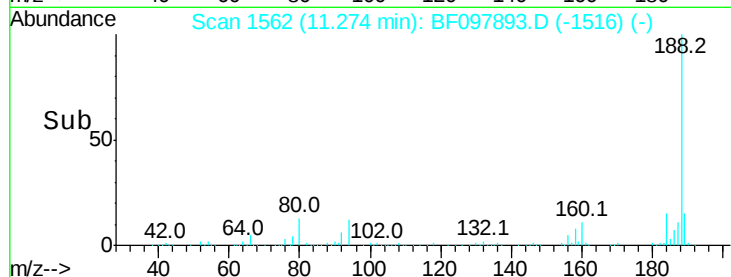
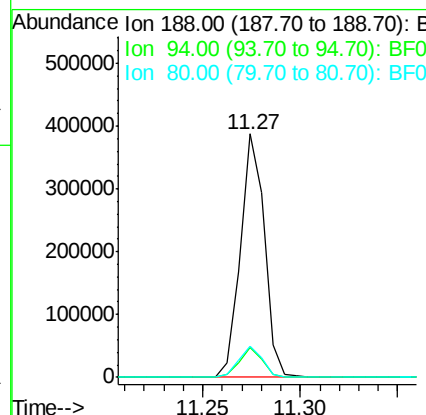
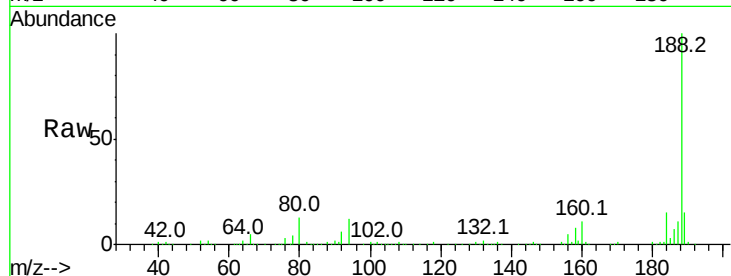
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.03 min
Lab File: BF097893.D
Acq: 19 Aug 2017 21:56

Instrument :
BNA_F
ClientSampleId :
VNJ-242

Tot Ion:188	Resp: 329637
Ion Ratio	Lower Upper
188 100	
94 12.2	9.4 14.2
80 12.8	10.2 15.2

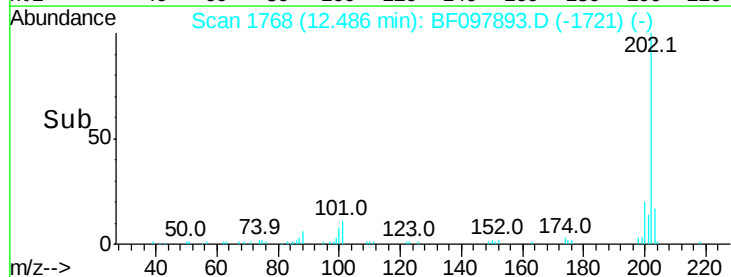
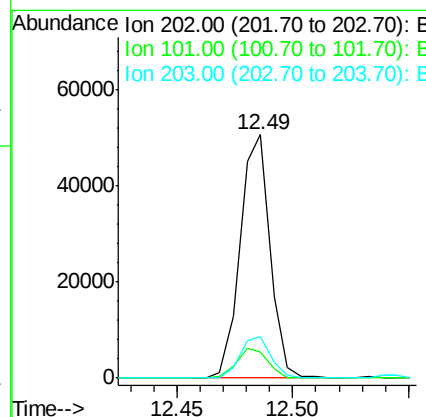
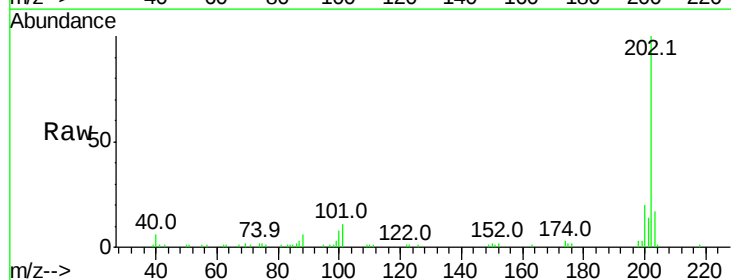
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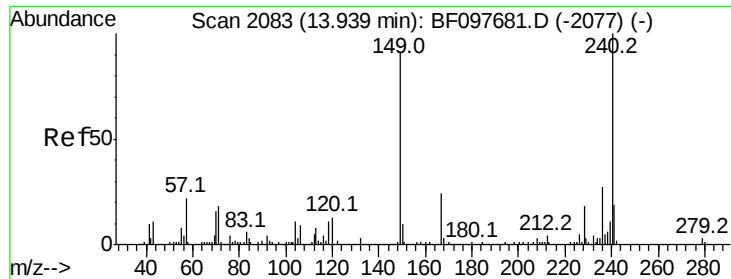
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#74
Fluoranthene
Concen: 2.496 ng
RT: 12.49 min Scan# 1768
Delta R.T. -0.02 min
Lab File: BF097893.D
Acq: 19 Aug 2017 21:56

Tgt Ion:202	Resp: 45767
Ion Ratio	Lower Upper
202 100	
101 10.6	0.0 33.2
203 17.3	0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.03 min

Lab File: BF097893.D

Acq: 19 Aug 2017 21:56

Instrument :

BNA_F

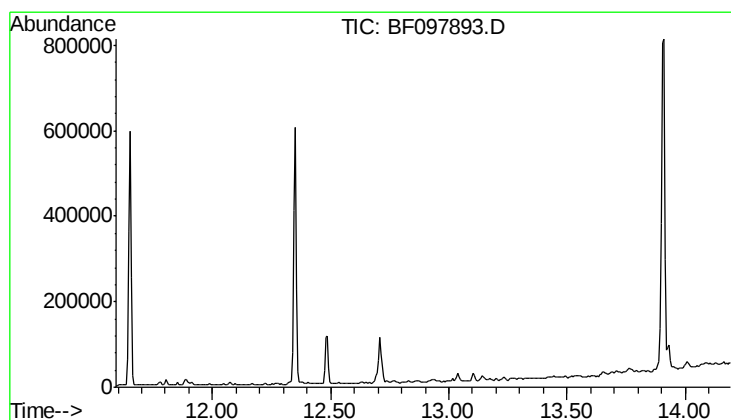
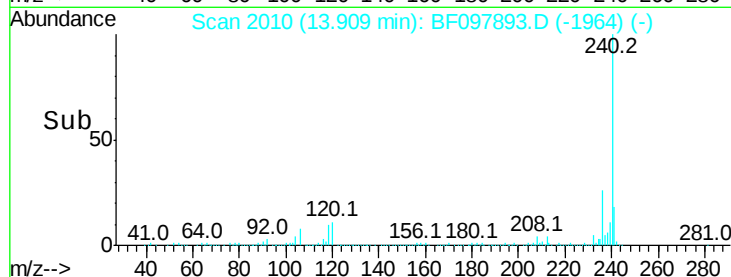
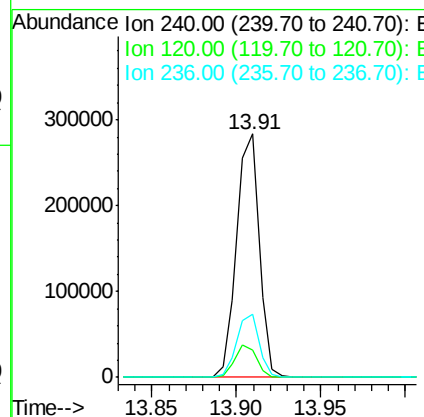
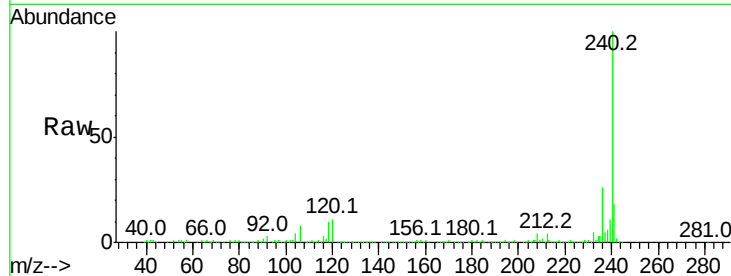
ClientSampleId :

VNJ-242

Tot Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	11.2	5.8	8.8#		
236	25.8	20.5	30.7		

Manual Integrations
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#78

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 12.89 min

Lab File: BF097893.D

Acq: 19 Aug 2017 21:56

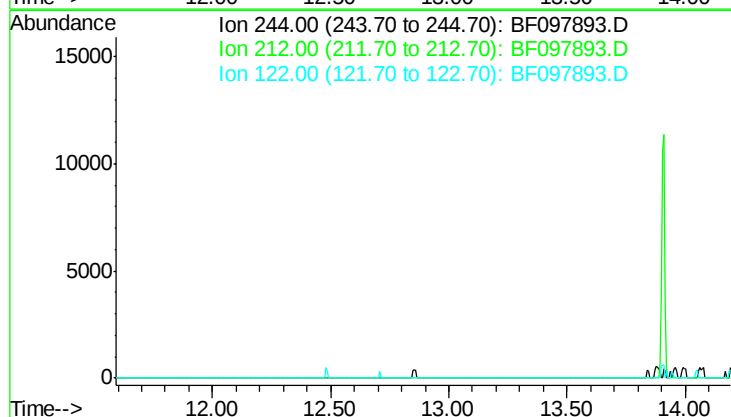
Tgt Ion: 244

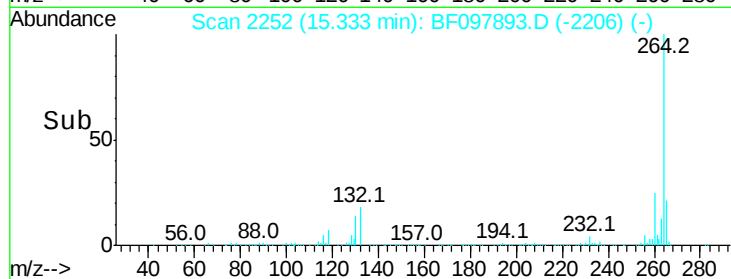
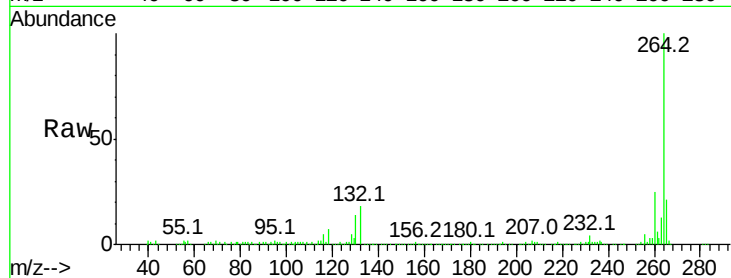
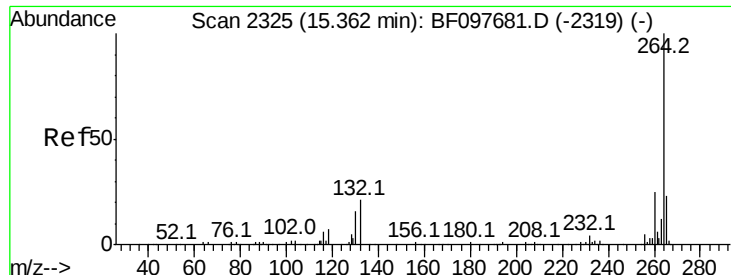
Sig Exp Ratio

244 100

212 7.5

122 12.9





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.03 min
Lab File: BF097893.D
Acq: 19 Aug 2017 21:56

Instrument :
BNA_F
ClientSampleId :
VNJ-242

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.5	19.5	29.3
265	20.8	17.2	25.8

Manual Integrations
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