

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097642.D
 Acq On : 12 Aug 2017 19:15
 Operator : SJ/JU
 Sample : I4705-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-COMP

Manual Integrations
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Quant Time: Aug 14 06:44:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	128502	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	521838	20.00	ng	-0.01
38) Acenaphthene-d10	12.35	164	219838	20.00	ng	-0.02
63) Phenanthrene-d10	14.74	188	300253	20.00	ng	-0.02
75) Chrysene-d12	18.44	240	202497	20.00	ng	-0.02
86) Perylene-d12	20.12	264	187446	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	752070	93.03	ng	0.01
7) Phenol-d6	7.06	99	871648	86.91	ng	0.00
23) Nitrobenzene-d5	8.41	82	533664	64.13	ng	-0.01
41) 2,4,6-Tribromophenol	13.64	330	130106	77.85	ng	-0.02
44) 2-Fluorobiphenyl	11.30	172	783426	53.78	ng	-0.02
78) Terphenyl-d14	17.10	244	446022	45.59	ng	-0.02
Target Compounds						
49) Dimethylphthalate	11.99	163	211215	12.467	ng	99
74) Fluoranthene	16.56	202	35509	2.272	ng	99
87) Benzo(b)fluoranthene	19.72	252	28868m	2.565	ng	

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

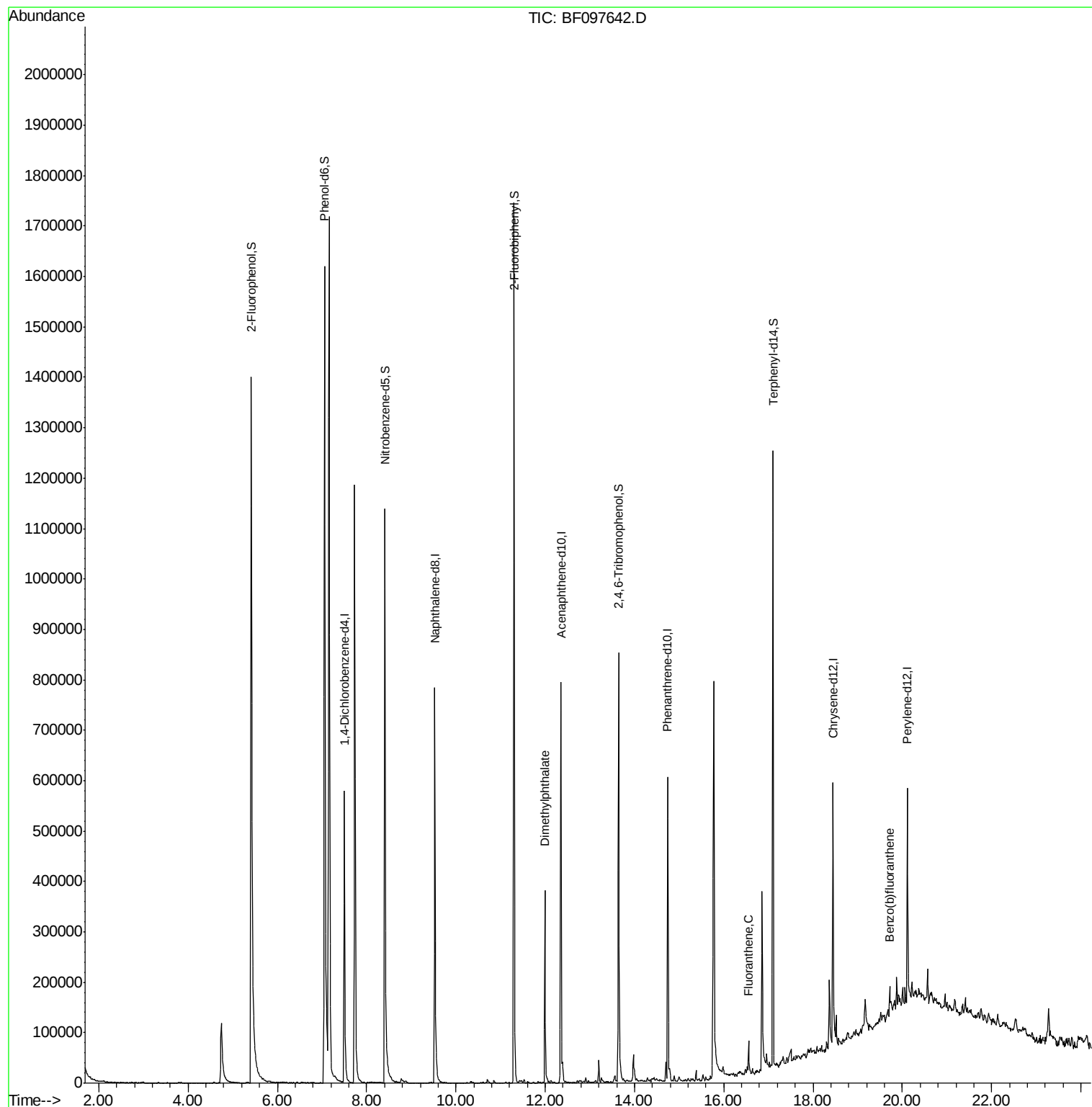
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
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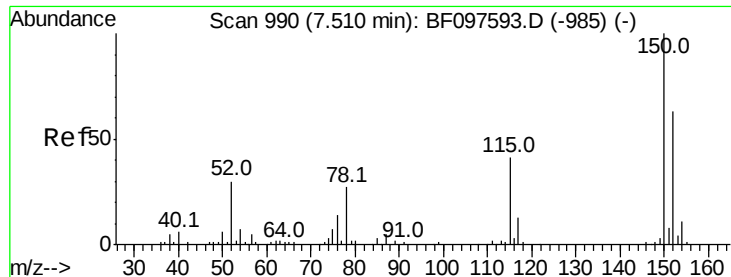
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#1

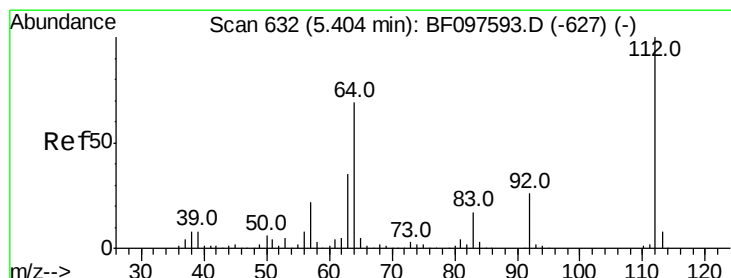
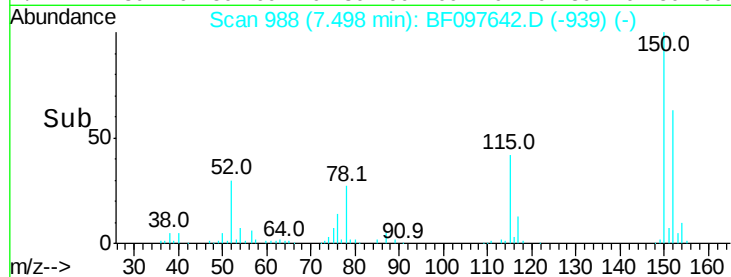
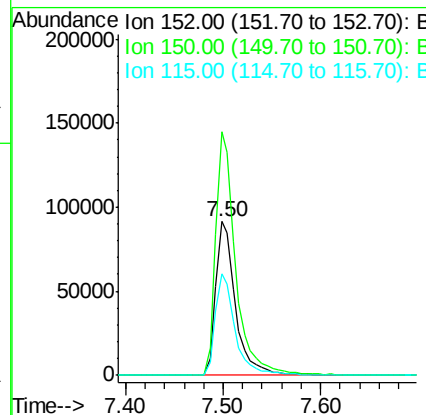
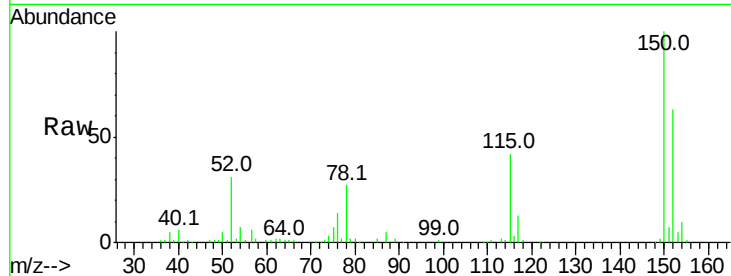
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF097642.D
Acq: 12 Aug 2017 19:15

Instrument :
BNA_F
ClientSampleId :
SP-A-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.2	189.2
115	65.8	52.2	78.2

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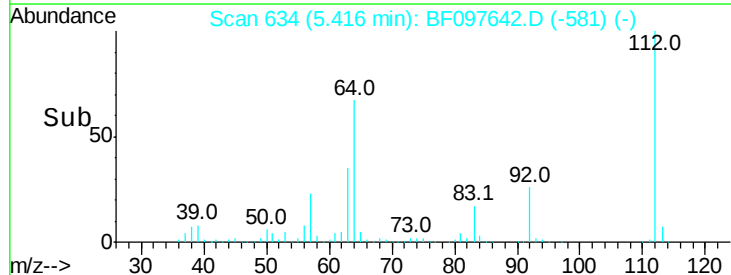
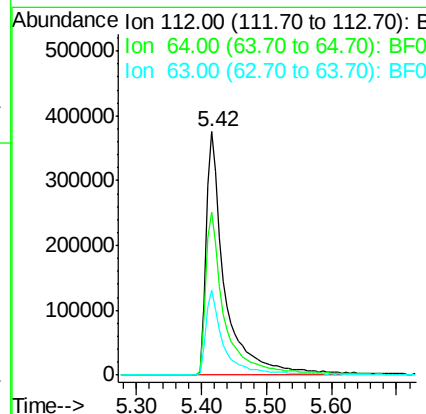
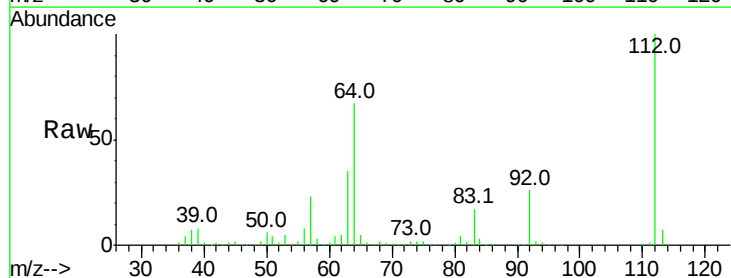
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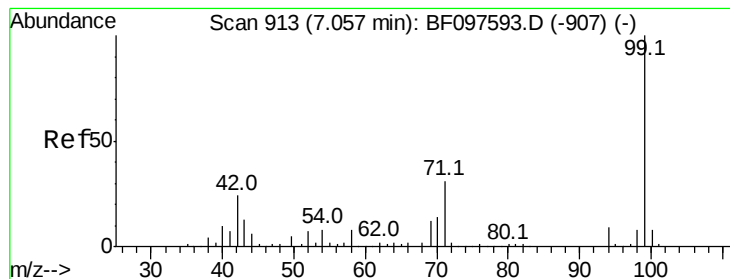


#5

2-Fluorophenol
Concen: 93.027 ng
RT: 5.42 min Scan# 634
Delta R.T. 0.01 min
Lab File: BF097642.D
Acq: 12 Aug 2017 19:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	46.0	69.0
63	34.9	23.4	35.0





#7

Phenol-d6

Concen: 86.914 ng

RT: 7.06 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF097642.D

Acq: 12 Aug 2017 19:15

Instrument :

BNA_F

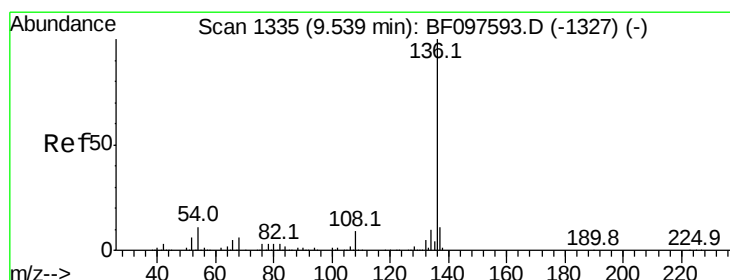
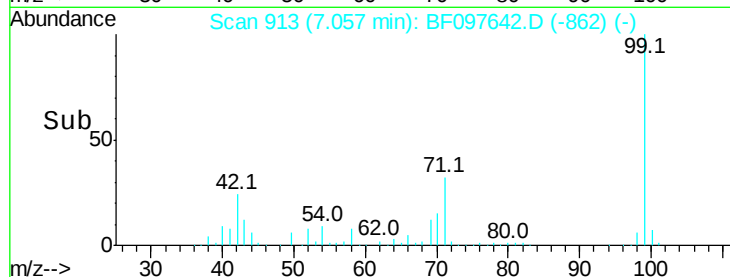
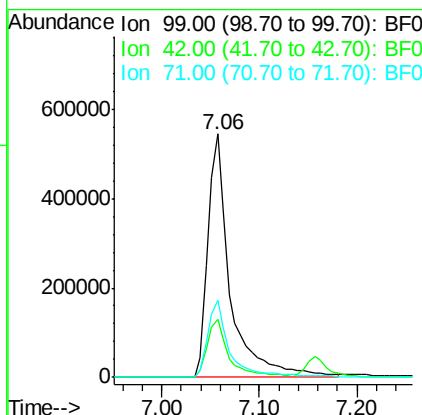
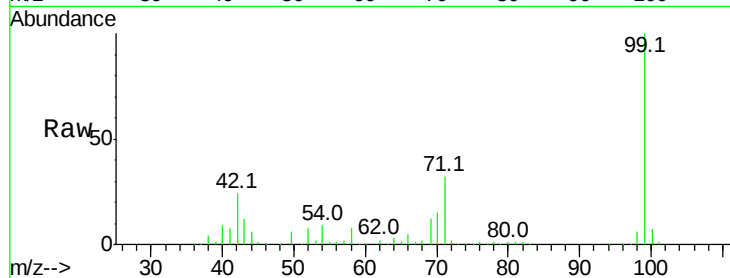
ClientSampleId :

SP-A-COMP

Tot Ion:	99	Resp:	871648
Ion Ratio	Lower	Upper	
99	100		
42	24.0	13.5	20.3#
71	31.7	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

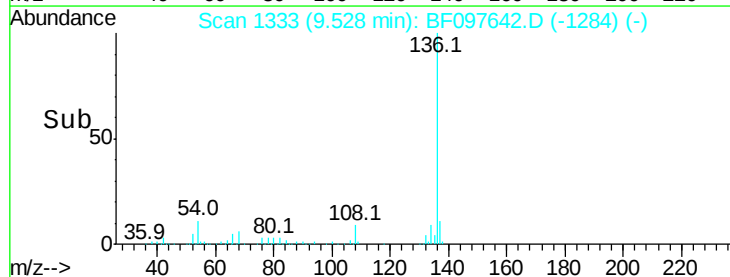
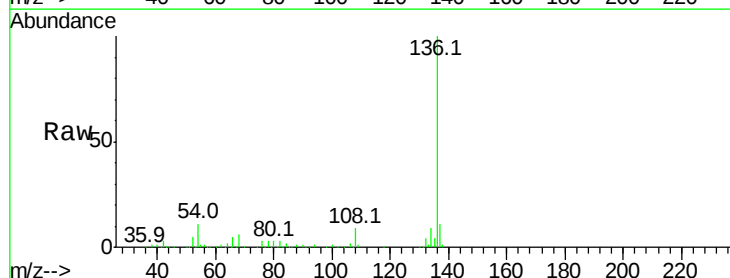
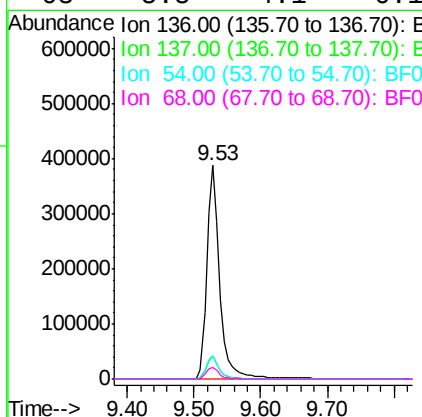
RT: 9.53 min Scan# 1333

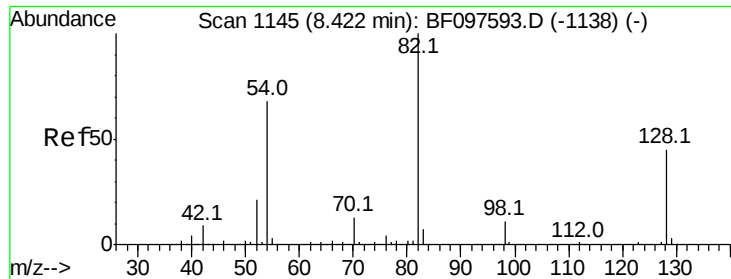
Delta R.T. -0.01 min

Lab File: BF097642.D

Acq: 12 Aug 2017 19:15

Tgt Ion:	136	Resp:	521838
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	10.7	4.9	7.3#
68	5.5	4.1	6.1





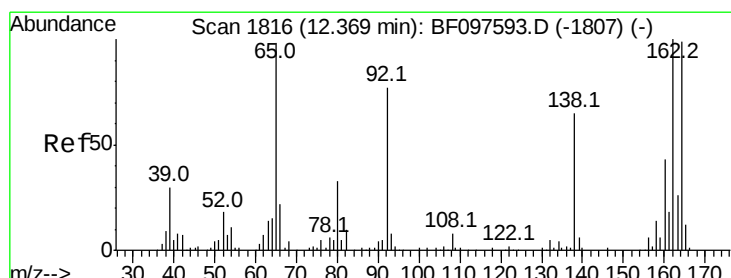
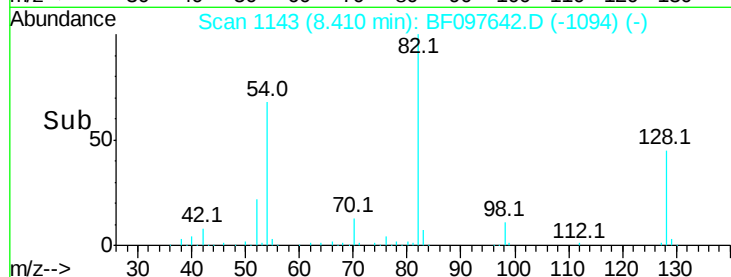
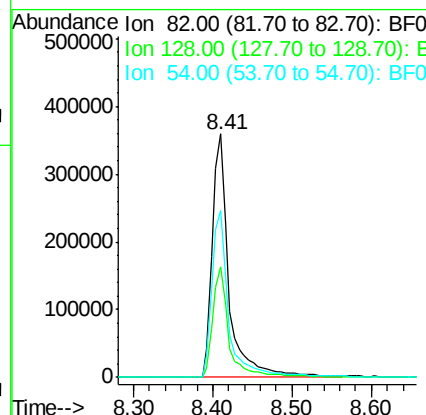
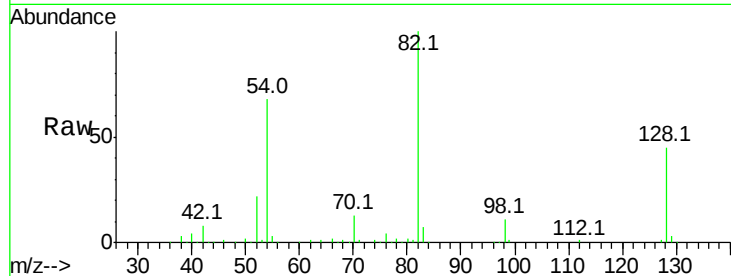
#23
 Nitrobenzene-d5
 Concen: 64.126 ng
 RT: 8.41 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF097642.D
 Acq: 12 Aug 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	68.3	42.2	63.2

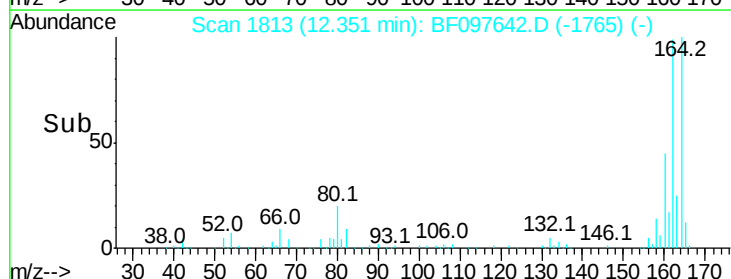
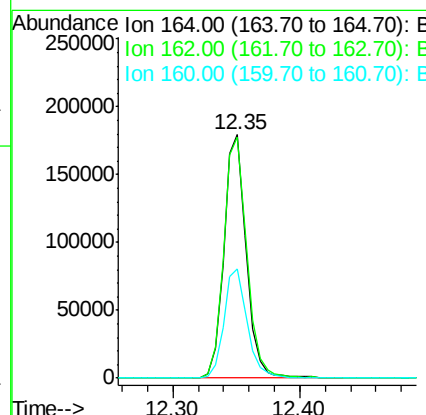
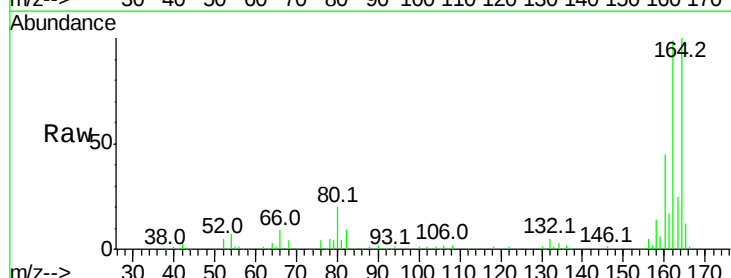
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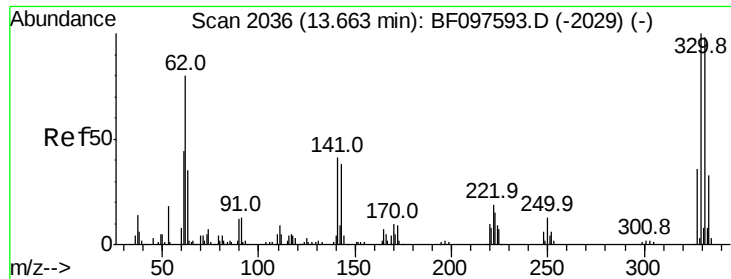
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.35 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF097642.D
 Acq: 12 Aug 2017 19:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	82.6	123.8
160	44.7	36.2	54.2





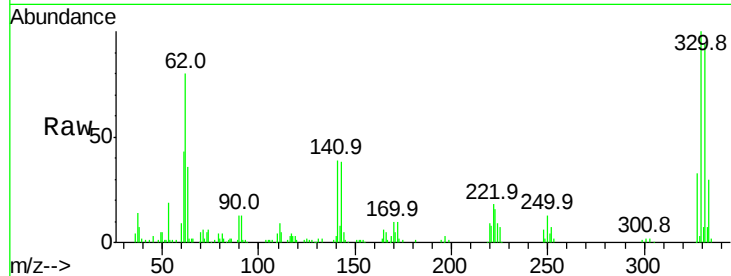
#41
 2,4,6-Tribromophenol
 Concen: 77.853 ng
 RT: 13.64 min Scan# 2033
 Delta R.T. -0.02 min
 Lab File: BF097642.D
 Acq: 12 Aug 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-COMP

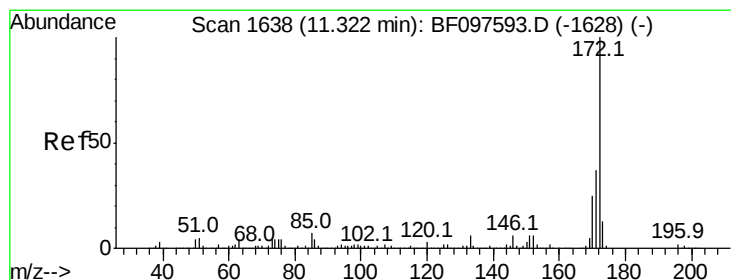
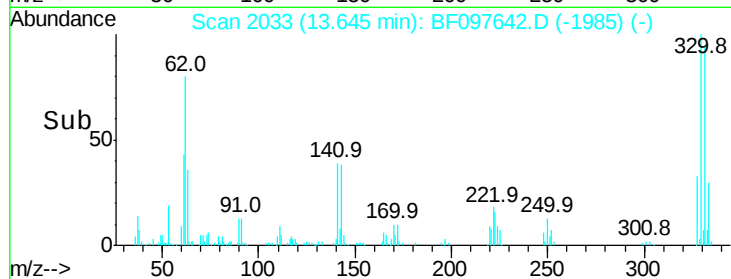
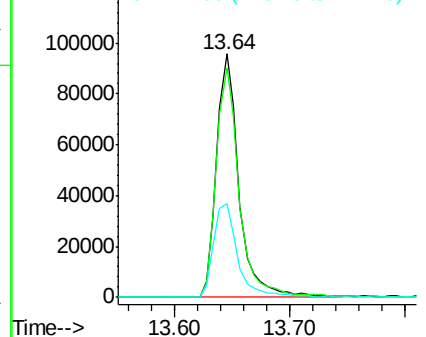
Tot Ion	Ratio	Resp	Lower	Upper
330	100	130106		
332	96.9	76.6	115.0	
141	41.6	31.4	47.2	

Manual Integrations
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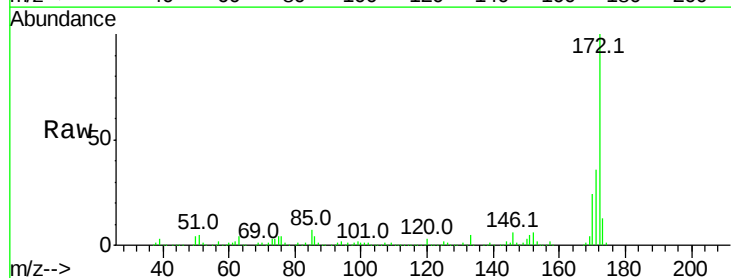


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

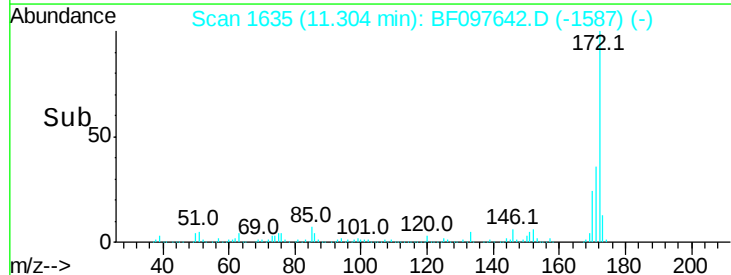
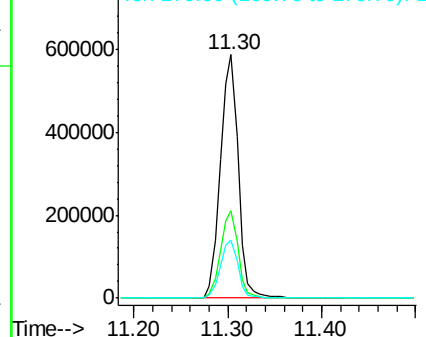


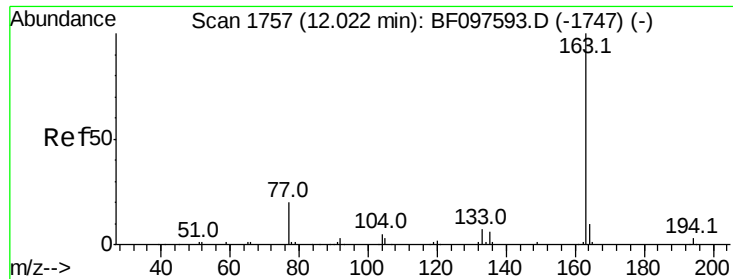
#44
 2-Fluorobiphenyl
 Concen: 53.782 ng
 RT: 11.30 min Scan# 1635
 Delta R.T. -0.02 min
 Lab File: BF097642.D
 Acq: 12 Aug 2017 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	783426		
171	36.0	29.6	44.4	
170	23.9	19.8	29.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





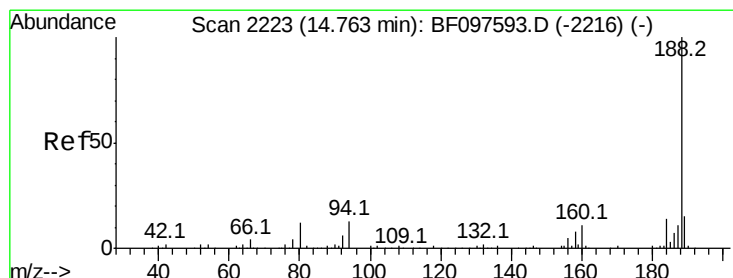
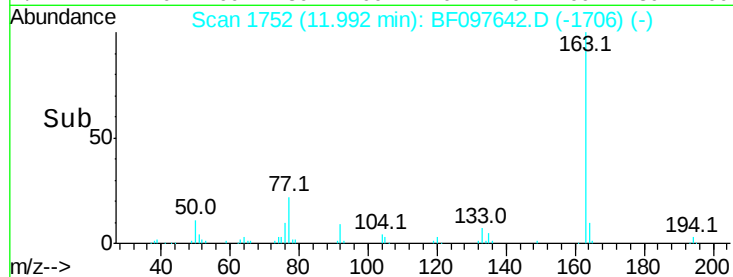
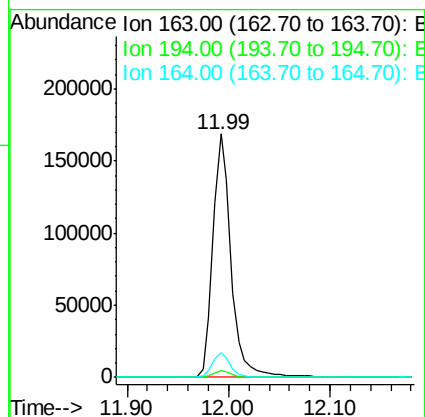
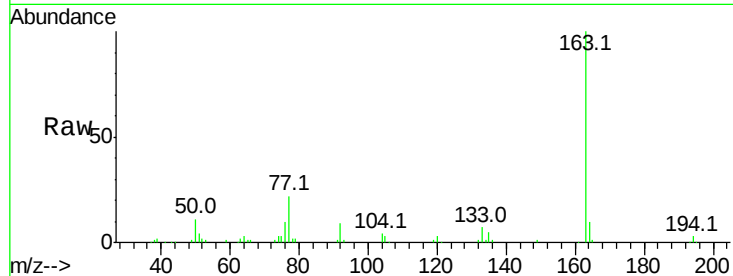
#49
Dimethylphthalate
Concen: 12.467 ng
RT: 11.99 min Scan# 1752
Delta R.T. -0.03 min
Lab File: BF097642.D
Acq: 12 Aug 2017 19:15

Instrument :
BNA_F
ClientSampleId :
SP-A-COMP

Tot Ion	Ratio	Resp	Lower	Upper
163	100	211215		
194	2.8	2.6	4.0	
164	10.3	8.4	12.6	

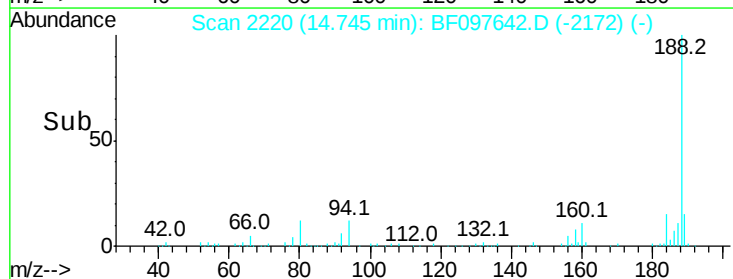
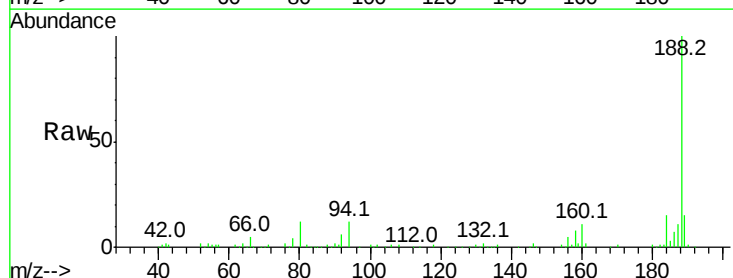
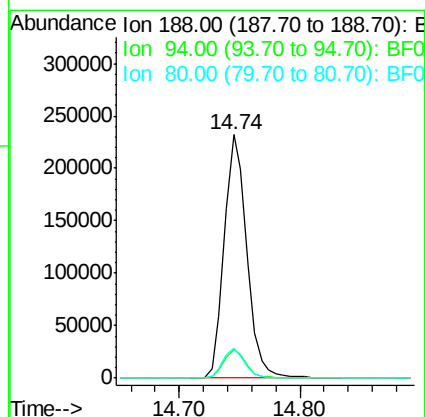
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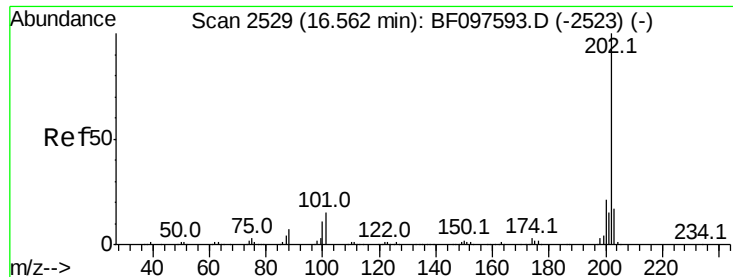
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF097642.D
Acq: 12 Aug 2017 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	300253		
94	11.9	9.4	14.2	
80	12.1	10.2	15.2	





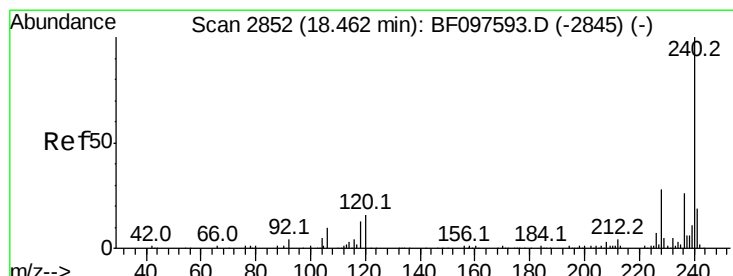
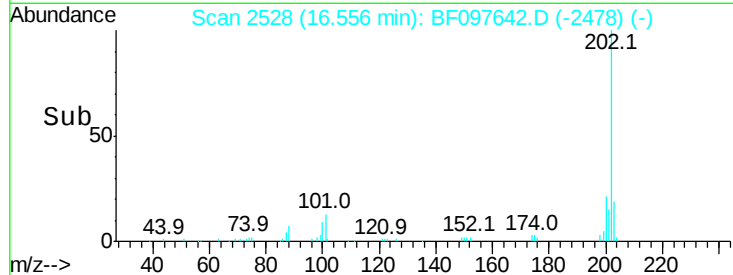
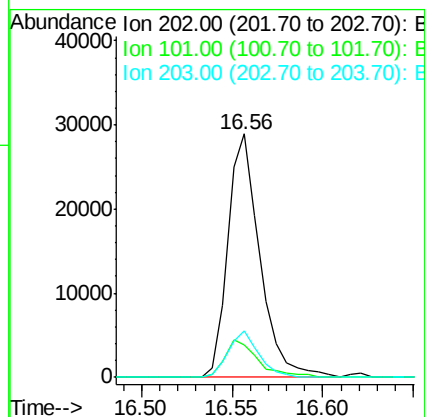
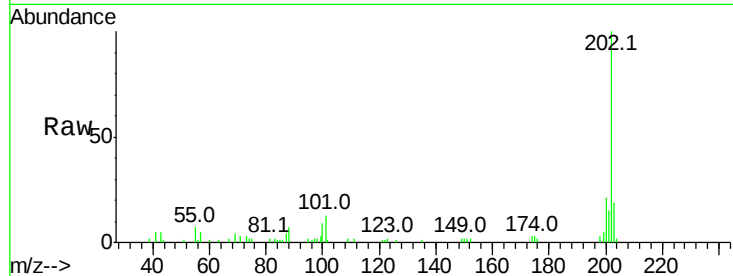
#74
 Fluoranthene
 Concen: 2.272 ng
 RT: 16.56 min Scan# 2528
 Delta R.T. -0.01 min
 Lab File: BF097642.D
 Acq: 12 Aug 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-COMP

Tot Ion:	202	Resp:	35509
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	33.2
203	19.1	0.0	38.1

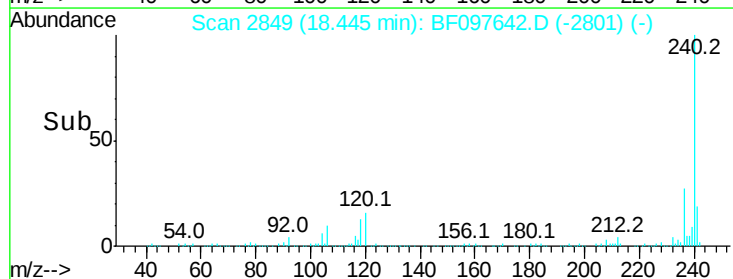
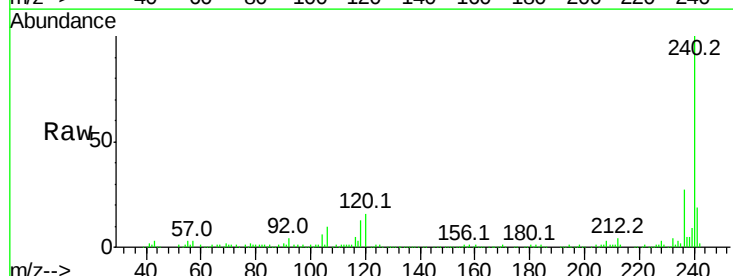
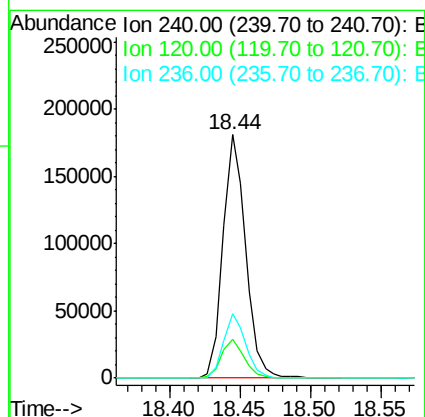
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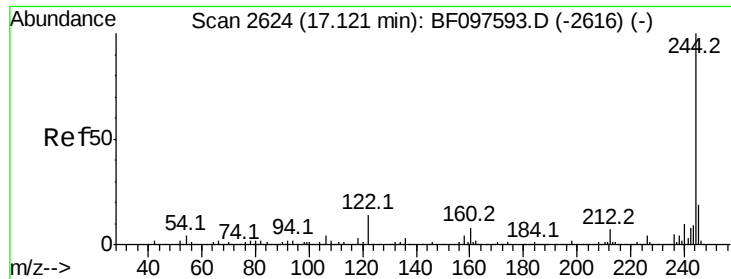
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 18.44 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BF097642.D
 Acq: 12 Aug 2017 19:15

Tgt Ion:	240	Resp:	202497
Ion Ratio	Lower	Upper	
240	100		
120	15.8	5.8	8.8#
236	26.7	20.5	30.7





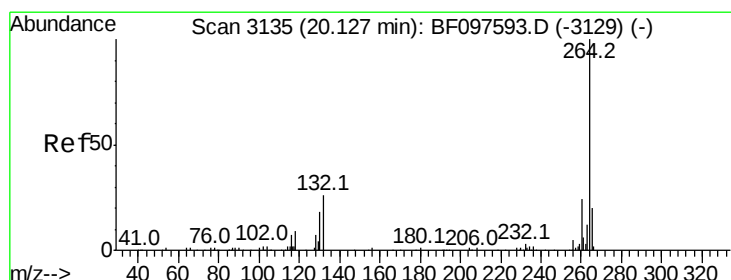
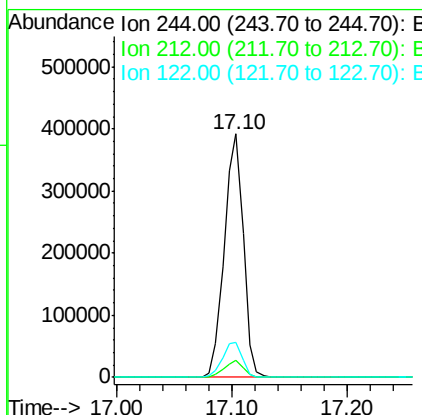
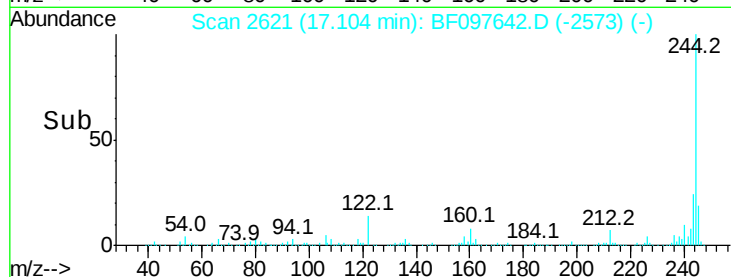
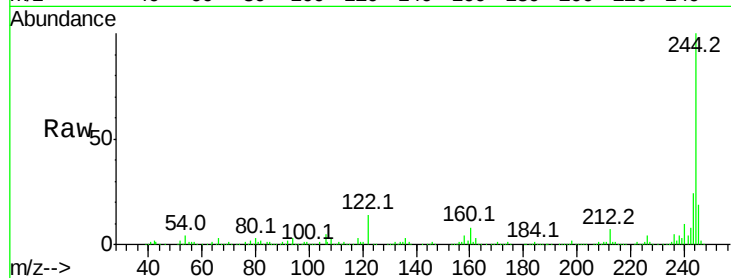
#78
 Terphenyl-d14
 Concen: 45.587 ng
 RT: 17.10 min Scan# 2621
 Delta R.T. -0.02 min
 Lab File: BF097642.D
 Acq: 12 Aug 2017 19:15

Instrument :
 BNA_F
 ClientSampled :
 SP-A-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.3	10.3	15.5

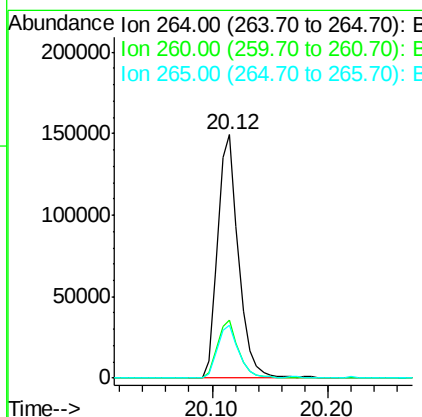
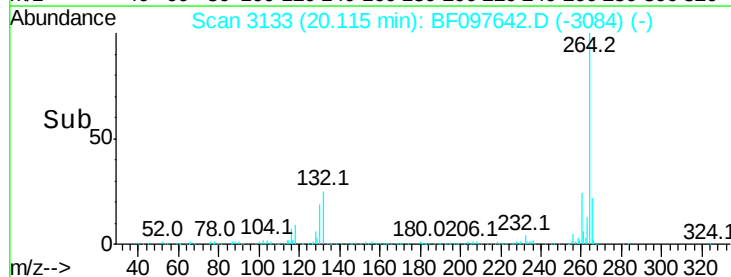
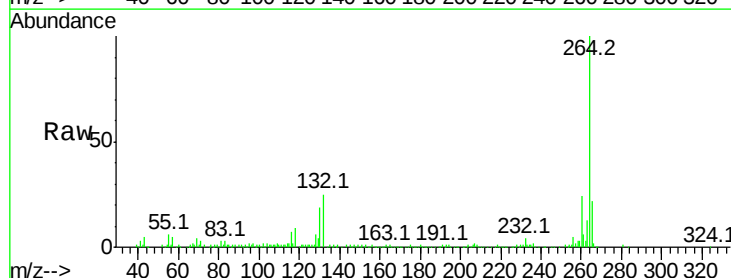
Manual Integrations
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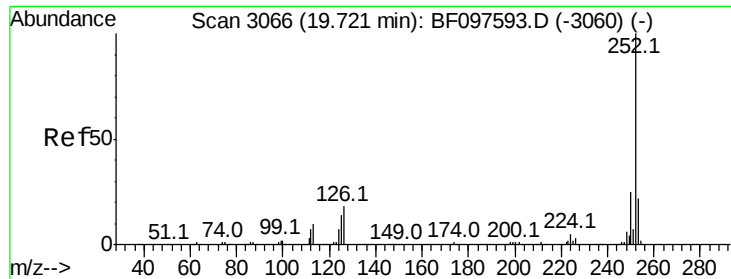
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.12 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BF097642.D
 Acq: 12 Aug 2017 19:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.5	17.2	25.8





#87
 Benzo(b)fluoranthene
 Concen: 2.565 ng/ml
 RT: 19.72 min Scan# 3065
 Delta R.T. -0.01 min
 Lab File: BF097642.D
 Acq: 12 Aug 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-COMP

Tot Ion:	252	Resp:	28868
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.1	27.1
125	21.7	9.8	14.8

Manual Integrations
 APPROVED

sohil
 8/14/2017 7:06:09 PM

