

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097644.D
 Acq On : 12 Aug 2017 20:21
 Operator : SJ/JU
 Sample : I4683-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAPTAINSCOVE-WC-001

Manual Integrations
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Quant Time: Aug 14 06:50:57 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	122422	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	458215	20.00	ng	-0.01
38) Acenaphthene-d10	12.35	164	184278	20.00	ng	-0.02
63) Phenanthrene-d10	14.74	188	268831	20.00	ng	-0.02
75) Chrysene-d12	18.44	240	201757	20.00	ng	-0.02
86) Perylene-d12	20.11	264	185348	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	152958	19.86	ng	0.02
7) Phenol-d6	7.07	99	197346	20.66	ng	0.01
23) Nitrobenzene-d5	8.42	82	109797	15.03	ng	0.00
41) 2,4,6-Tribromophenol	13.65	330	22505	16.07	ng	-0.01
44) 2-Fluorobiphenyl	11.30	172	170824	13.99	ng	-0.02
78) Terphenyl-d14	17.10	244	91742	9.41	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.00	163	32785	2.308	ng	97
74) Fluoranthene	16.56	202	43342	3.098	ng	96
77) Pyrene	16.86	202	39679	2.378	ng	# 95
87) Benzo(b)fluoranthene	19.71	252	24793m	2.228	ng	

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

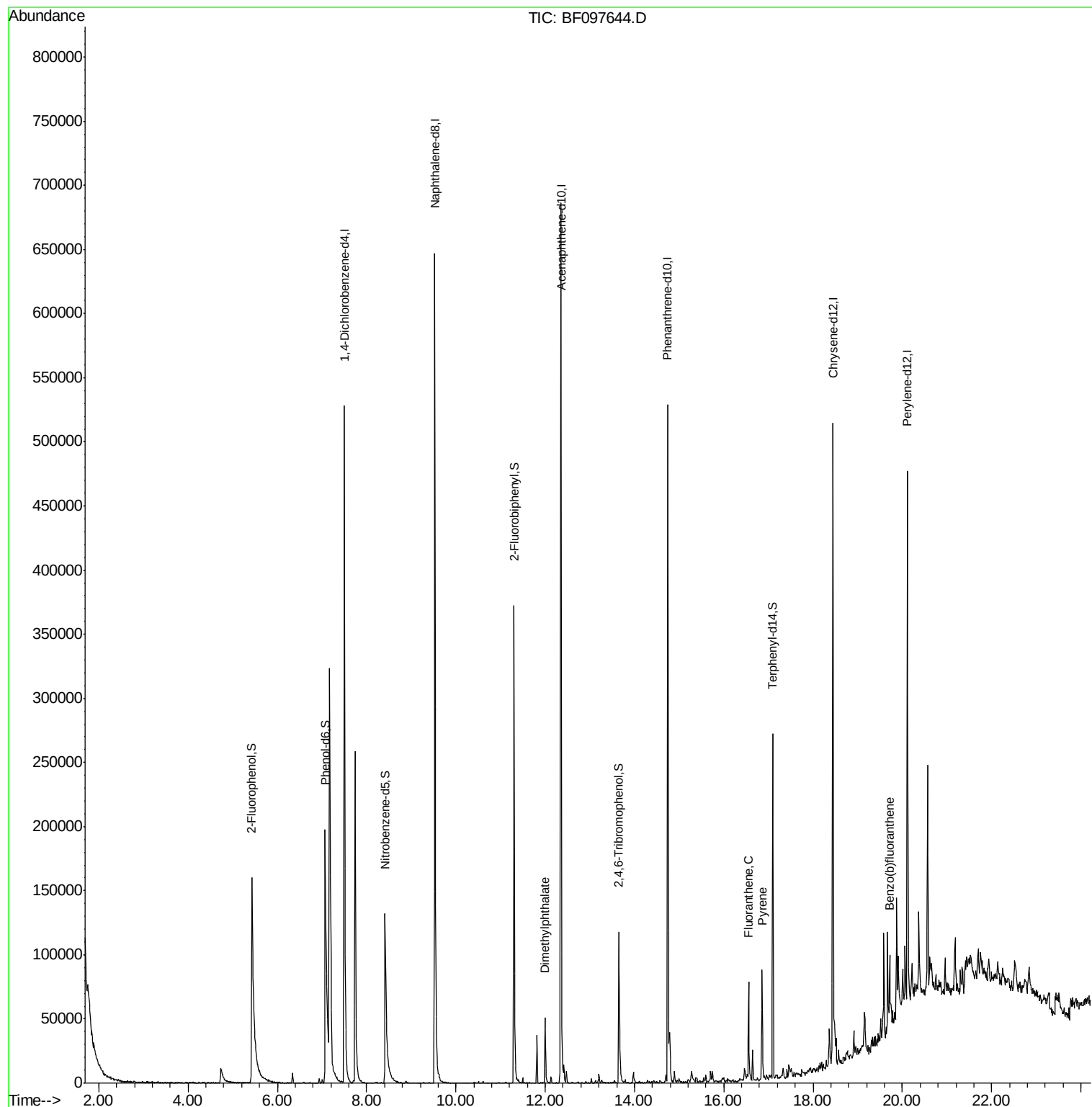
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Acq On : 12 Aug 2017 20:21
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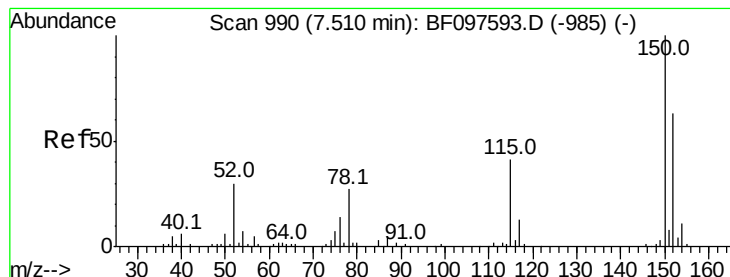
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#1

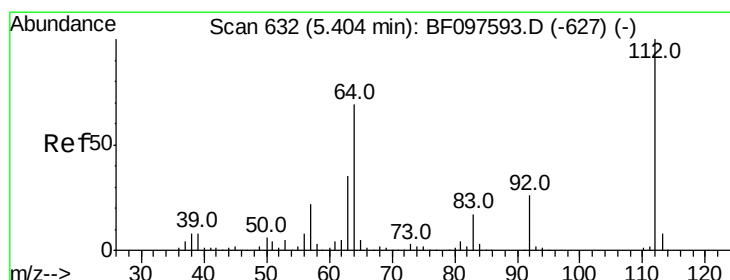
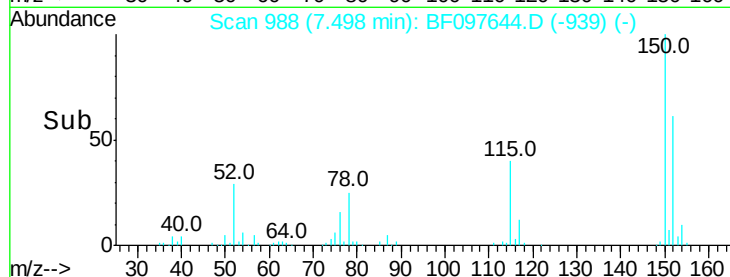
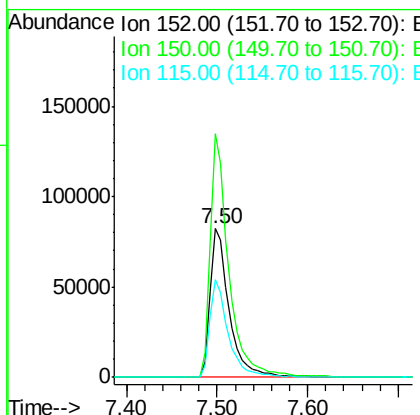
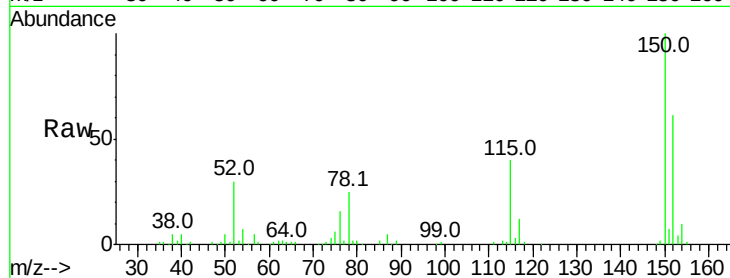
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF097644.D
Acq: 12 Aug 2017 20:21

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	164.2	126.2	189.2
115	66.0	52.2	78.2

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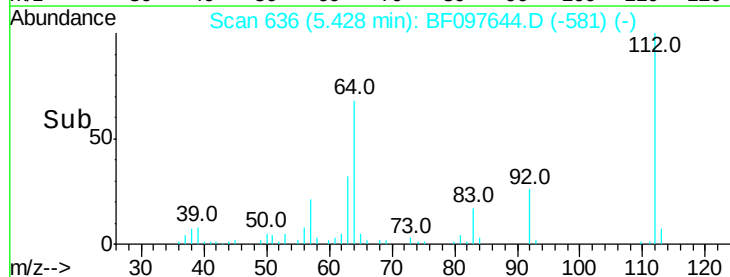
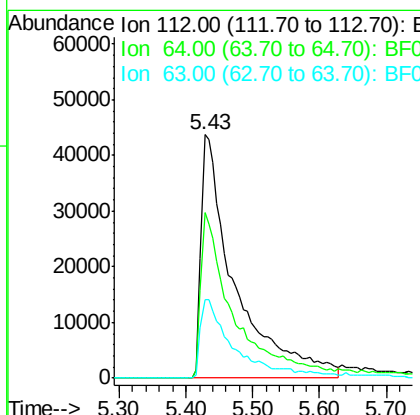
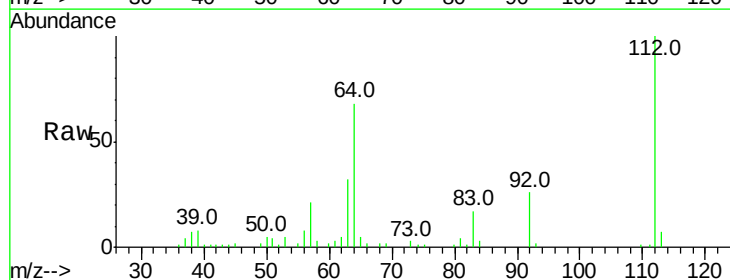
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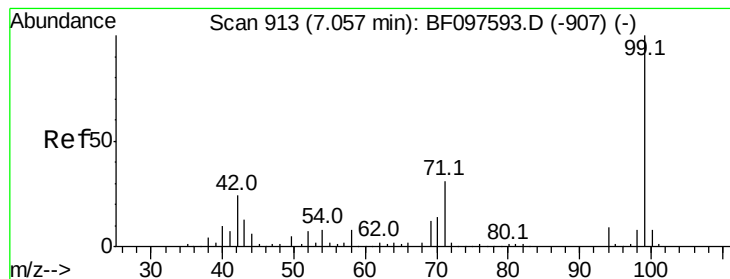


#5

2-Fluorophenol
Concen: 19.860 ng
RT: 5.43 min Scan# 636
Delta R.T. 0.02 min
Lab File: BF097644.D
Acq: 12 Aug 2017 20:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	46.0	69.0
63	32.2	23.4	35.0





#7

Phenol-d6

Concen: 20.655 ng

RT: 7.07 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF097644.D

Acq: 12 Aug 2017 20:21

Instrument :

BNA_F

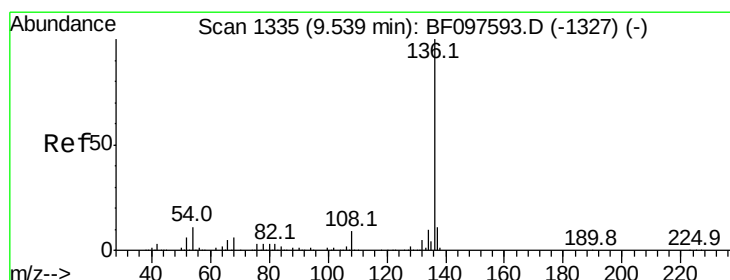
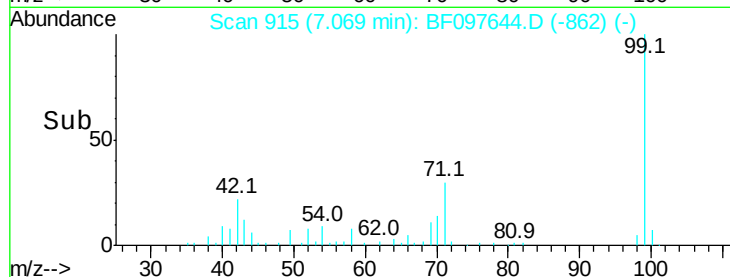
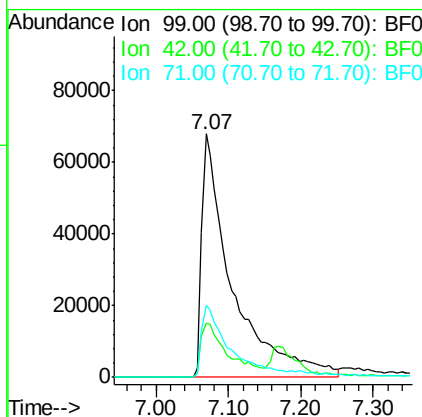
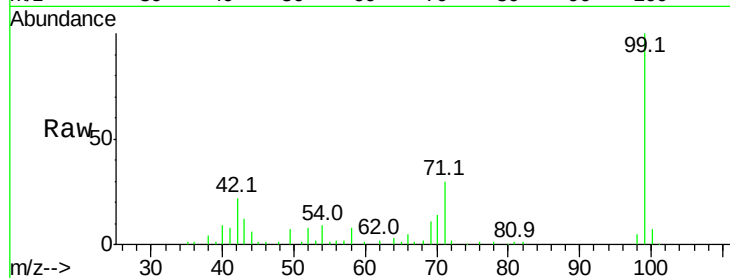
ClientSampleId :

CAPTAINSCOVE-WC-001

Tot Ion:	99	Resp:	197346
Ion Ratio	Lower	Upper	
99	100		
42	22.4	13.5	20.3#
71	29.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

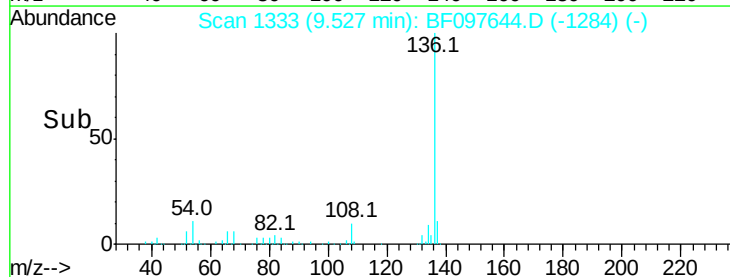
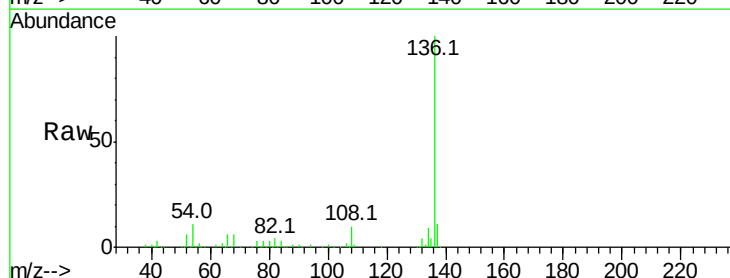
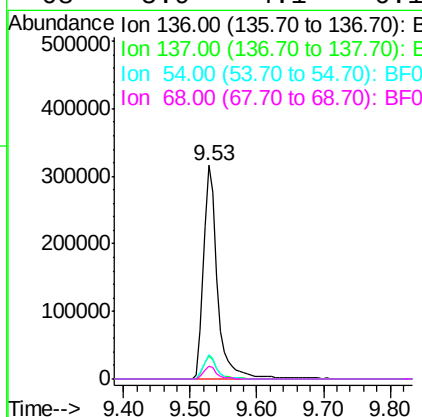
RT: 9.53 min Scan# 1333

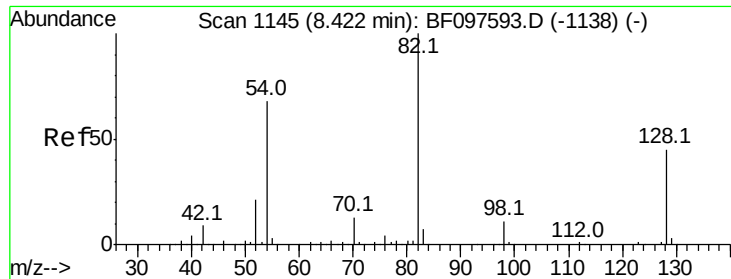
Delta R.T. -0.01 min

Lab File: BF097644.D

Acq: 12 Aug 2017 20:21

Tgt Ion:	136	Resp:	458215
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	11.4	4.9	7.3#
68	5.9	4.1	6.1





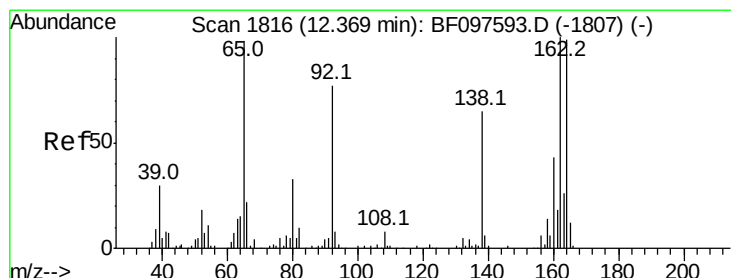
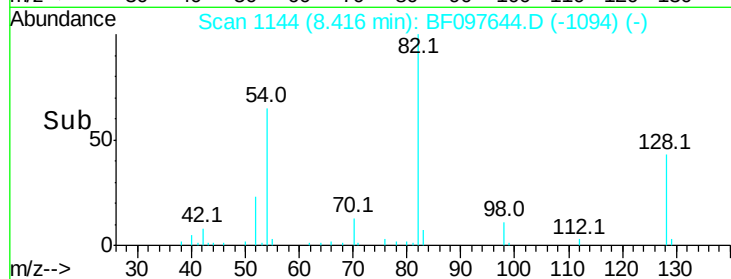
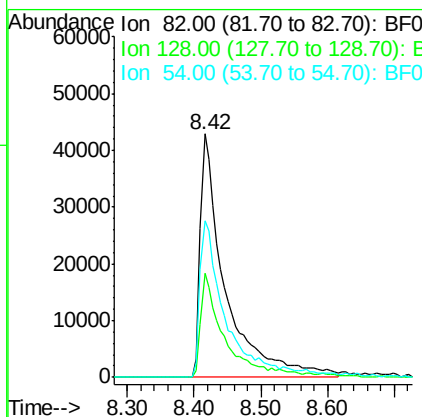
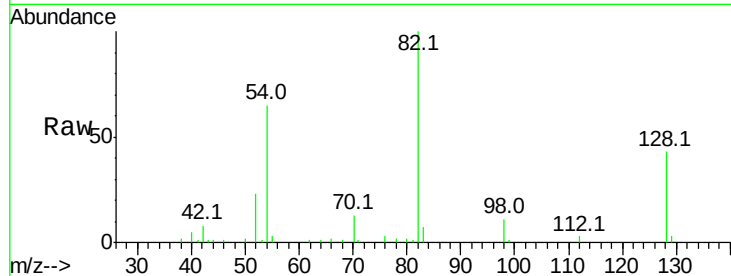
#23
 Nitrobenzene-d5
 Concen: 15.025 ng
 RT: 8.42 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF097644.D
 Acq: 12 Aug 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.6	34.0	51.0	
54	64.5	42.2	63.2	

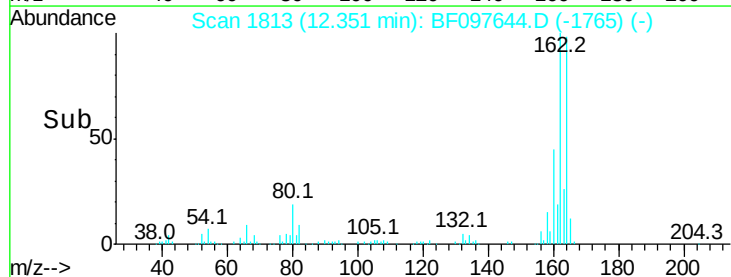
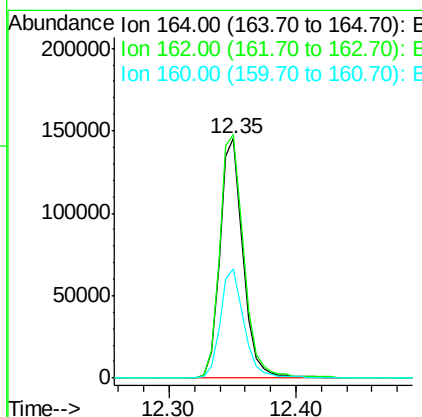
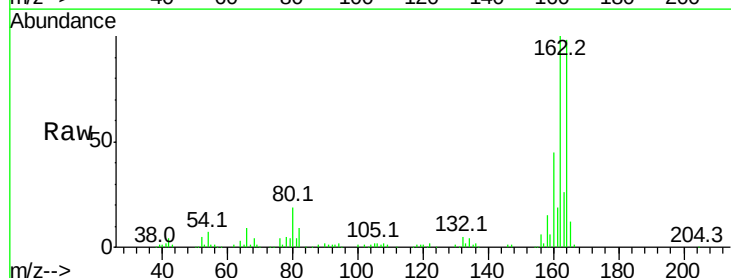
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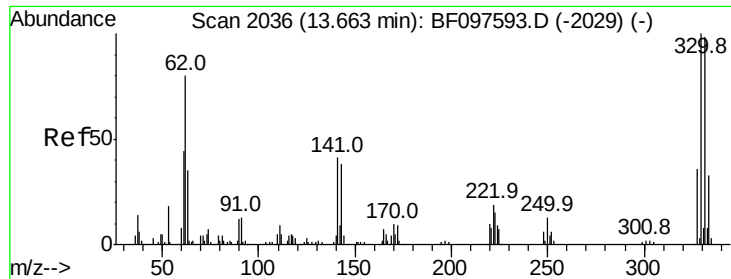
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.35 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF097644.D
 Acq: 12 Aug 2017 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.6	82.6	123.8	
160	45.6	36.2	54.2	





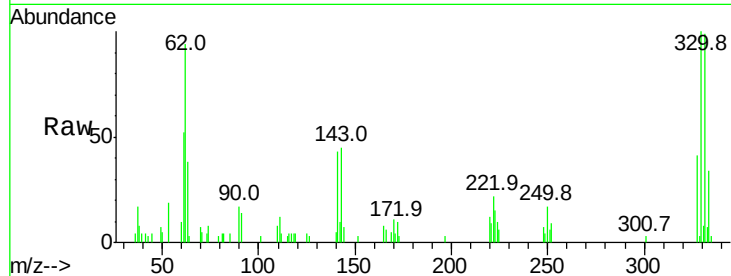
#41
 2,4,6-Tribromophenol
 Concen: 16.065 ng
 RT: 13.65 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF097644.D
 Acq: 12 Aug 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :
 CAPTAINSCOVE-WC-001

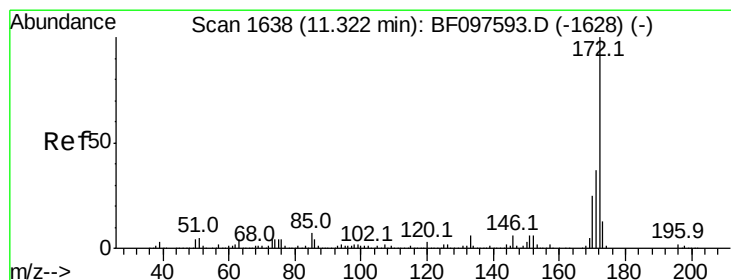
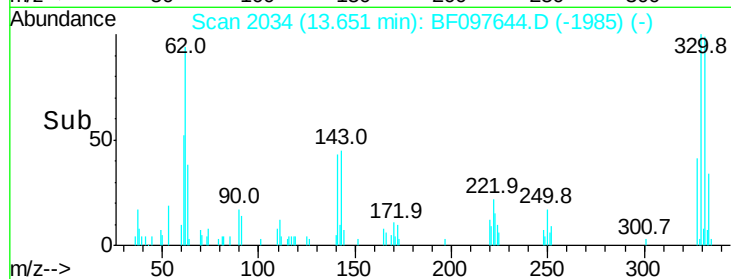
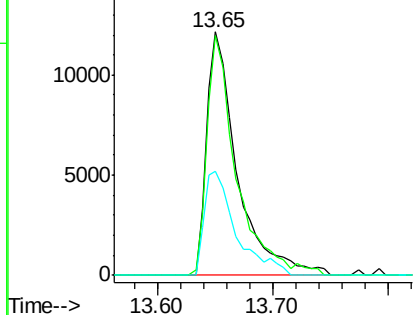
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	76.6	115.0	
141	44.2	31.4	47.2	

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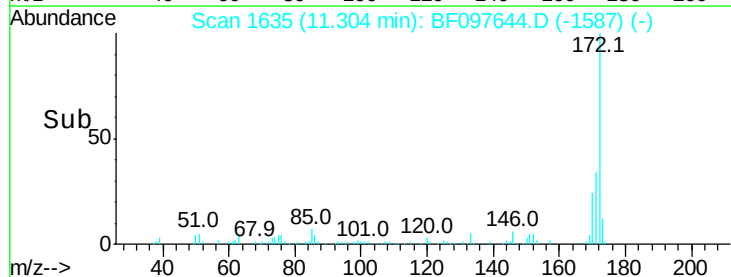
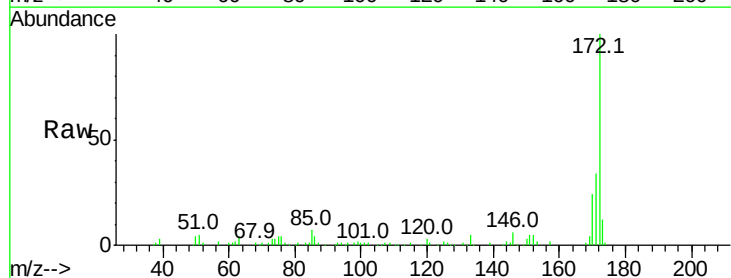
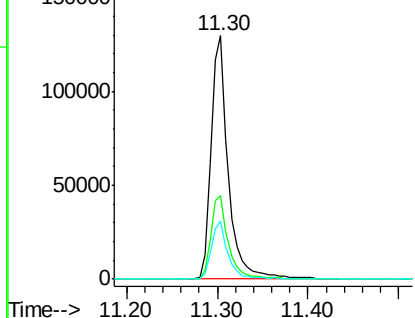
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

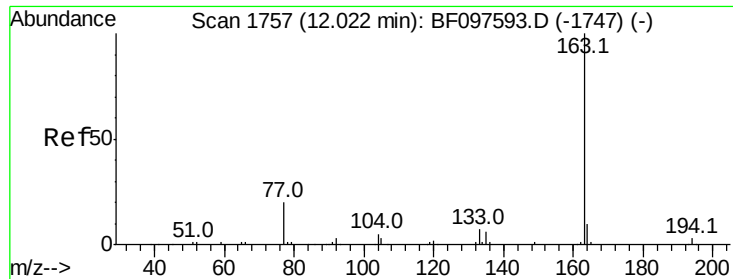


#44
 2-Fluorobiphenyl
 Concen: 13.990 ng
 RT: 11.30 min Scan# 1635
 Delta R.T. -0.02 min
 Lab File: BF097644.D
 Acq: 12 Aug 2017 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.3	29.6	44.4	
170	24.1	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





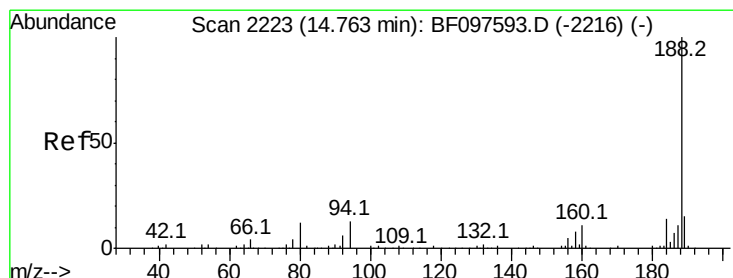
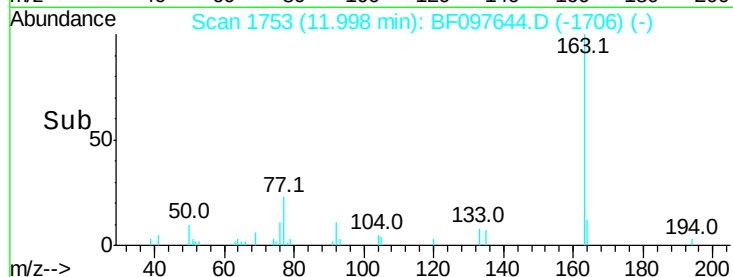
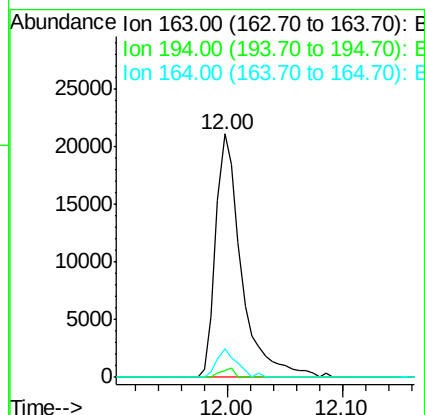
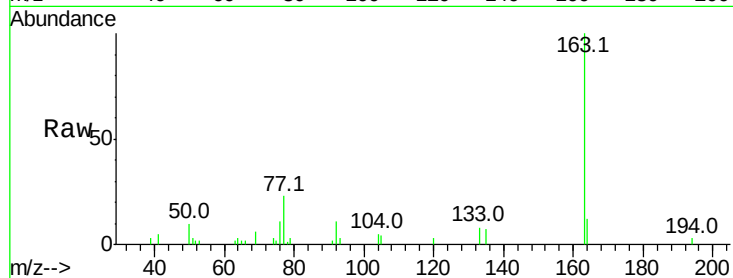
#49
Dimethylphthalate
Concen: 2.308 ng
RT: 12.00 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF097644.D
Acq: 12 Aug 2017 20:21

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	32785		
194	2.8		2.6	4.0
164	11.6		8.4	12.6

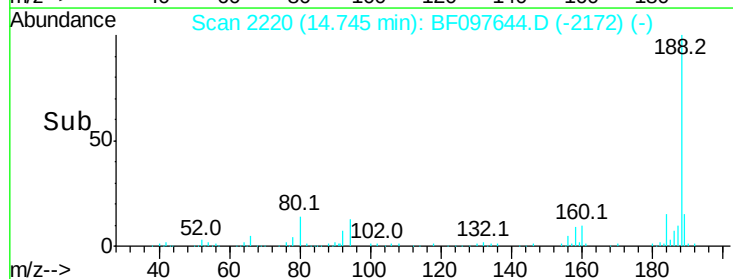
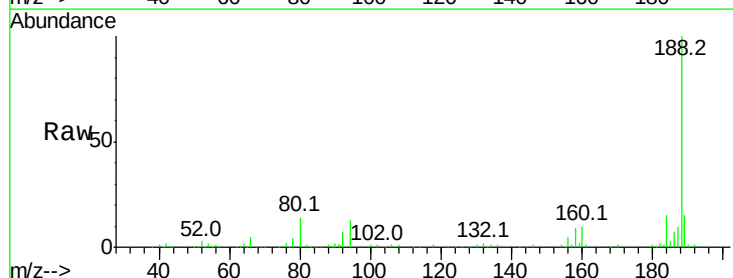
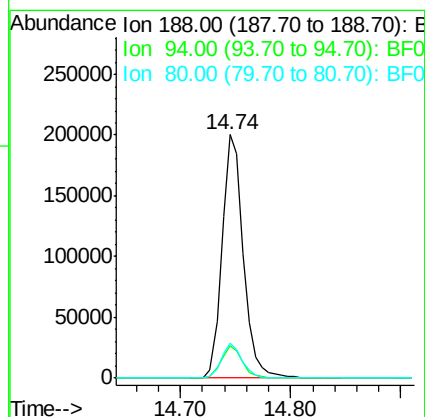
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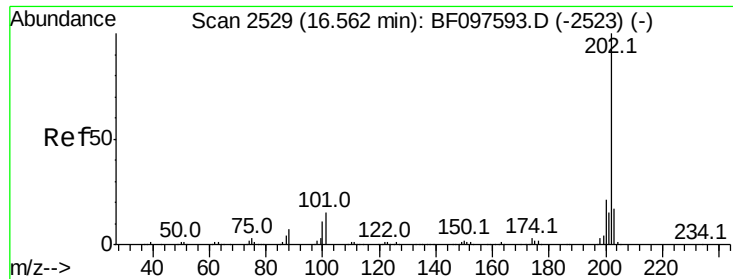
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF097644.D
Acq: 12 Aug 2017 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	268831		
94	13.3		9.4	14.2
80	14.1		10.2	15.2





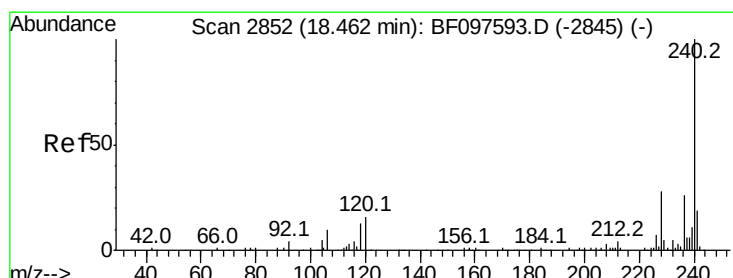
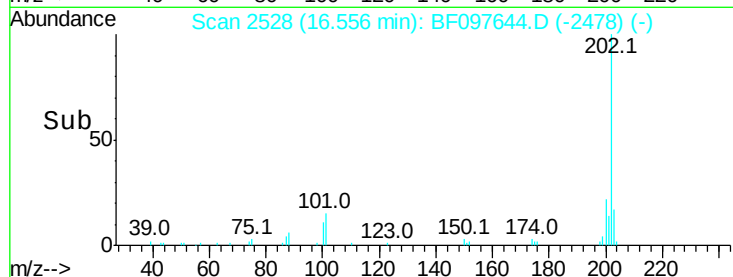
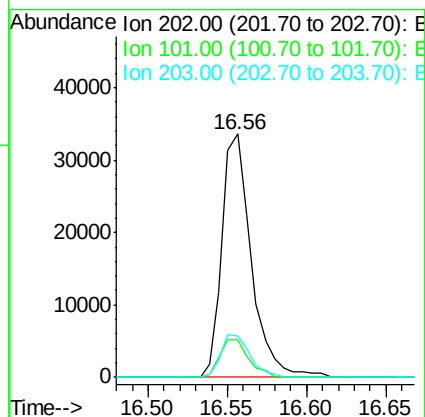
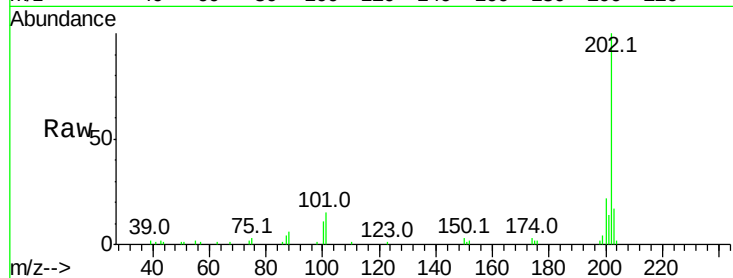
#74
 Fluoranthene
 Concen: 3.098 ng
 RT: 16.56 min Scan# 2528
 Delta R.T. -0.01 min
 Lab File: BF097644.D
 Acq: 12 Aug 2017 20:21

Instrument :
 BNA_F
 ClientSampleId :
 CAPTAINSCOVE-WC-001

Tot Ion:	202	Resp:	43342
Ion Ratio	Lower	Upper	
202	100		
101	15.4	0.0	33.2
203	17.1	0.0	38.1

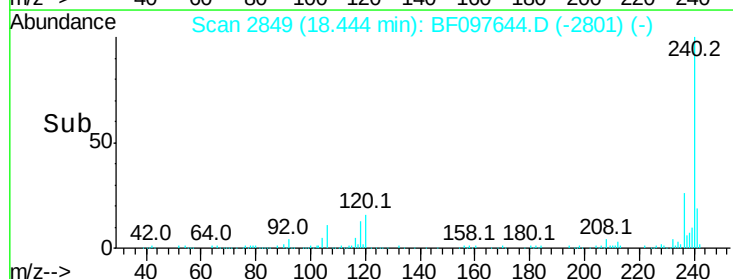
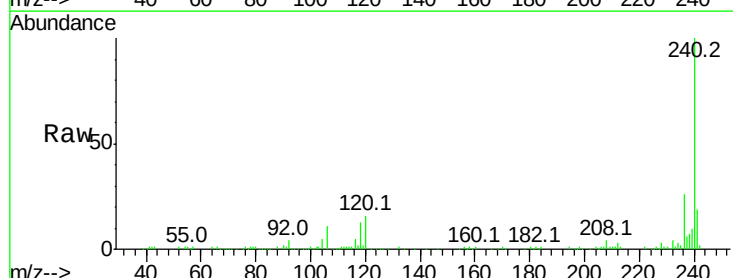
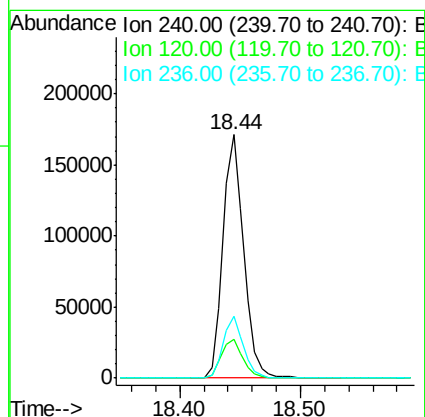
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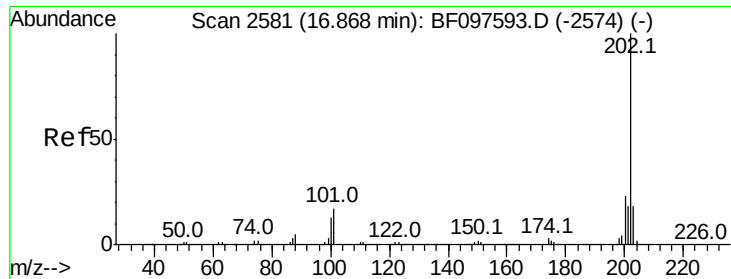
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 18.44 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BF097644.D
 Acq: 12 Aug 2017 20:21

Tgt Ion:	240	Resp:	201757
Ion Ratio	Lower	Upper	
240	100		
120	15.9	5.8	8.8#
236	25.5	20.5	30.7





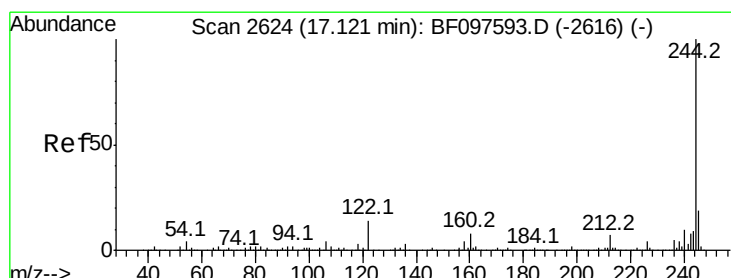
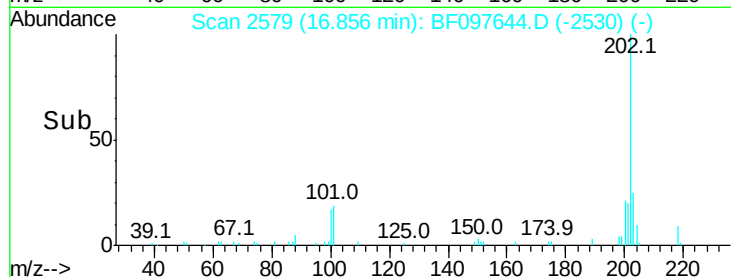
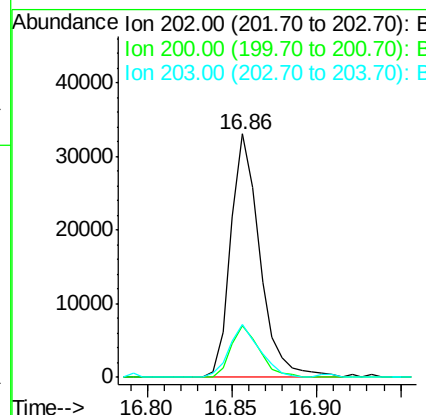
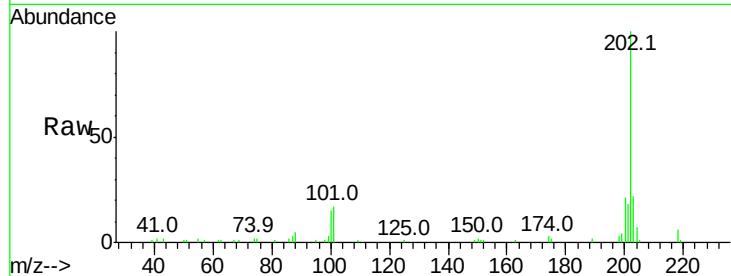
#77
Pvrene
Concen: 2.378 ng
RT: 16.86 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BF097644.D
Acq: 12 Aug 2017 20:21

Instrument :
BNA_F
ClientSampleId :
CAPTAINSCOVE-WC-001

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.4	17.6	26.4	
203	22.0	14.4	21.6	

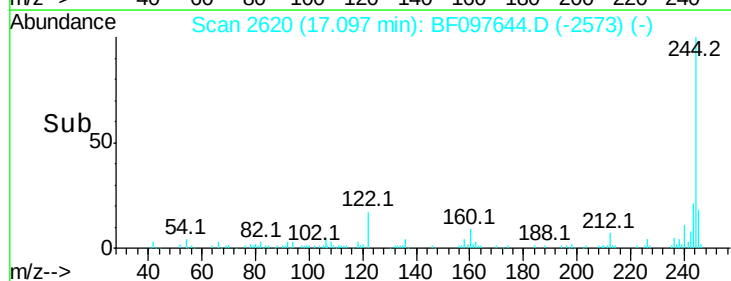
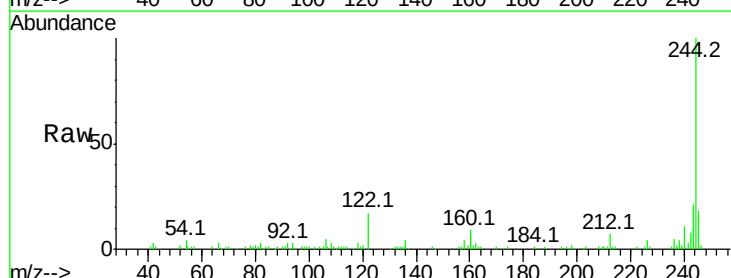
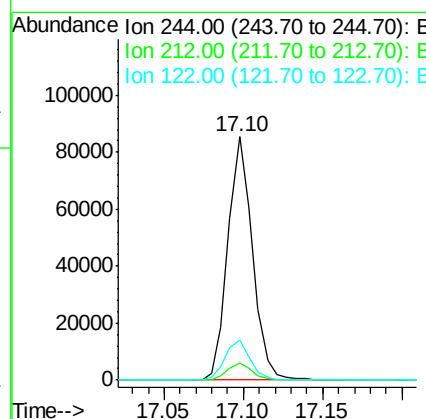
Manual Integrations
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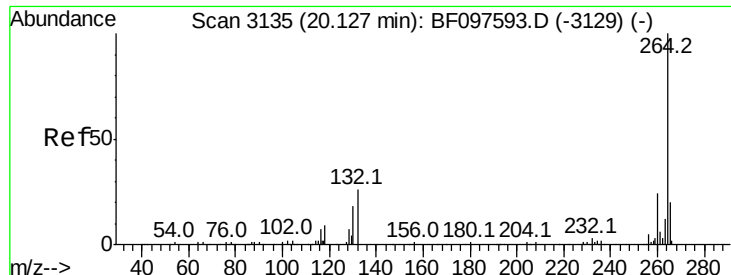
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#78
Terphenyl-d14
Concen: 9.411 ng
RT: 17.10 min Scan# 2620
Delta R.T. -0.02 min
Lab File: BF097644.D
Acq: 12 Aug 2017 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.8	6.0	9.0	
122	16.5	10.3	15.5	





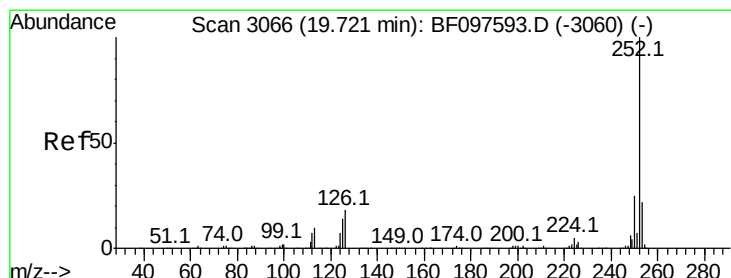
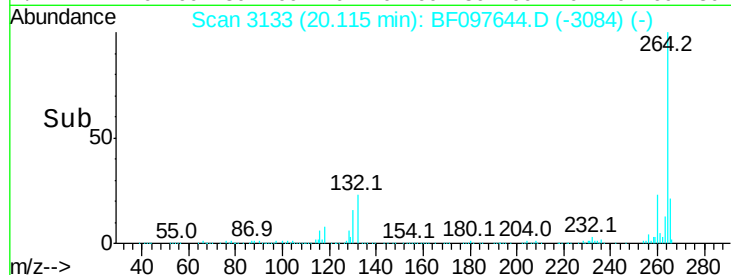
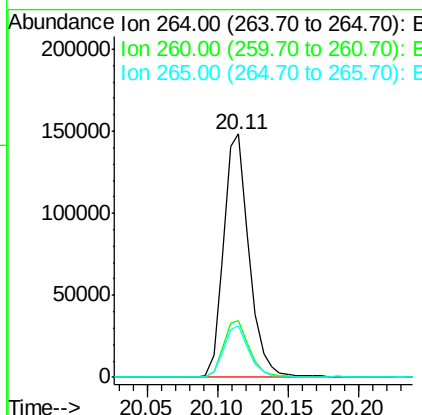
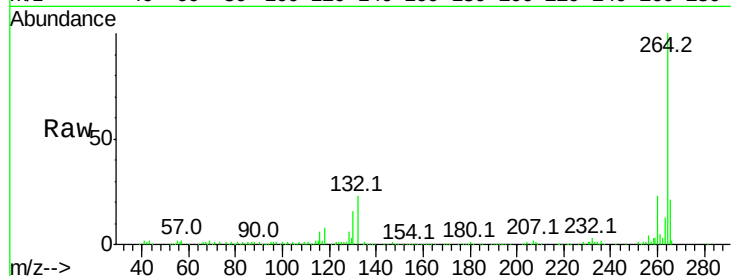
#86
Pervlene-d12
Concen: 20.000 ng
RT: 20.11 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF097644.D
Acq: 12 Aug 2017 20:21

Instrument :
BNA_F
ClientSampleId :
CAPTAINSCOVE-WC-001

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.2	19.5	29.3	
265	21.3	17.2	25.8	

Manual Integrations
APPROVED

sohil
8/14/2017 7:06:26 PM



#87
Benzo(b)fluoranthene
Concen: 2.228 ng m
RT: 19.71 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BF097644.D
Acq: 12 Aug 2017 20:21

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	25.7	18.1	27.1	
125	18.9	9.8	14.8#	

