

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099327.D
 Acq On : 11 Oct 2017 3:57
 Operator : SJ/JU
 Sample : I5749-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Manual Integrations
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Quant Time: Oct 11 05:16:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	97371	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	364236	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	137449	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	219439	20.00	ng	0.00
75) Chrysene-d12	14.03	240	185718	20.00	ng	0.00
86) Perylene-d12	15.51	264	124817	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	778492	127.27	ng	0.01
7) Phenol-d6	6.50	99	898894	119.13	ng	0.00
23) Nitrobenzene-d5	7.43	82	435228	76.63	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	136866	121.69	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	907278	110.20	ng	0.00
78) Terphenyl-d14	12.97	244	694918	85.10	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	170276	16.414	ng	98
74) Fluoranthene	12.60	202	32779	2.756	ng	98
77) Pyrene	12.83	202	35154	2.482	ng	99
87) Benzo(b)fluoranthene	15.07	252	16317m	2.126	ng	

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

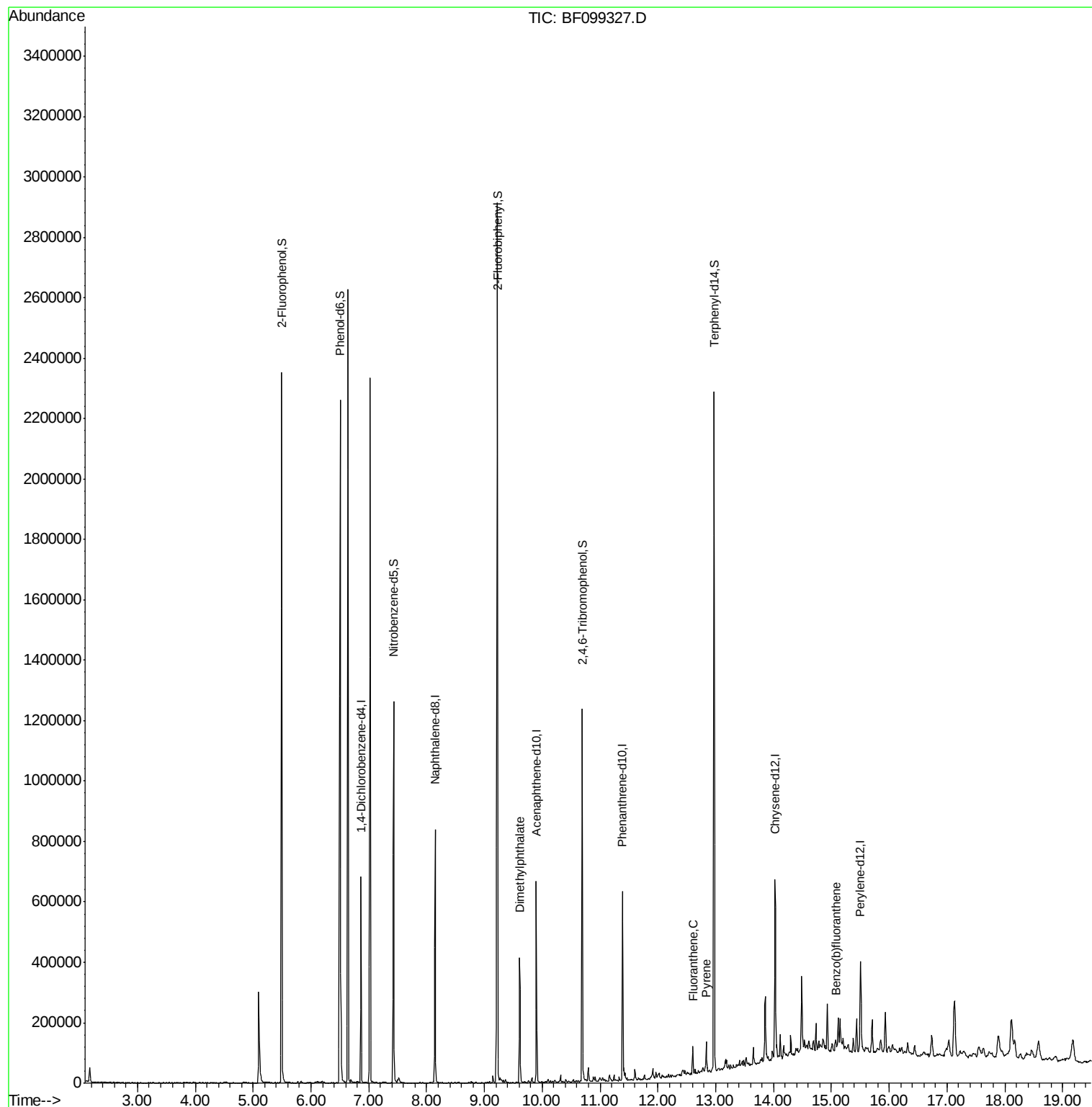
Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
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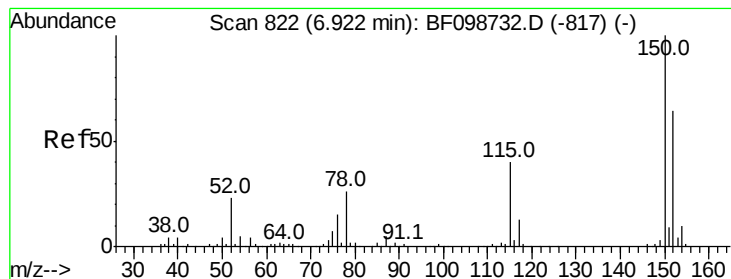
Instrument :
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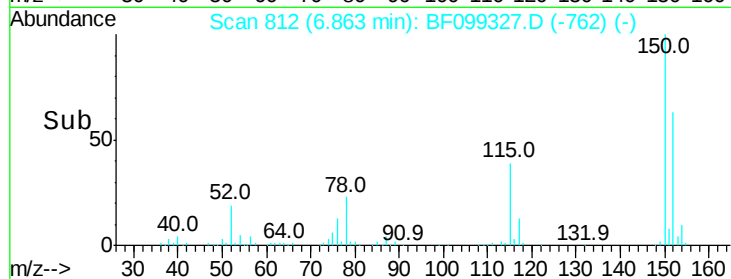
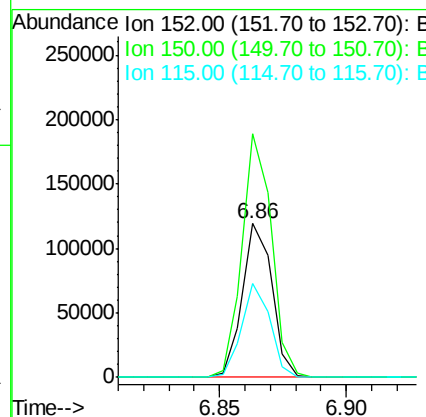
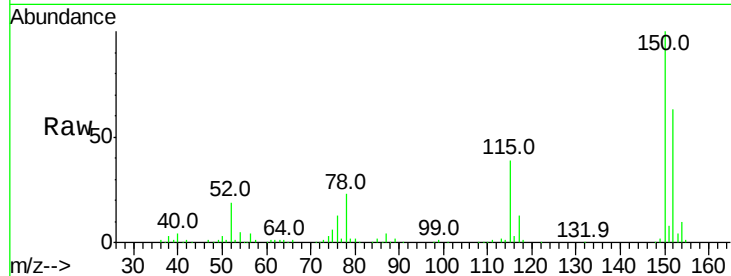
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099327.D
 Acq: 11 Oct 2017 3:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	61.4	50.1	75.1

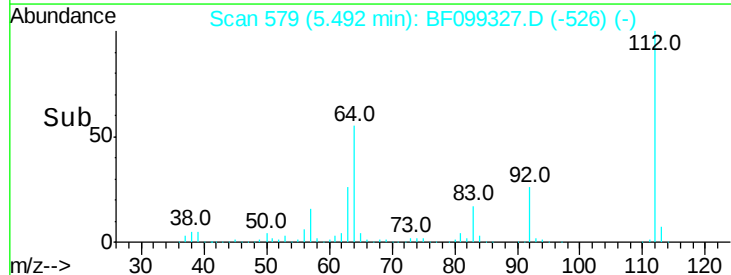
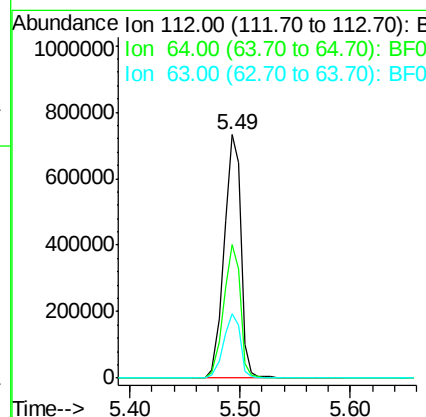
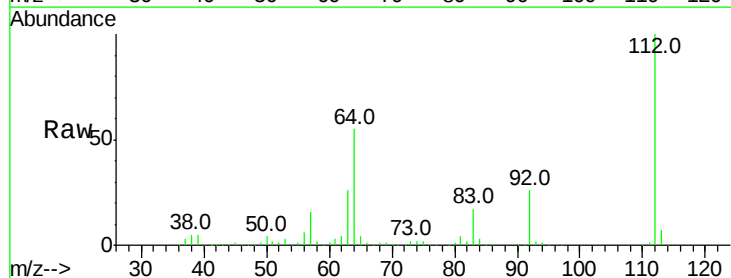
Manual Integrations
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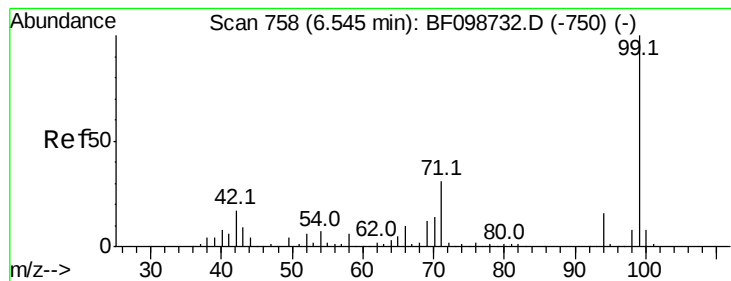
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#5
 2-Fluorophenol
 Concen: 127.274 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF099327.D
 Acq: 11 Oct 2017 3:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.0	47.9	71.9
63	26.4	23.7	35.5





#7

Phenol-d6

Concen: 119.129 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099327.D

Acq: 11 Oct 2017 3:57

Instrument :

BNA_F

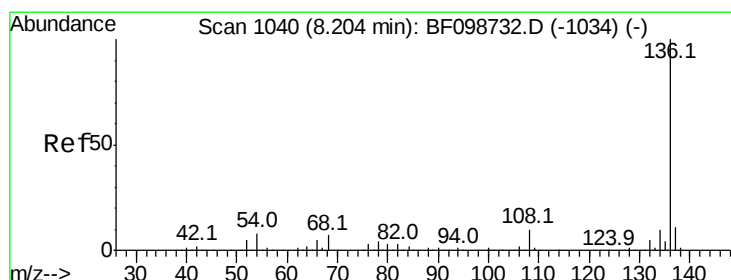
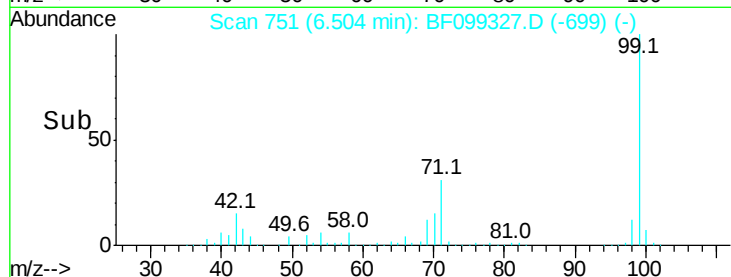
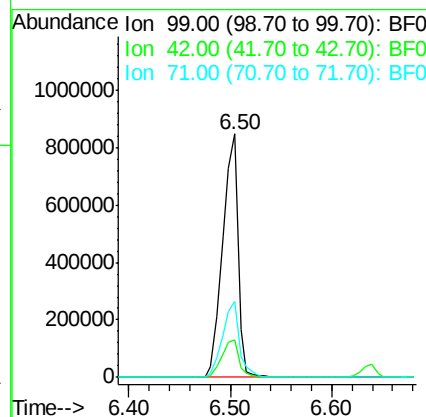
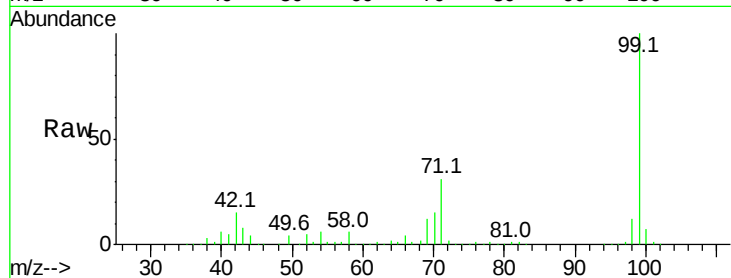
ClientSampled :

SP-COMP

Tot Ion:	99	Resp:	898894
Ion Ratio	Lower	Upper	
99	100		
42	15.3	14.5	21.7
71	31.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

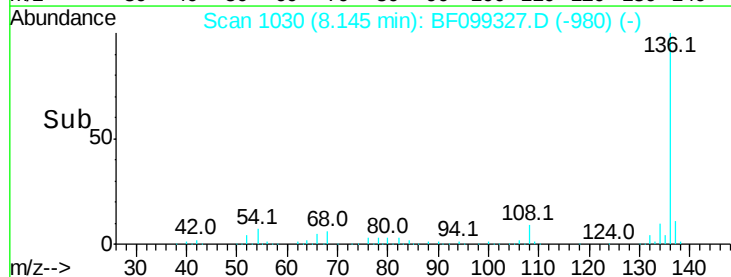
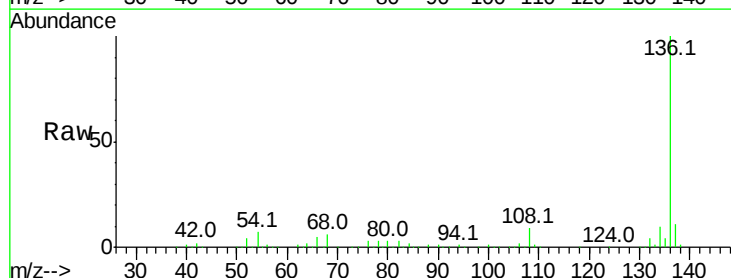
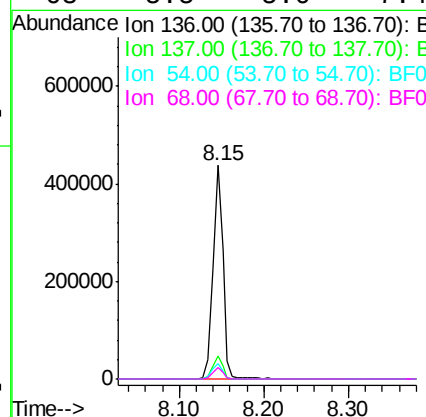
RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099327.D

Acq: 11 Oct 2017 3:57

Tgt Ion:	136	Resp:	364236
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	7.1	6.6	9.8
68	5.5	5.0	7.4





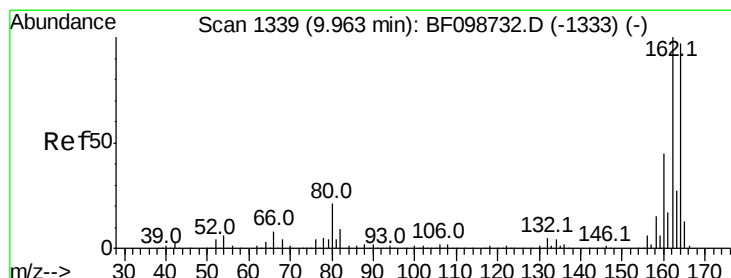
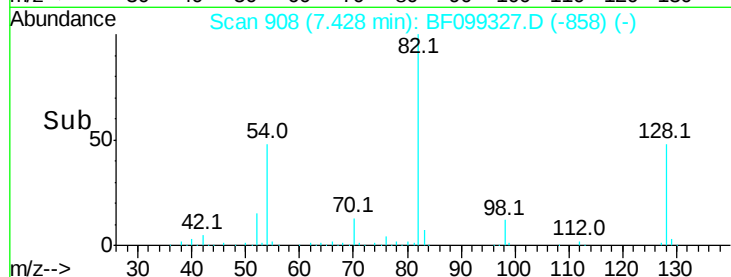
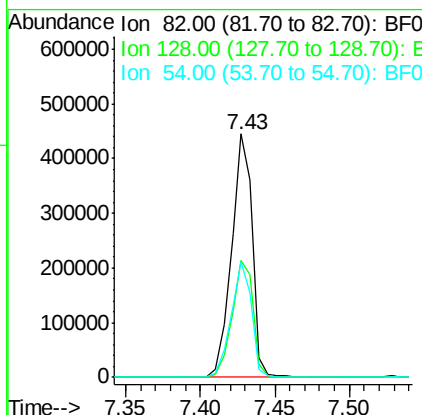
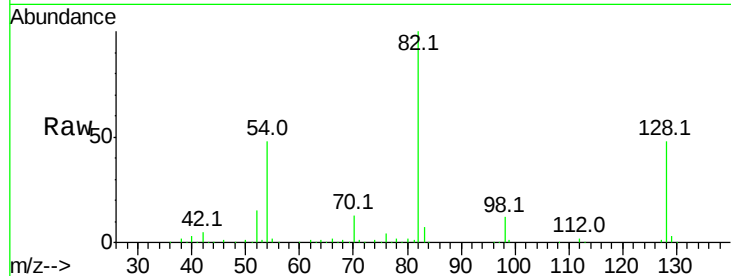
#23
 Nitrobenzene-d5
 Concen: 76.630 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099327.D
 Acq: 11 Oct 2017 3:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.1	54.1
54	47.7	41.4	62.2

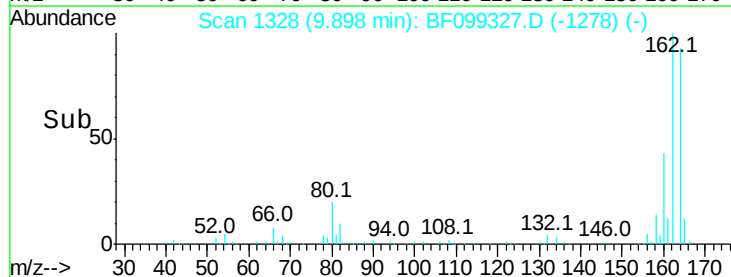
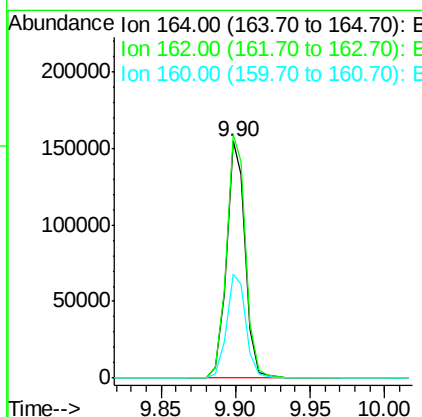
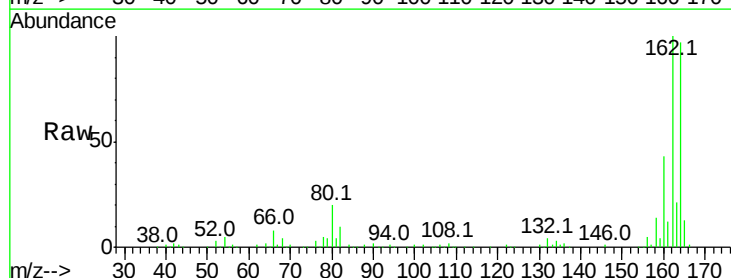
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099327.D
 Acq: 11 Oct 2017 3:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	86.1	129.1
160	43.9	38.3	57.5





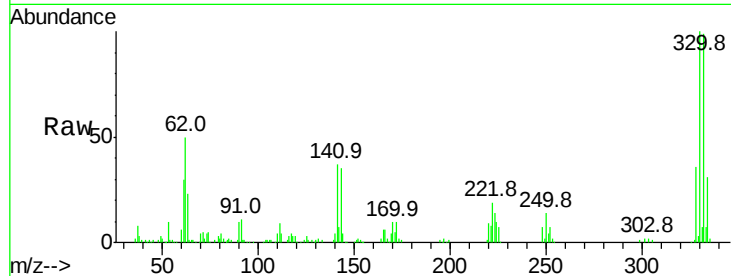
#41
 2,4,6-Tribromophenol
 Concen: 121.691 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099327.D
 Acq: 11 Oct 2017 3:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-COMP

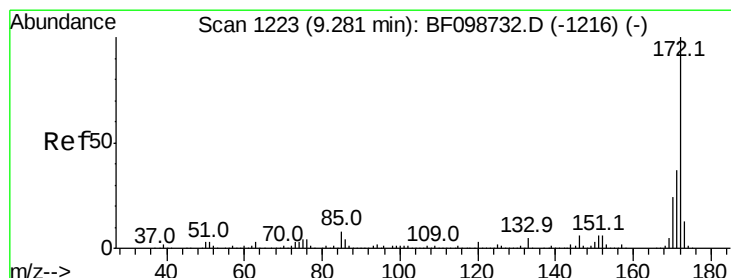
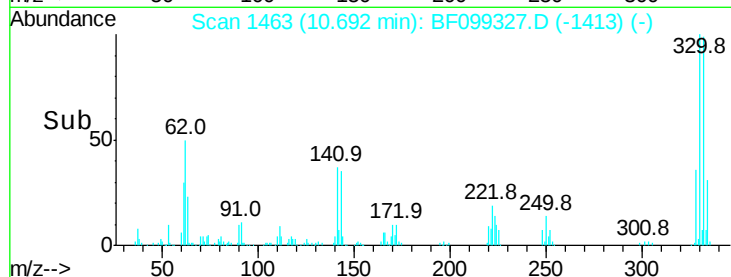
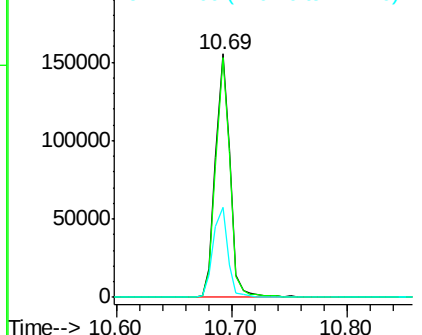
Tot Ion	Ratio	Resp	Lower	Upper
330	100	136866		
332	96.9	77.0	115.6	
141	38.1	29.9	44.9	

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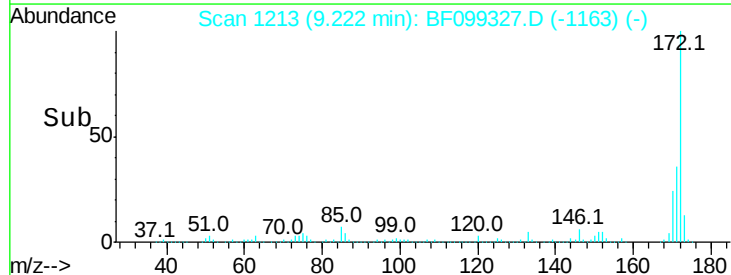
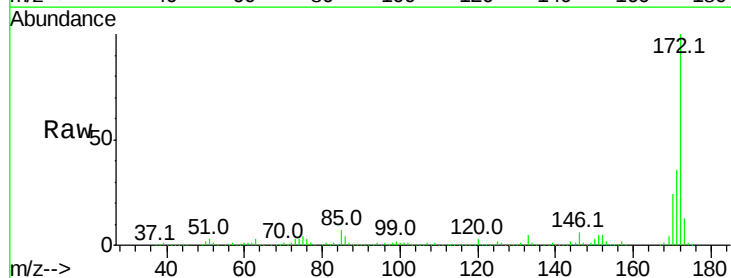
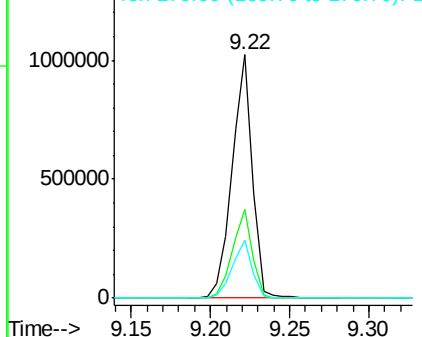
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

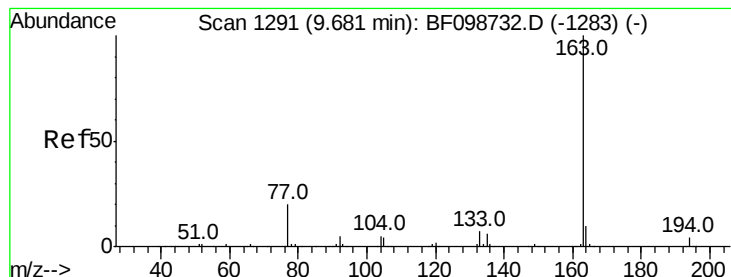


#44
 2-Fluorobiphenyl
 Concen: 110.195 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099327.D
 Acq: 11 Oct 2017 3:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	907278		
171	36.4	29.7	44.5	
170	23.9	19.6	29.4	

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: 16.414 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF099327.D

Acq: 11 Oct 2017 3:57

Instrument :

BNA_F

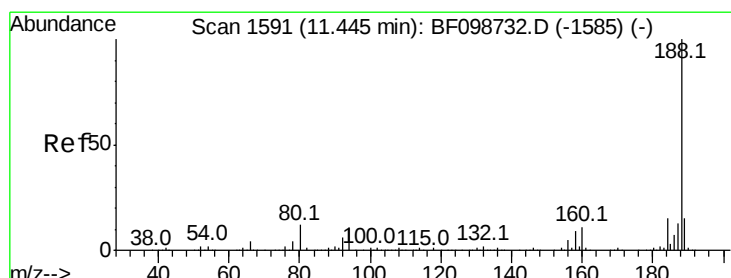
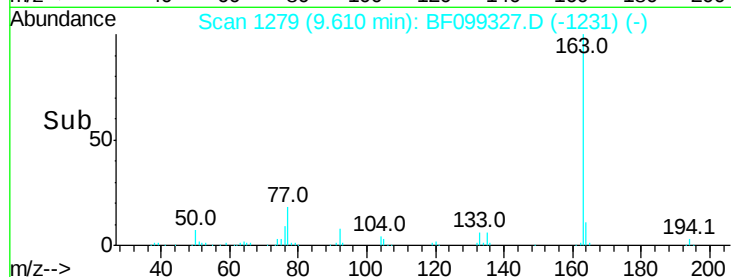
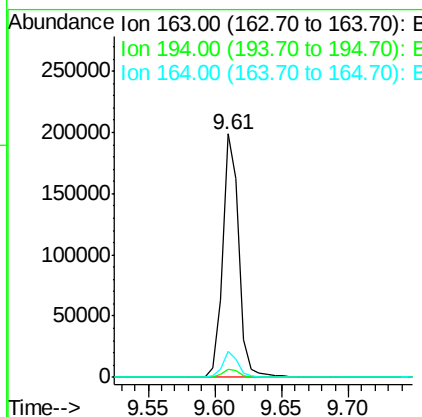
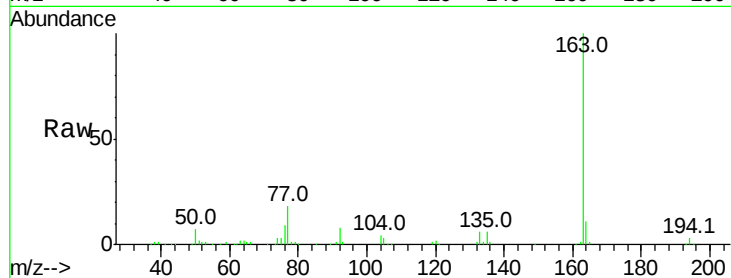
ClientSampled :

SP-COMP

Tot Ion:	163	Resp:	170276
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.7	4.1
164	10.9	8.2	12.2

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#63

Phenanthrene-d10

Concen: 20.000 ng

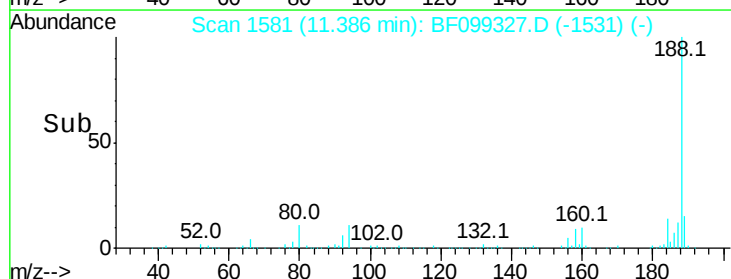
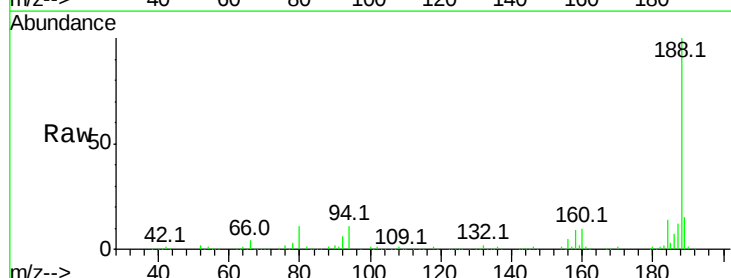
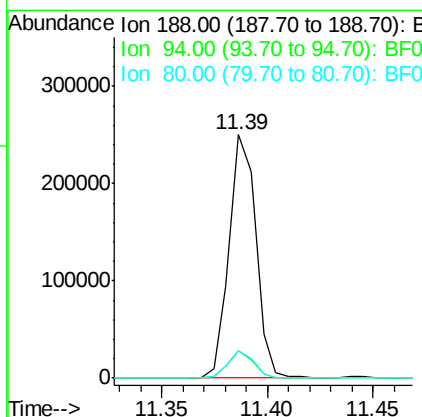
RT: 11.39 min Scan# 1581

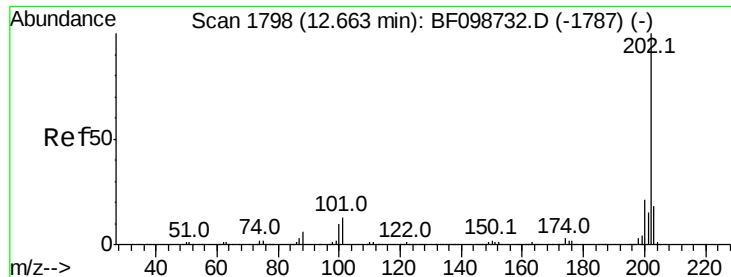
Delta R.T. -0.01 min

Lab File: BF099327.D

Acq: 11 Oct 2017 3:57

Tgt Ion:	188	Resp:	219439
Ion Ratio	Lower	Upper	
188	100		
94	11.0	8.5	12.7
80	11.2	9.2	13.8





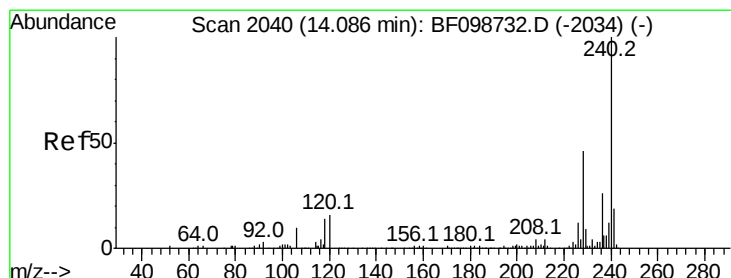
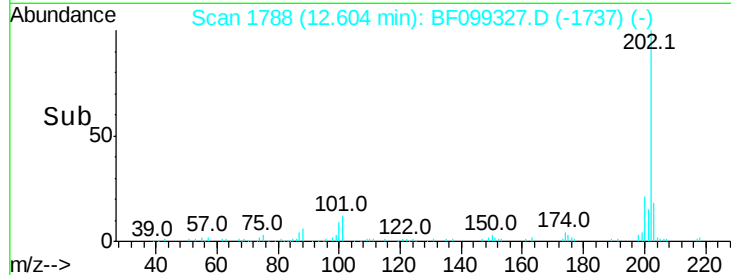
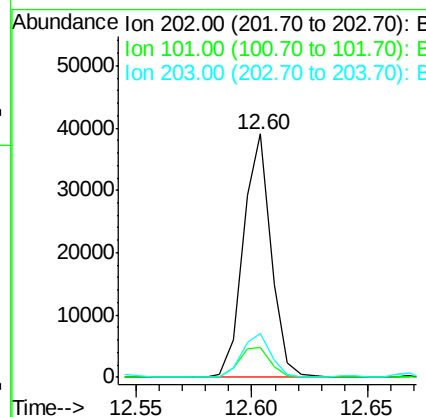
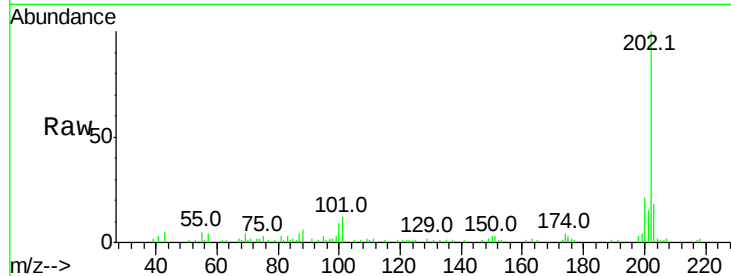
#74
 Fluoranthene
 Concen: 2.756 ng
 RT: 12.60 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BF099327.D
 Acq: 11 Oct 2017 3:57

Instrument :
 BNA_F
 ClientSampled :
 SP-COMP

Tot Ion:	202	Resp:	32779
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	34.1
203	18.2	0.0	38.1

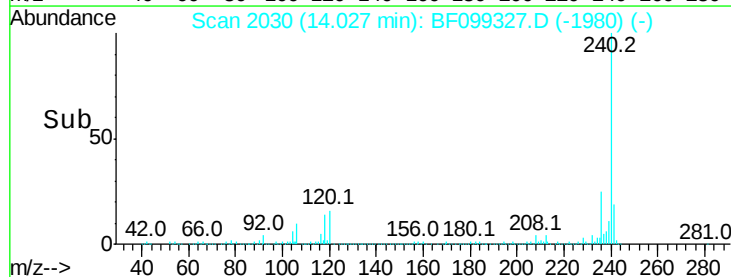
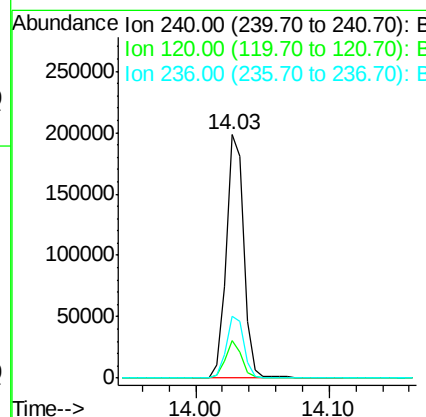
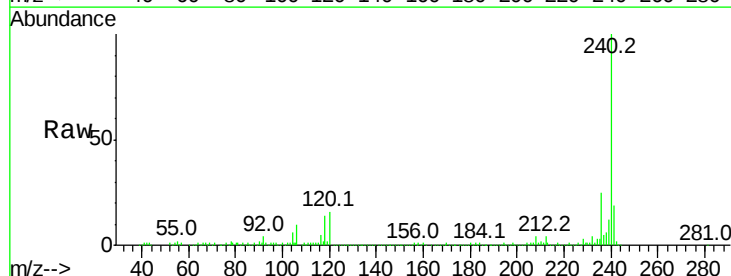
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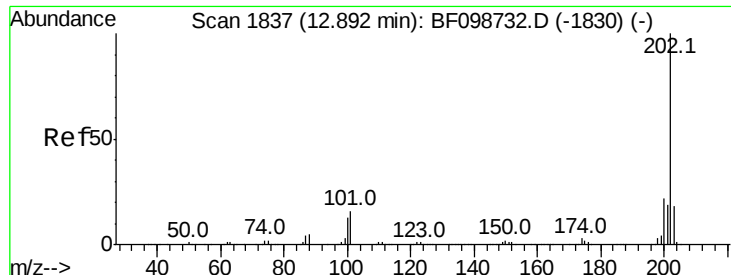
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099327.D
 Acq: 11 Oct 2017 3:57

Tgt Ion:	240	Resp:	185718
Ion Ratio	Lower	Upper	
240	100		
120	15.5	9.5	14.3#
236	25.2	20.7	31.1





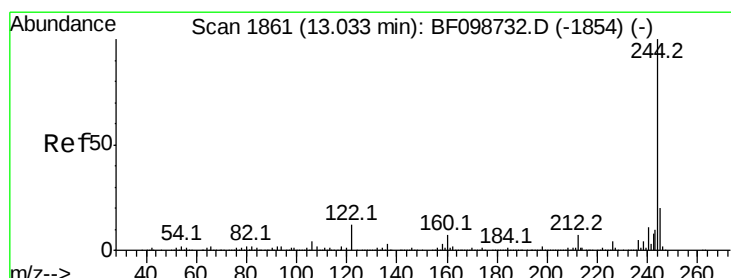
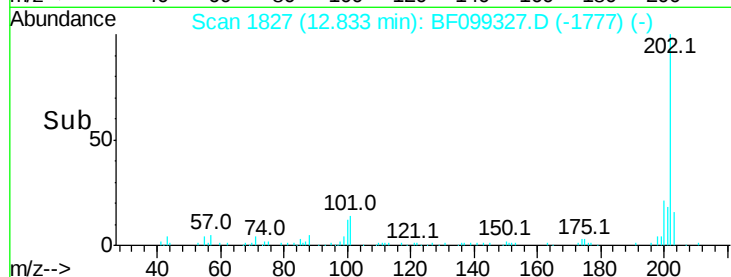
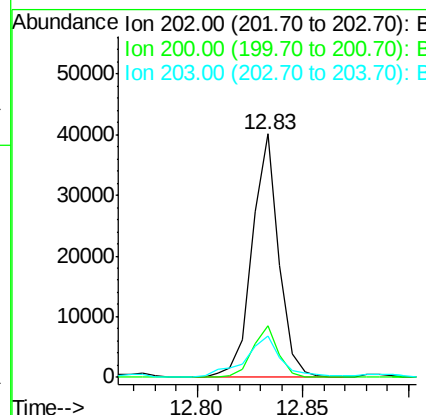
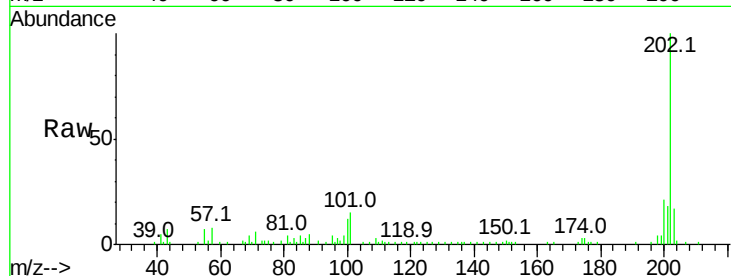
#77
Pvrene
Concen: 2.482 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BF099327.D
Acq: 11 Oct 2017 3:57

Instrument :
BNA_F
ClientSampled :
SP-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.2	14.3	21.5

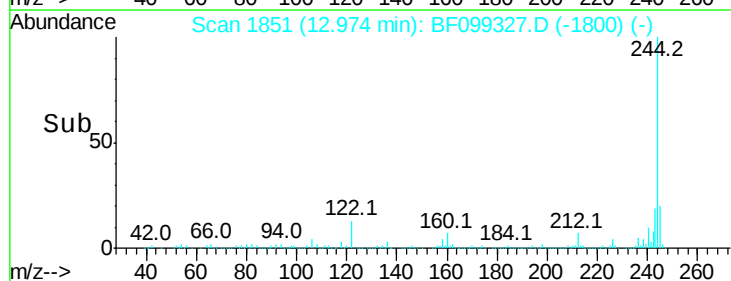
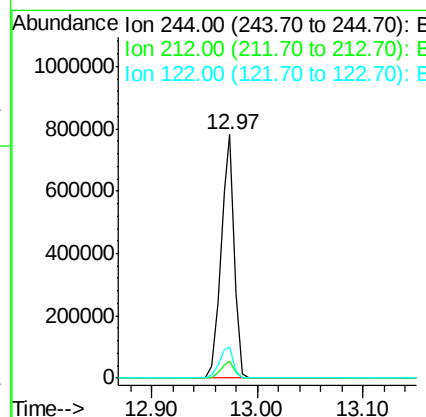
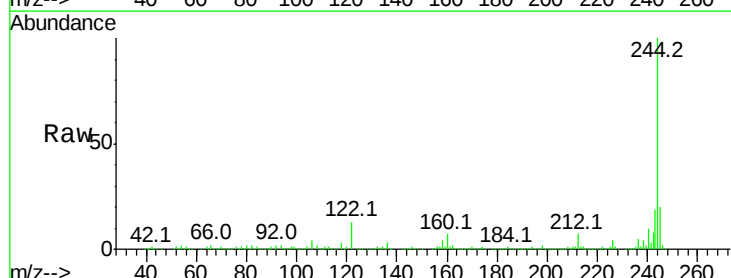
Manual Integrations
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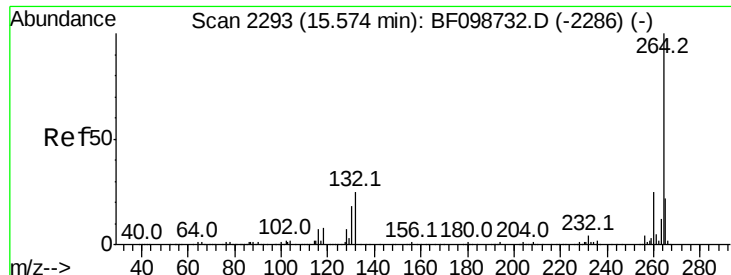
Sohil
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#78
Terphenyl-d14
Concen: 85.096 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BF099327.D
Acq: 11 Oct 2017 3:57

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.0	11.0	16.4





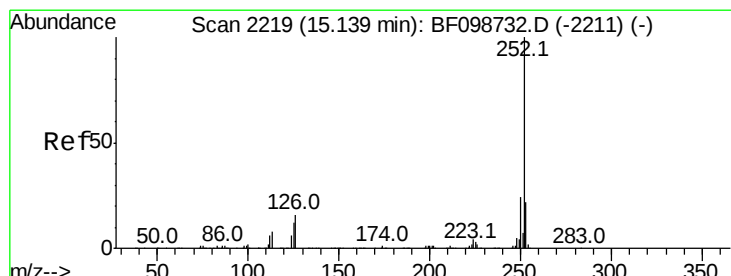
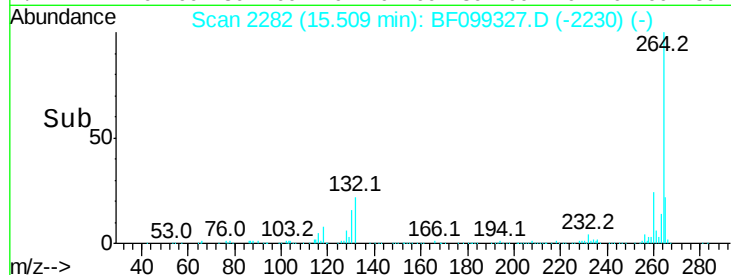
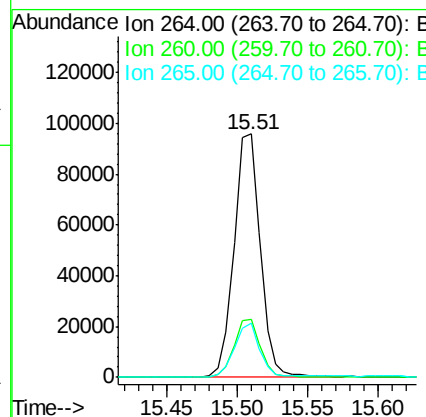
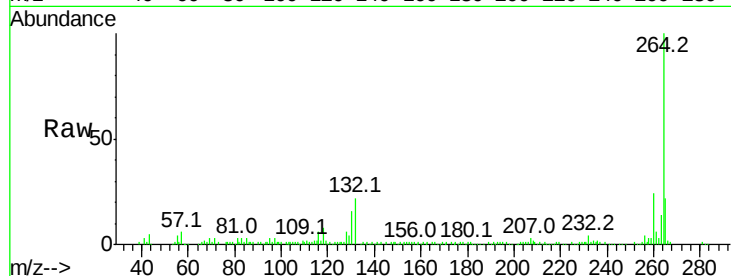
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF099327.D
Acq: 11 Oct 2017 3:57

Instrument :
BNA_F
ClientSampleId :
SP-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.4	17.5	26.3

Manual Integrations
APPROVED

Sohil
10/11/2017 7:24:19 PM



#87
Benzo(b)fluoranthene
Concen: 2.126 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.00 min
Lab File: BF099327.D
Acq: 11 Oct 2017 3:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.0	25.6#
125	20.0	9.0	13.6#

