

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104320.D
 Acq On : 6 Apr 2018 21:56
 Operator : JU/SJ
 Sample : J2232-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CV-RB26667RT

Manual Integrations
 APPROVED

Sohil
 4/9/2018 11:18:34 AM

Quant Time: Apr 07 00:16:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	155900	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	624424	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	218846	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	226230	20.00	ng	0.02
75) Chrysene-d12	13.97	240	311228	20.00	ng	0.00
86) Perylene-d12	15.43	264	310669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1008202	98.88	ng	0.01
7) Phenol-d6	6.43	99	1251996	99.94	ng	0.00
23) Nitrobenzene-d5	7.37	82	743268	77.73	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	219849	96.84	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1162847	83.94	ng	0.00
78) Terphenyl-d14	12.93	244	723398	52.99	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.56	163	115145	6.672	ng	# 94
74) Fluoranthene	12.57	202	67417	5.122	ng	# 89
77) Pyrene	12.79	202	76794	3.329	ng	# 93
80) Benzo(a)anthracene	13.96	228	40489m	2.178	ng	
82) Chrysene	14.00	228	44551m	2.333	ng	
87) Benzo(b)fluoranthene	15.00	252	51000m	2.599	ng	
89) Benzo(a)pyrene	15.36	252	35543	2.025	ng	# 94

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

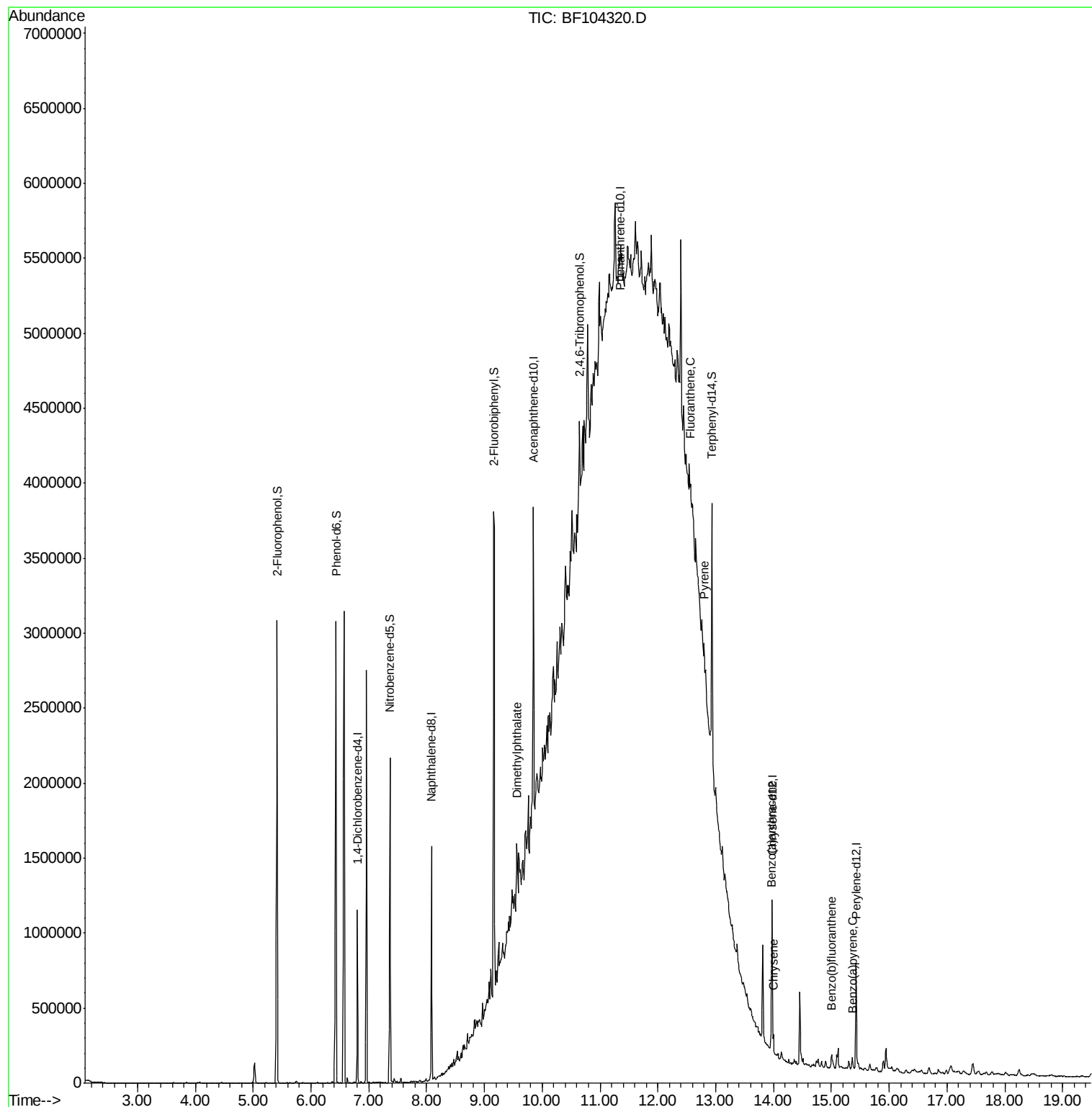
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
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Acq On : 6 Apr 2018 21:56
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Quant Time: Apr 07 00:16:35 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

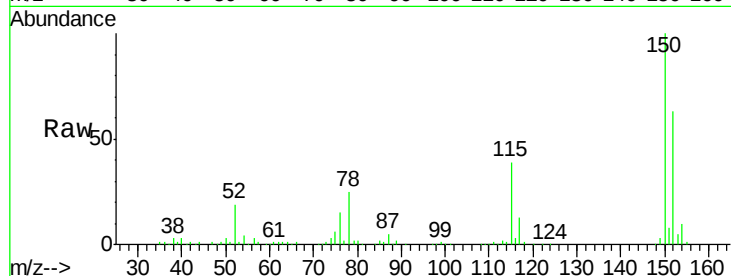
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104320.D
Acq: 6 Apr 2018 21:56

Instrument :
BNA_F
ClientSampleId :
CV-RB26667RT

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	62.4	50.1	75.1

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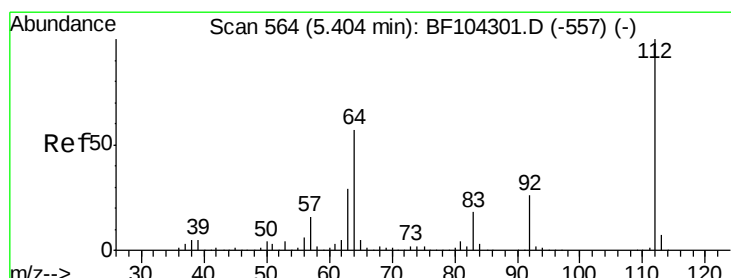
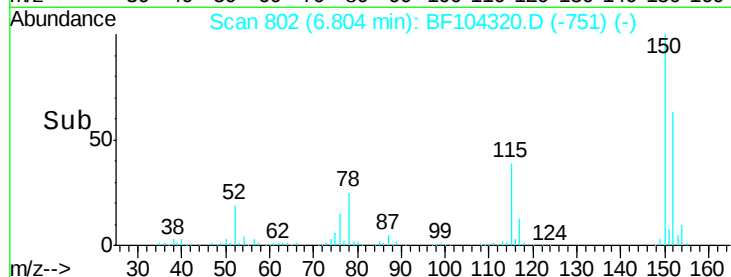
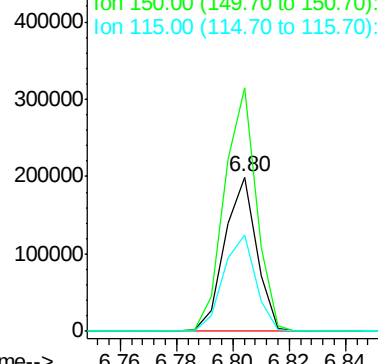


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

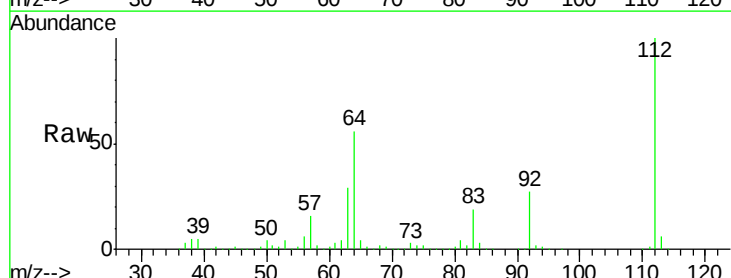
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.884 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF104320.D
Acq: 6 Apr 2018 21:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	29.0	23.7	35.5

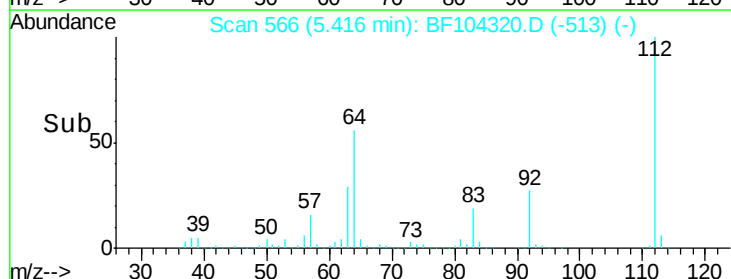
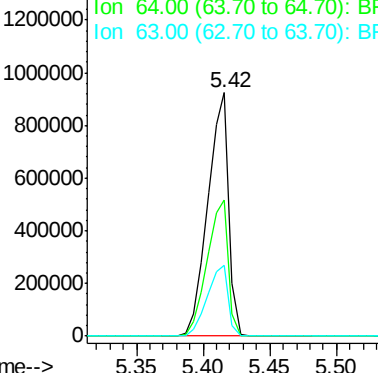


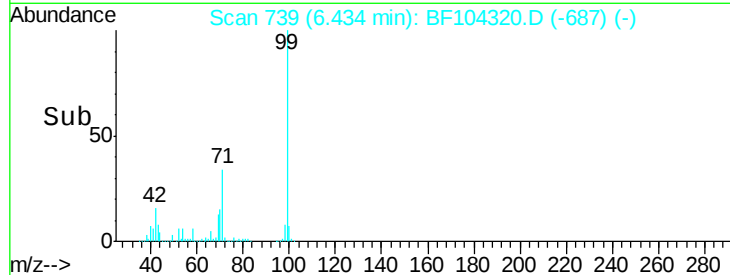
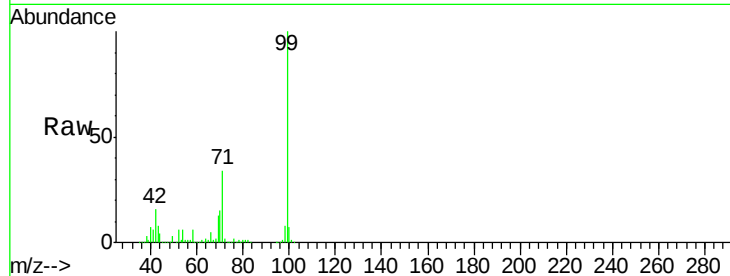
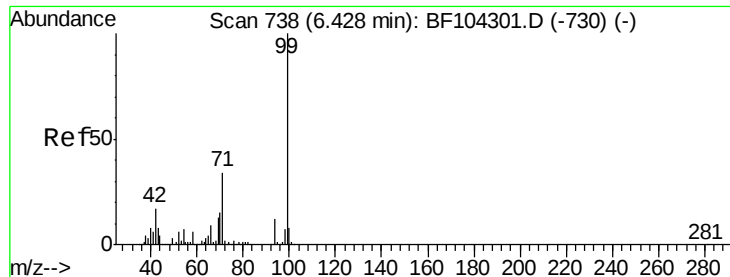
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 99.941 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BF104320.D

Acq: 6 Apr 2018 21:56

Tot Ion:	99	Resp:	1251996
Ion	Ratio	Lower	Upper
99	100		
42	16.3	14.5	21.7
71	33.6	25.4	38.0

Instrument :

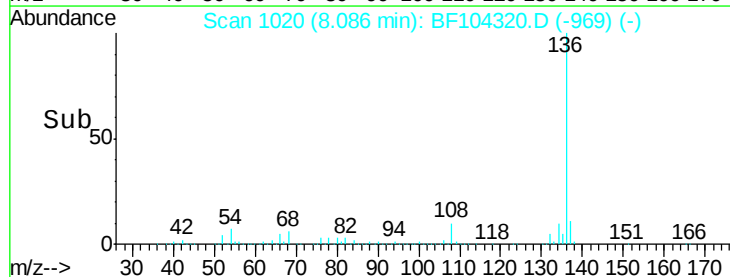
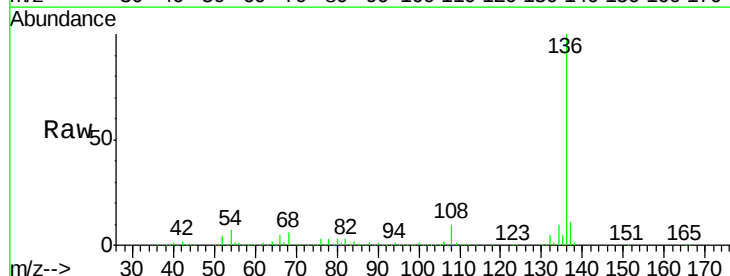
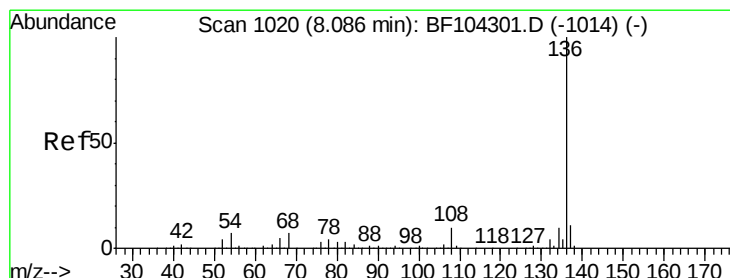
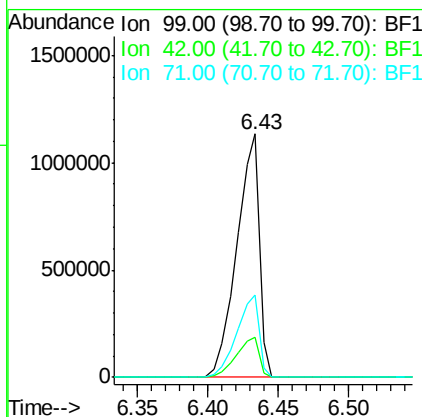
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ClientSampleId :

CV-RB26667RT

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#21

Naphthalene-d8

Concen: 20.000 ng

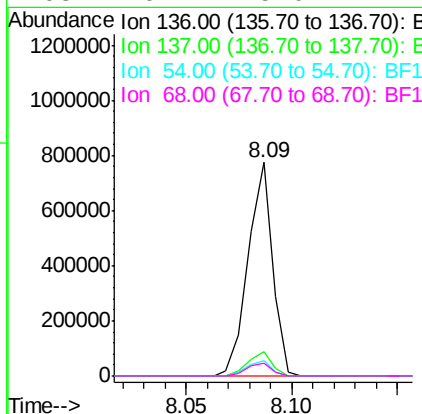
RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104320.D

Acq: 6 Apr 2018 21:56

Tgt Ion:	136	Resp:	624424
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.3	6.6	9.8
68	6.2	5.0	7.4





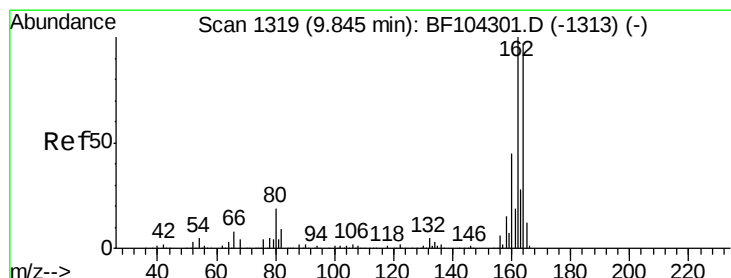
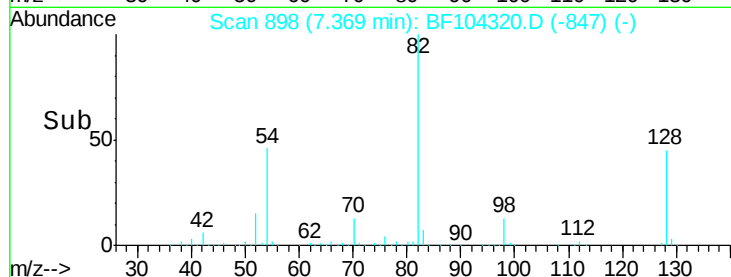
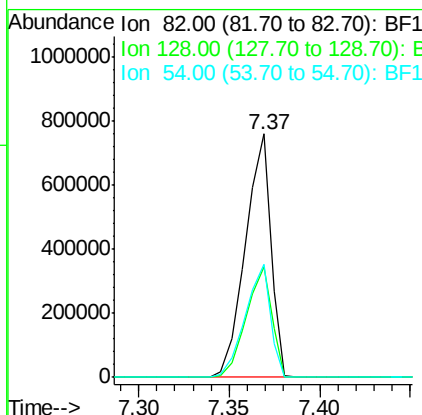
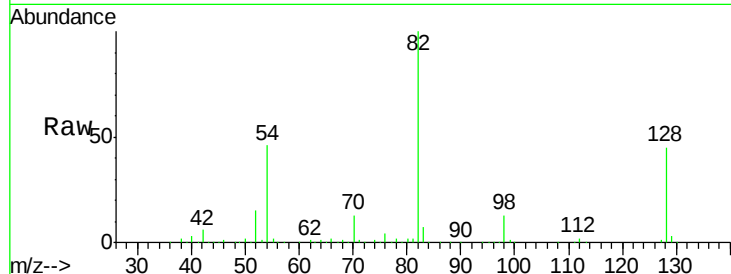
#23
Nitrobenzene-d5
Concen: 77.726 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF104320.D
Acq: 6 Apr 2018 21:56

Instrument :
BNA_F
ClientSampleId :
CV-RB26667RT

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	46.3	41.4	62.2

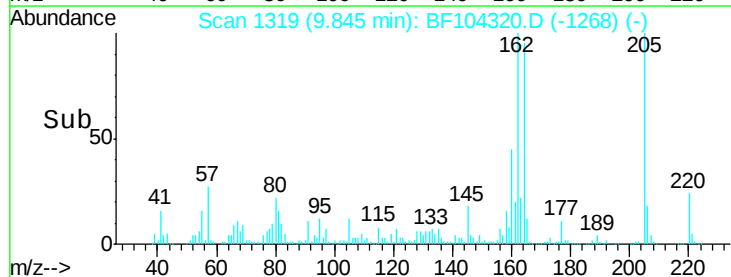
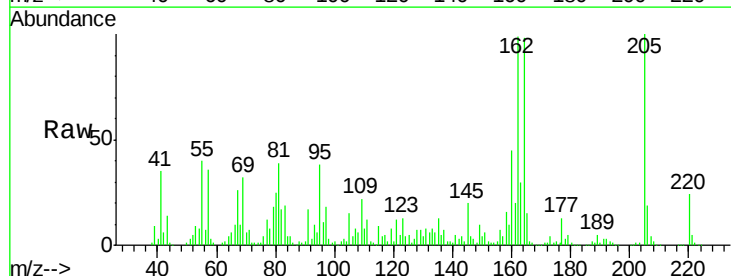
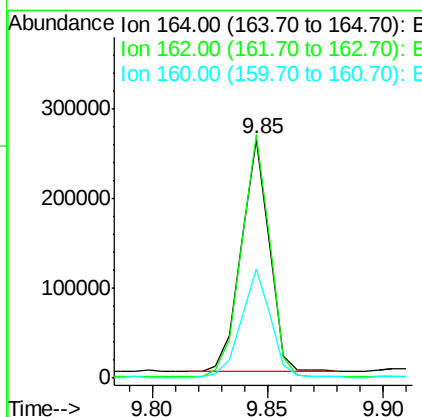
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104320.D
Acq: 6 Apr 2018 21:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	86.1	129.1
160	45.9	38.3	57.5





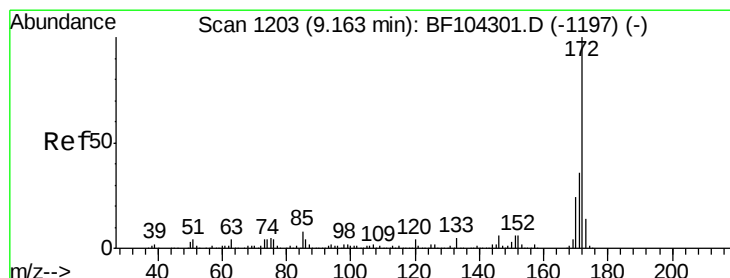
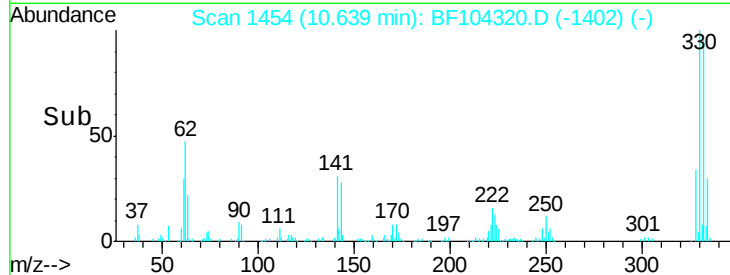
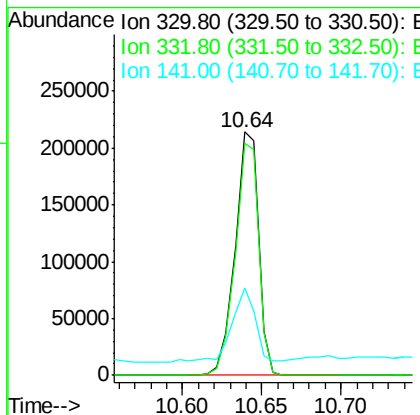
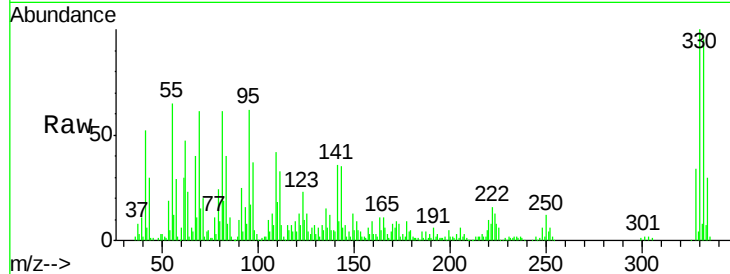
#41
 2,4,6-Tribromophenol
 Concen: 96.843 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF104320.D
 Acq: 6 Apr 2018 21:56

Instrument :
 BNA_F
 ClientSampleId :
 CV-RB26667RT

Tot Ion	Ratio	Resp	Lower	Upper
330	100	219849		
332	95.2	77.0	115.6	
141	30.5	29.9	44.9	

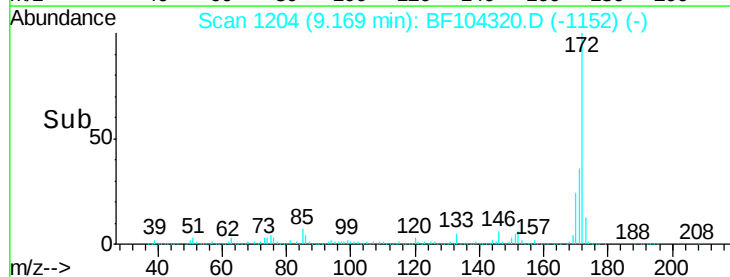
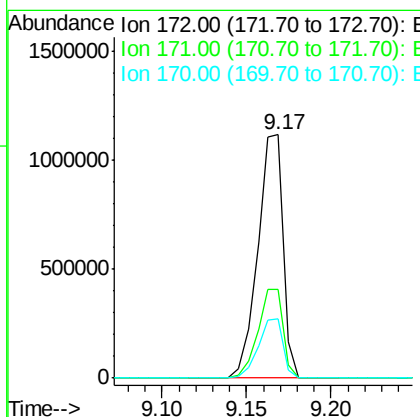
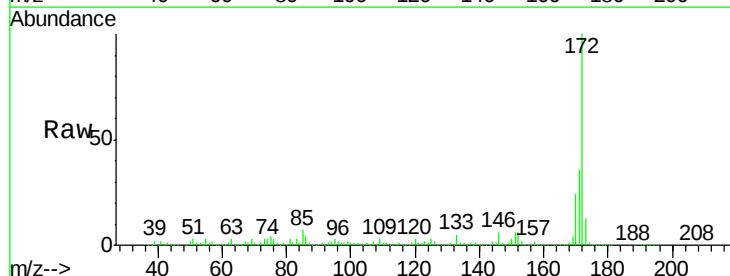
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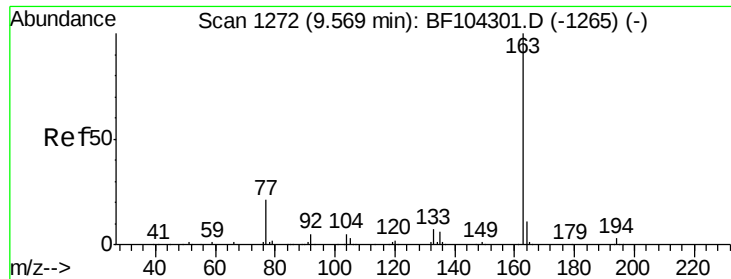
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#44
 2-Fluorobiphenyl
 Concen: 83.941 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF104320.D
 Acq: 6 Apr 2018 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1162847		
171	36.2	29.7	44.5	
170	24.3	19.6	29.4	





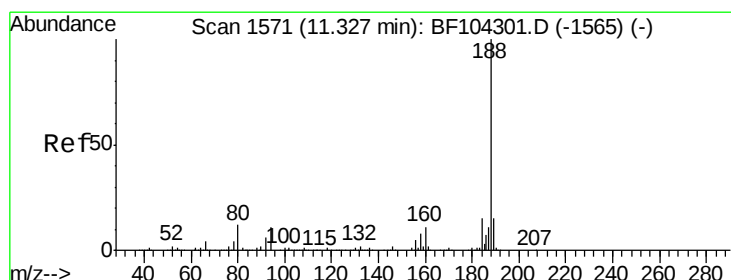
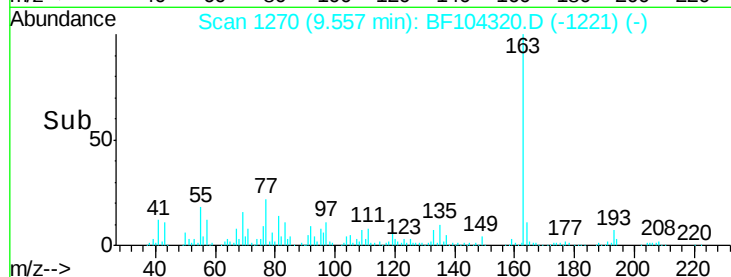
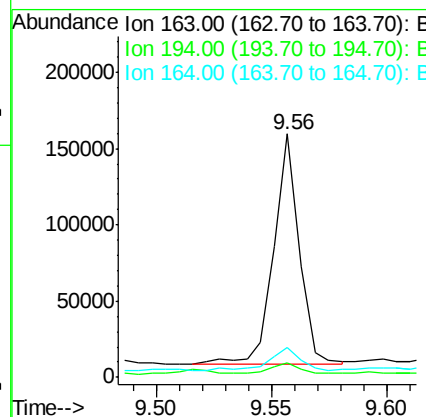
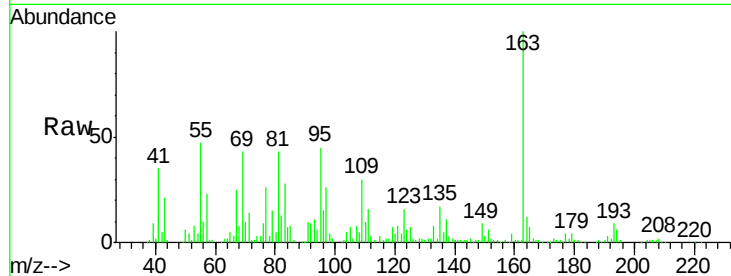
#49
Dimethylphthalate
Concen: 6.672 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF104320.D
Acq: 6 Apr 2018 21:56

Instrument :
BNA_F
ClientSampleId :
CV-RB26667RT

Tot Ion	Ratio	Resp	Lower	Upper
163	100	115145		
194	6.1	2.7	4.1#	
164	12.0	8.2	12.2	

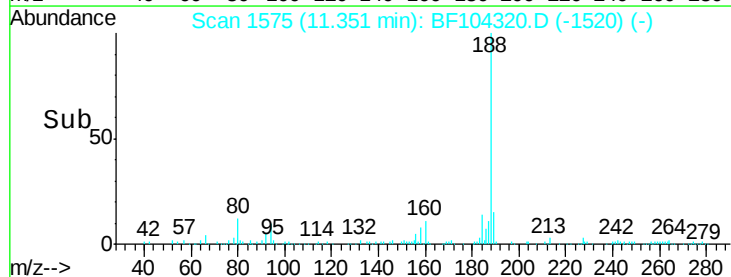
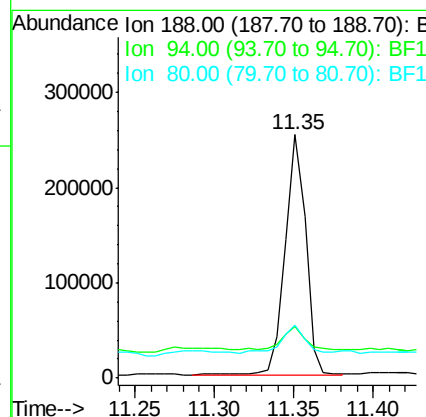
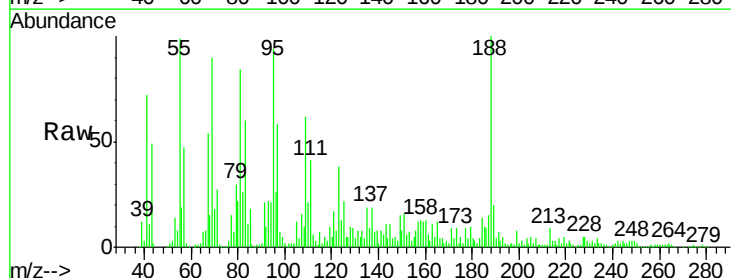
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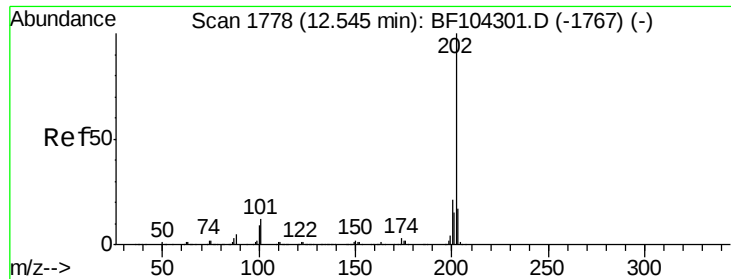
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.02 min
Lab File: BF104320.D
Acq: 6 Apr 2018 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	226230		
94	21.1	8.5	12.7#	
80	21.5	9.2	13.8#	





#74

Fluoranthene

Concen: 5.122 ng

RT: 12.57 min Scan# 1782

Delta R.T. 0.02 min

Lab File: BF104320.D

Acq: 6 Apr 2018 21:56

Instrument :

BNA_F

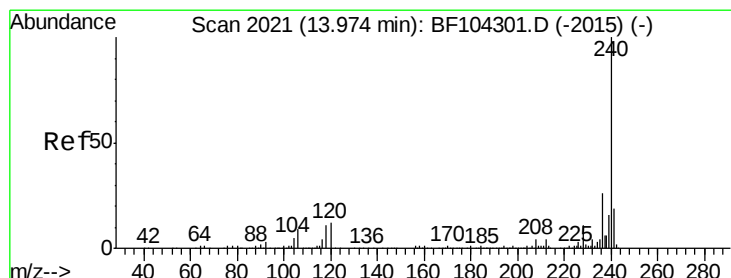
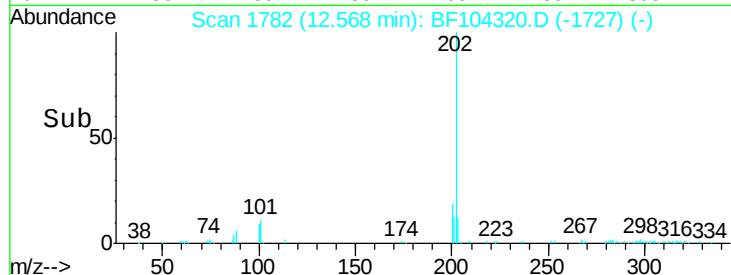
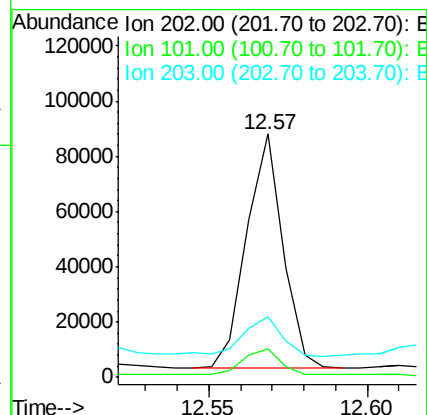
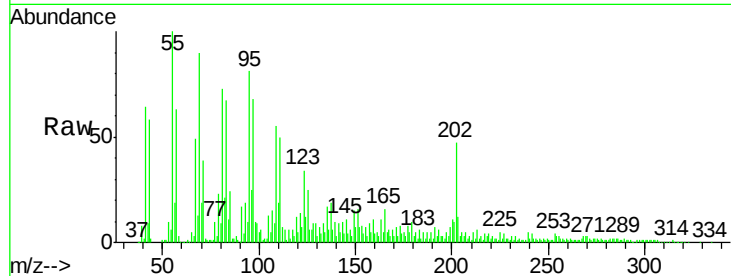
ClientSampleId :

CV-RB26667RT

Tot Ion:	202	Resp:	67417
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	34.1
203	24.7	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

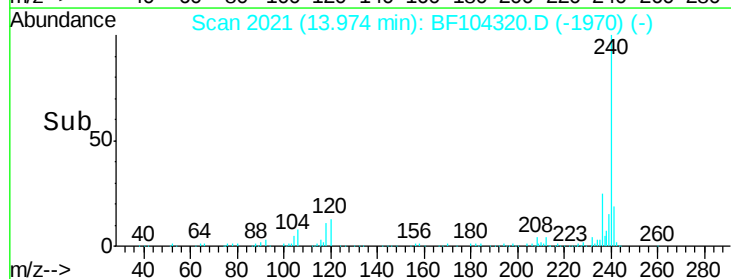
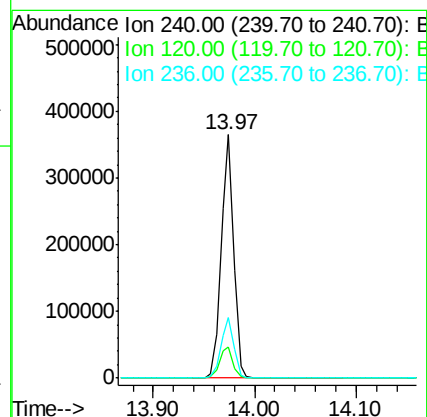
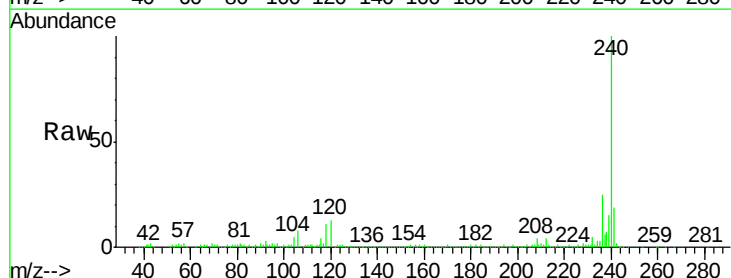
RT: 13.97 min Scan# 2021

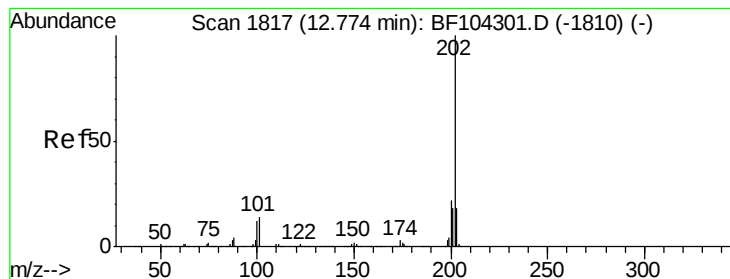
Delta R.T. -0.00 min

Lab File: BF104320.D

Acq: 6 Apr 2018 21:56

Tgt Ion:	240	Resp:	311228
Ion Ratio	Lower	Upper	
240	100		
120	13.0	9.5	14.3
236	25.1	20.7	31.1





#77

Pvrene

Concen: 3.329 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.02 min

Lab File: BF104320.D

Acq: 6 Apr 2018 21:56

Instrument :

BNA_F

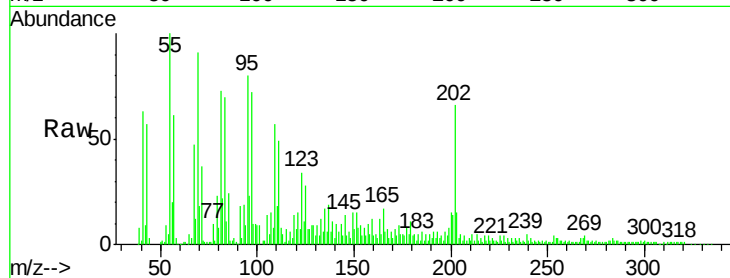
ClientSampleId :

CV-RB26667RT

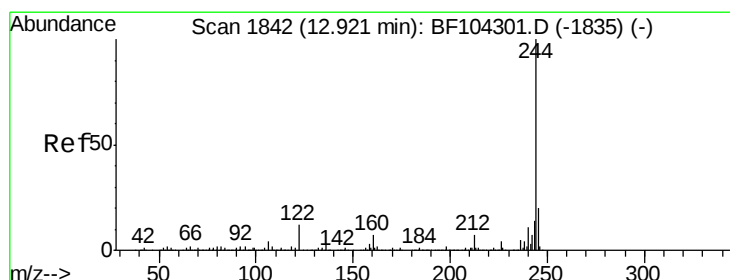
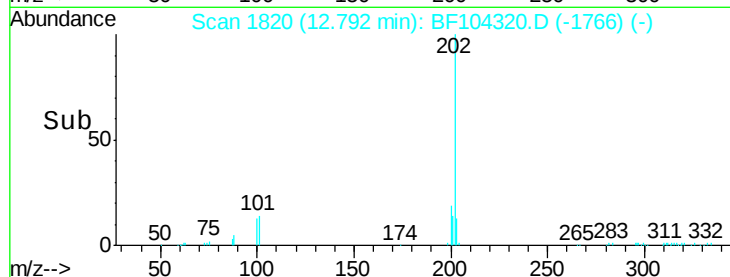
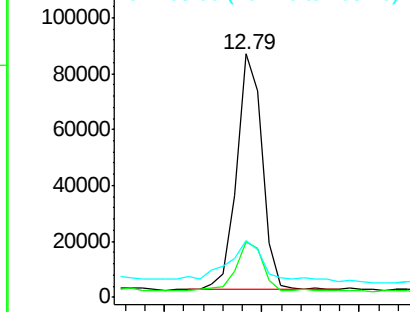
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.4	26.2
203	23.4	14.3	21.5

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 52.991 ng

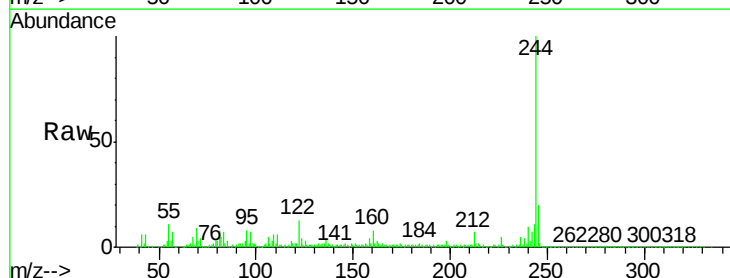
RT: 12.93 min Scan# 1844

Delta R.T. 0.01 min

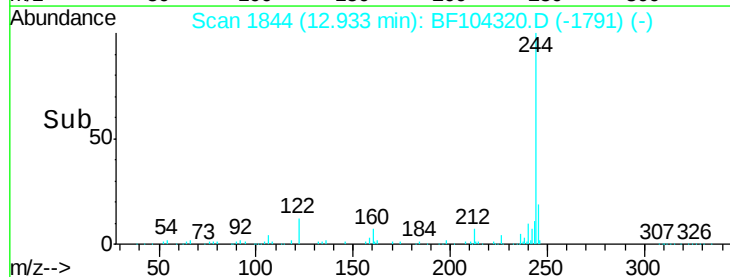
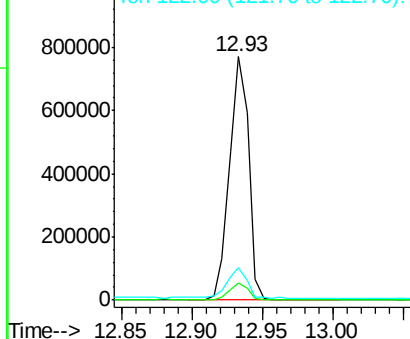
Lab File: BF104320.D

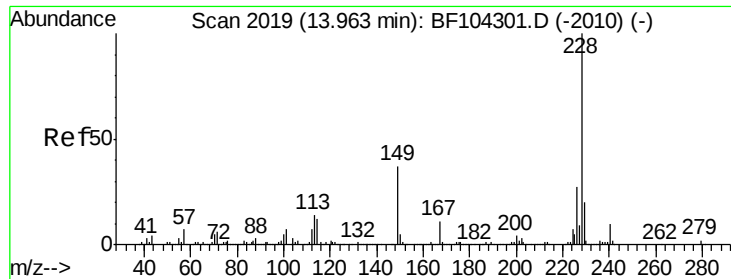
Acq: 6 Apr 2018 21:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.0
122	13.4	11.0	16.4



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





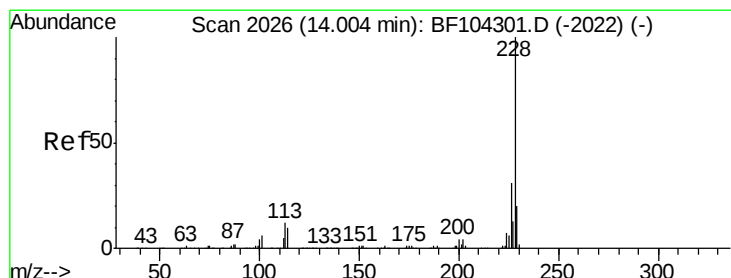
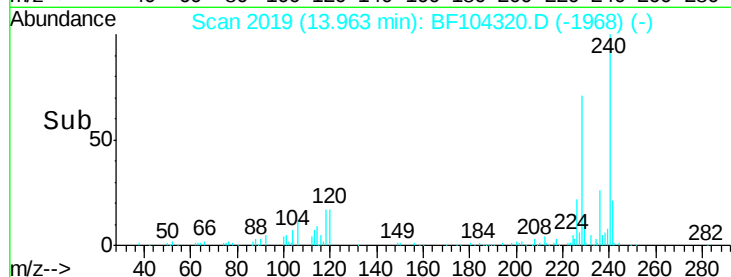
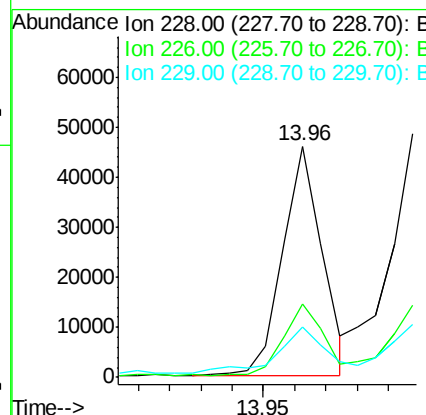
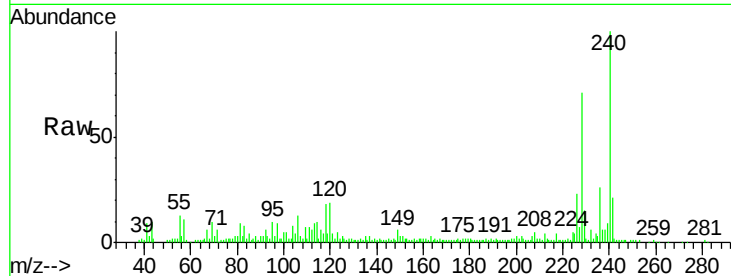
#80
Benzo(a)anthracene
Concen: 2.178 ng m
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF104320.D
Acq: 6 Apr 2018 21:56

Instrument :
BNA_F
ClientSampleId :
CV-RB26667RT

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.6	33.8
229	21.7	15.8	23.6

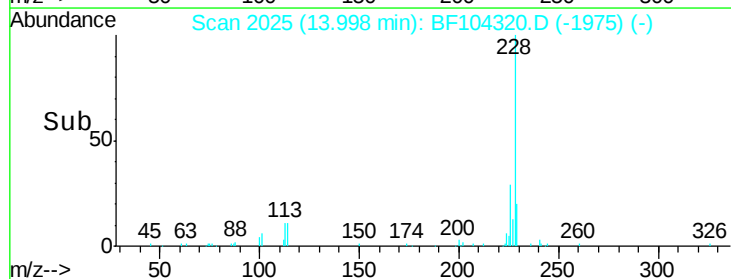
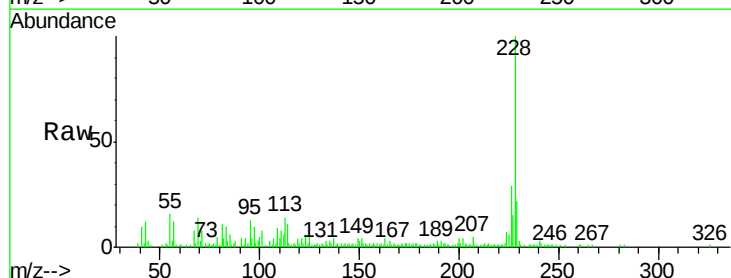
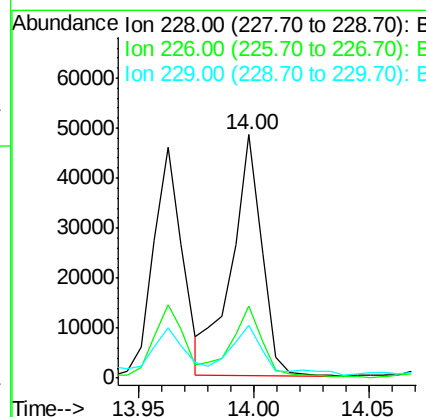
Manual Integrations
APPROVED

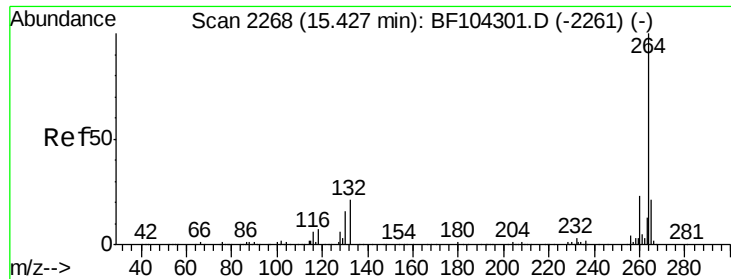
Sohil
4/9/2018 11:18:34 AM



#82
Chrysene
Concen: 2.333 ng m
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF104320.D
Acq: 6 Apr 2018 21:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.0	37.6
229	21.6	16.2	24.4





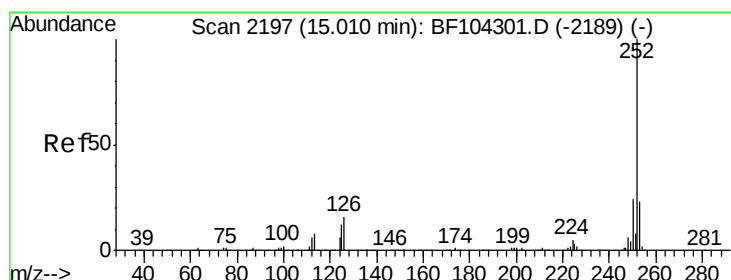
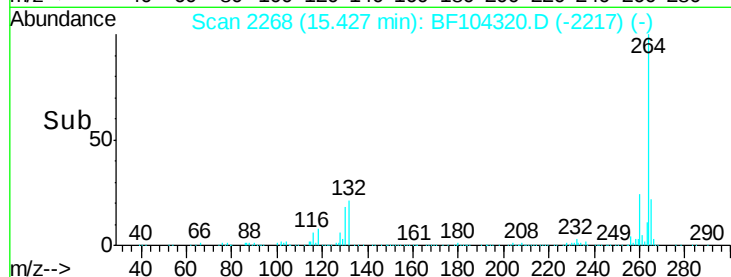
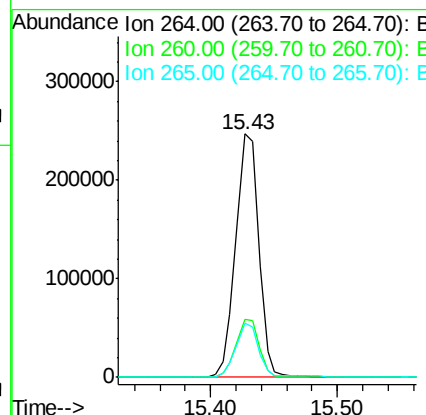
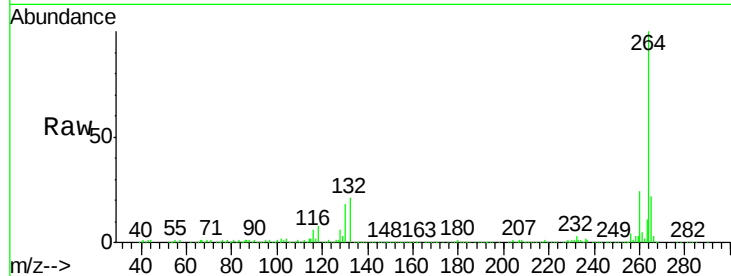
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.00 min
Lab File: BF104320.D
Acq: 6 Apr 2018 21:56

Instrument :
BNA_F
ClientSampleId :
CV-RB26667RT

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.3	17.5	26.3

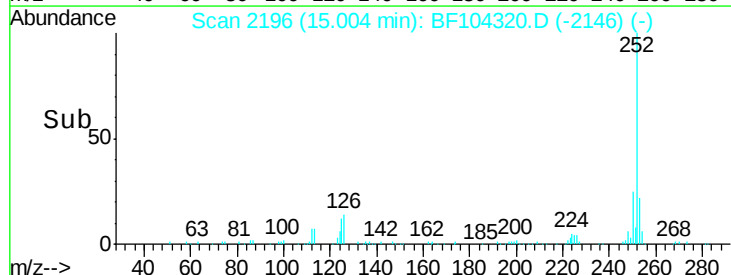
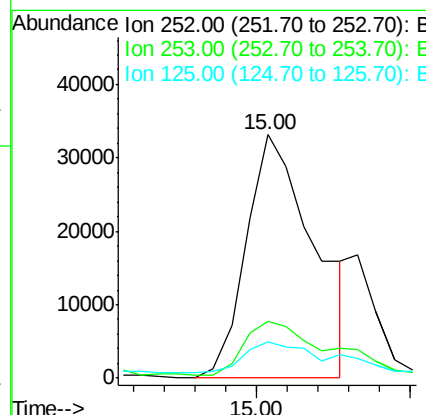
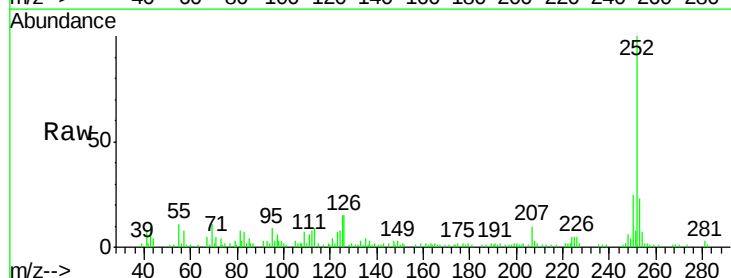
Manual Integrations
APPROVED

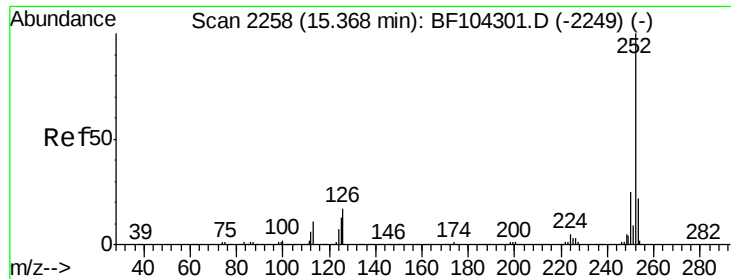
Sohil
4/9/2018 11:18:34 AM



#87
Benzo(b)fluoranthene
Concen: 2.599 ng m
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF104320.D
Acq: 6 Apr 2018 21:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	14.7	9.0	13.6#





#89
 Benzo(a)pyrene
 Concen: 2.025 ng
 RT: 15.36 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BF104320.D
 Acq: 6 Apr 2018 21:56

Instrument :
 BNA_F
 ClientSampleId :
 CV-RB26667RT

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.4	17.1	25.7
125	16.1	9.8	14.6

Manual Integrations
 APPROVED

Sohil
 4/9/2018 11:18:34 AM

