

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
 Data File : BP001069.D
 Acq On : 19 Nov 2019 00:41
 Operator : JU
 Sample : K5865-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 3-(12-14)

Manual Integrations
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 11/19/2019 2:46:51 PM

Quant Time: Nov 19 04:54:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	174667	20.00	ng	-0.01
21) Naphthalene-d8	10.39	136	657628	20.00	ng	-0.02
39) Acenaphthene-d10	13.25	164	413644	20.00	ng	-0.02
64) Phenanthrene-d10	15.65	188	878273	20.00	ng	0.00
76) Chrysene-d12	19.29	240	763791	20.00	ng	-0.01
87) Perylene-d12	21.07	264	759775	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	802910	83.67	ng	0.00
7) Phenol-d6	7.81	99	1122359	92.49	ng	0.00
23) Nitrobenzene-d5	9.24	82	707458	59.51	ng	-0.02
42) 2,4,6-Tribromophenol	14.55	330	440048	89.12	ng	-0.01
45) 2-Fluorobiphenyl	12.17	172	1696896	61.78	ng	-0.02
79) Terphenyl-d14	17.93	244	2585079	67.32	ng	0.00
Target Compounds						
10) Phenol	7.82	94	66577	5.016	ng	92
50) Dimethylphthalate	12.83	163	111520	3.646	ng	100
71) Phenanthrene	15.68	178	468597	10.425	ng	100
75) Fluoranthene	17.39	202	316400	6.227	ng	97
78) Pyrene	17.70	202	531928	9.855	ng	98
81) Benzo(a)anthracene	19.27	228	206748	4.019	ng	98
83) Chrysene	19.32	228	218796	4.845	ng	98
88) Benzo(b)fluoranthene	20.57	252	126874m	2.801	ng	
90) Benzo(a)pyrene	20.99	252	105045	2.522	ng	97

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

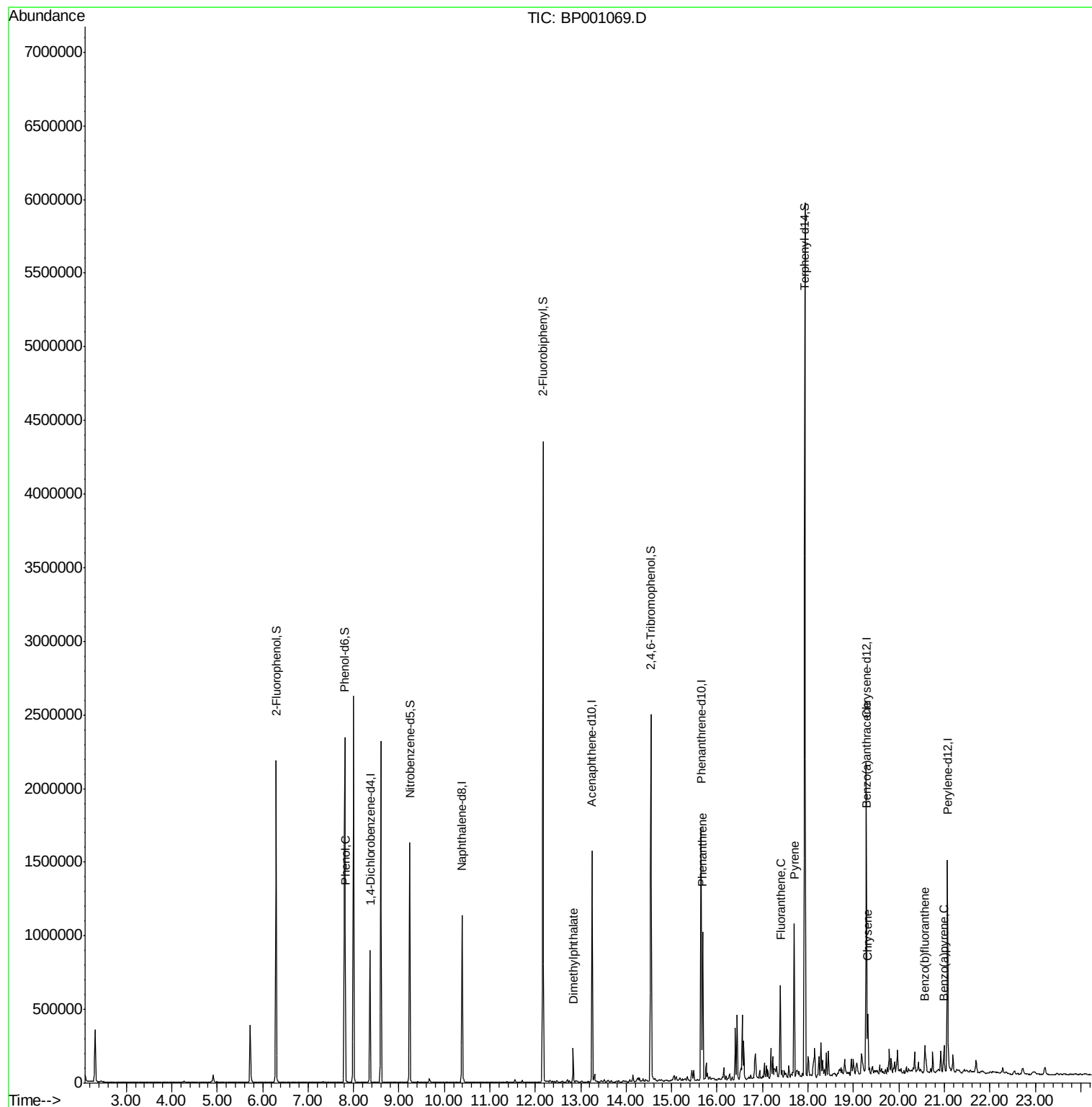
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
Data File : BP001069.D
Acq On : 19 Nov 2019 00:41
Operator : JU
Sample : K5865-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

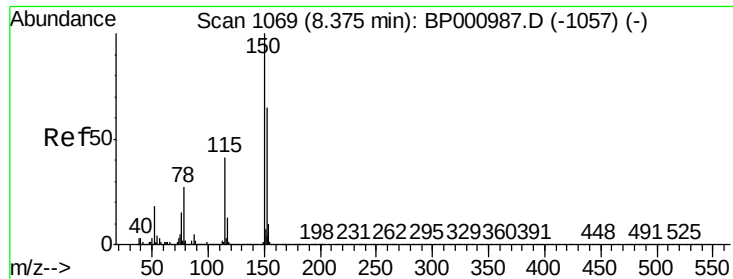
Instrument :
BNA_P
ClientSampleId :
3-(12-14)

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Quant Time: Nov 19 04:54:09 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.36 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BP001069.D

Acq: 19 Nov 2019 00:41

Instrument :

BNA_P

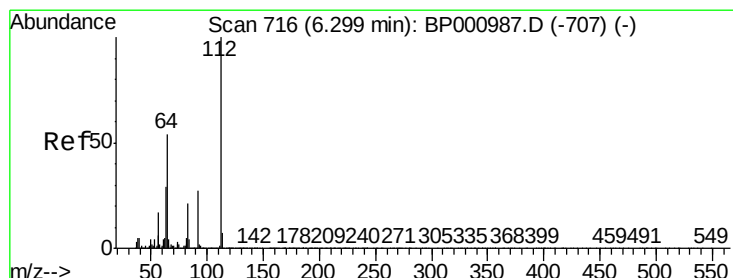
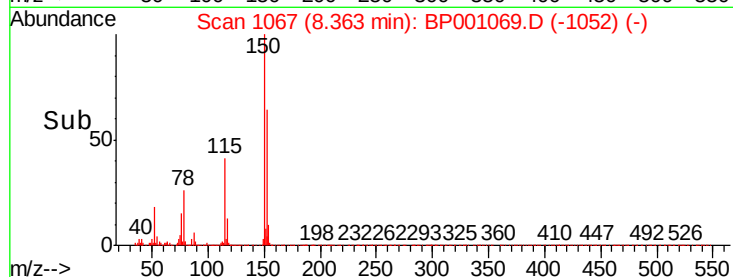
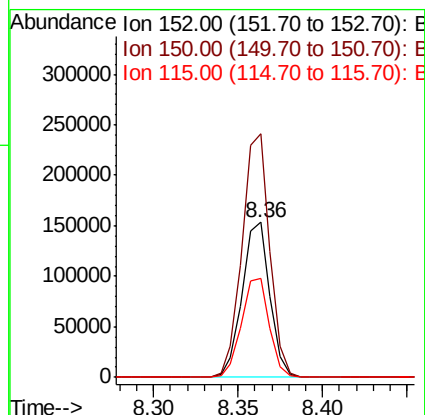
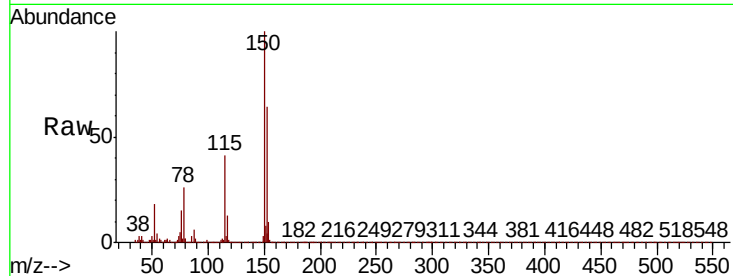
ClientSampleId :

3-(12-14)

Tot Ion:	152	Resp:	174667
Ion Ratio	Lower	Upper	
152	100		
150	157.0	123.6	185.4
115	64.0	50.1	75.1

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#5

2-Fluorophenol

Concen: 83.670 ng

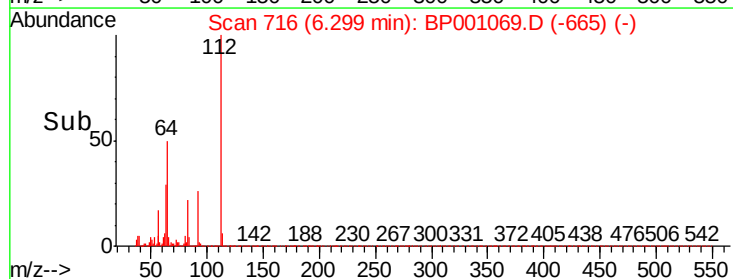
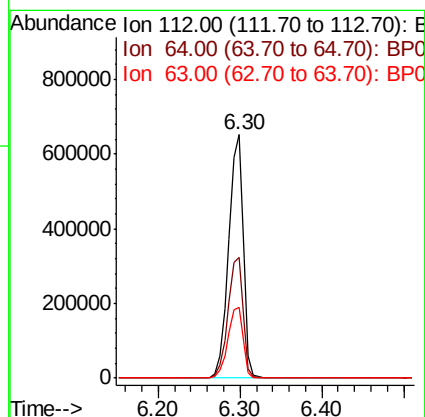
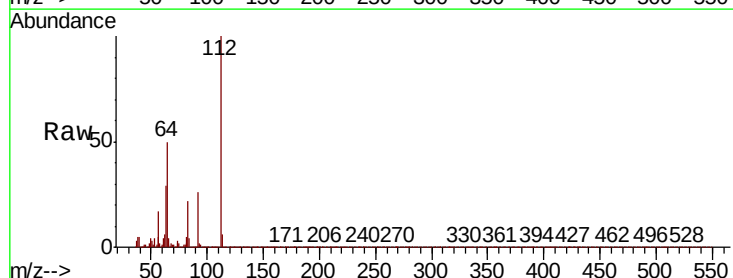
RT: 6.30 min Scan# 716

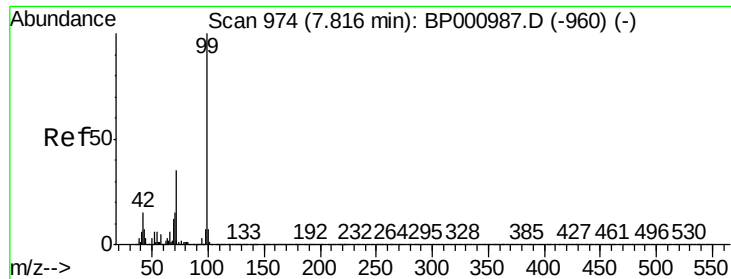
Delta R.T. -0.00 min

Lab File: BP001069.D

Acq: 19 Nov 2019 00:41

Tgt Ion:	112	Resp:	802910
Ion Ratio	Lower	Upper	
112	100		
64	49.6	43.4	65.0
63	28.8	23.4	35.0





#7

Phenol-d6

Concen: 92.490 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BP001069.D

Acq: 19 Nov 2019 00:41

Instrument :

BNA_P

ClientSampleId :

3-(12-14)

Tot Ion: 99 Resp: 1122359

Ion Ratio Lower Upper

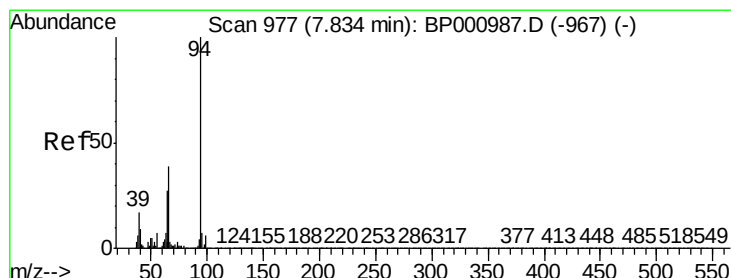
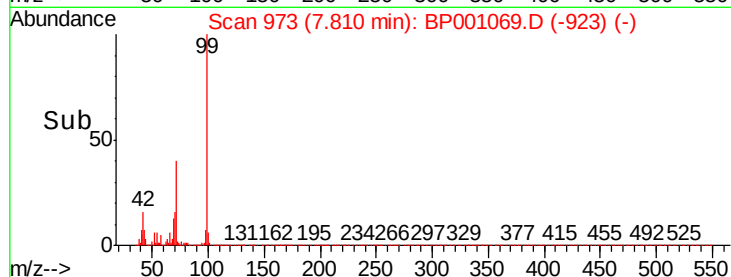
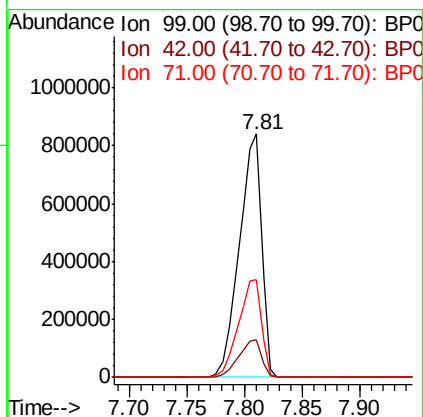
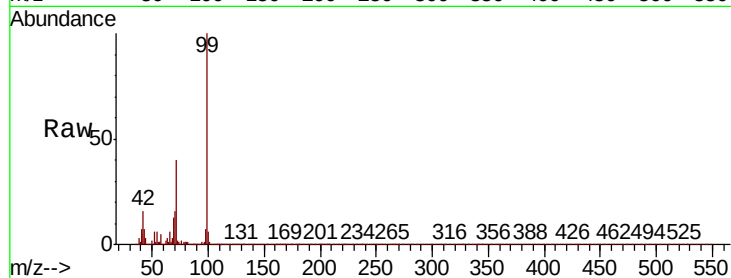
99 100

42 15.5 11.6 17.4

71 40.3 28.0 42.0

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#10

Phenol

Concen: 5.016 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BP001069.D

Acq: 19 Nov 2019 00:41

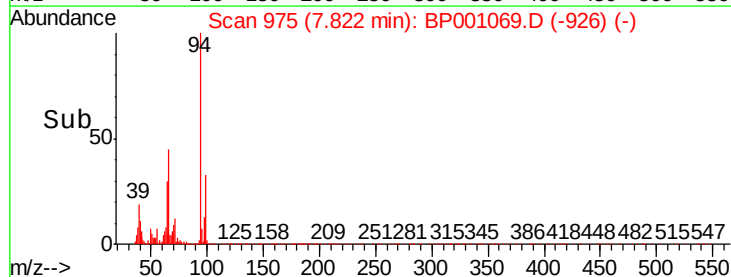
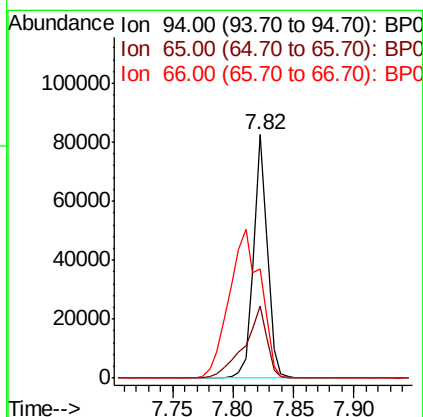
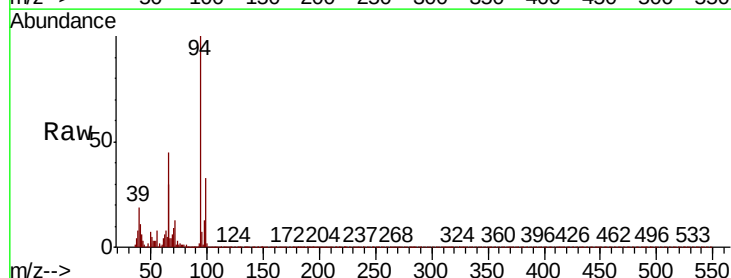
Tgt Ion: 94 Resp: 66577

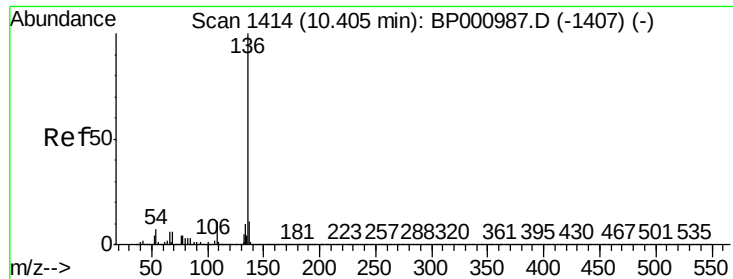
Ion Ratio Lower Upper

94 100

65 29.7 6.7 46.7

66 44.7 18.6 58.6





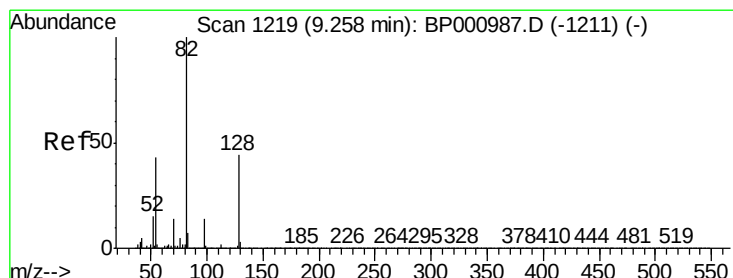
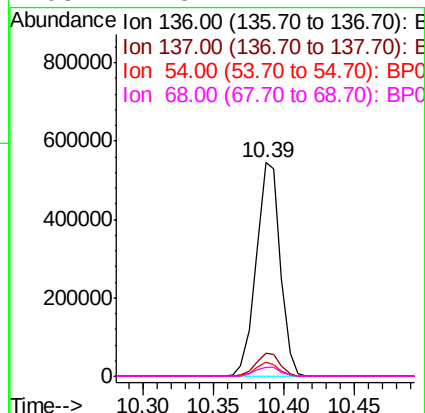
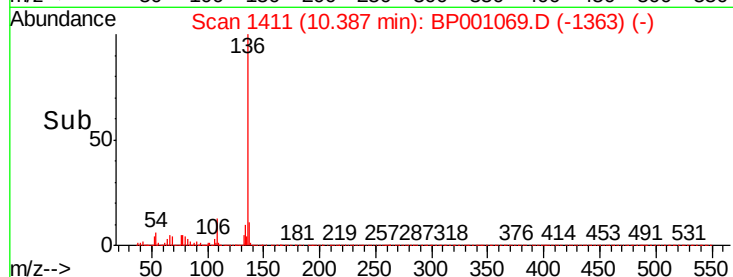
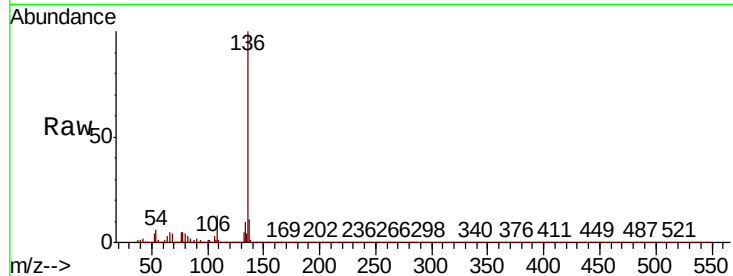
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BP001069.D
Acq: 19 Nov 2019 00:41

Instrument :
BNA_P
ClientSampleId :
3-(12-14)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		657628		
137	10.8	9.0	13.6		
54	6.4	5.4	8.2		
68	4.3	4.7	7.1#		

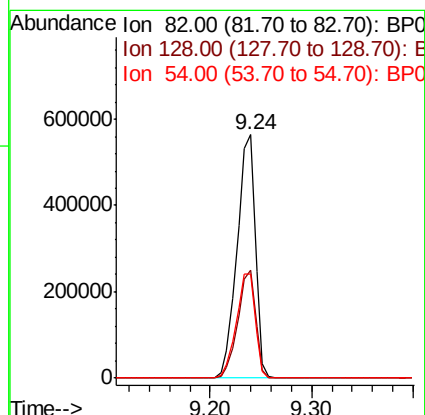
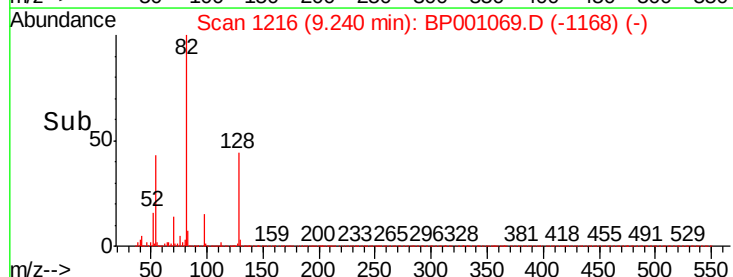
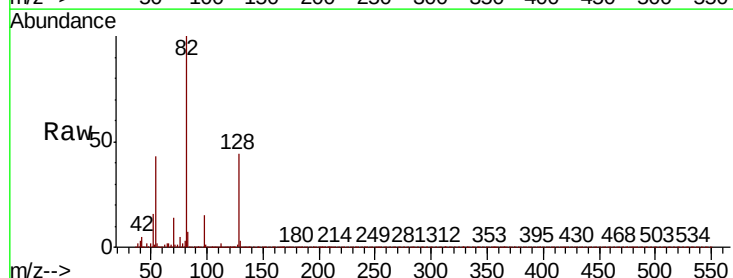
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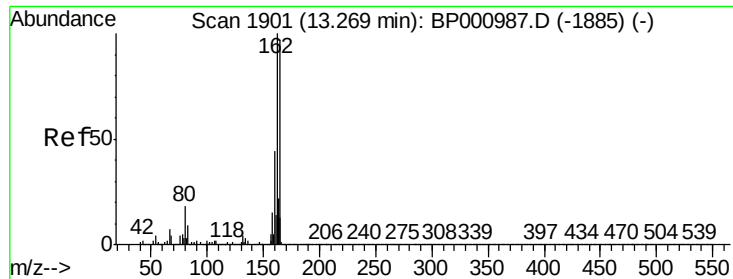
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#23
Nitrobenzene-d5
Concen: 59.508 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BP001069.D
Acq: 19 Nov 2019 00:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		707458		
128	44.3	35.3	52.9		
54	43.0	34.3	51.5		





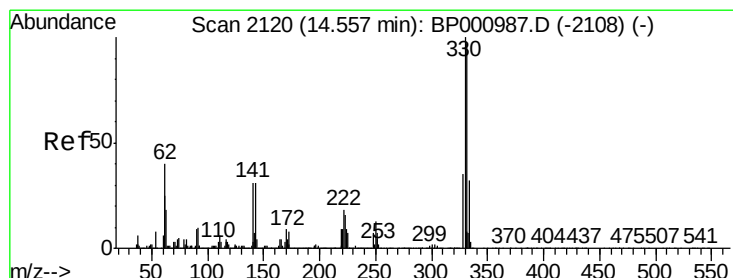
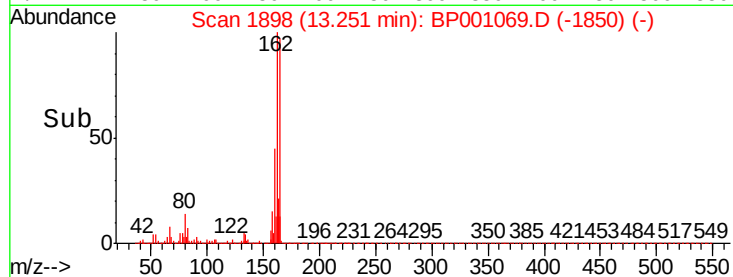
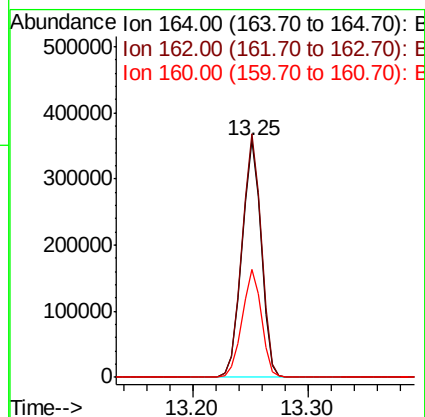
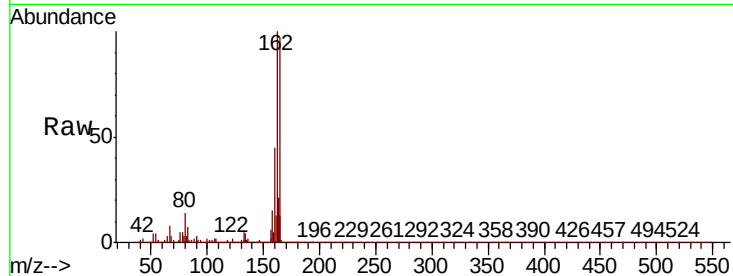
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BP001069.D
Acq: 19 Nov 2019 00:41

Instrument :
BNA_P
ClientSampled :
3-(12-14)

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.9	82.6	123.8
160	45.8	36.5	54.7

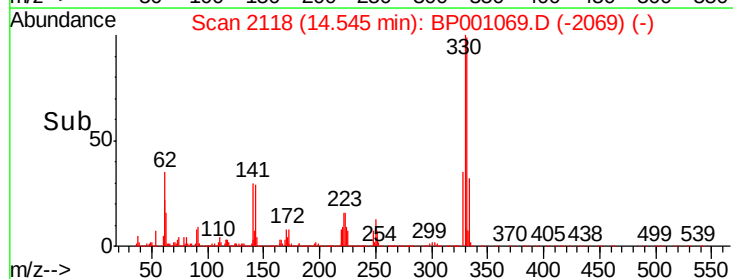
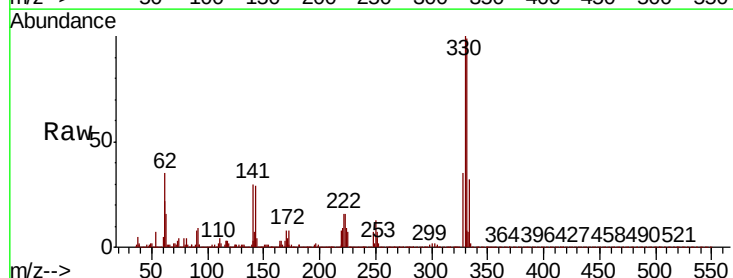
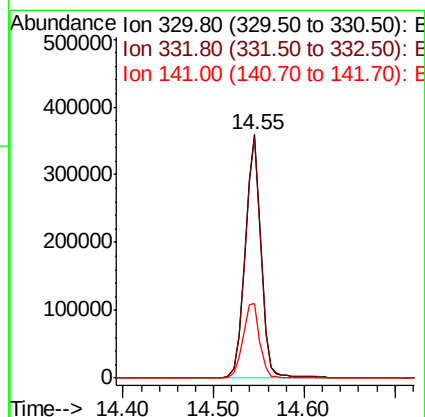
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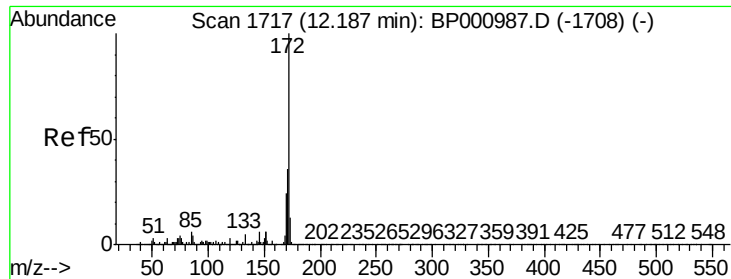
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#42
2,4,6-Tribromophenol
Concen: 89.115 ng
RT: 14.55 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BP001069.D
Acq: 19 Nov 2019 00:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.2	78.3	117.5
141	32.5	25.0	37.4





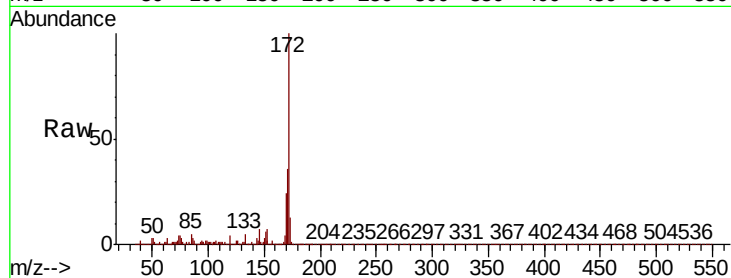
#45
2-Fluorobiphenyl
Concen: 61.785 ng
RT: 12.17 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BP001069.D
Acq: 19 Nov 2019 00:41

Instrument :
BNA_P
ClientSampleId :
3-(12-14)

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.5	42.7
170	23.6	18.9	28.3

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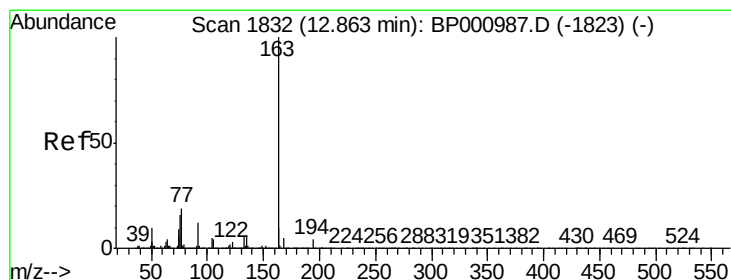
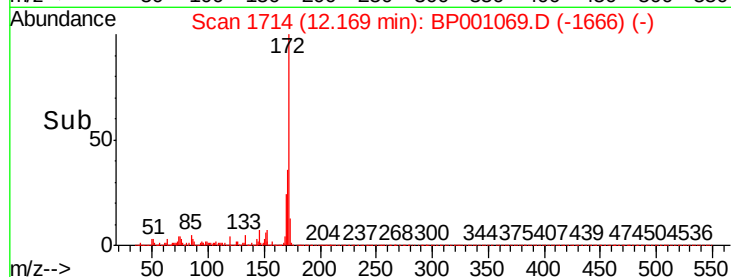
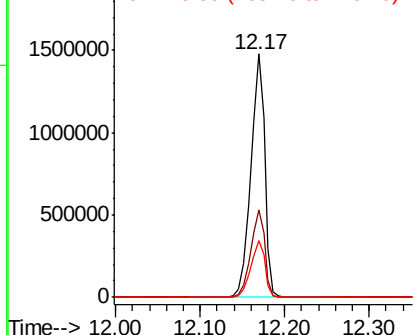


Abundance

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



#50
Dimethylphthalate
Concen: 3.646 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BP001069.D
Acq: 19 Nov 2019 00:41

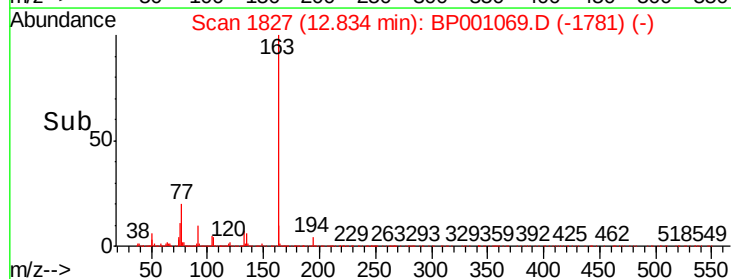
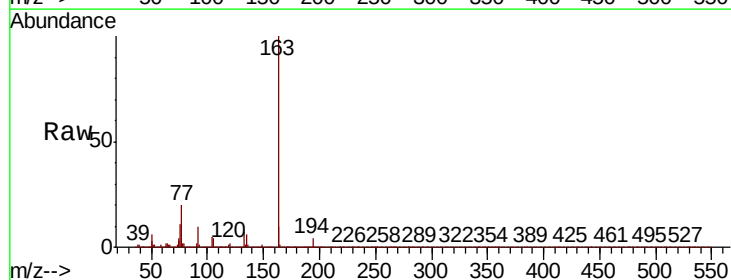
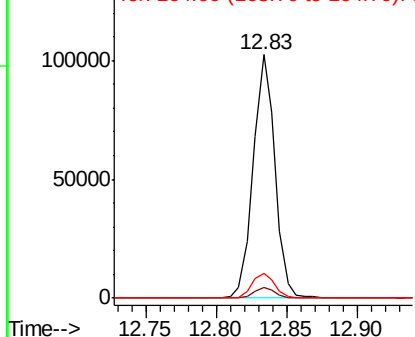
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.0	7.9	11.9

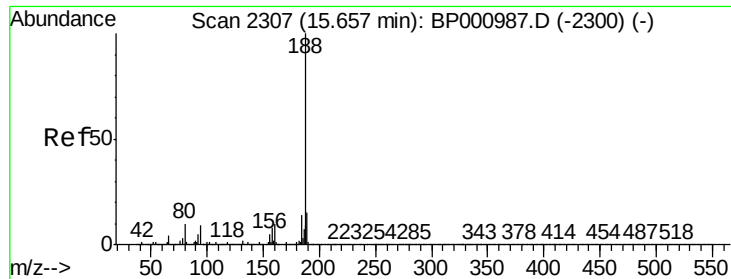
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.65 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BP001069.D

Acq: 19 Nov 2019 00:41

Instrument :

BNA_P

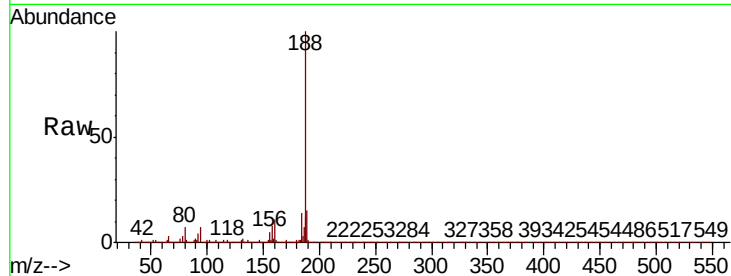
ClientSampleId :

3-(12-14)

Tot Ion:	188	Resp:	878273
Ion Ratio	Lower	Upper	
188	100		
94	6.8	7.4	11.2#
80	6.9	7.9	11.9#

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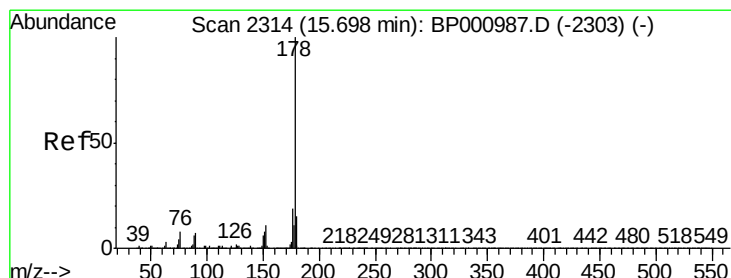
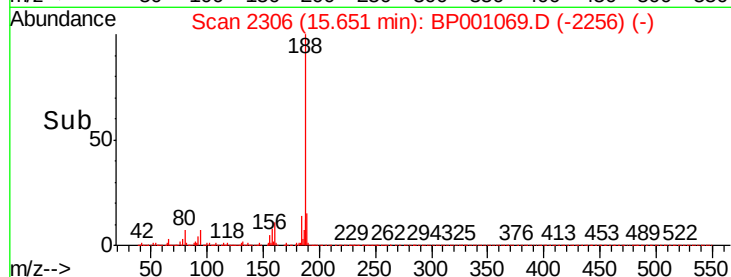
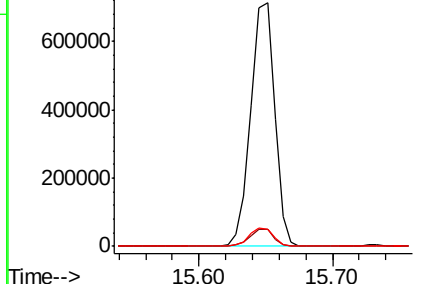
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#71

Phenanthrene

Concen: 10.425 ng

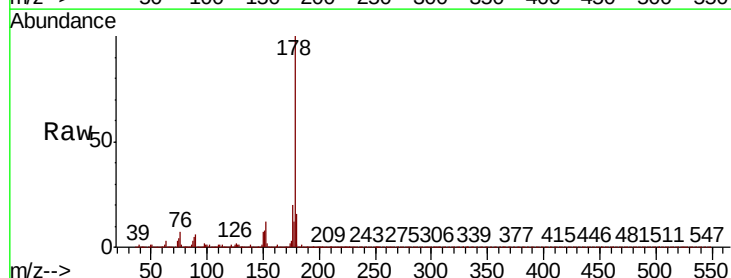
RT: 15.68 min Scan# 2311

Delta R.T. -0.02 min

Lab File: BP001069.D

Acq: 19 Nov 2019 00:41

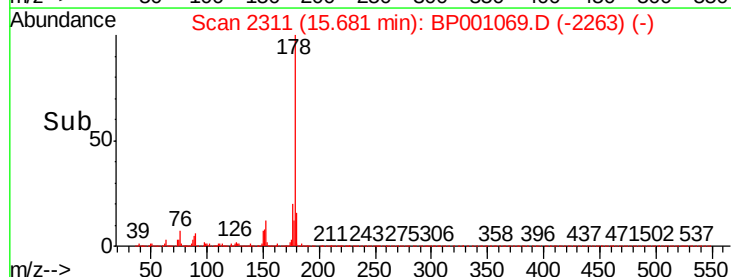
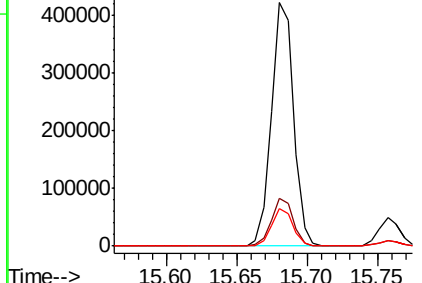
Tgt Ion:	178	Resp:	468597
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.5	23.3
179	15.6	12.3	18.5

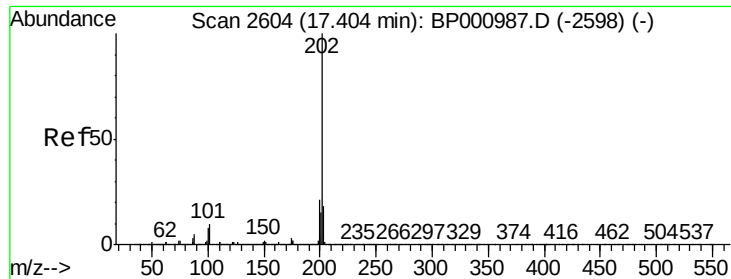


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 6.227 ng

RT: 17.39 min Scan# 2602

Delta R.T. -0.01 min

Lab File: BP001069.D

Acq: 19 Nov 2019 00:41

Instrument :

BNA_P

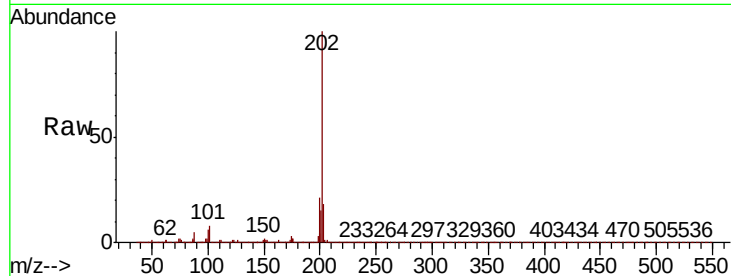
ClientSampleId :

3-(12-14)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		316400		
101	7.8	0.0	30.1		
203	17.5	0.0	37.7		

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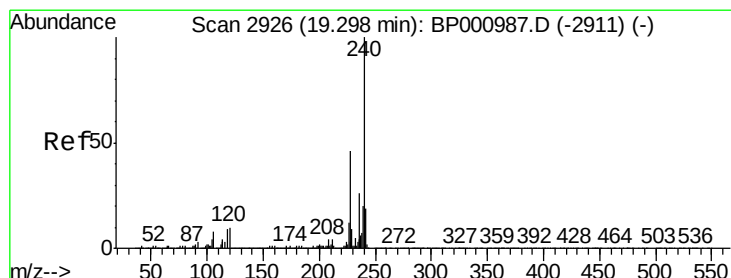
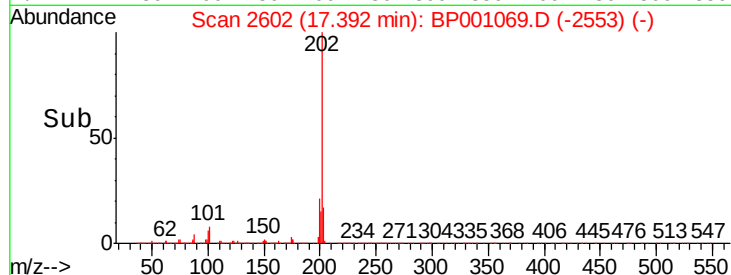
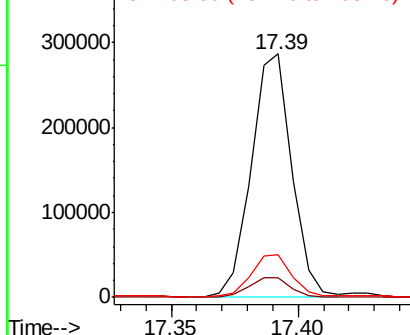


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

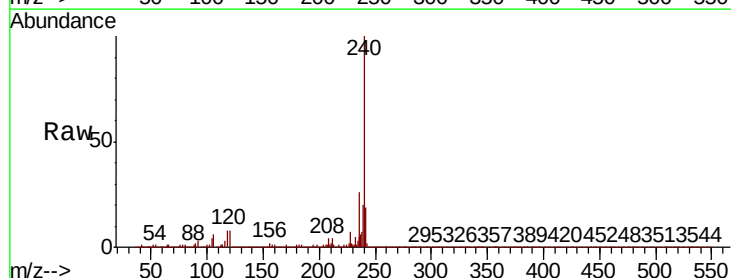
RT: 19.29 min Scan# 2924

Delta R.T. -0.01 min

Lab File: BP001069.D

Acq: 19 Nov 2019 00:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		763791		
120	8.3	8.2	12.2		
236	26.2	20.5	30.7		

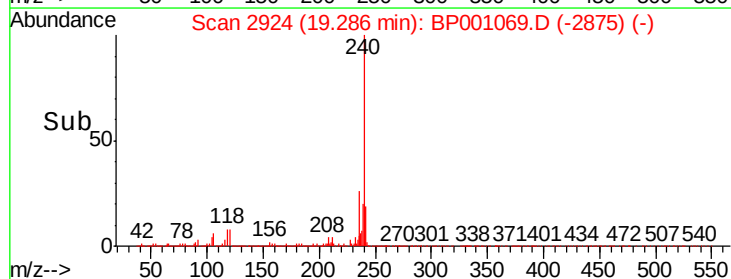
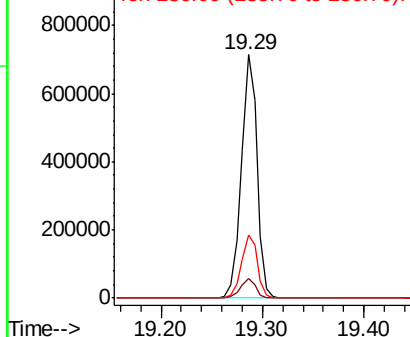


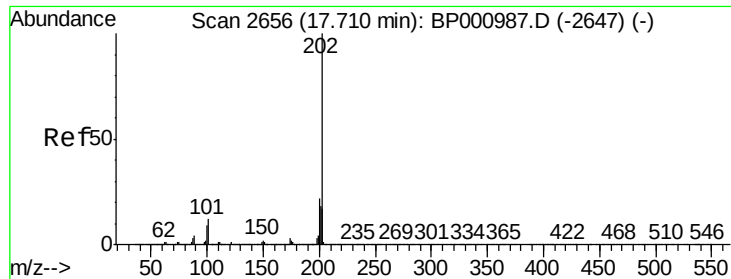
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





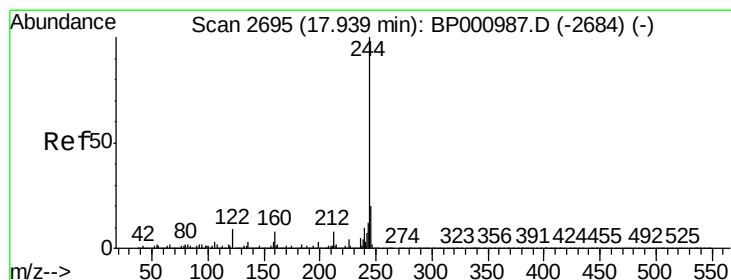
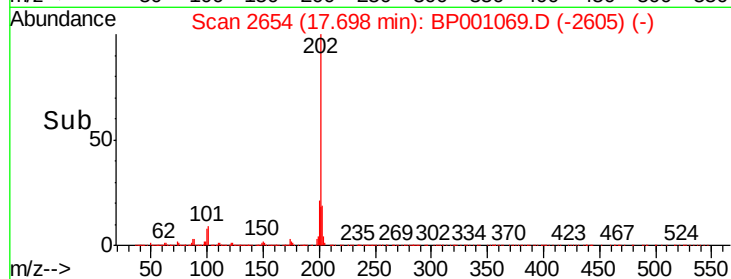
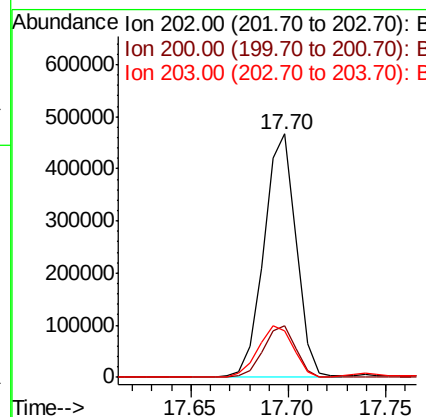
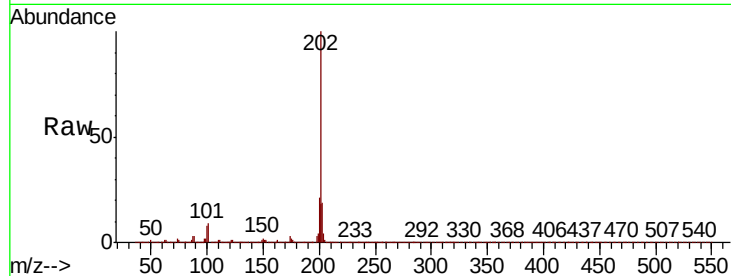
#78
Pvrene
Concen: 9.855 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.01 min
Lab File: BP001069.D
Acq: 19 Nov 2019 00:41

Instrument :
BNA_P
ClientSampleId :
3-(12-14)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	17.2	25.8
203	19.2	14.0	21.0

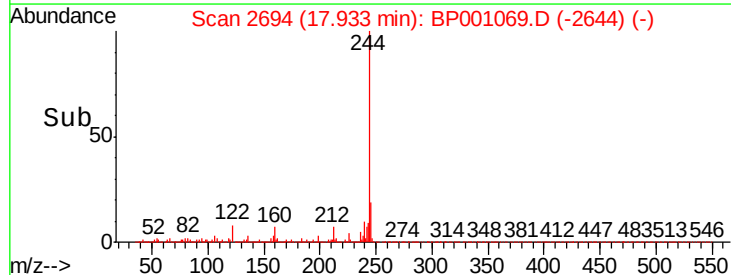
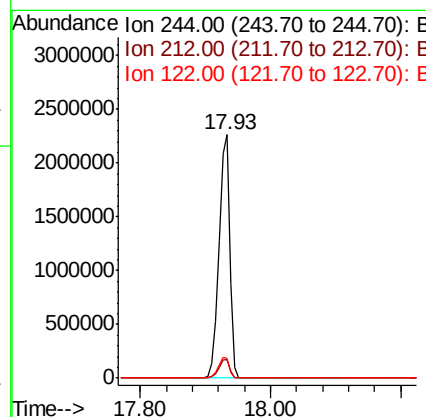
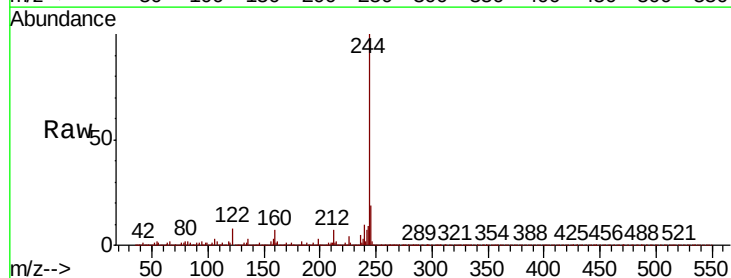
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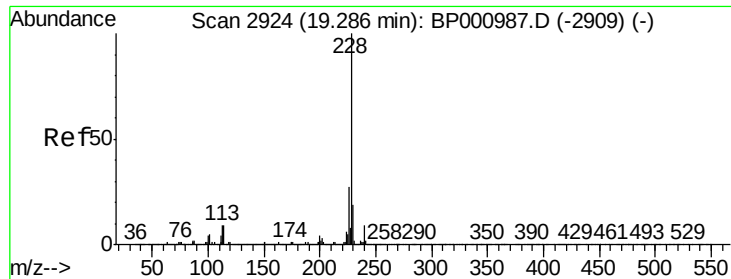
mohammad
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#79
Terphenyl-d14
Concen: 67.324 ng
RT: 17.93 min Scan# 2694
Delta R.T. -0.01 min
Lab File: BP001069.D
Acq: 19 Nov 2019 00:41

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	6.0	9.0
122	8.0	7.4	11.2





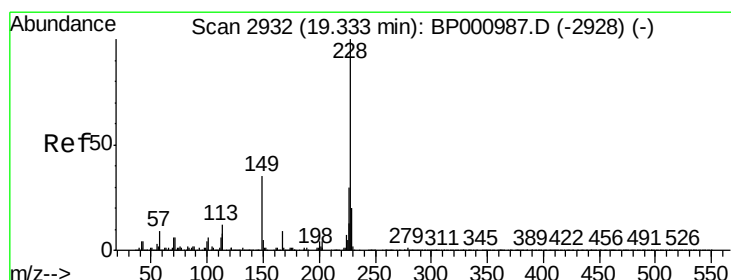
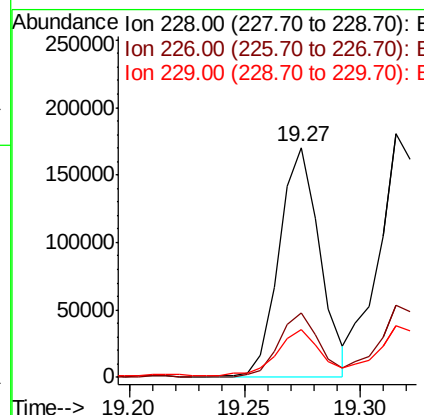
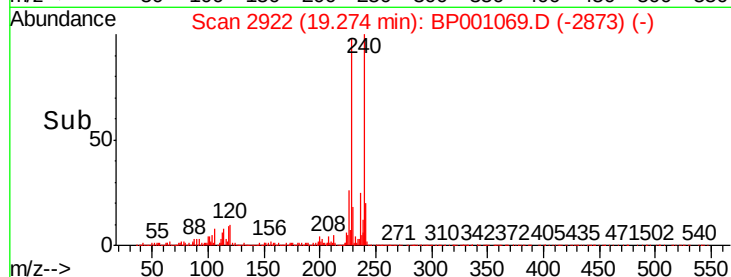
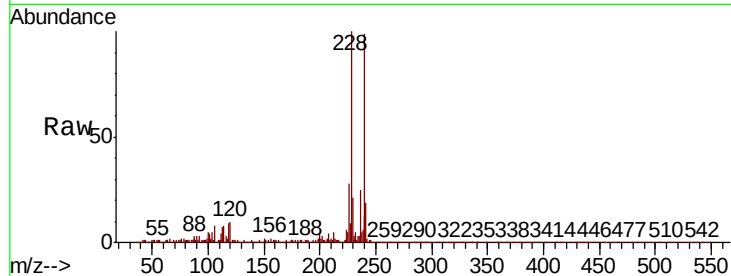
#81
Benzo(a)anthracene
Concen: 4.019 ng
RT: 19.27 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BP001069.D
Acq: 19 Nov 2019 00:41

Instrument :
BNA_P
ClientSampled :
3-(12-14)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		206748		
226	28.2	21.8	32.8		
229	20.6	15.6	23.4		

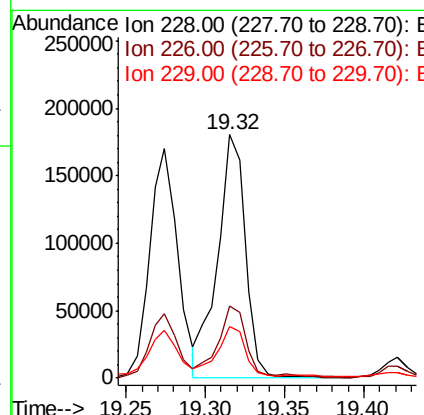
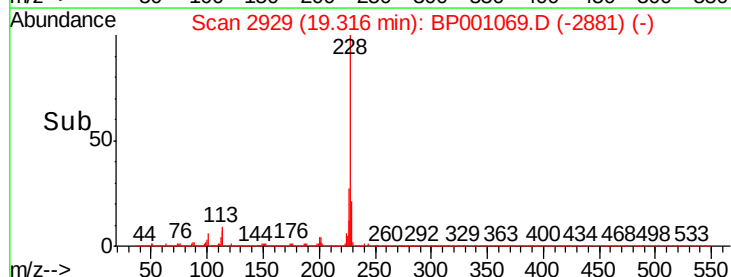
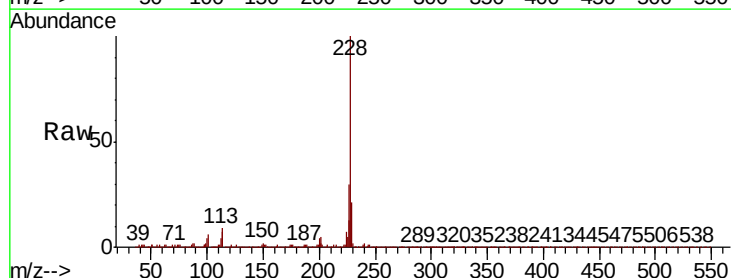
Manual Integrations
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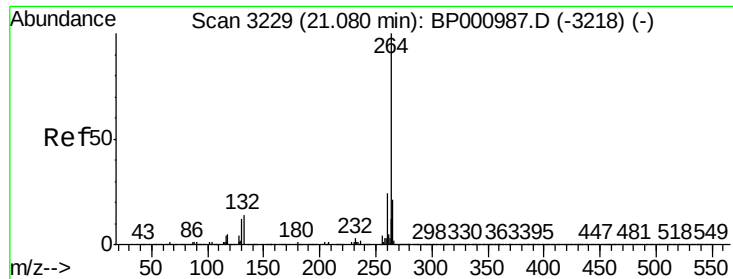
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#83
Chrysene
Concen: 4.845 ng
RT: 19.32 min Scan# 2929
Delta R.T. -0.02 min
Lab File: BP001069.D
Acq: 19 Nov 2019 00:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		218796		
226	29.8	24.2	36.2		
229	21.4	15.8	23.6		





#87

Pervlene-d12

Concen: 20.000 ng

RT: 21.07 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BP001069.D

Acq: 19 Nov 2019 00:41

Instrument :

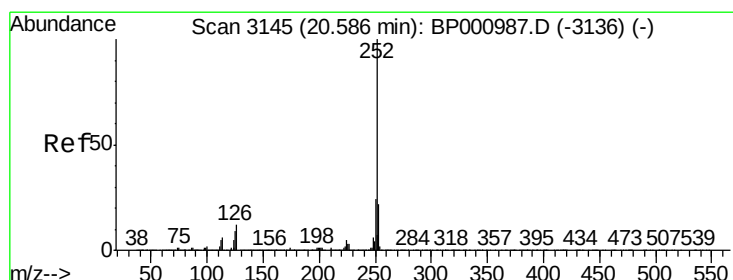
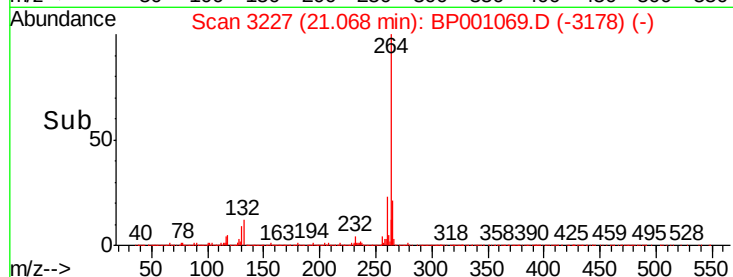
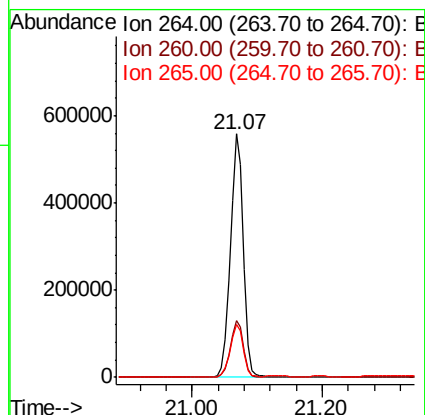
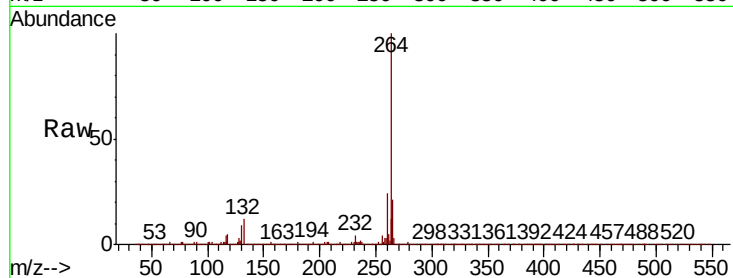
BNA_P

ClientSampled :
3-(12-14)

Tot Ion:	264	Resp:	759775
Ion Ratio	Lower	Upper	
264	100		
260	23.5	18.8	28.2
265	21.5	17.1	25.7

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#88

Benzo(b)fluoranthene

Concen: 2.801 ng m

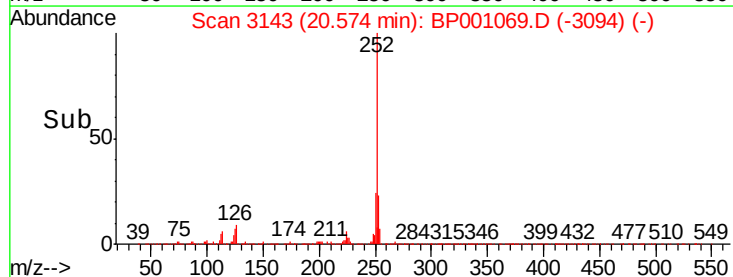
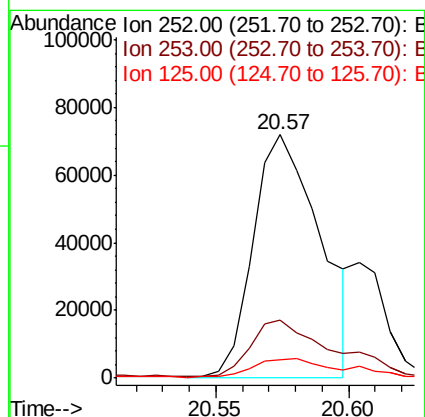
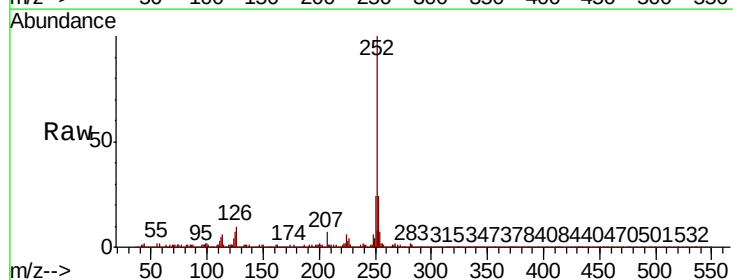
RT: 20.57 min Scan# 3143

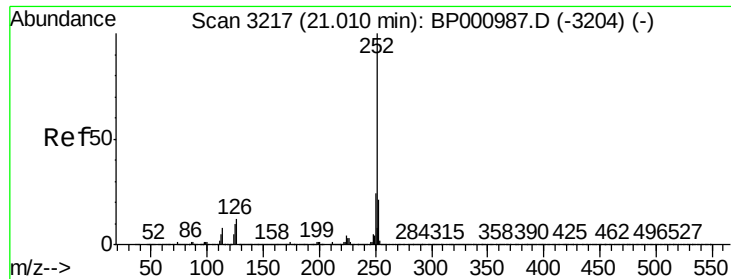
Delta R.T. -0.01 min

Lab File: BP001069.D

Acq: 19 Nov 2019 00:41

Tgt Ion:	252	Resp:	126874
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.9	26.9
125	7.3	7.3	10.9





#90
Benzo(a)pyrene
Concen: 2.522 ng
RT: 20.99 min Scan# 3214
Delta R.T. -0.02 min
Lab File: BP001069.D
Acq: 19 Nov 2019 00:41

Instrument :
BNA_P
ClientSampleId :
3-(12-14)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	7.7	7.6	11.4

Manual Integrations
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