

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001052.D
 Acq On : 15 Nov 2019 21:26
 Operator : JU
 Sample : K5832-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 6-(6-8)

Manual Integrations
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Quant Time: Nov 16 04:39:54 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	8.37	152	213842	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	784836	20.00	ng	-0.01
39) Acenaphthene-d10	13.25	164	456119	20.00	ng	-0.02
64) Phenanthrene-d10	15.65	188	923557	20.00	ng	-0.01
76) Chrysene-d12	19.28	240	789897	20.00	ng	-0.02
87) Perylene-d12	21.06	264	866863	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	1133886	96.51	ng	0.01
7) Phenol-d6	7.82	99	1459517	98.24	ng	0.00
23) Nitrobenzene-d5	9.24	82	921844	64.97	ng	-0.02
42) 2,4,6-Tribromophenol	14.55	330	623257	114.46	ng	-0.01
45) 2-Fluorobiphenyl	12.17	172	2064462	68.17	ng	-0.02
79) Terphenyl-d14	17.93	244	2765423	69.64	ng	-0.01
Target Compounds						
10) Phenol	7.83	94	45745	2.815	ng	90
50) Dimethylphthalate	12.83	163	345442	10.242	ng	98
71) Phenanthrene	15.68	178	114853	2.430	ng	99
75) Fluoranthene	17.39	202	206452	3.864	ng	97
78) Pyrene	17.69	202	244584	4.381	ng	100
83) Chrysene	19.31	228	94769	2.029	ng	98
88) Benzo(b)fluoranthene	20.57	252	106777m	2.066	ng	

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

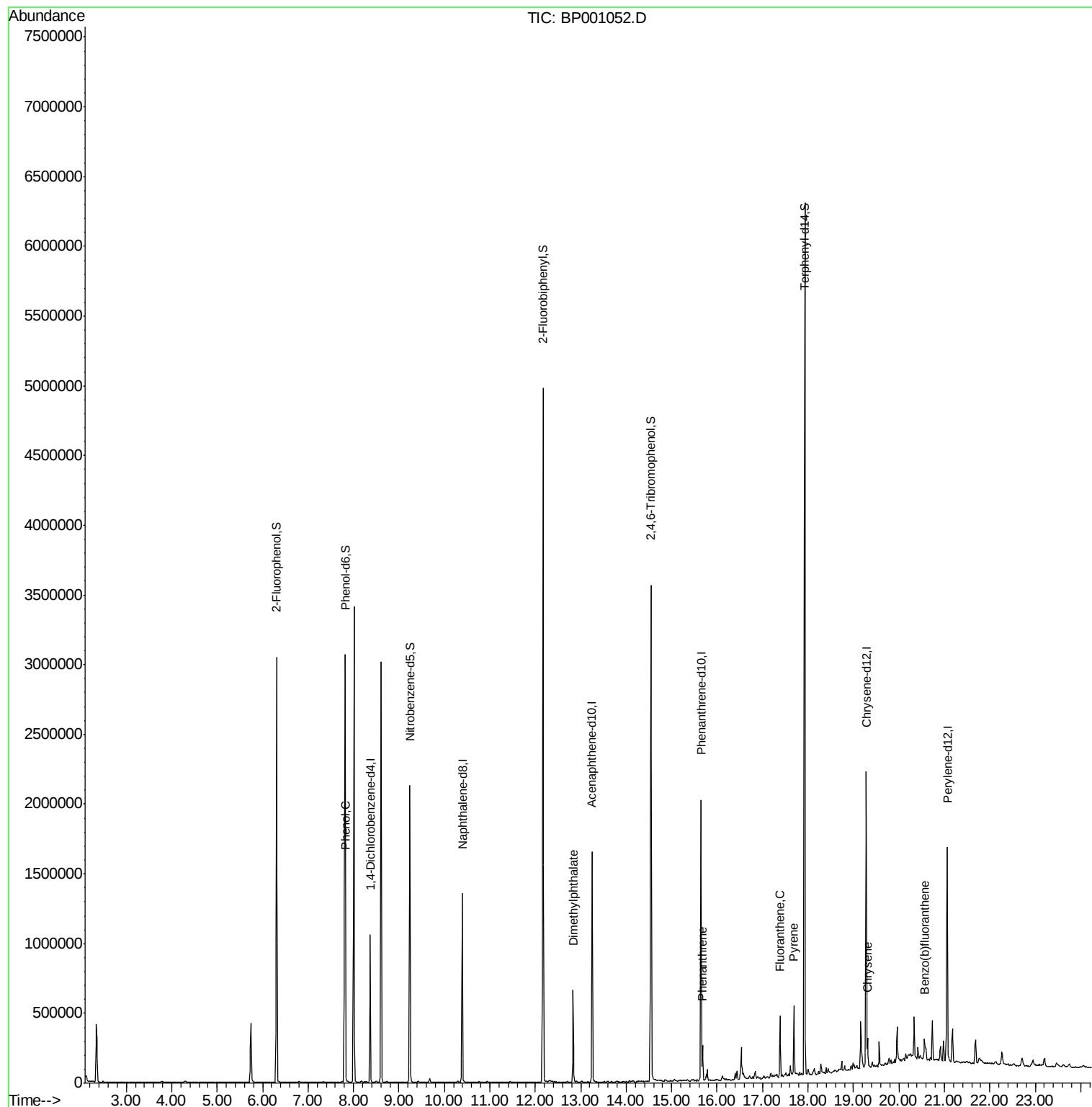
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001052.D
Acq On : 15 Nov 2019 21:26
Operator : JU
Sample : K5832-11
Misc :
ALS Vial : 15 Sample Multiplier: 1

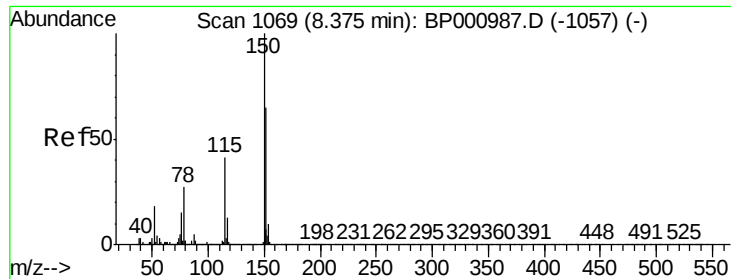
Instrument :
BNA_P
ClientSampleId :
6-(6-8)

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Quant Time: Nov 16 04:39:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
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QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BP001052.D

Acq: 15 Nov 2019 21:26

Instrument :

BNA_P

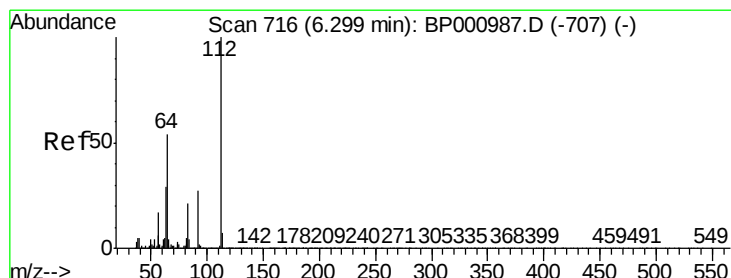
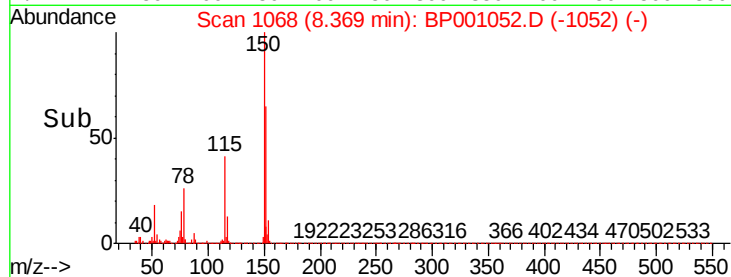
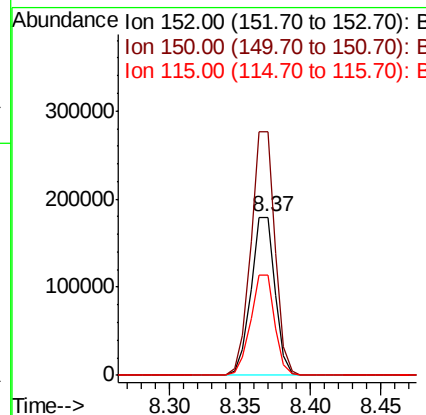
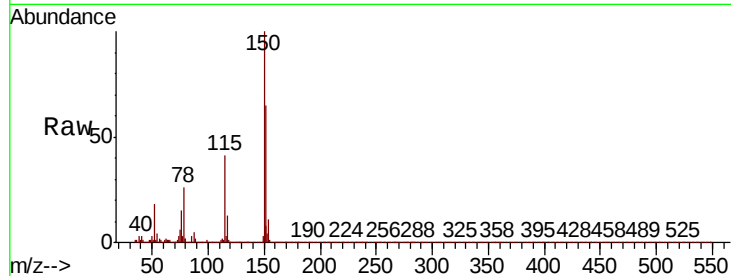
ClientSampleId :

6-(6-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.6	185.4
115	63.1	50.1	75.1

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#5

2-Fluorophenol

Concen: 96.514 ng

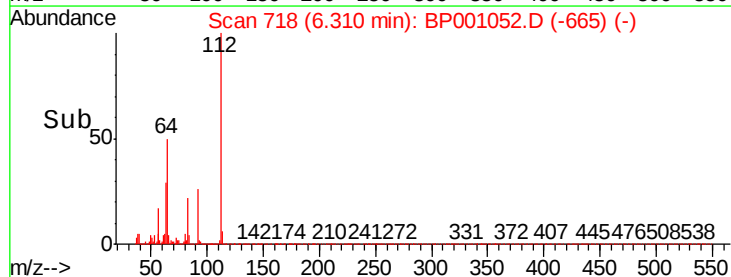
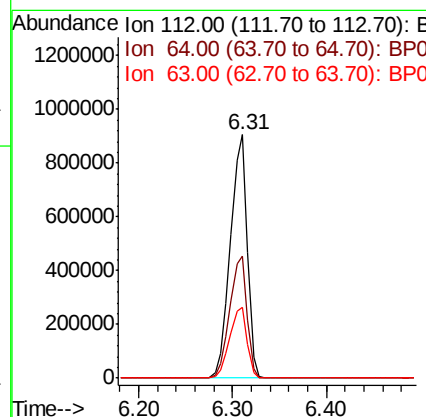
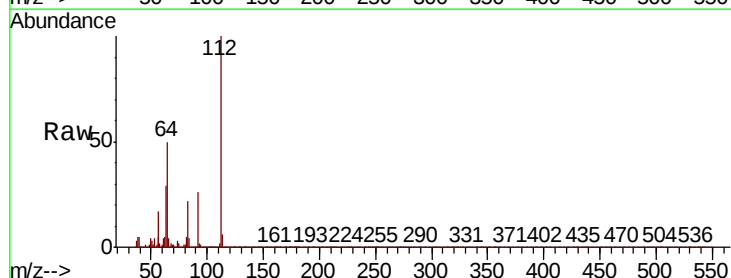
RT: 6.31 min Scan# 718

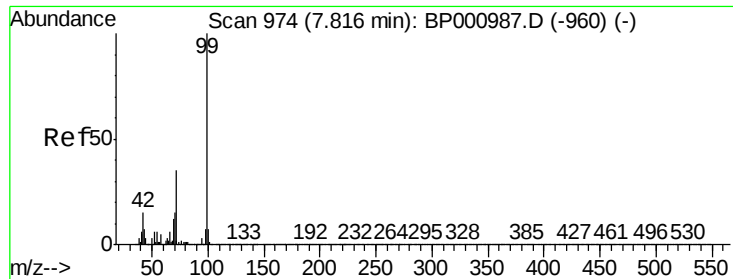
Delta R.T. 0.01 min

Lab File: BP001052.D

Acq: 15 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.1	43.4	65.0
63	28.8	23.4	35.0





#7

Phenol-d6

Concen: 98.241 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BP001052.D

Acq: 15 Nov 2019 21:26

Instrument :

BNA_P

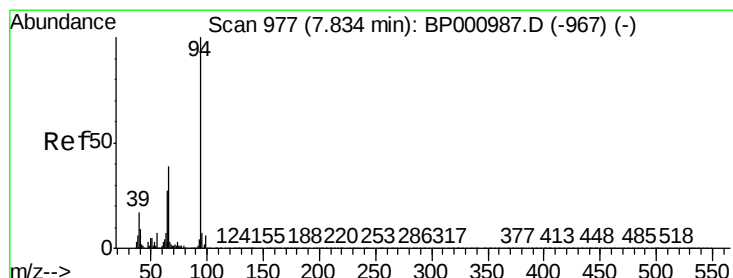
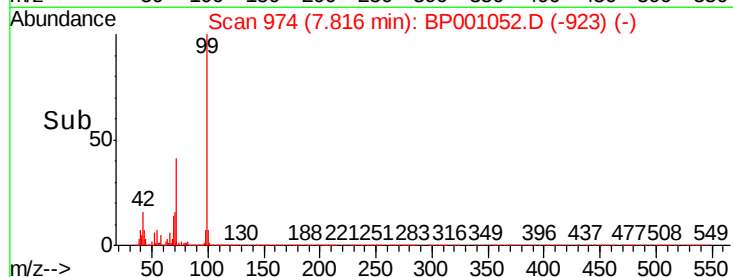
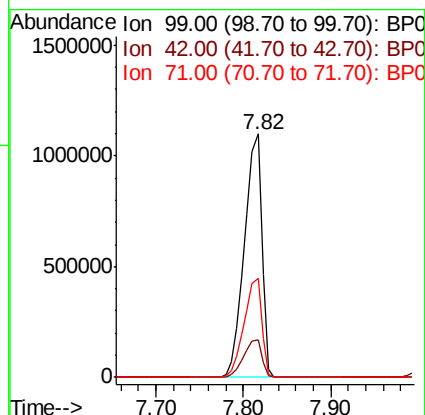
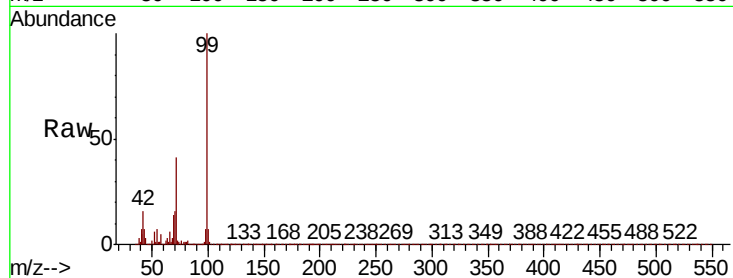
ClientSampled :

6-(6-8)

Tot Ion:	99	Resp:	1459517
Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.6	17.4
71	40.7	28.0	42.0

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#10

Phenol

Concen: 2.815 ng

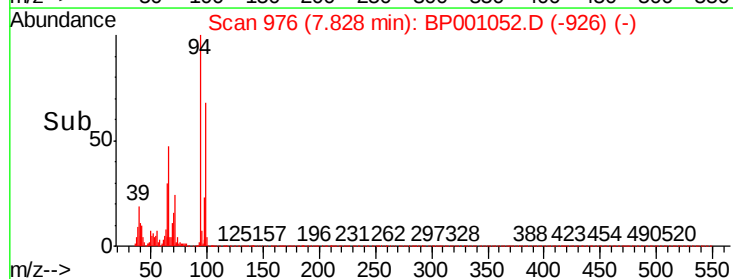
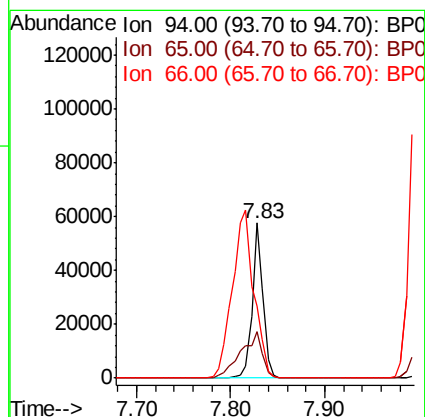
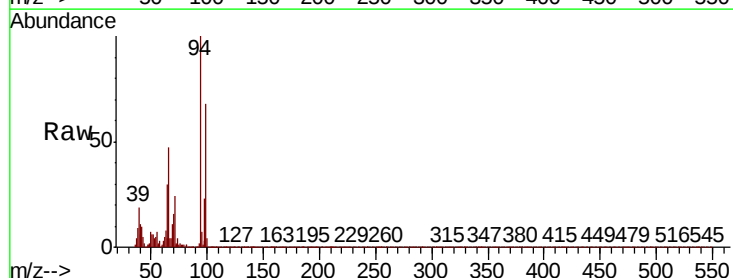
RT: 7.83 min Scan# 976

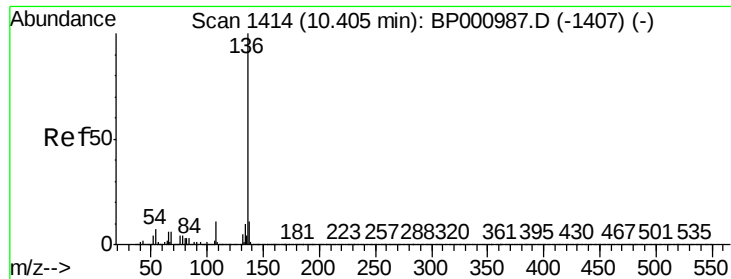
Delta R.T. -0.01 min

Lab File: BP001052.D

Acq: 15 Nov 2019 21:26

Tgt Ion:	94	Resp:	45745
Ion	Ratio	Lower	Upper
94	100		
65	29.7	6.7	46.7
66	46.6	18.6	58.6





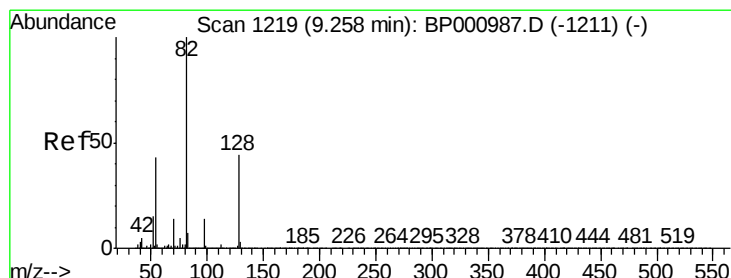
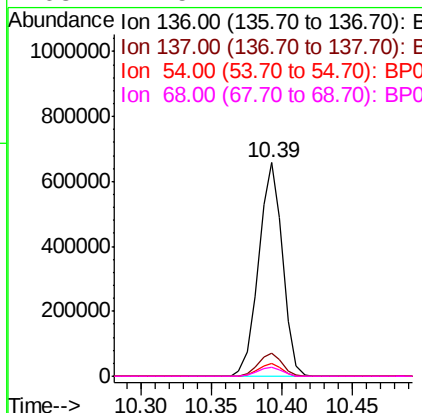
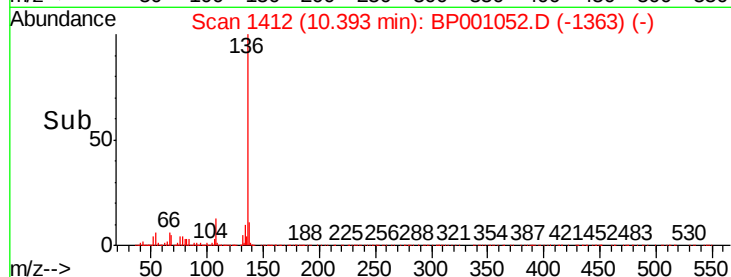
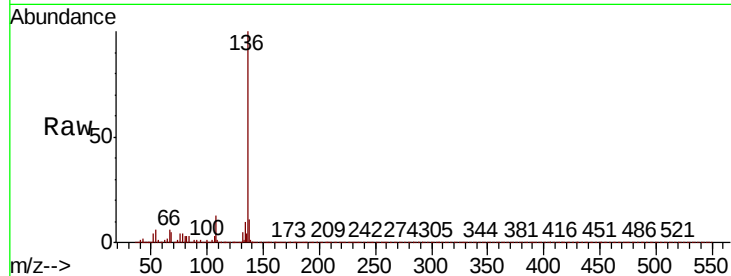
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001052.D
Acq: 15 Nov 2019 21:26

Instrument :
BNA_P
ClientSampleId :
6-(6-8)

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.2	5.4	8.2
68	4.5	4.7	7.1#

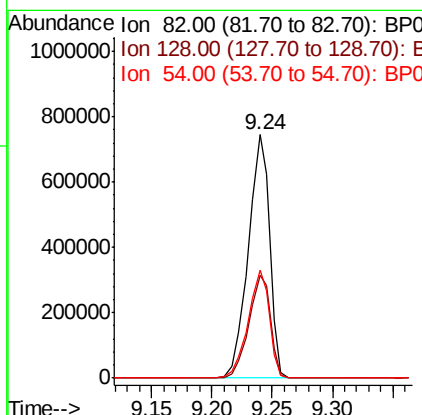
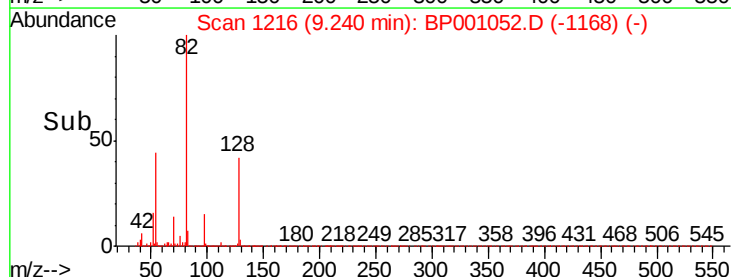
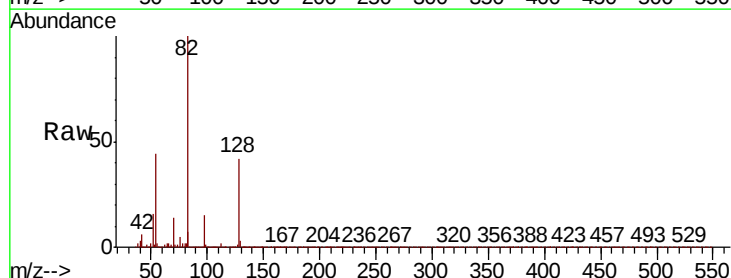
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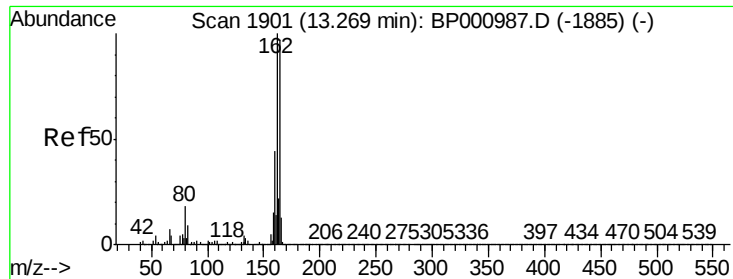
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#23
Nitrobenzene-d5
Concen: 64.973 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BP001052.D
Acq: 15 Nov 2019 21:26

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	42.4	35.3	52.9
54	44.4	34.3	51.5





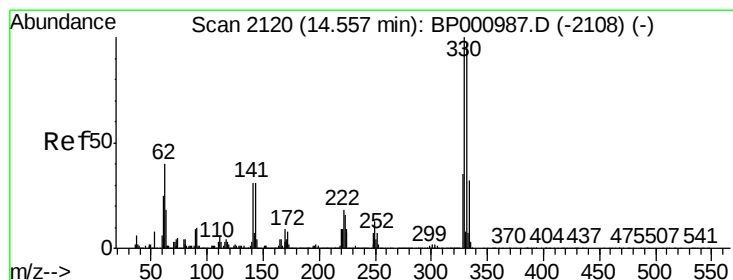
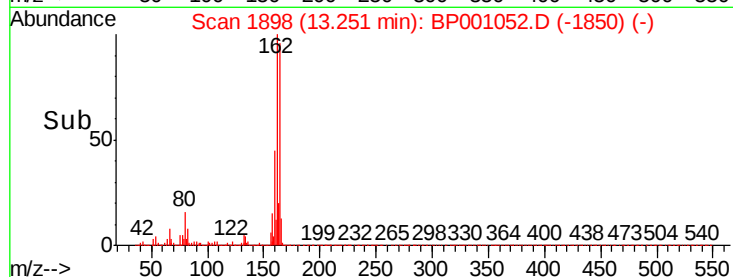
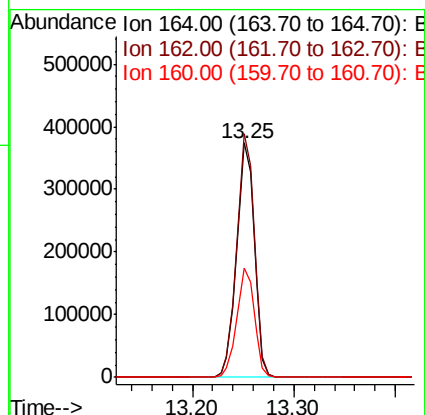
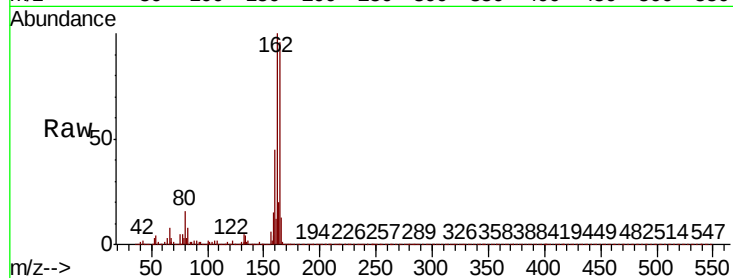
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BP001052.D
Acq: 15 Nov 2019 21:26

Instrument :
BNA_P
ClientSampleId :
6-(6-8)

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.6	123.8
160	46.5	36.5	54.7

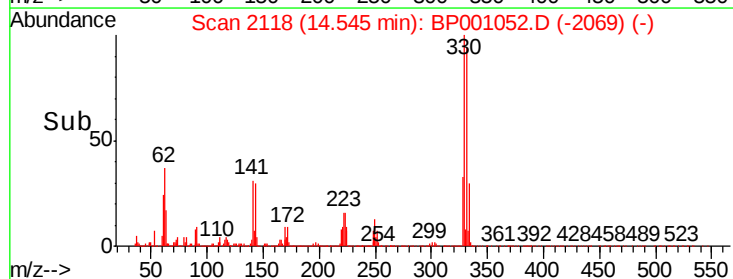
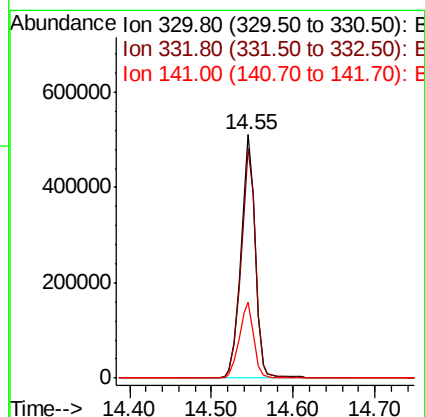
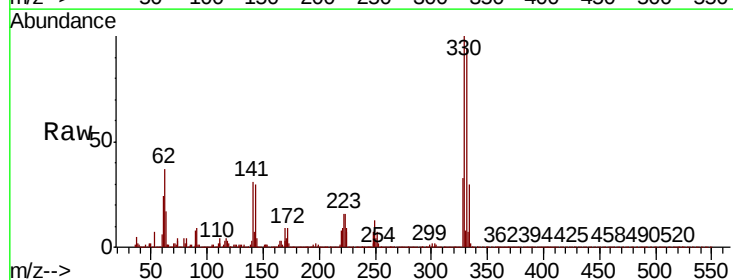
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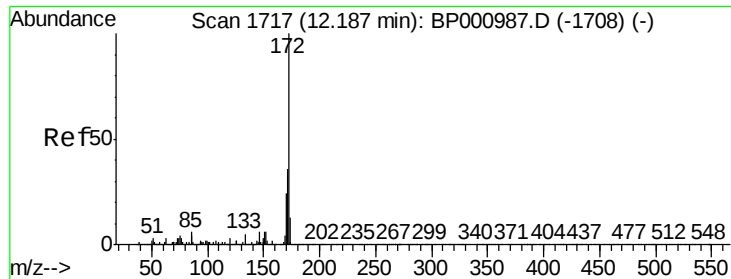
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#42
2,4,6-Tribromophenol
Concen: 114.464 ng
RT: 14.55 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BP001052.D
Acq: 15 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.3	117.5
141	31.8	25.0	37.4





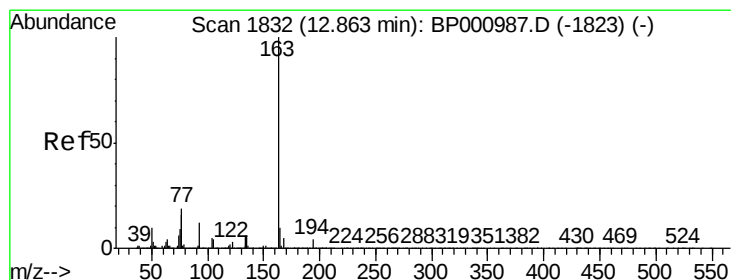
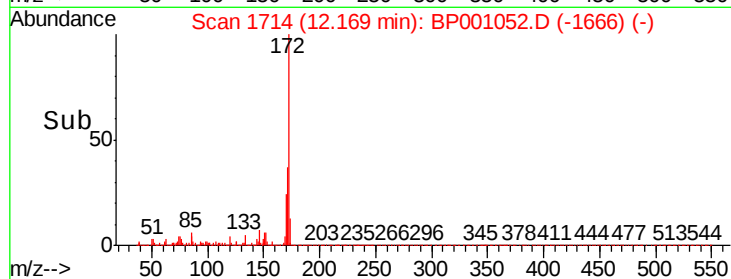
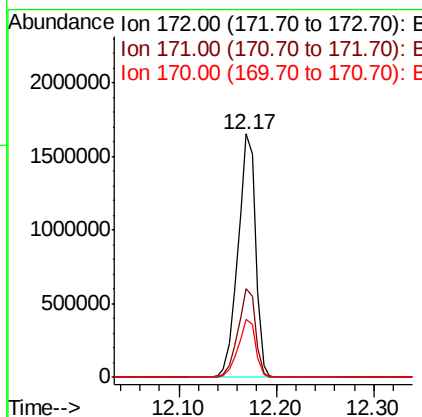
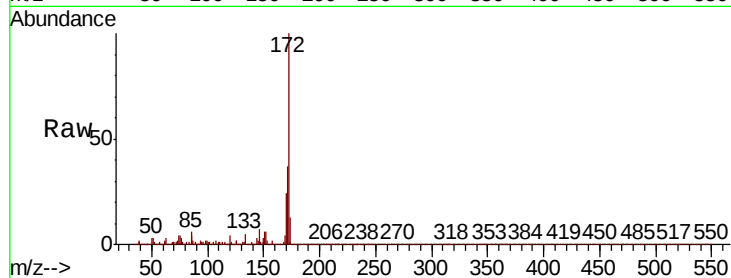
#45
2-Fluorobiphenyl
Concen: 68.168 ng
RT: 12.17 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BP001052.D
Acq: 15 Nov 2019 21:26

Instrument :
BNA_P
ClientSampleId :
6-(6-8)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.5	42.7
170	23.7	18.9	28.3

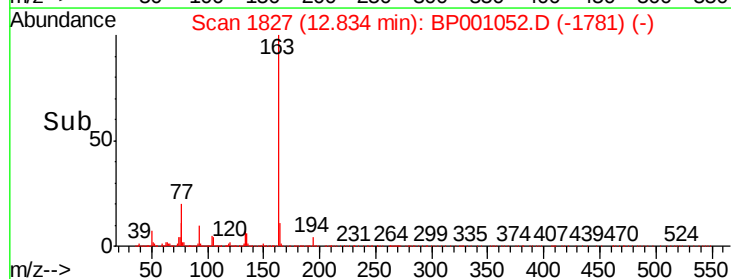
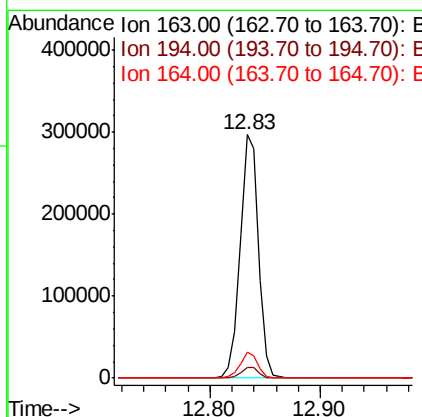
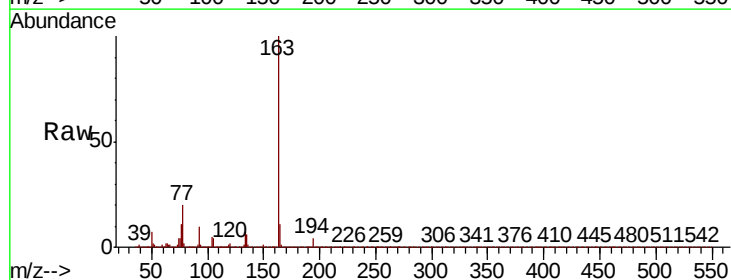
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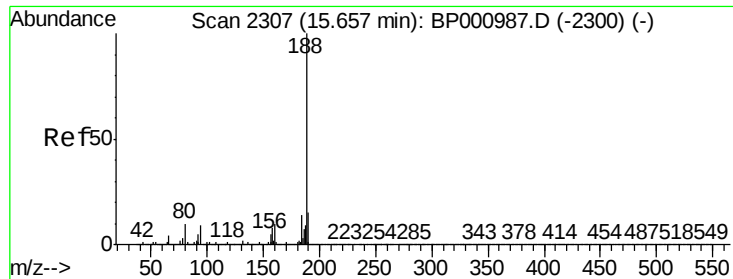
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#50
Dimethylphthalate
Concen: 10.242 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BP001052.D
Acq: 15 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.6	7.9	11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.65 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BP001052.D

Acq: 15 Nov 2019 21:26

Instrument :

BNA_P

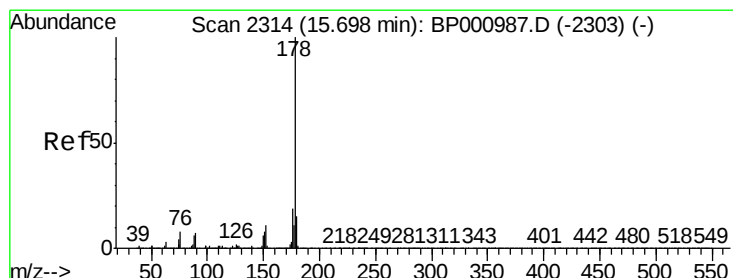
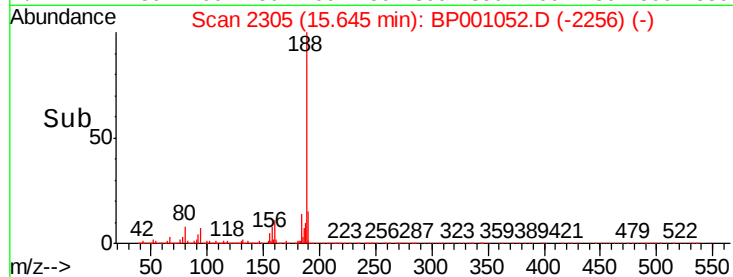
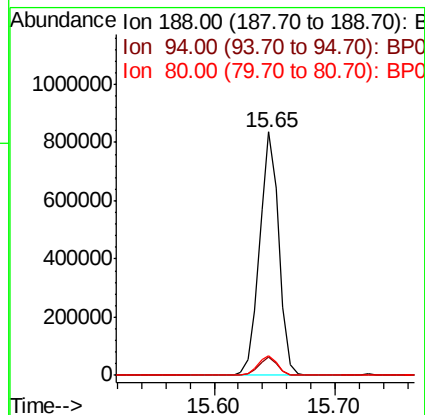
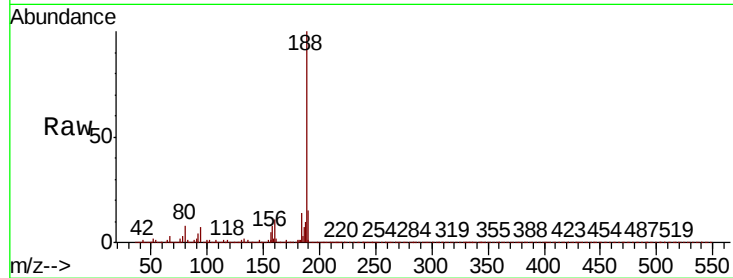
ClientSampleId :

6-(6-8)

Tot Ion:	188	Resp:	923557
Ion Ratio	Lower	Upper	
188	100		
94	7.5	7.4	11.2
80	7.8	7.9	11.9#

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#71

Phenanthrene

Concen: 2.430 ng

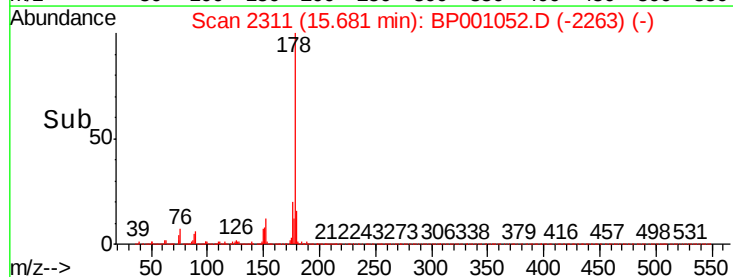
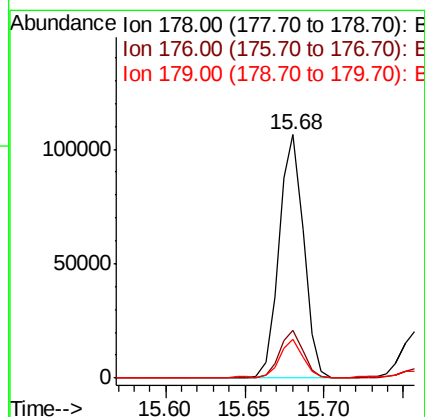
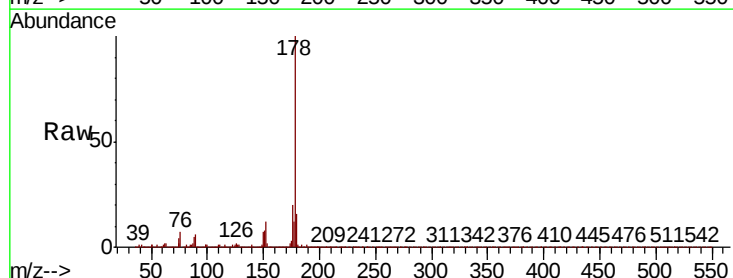
RT: 15.68 min Scan# 2311

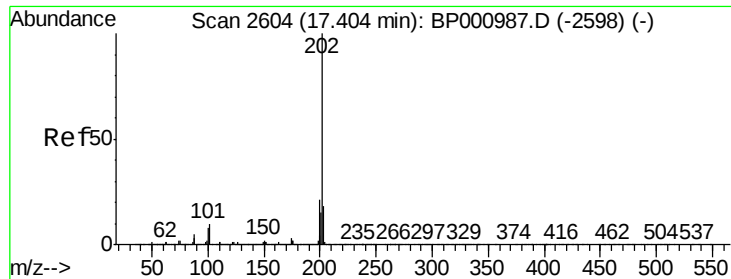
Delta R.T. -0.02 min

Lab File: BP001052.D

Acq: 15 Nov 2019 21:26

Tgt Ion:	178	Resp:	114853
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.5	23.3
179	15.8	12.3	18.5





#75

Fluoranthene

Concen: 3.864 ng

RT: 17.39 min Scan# 2601

Delta R.T. -0.02 min

Lab File: BP001052.D

Acq: 15 Nov 2019 21:26

Instrument :

BNA_P

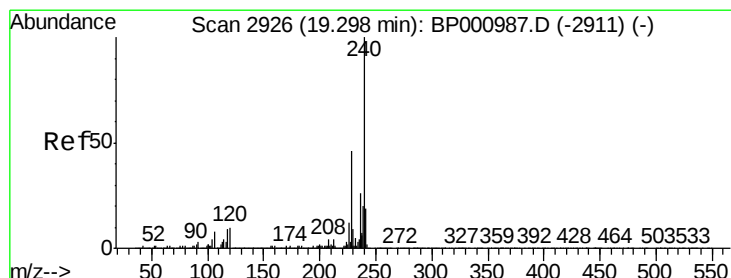
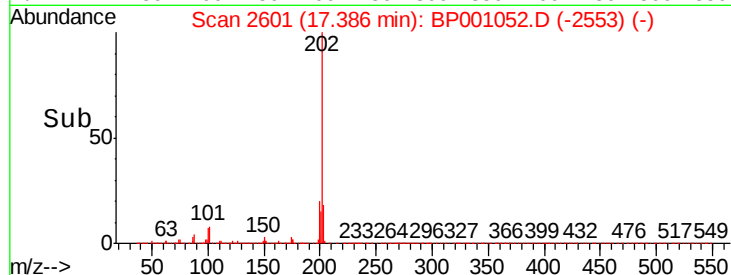
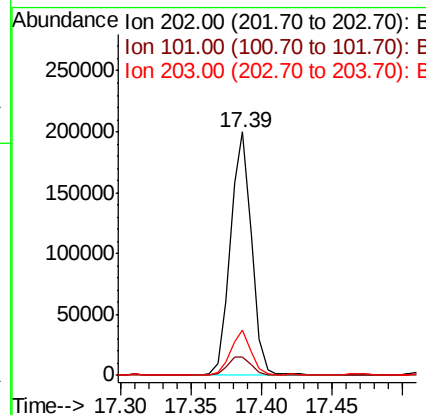
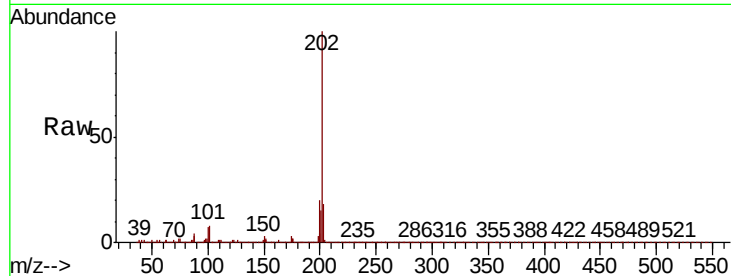
ClientSampled :

6-(6-8)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.8	0.0	30.1
203	18.4	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

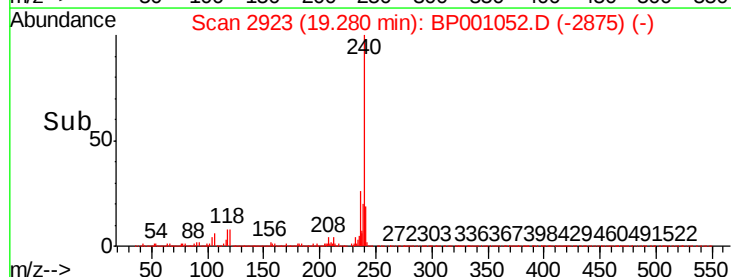
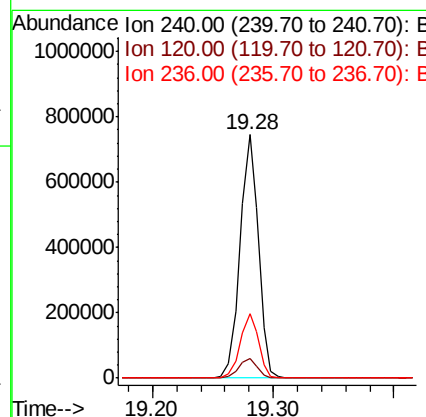
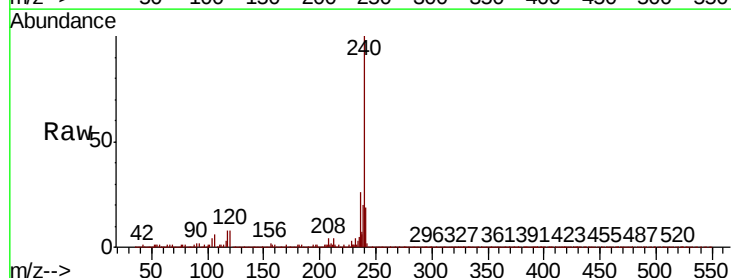
RT: 19.28 min Scan# 2923

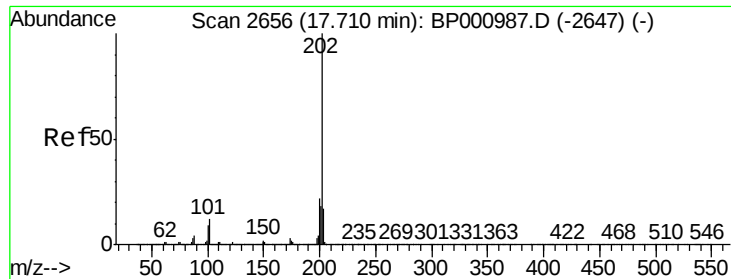
Delta R.T. -0.02 min

Lab File: BP001052.D

Acq: 15 Nov 2019 21:26

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.0	8.2	12.2#
236	26.4	20.5	30.7





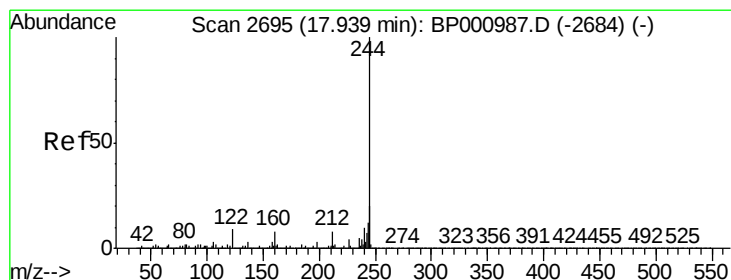
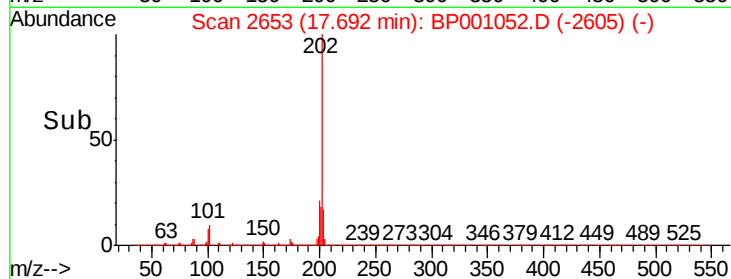
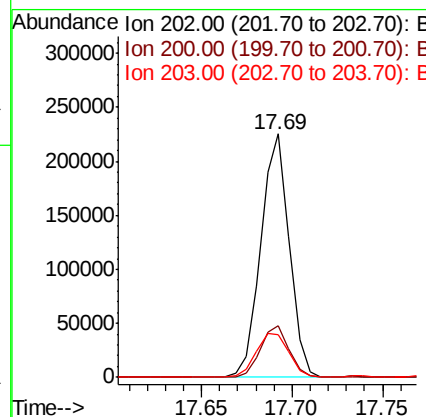
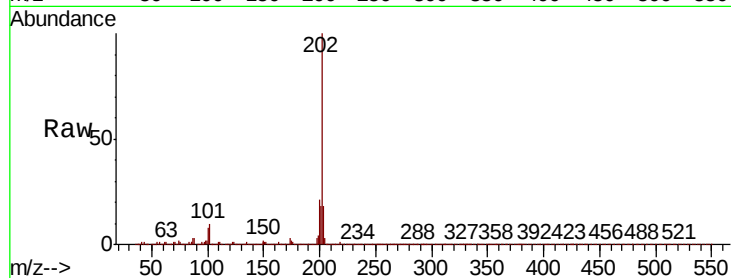
#78
Pvrene
Concen: 4.381 ng
RT: 17.69 min Scan# 2653
Delta R.T. -0.02 min
Lab File: BP001052.D
Acq: 15 Nov 2019 21:26

Instrument :
BNA_P
ClientSampleId :
6-(6-8)

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.2	25.8
203	17.6	14.0	21.0

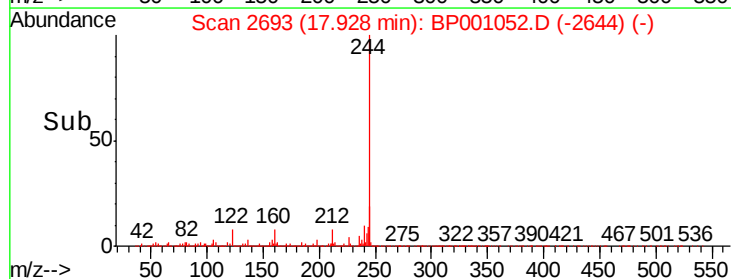
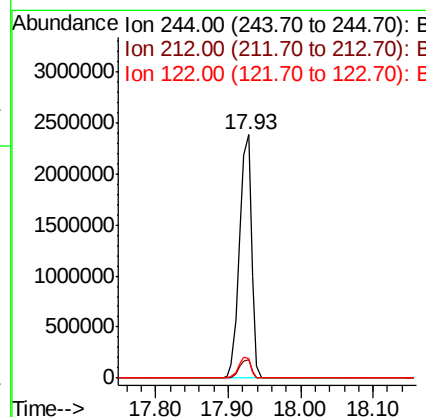
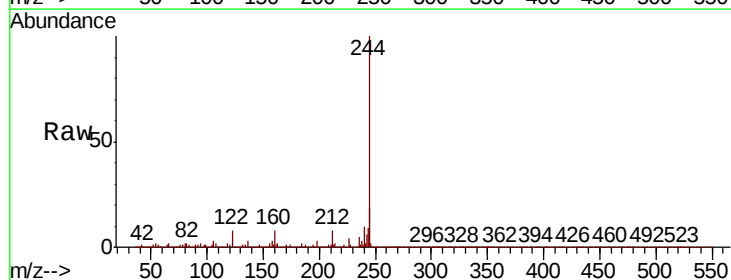
Manual Integrations
APPROVED

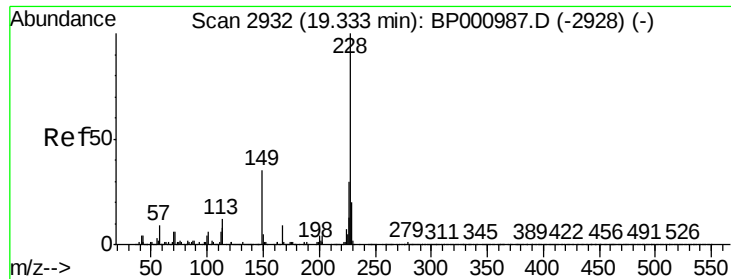
mohammad
11/18/2019 3:06:33 PM



#79
Terphenyl-d14
Concen: 69.640 ng
RT: 17.93 min Scan# 2693
Delta R.T. -0.01 min
Lab File: BP001052.D
Acq: 15 Nov 2019 21:26

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	8.1	7.4	11.2





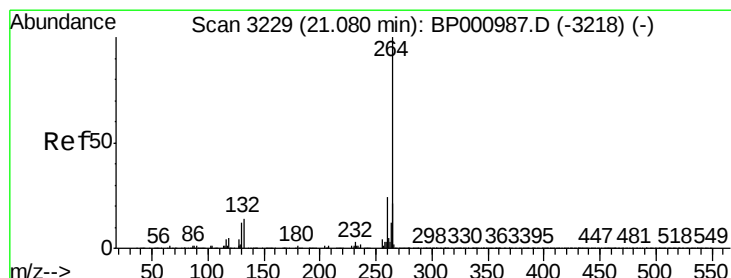
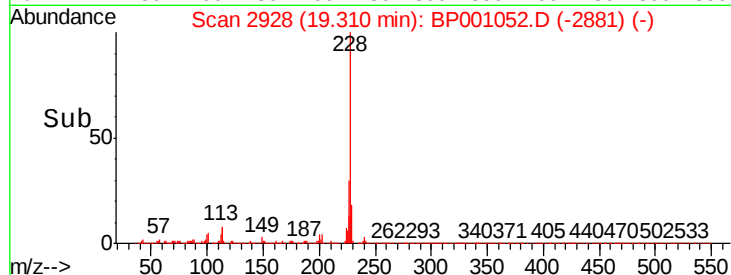
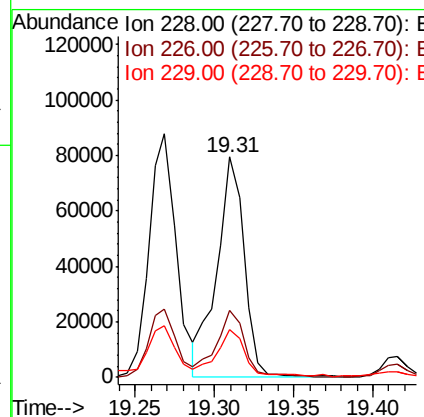
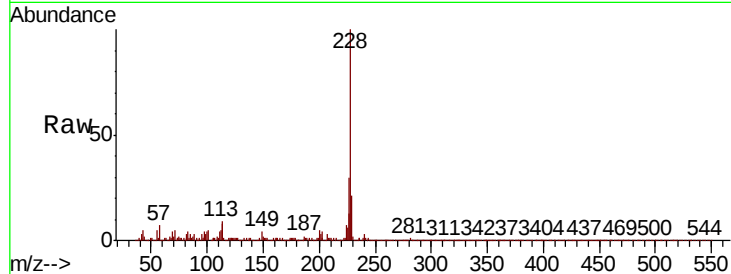
#83
Chrysene
Concen: 2.029 ng
RT: 19.31 min Scan# 2928
Delta R.T. -0.02 min
Lab File: BP001052.D
Acq: 15 Nov 2019 21:26

Instrument :
BNA_P
ClientSampleId :
6-(6-8)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	30.3		24.2	36.2	
229	21.4		15.8	23.6	

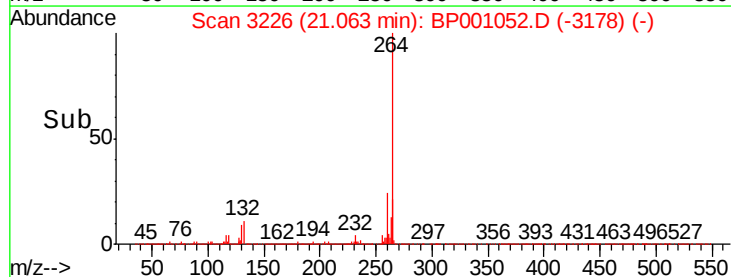
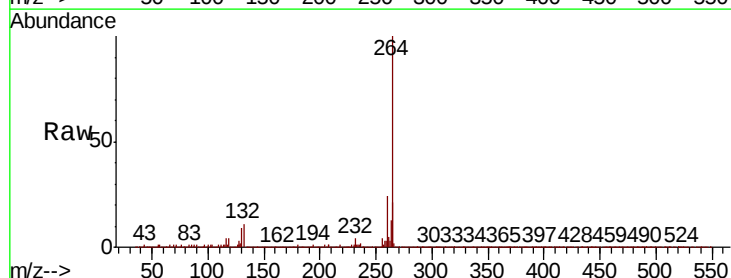
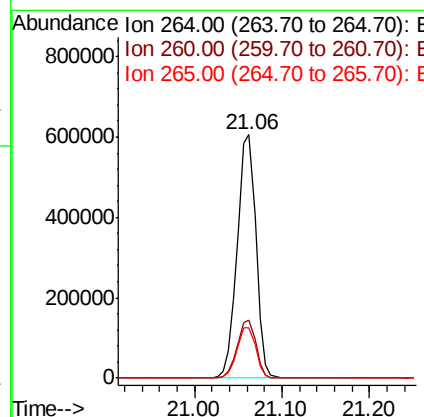
Manual Integrations
APPROVED

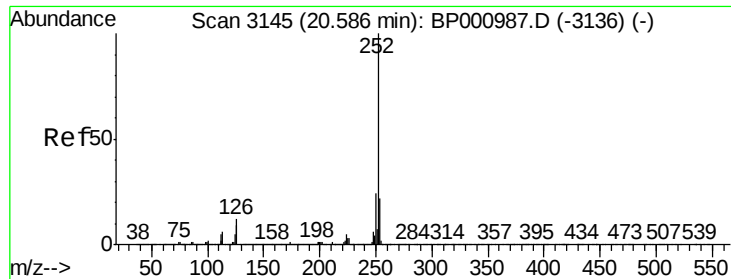
mohammad
11/18/2019 3:06:33 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3226
Delta R.T. -0.02 min
Lab File: BP001052.D
Acq: 15 Nov 2019 21:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.9		18.8	28.2	
265	20.7		17.1	25.7	





#88

Benzo(b)fluoranthene

Concen: 2.066 ng m

RT: 20.57 min Scan# 3142

Delta R.T. -0.02 min

Lab File: BP001052.D

Acq: 15 Nov 2019 21:26

Instrument :

BNA_P

ClientSampleId :

6-(6-8)

Tot Ion:	252	Resp:	106777
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.9	26.9
125	9.5	7.3	10.9

Manual Integrations
APPROVED

mohammad
11/18/2019 3:06:33 PM

