

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001057.D
 Acq On : 15 Nov 2019 23:56
 Operator : JU
 Sample : K5832-17
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 5-(6-8)

Manual Integrations
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Quant Time: Nov 16 04:56:56 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	199744	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	715696	20.00	ng	-0.01
39) Acenaphthene-d10	13.25	164	414097	20.00	ng	-0.02
64) Phenanthrene-d10	15.65	188	806515	20.00	ng	-0.01
76) Chrysene-d12	19.28	240	663962	20.00	ng	-0.02
87) Perylene-d12	21.06	264	714103	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	1258636	114.69	ng	0.01
7) Phenol-d6	7.82	99	1726512	124.41	ng	0.00
23) Nitrobenzene-d5	9.25	82	1098883	84.93	ng	-0.01
42) 2,4,6-Tribromophenol	14.55	330	595397	120.44	ng	-0.01
45) 2-Fluorobiphenyl	12.17	172	2346431	85.34	ng	-0.01
79) Terphenyl-d14	17.93	244	2885734	86.45	ng	-0.01
Target Compounds						
10) Phenol	7.83	94	56016	3.690	ng	90
50) Dimethylphthalate	12.84	163	387785	12.664	ng	99
71) Phenanthrene	15.68	178	100236	2.428	ng	98
75) Fluoranthene	17.39	202	208765	4.474	ng	99
78) Pyrene	17.69	202	235637	5.022	ng	98
81) Benzo(a)anthracene	19.27	228	114446	2.559	ng	93
83) Chrysene	19.32	228	136422	3.475	ng	98
88) Benzo(b)fluoranthene	20.57	252	172086m	4.043	ng	
90) Benzo(a)pyrene	20.99	252	88065	2.250	ng	99

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

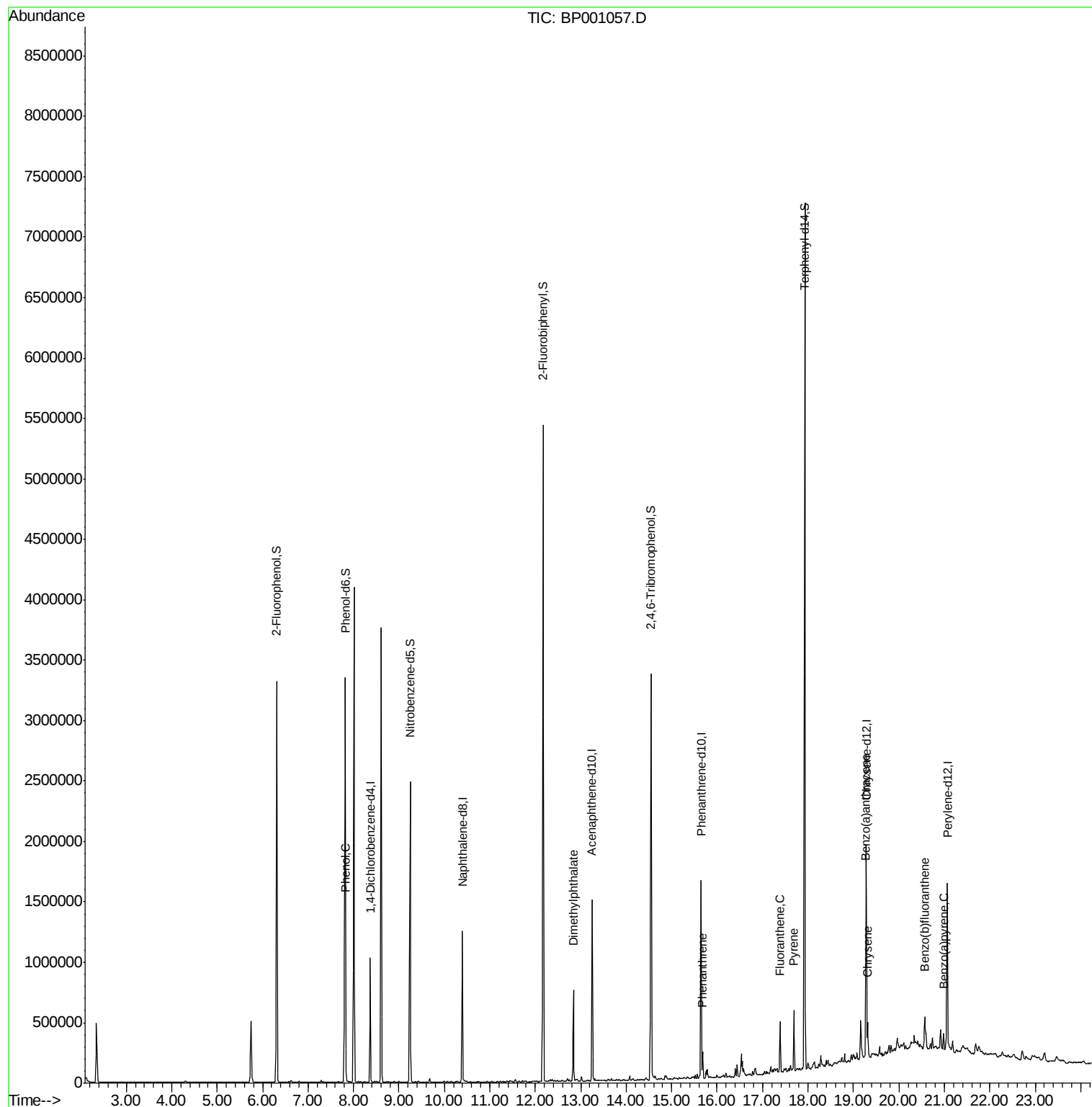
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
Data File : BP001057.D
Acq On : 15 Nov 2019 23:56
Operator : JU
Sample : K5832-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

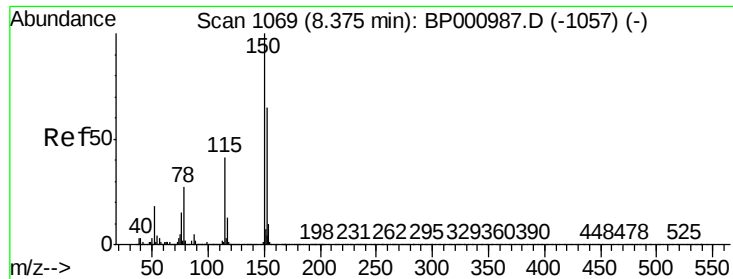
Instrument :
BNA_P
ClientSampleId :
5-(6-8)

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Quant Time: Nov 16 04:56:56 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: BP001057.D

Acq: 15 Nov 2019 23:56

Instrument :

BNA_P

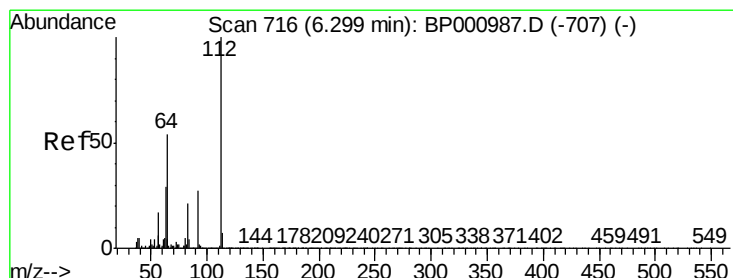
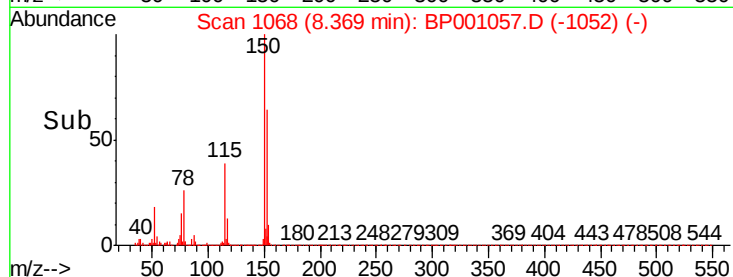
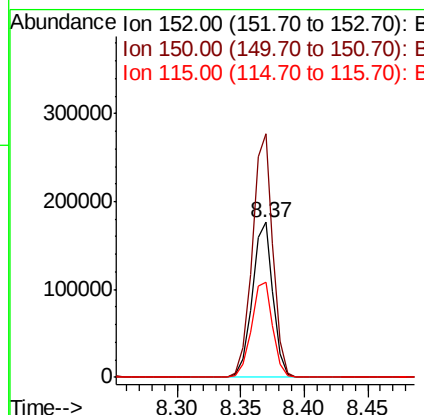
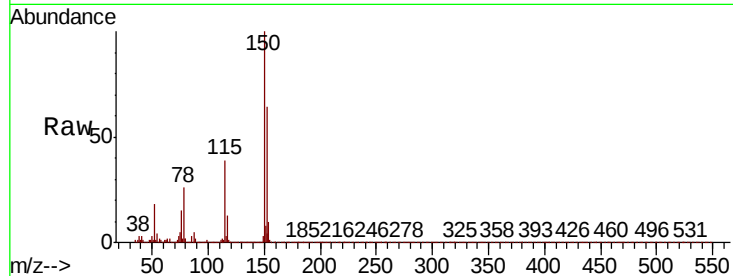
ClientSampleId :

5-(6-8)

Tot Ion:	152	Resp:	199744
Ion Ratio	Lower	Upper	
152	100		
150	157.4	123.6	185.4
115	61.9	50.1	75.1

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#5

2-Fluorophenol

Concen: 114.694 ng

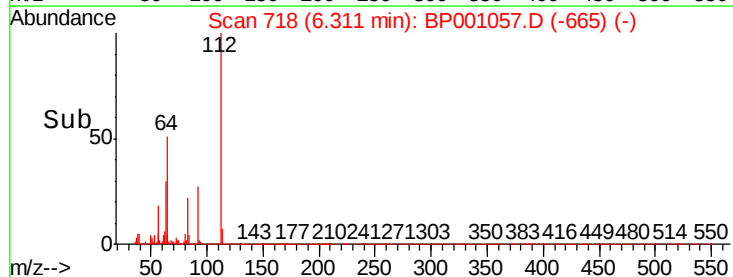
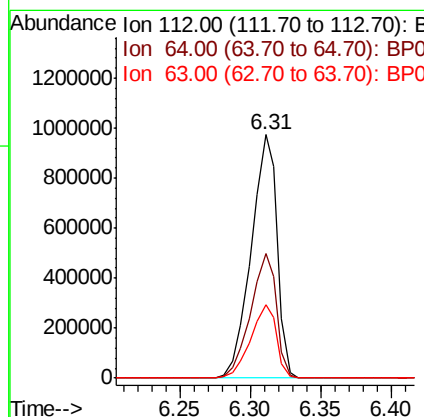
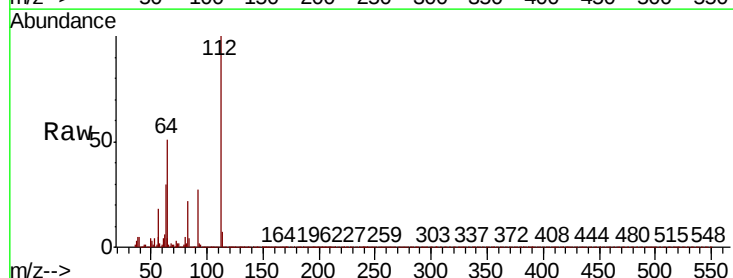
RT: 6.31 min Scan# 718

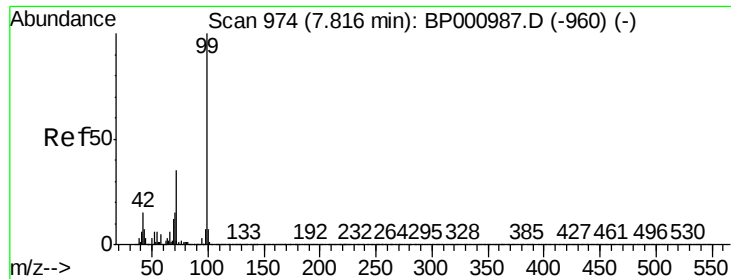
Delta R.T. 0.01 min

Lab File: BP001057.D

Acq: 15 Nov 2019 23:56

Tgt Ion:	112	Resp:	1258636
Ion Ratio	Lower	Upper	
112	100		
64	50.9	43.4	65.0
63	30.0	23.4	35.0





#7

Phenol-d6

Concen: 124.414 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BP001057.D

Acq: 15 Nov 2019 23:56

Instrument :

BNA_P

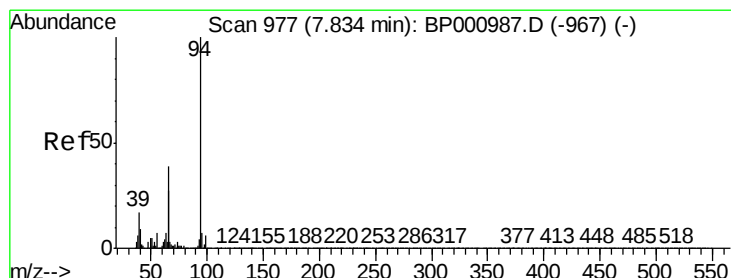
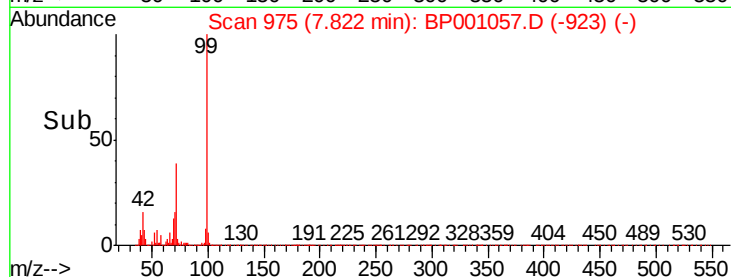
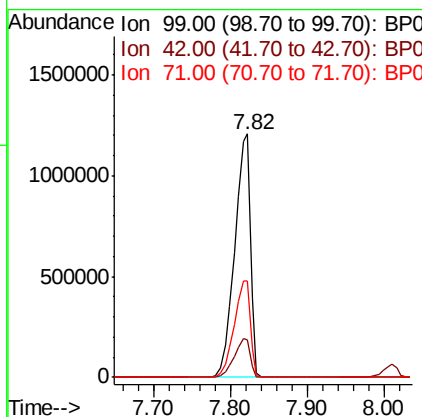
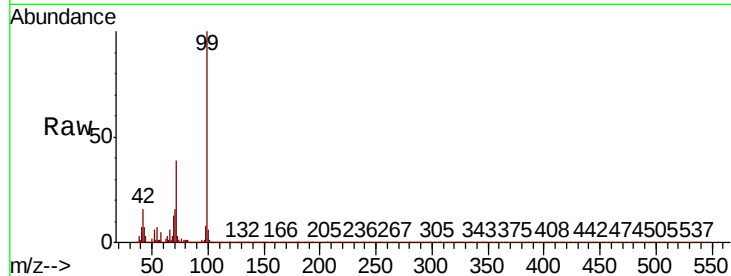
ClientSampleId :

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Tot Ion:	99	Resp:	1726512
Ion	Ratio	Lower	Upper
99	100		
42	15.5	11.6	17.4
71	39.4	28.0	42.0

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#10

Phenol

Concen: 3.690 ng

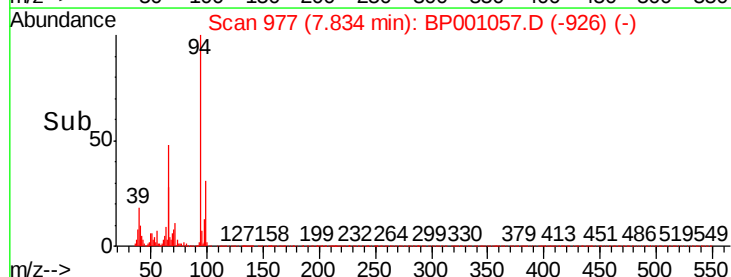
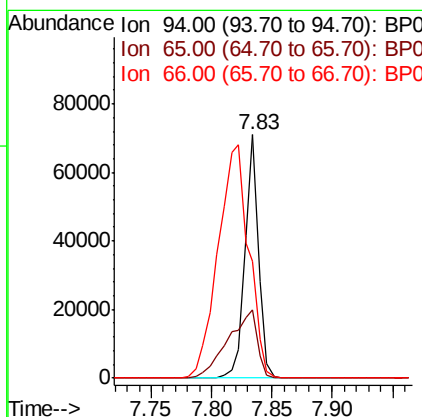
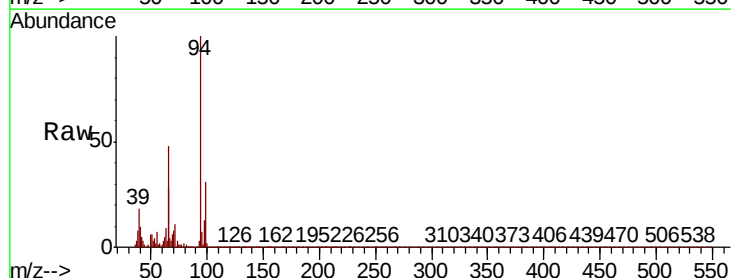
RT: 7.83 min Scan# 977

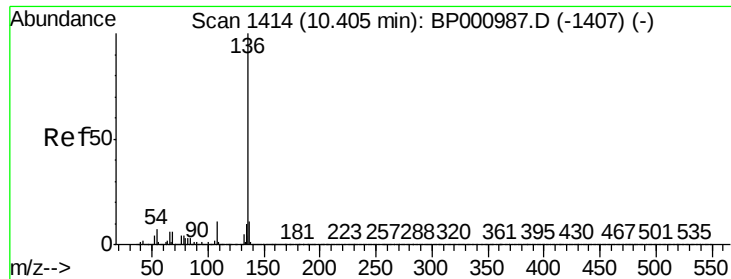
Delta R.T. -0.00 min

Lab File: BP001057.D

Acq: 15 Nov 2019 23:56

Tgt Ion:	94	Resp:	56016
Ion	Ratio	Lower	Upper
94	100		
65	28.0	6.7	46.7
66	47.9	18.6	58.6





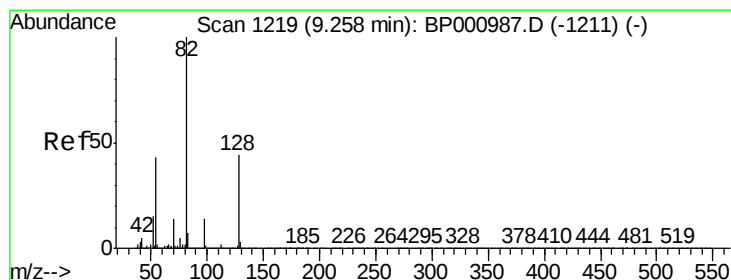
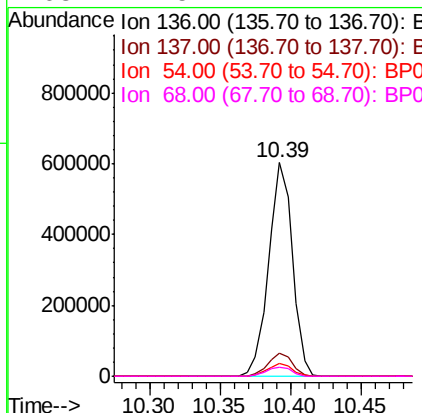
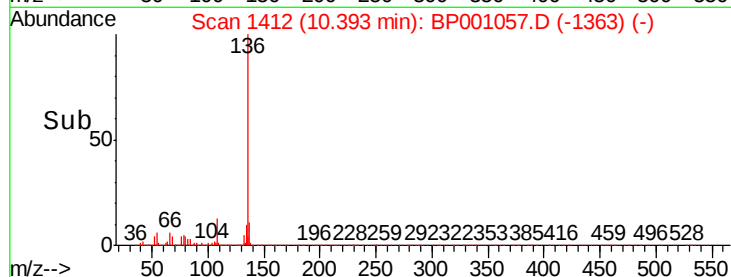
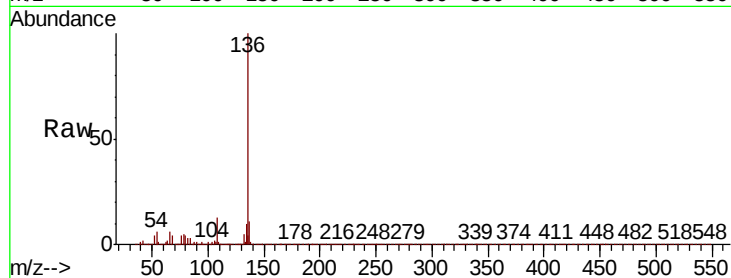
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001057.D
Acq: 15 Nov 2019 23:56

Instrument :
BNA_P
ClientSampleId :
5-(6-8)

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	9.0	13.6
54	6.1	5.4	8.2
68	4.5	4.7	7.1#

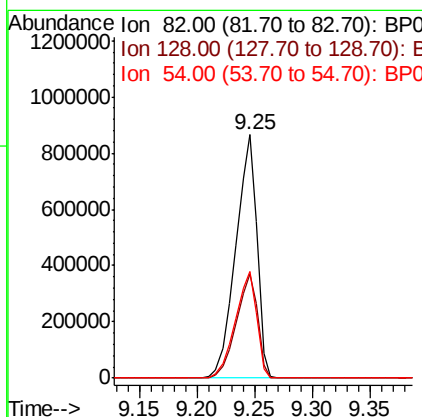
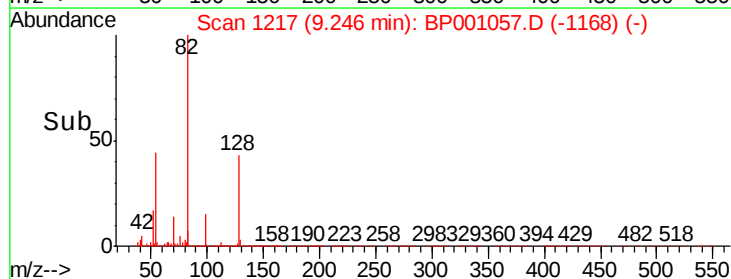
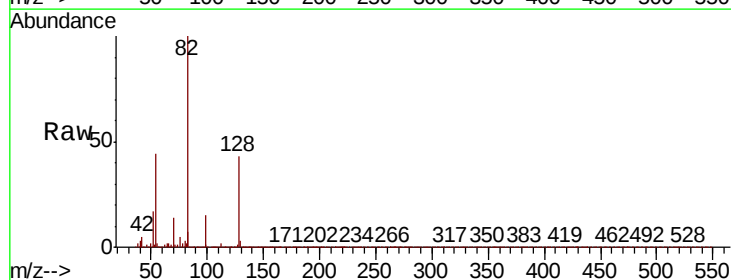
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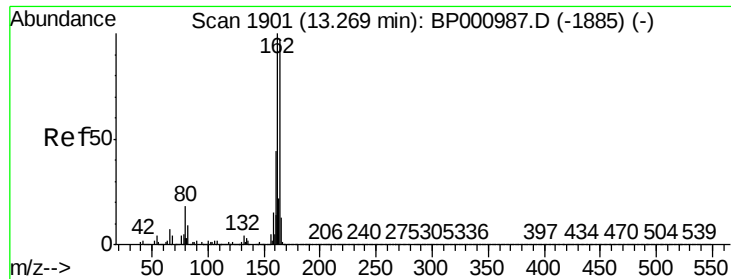
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#23
Nitrobenzene-d5
Concen: 84.933 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001057.D
Acq: 15 Nov 2019 23:56

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	42.5	35.3	52.9
54	43.9	34.3	51.5





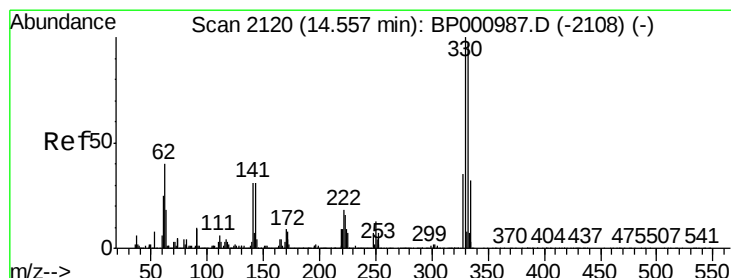
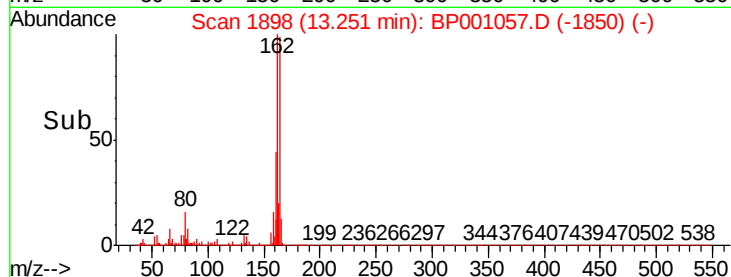
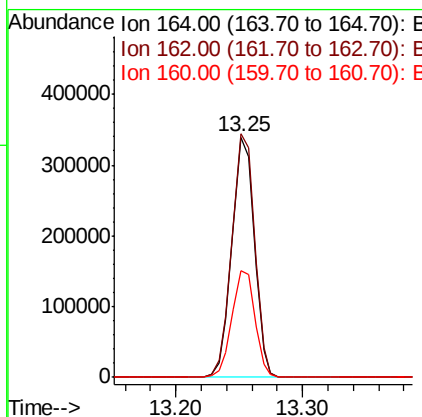
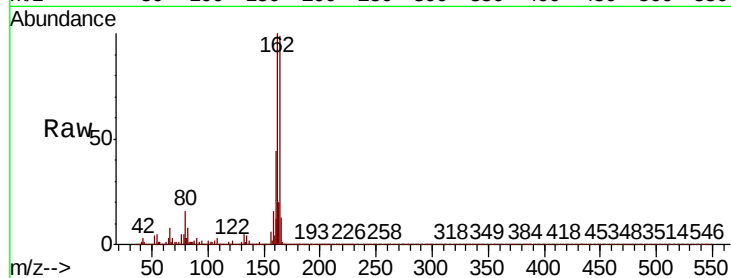
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.25 min Scan# 1898
Delta R.T. -0.02 min
Lab File: BP001057.D
Acq: 15 Nov 2019 23:56

Instrument :
BNA_P
ClientSampleId :
5-(6-8)

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	123.8
160	44.5	36.5	54.7

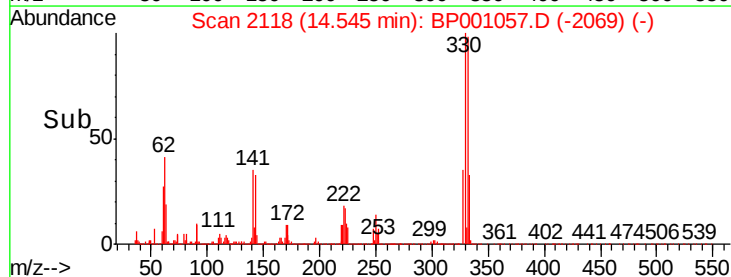
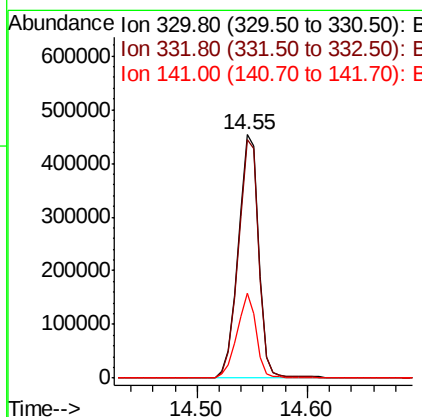
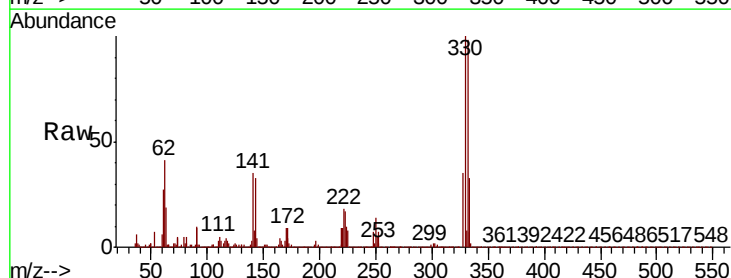
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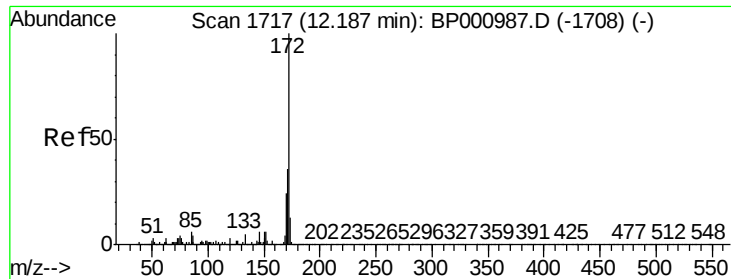
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#42
2,4,6-Tribromophenol
Concen: 120.443 ng
RT: 14.55 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BP001057.D
Acq: 15 Nov 2019 23:56

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.3	117.5
141	32.4	25.0	37.4





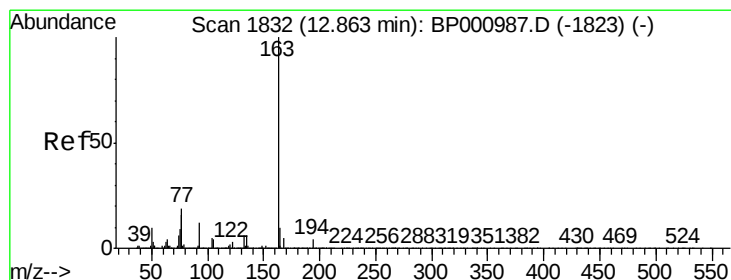
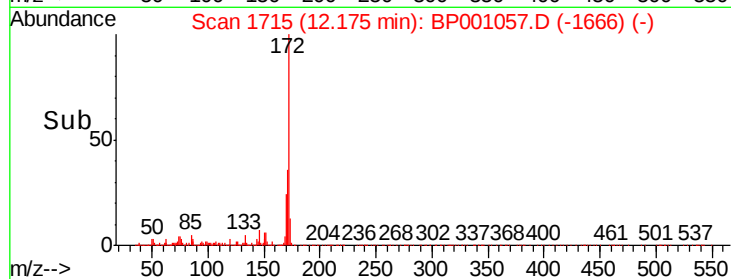
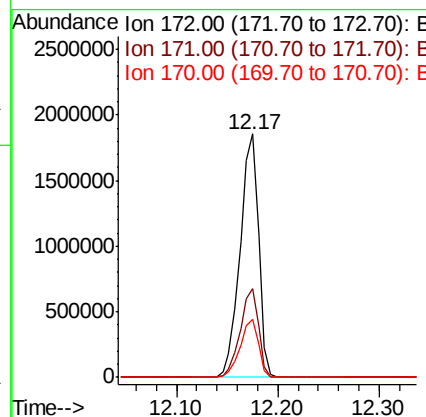
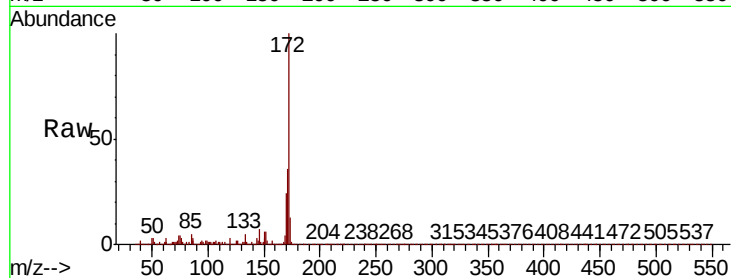
#45
2-Fluorobiphenyl
Concen: 85.341 ng
RT: 12.17 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001057.D
Acq: 15 Nov 2019 23:56

Instrument :
BNA_P
ClientSampled :
5-(6-8)

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.5	42.7
170	23.6	18.9	28.3

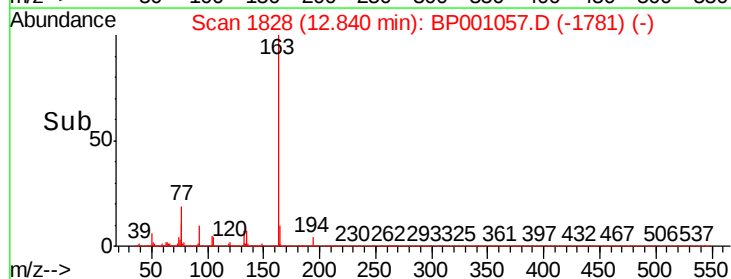
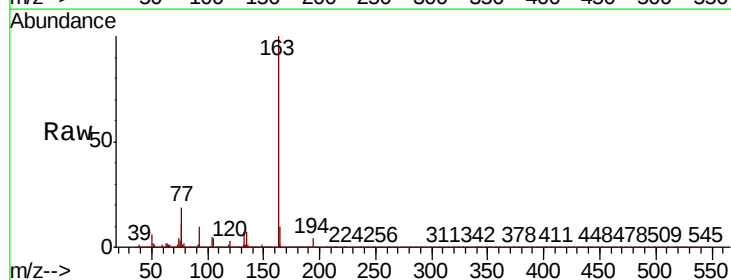
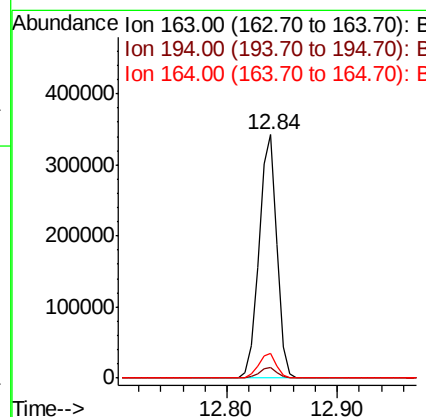
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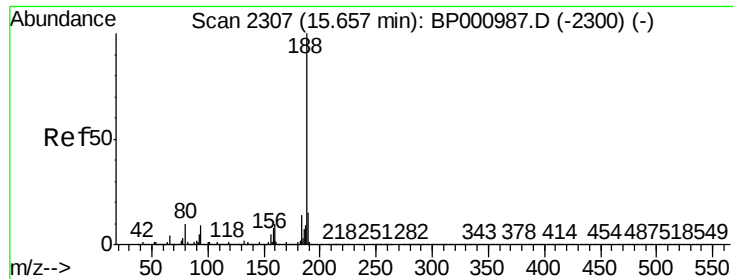
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#50
Dimethylphthalate
Concen: 12.664 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.02 min
Lab File: BP001057.D
Acq: 15 Nov 2019 23:56

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.4	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: BP001057.D

Acq: 15 Nov 2019 23:56

Instrument :

BNA_P

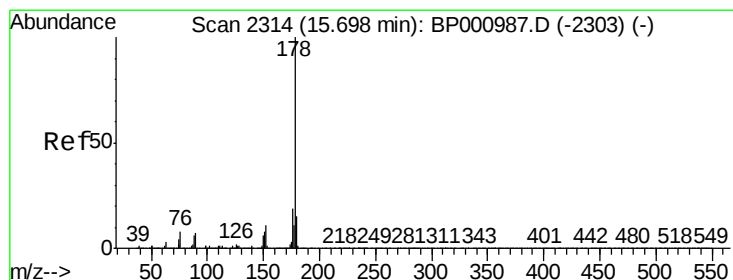
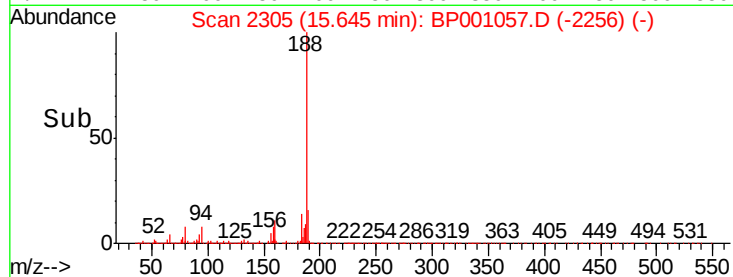
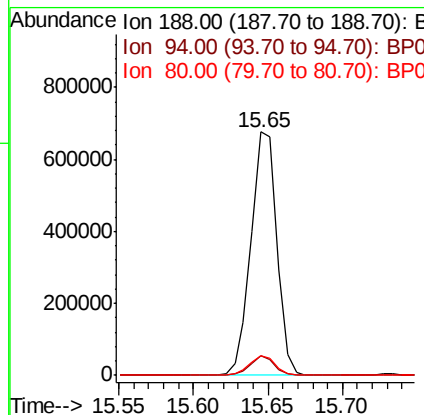
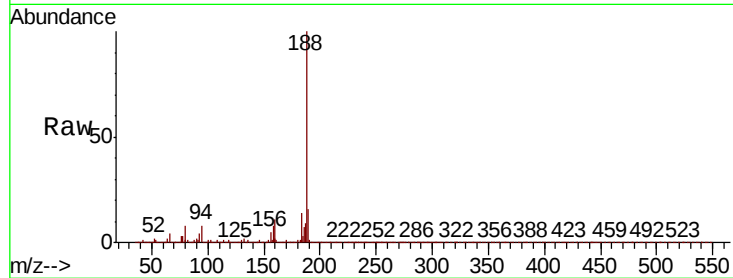
ClientSampled :

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Tot Ion:	188	Resp:	806515
Ion Ratio	Lower	Upper	
188	100		
94	7.9	7.4	11.2
80	8.2	7.9	11.9

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#71

Phenanthrene

Concen: 2.428 ng

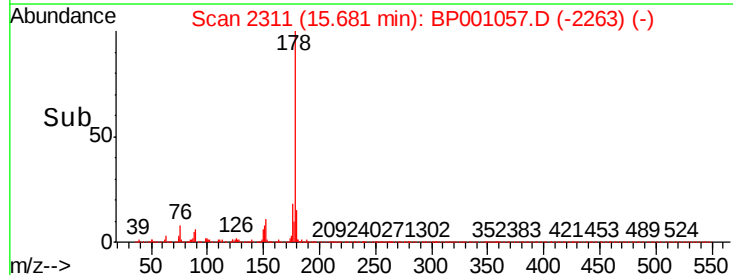
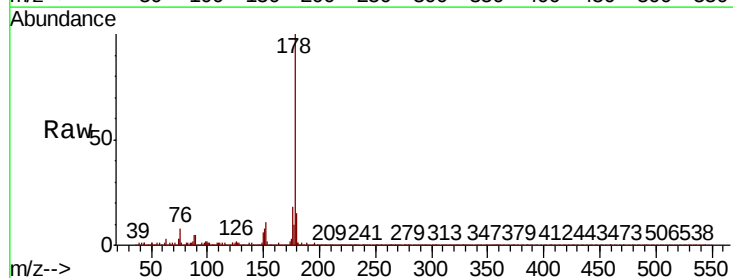
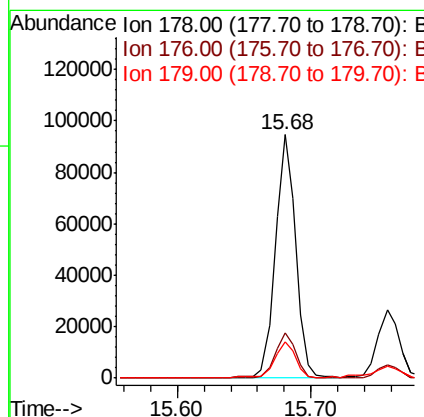
RT: 15.68 min Scan# 2311

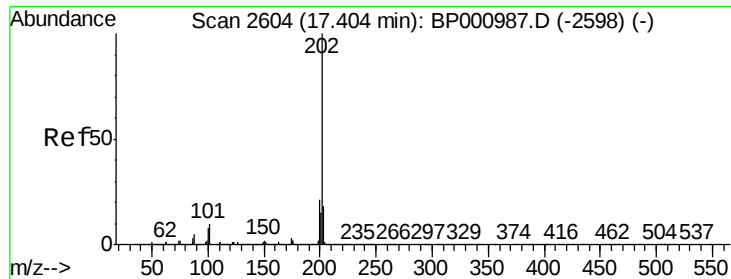
Delta R.T. -0.02 min

Lab File: BP001057.D

Acq: 15 Nov 2019 23:56

Tgt Ion:	178	Resp:	100236
Ion Ratio	Lower	Upper	
178	100		
176	18.4	15.5	23.3
179	14.8	12.3	18.5





#75

Fluoranthene

Concen: 4.474 ng

RT: 17.39 min Scan# 2601

Delta R.T. -0.02 min

Lab File: BP001057.D

Acq: 15 Nov 2019 23:56

Instrument :

BNA_P

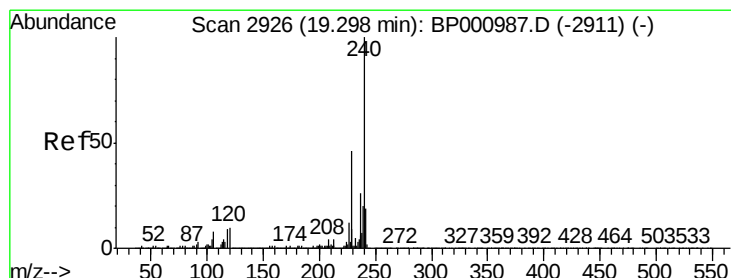
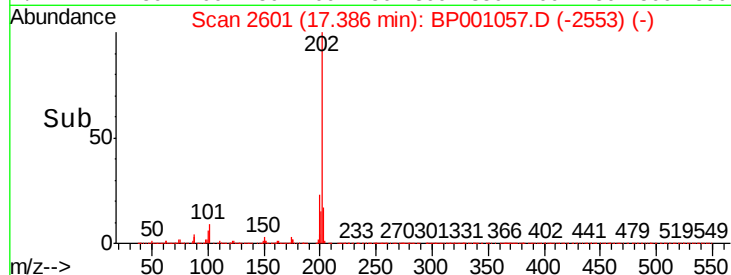
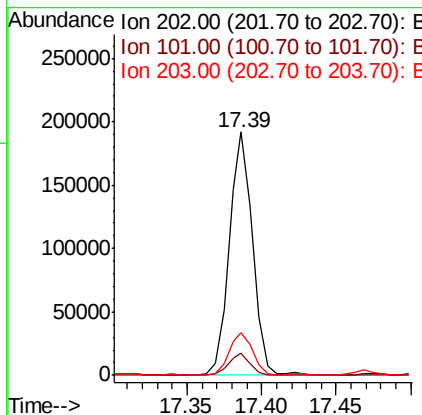
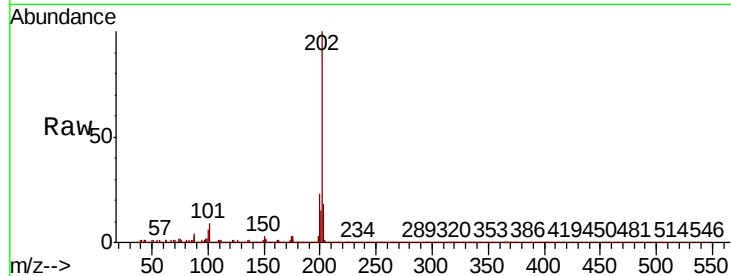
ClientSampled :

5-(6-8)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		208765		
101	8.9	0.0	30.1		
203	17.7	0.0	37.7		

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#76

Chrysene-d12

Concen: 20.000 ng

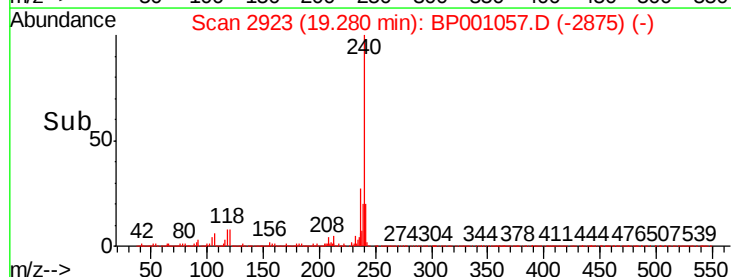
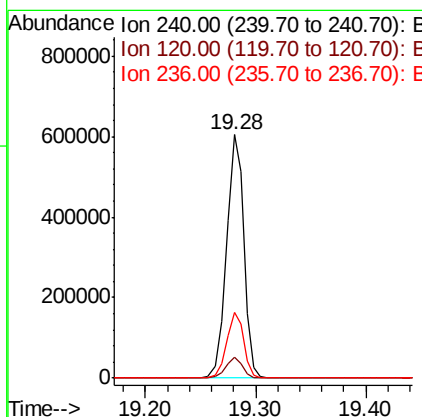
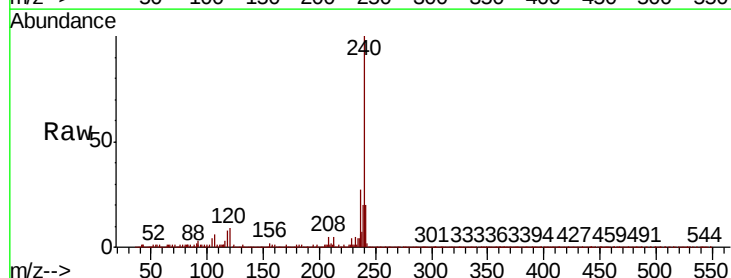
RT: 19.28 min Scan# 2923

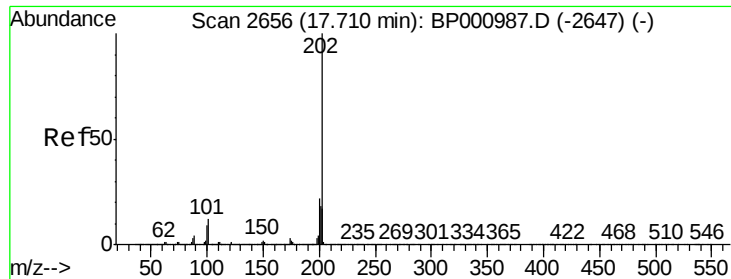
Delta R.T. -0.02 min

Lab File: BP001057.D

Acq: 15 Nov 2019 23:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		663962		
120	8.5	8.2	12.2		
236	26.9	20.5	30.7		





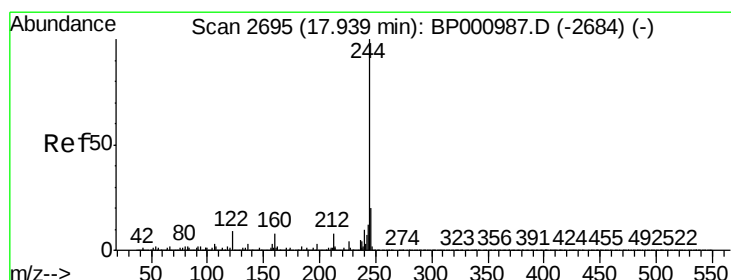
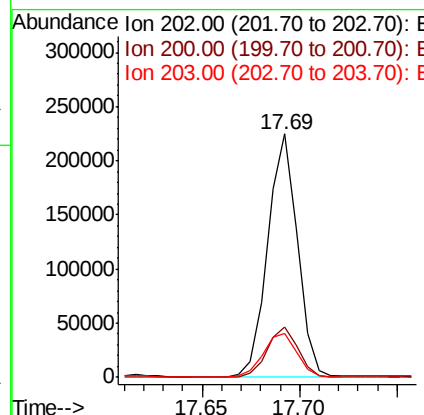
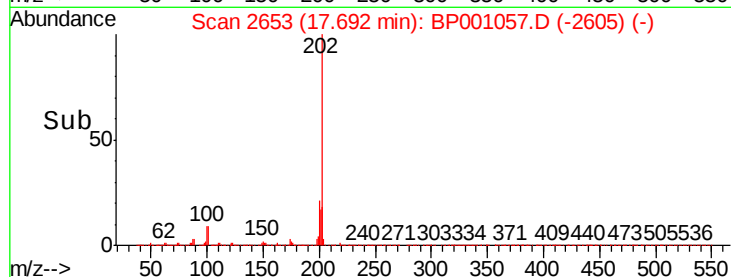
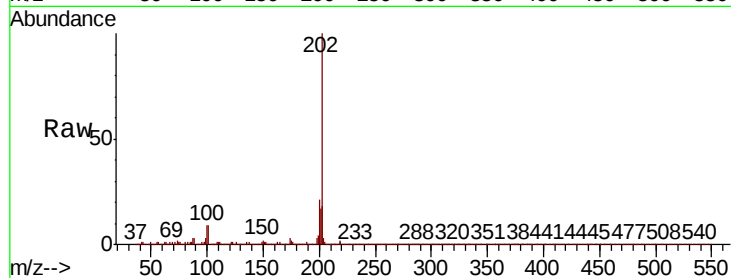
#78
Pvrene
Concen: 5.022 ng
RT: 17.69 min Scan# 2653
Delta R.T. -0.02 min
Lab File: BP001057.D
Acq: 15 Nov 2019 23:56

Instrument :
BNA_P
ClientSampleId :
5-(6-8)

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	17.2	25.8
203	18.3	14.0	21.0

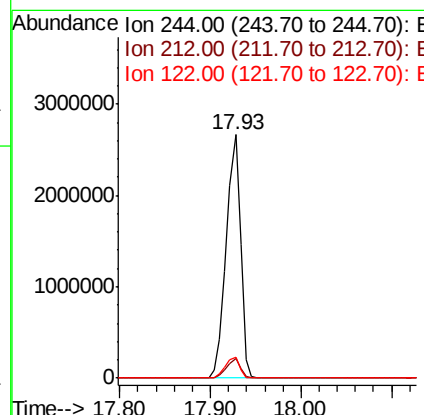
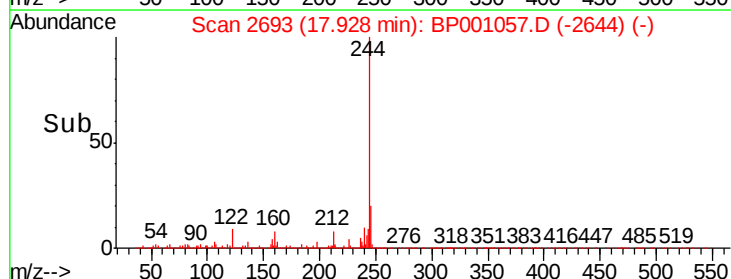
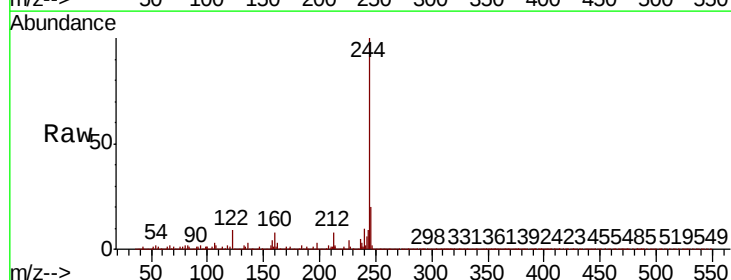
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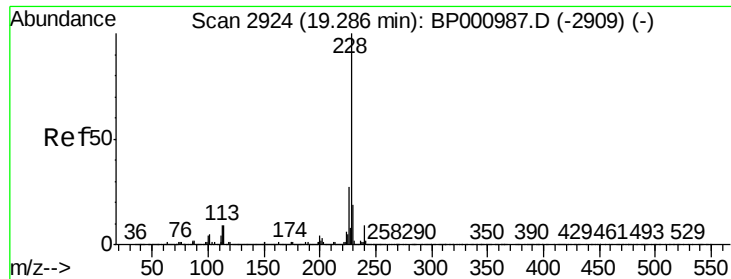
mohammad
11/18/2019 3:06:40 PM



#79
Terphenyl-d14
Concen: 86.453 ng
RT: 17.93 min Scan# 2693
Delta R.T. -0.01 min
Lab File: BP001057.D
Acq: 15 Nov 2019 23:56

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.9	6.0	9.0
122	8.5	7.4	11.2





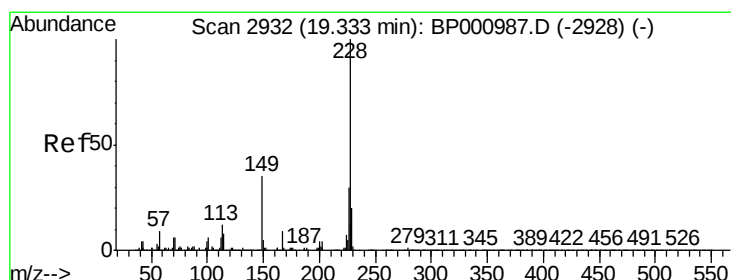
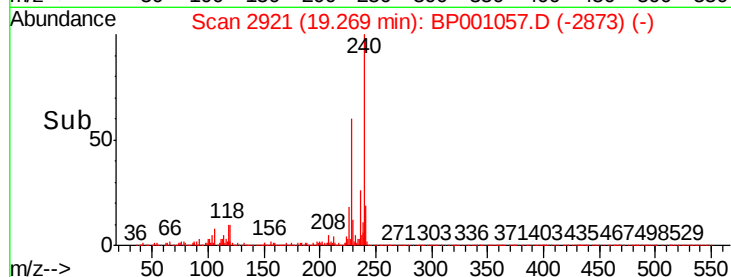
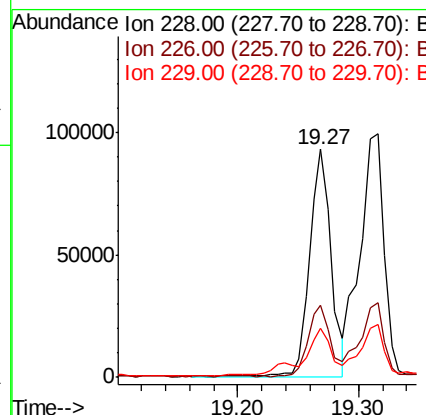
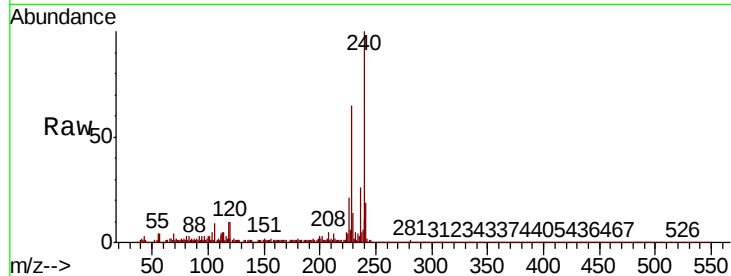
#81
Benzo(a)anthracene
Concen: 2.559 ng
RT: 19.27 min Scan# 2921
Delta R.T. -0.02 min
Lab File: BP001057.D
Acq: 15 Nov 2019 23:56

Instrument :
BNA_P
ClientSampled :
5-(6-8)

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.8	21.8	32.8
229	21.4	15.6	23.4

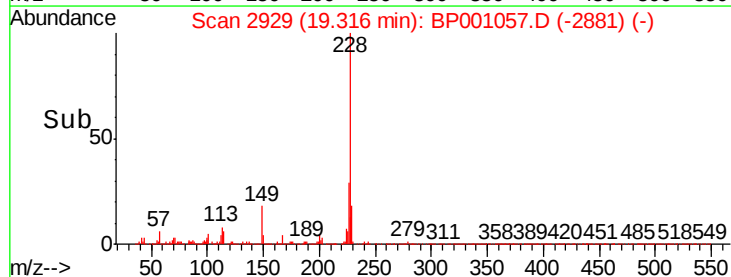
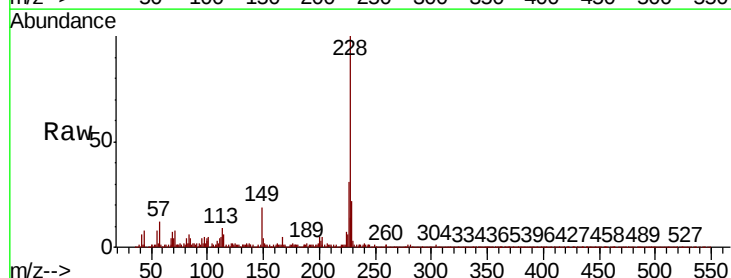
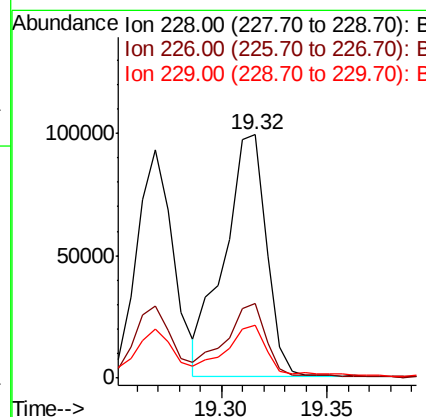
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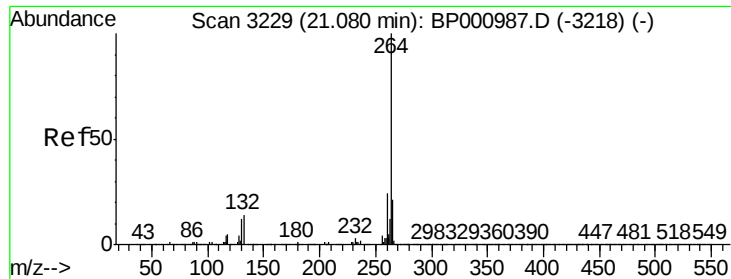
mohammad
11/18/2019 3:06:40 PM



#83
Chrysene
Concen: 3.475 ng
RT: 19.32 min Scan# 2929
Delta R.T. -0.02 min
Lab File: BP001057.D
Acq: 15 Nov 2019 23:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.2
229	21.7	15.8	23.6





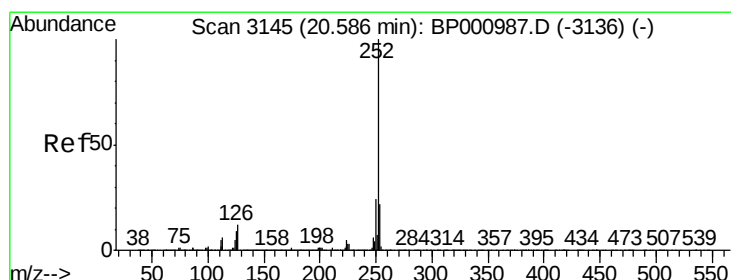
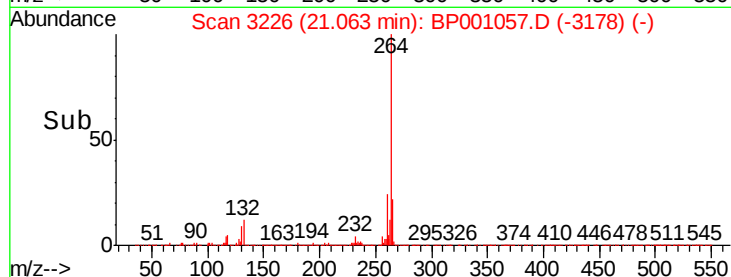
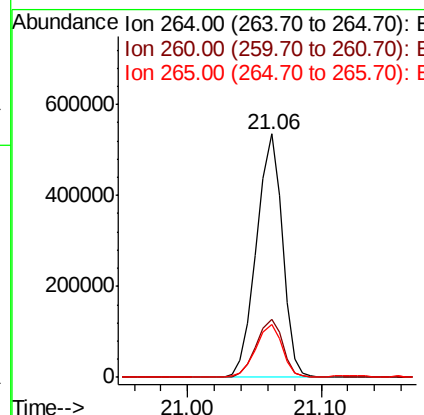
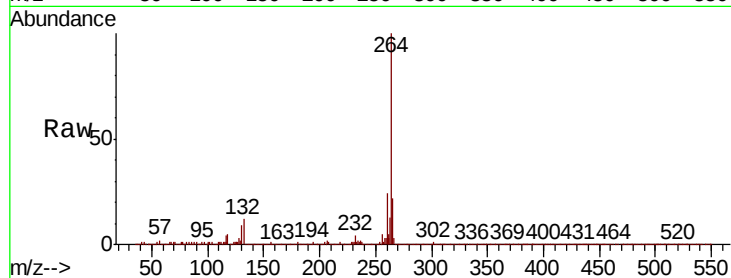
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 21.06 min Scan# 3226
 Delta R.T. -0.02 min
 Lab File: BP001057.D
 Acq: 15 Nov 2019 23:56

Instrument :
 BNA_P
 ClientSampleId :
 5-(6-8)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.9	17.1	25.7

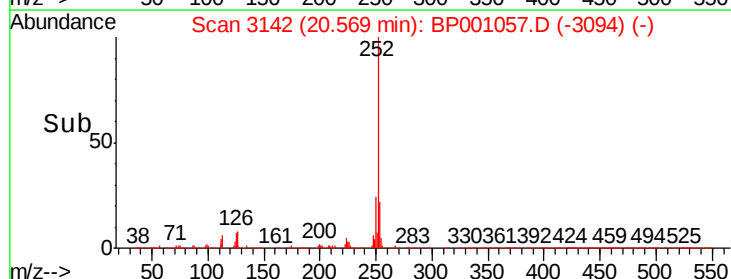
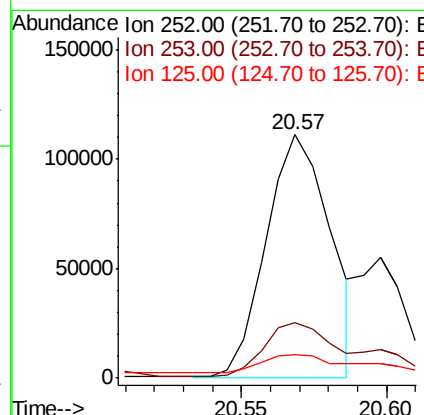
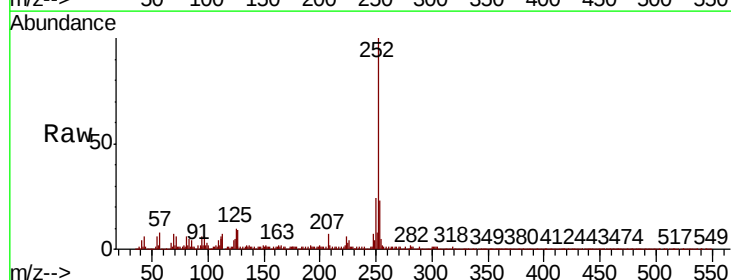
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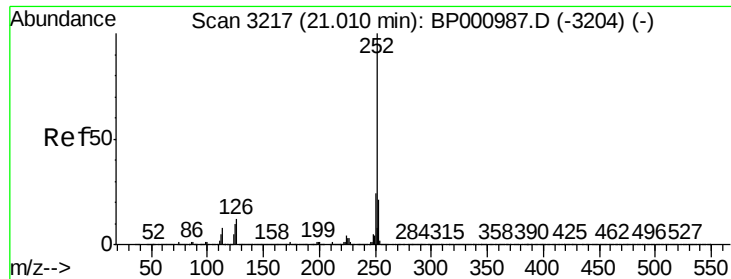
mohammad
 11/18/2019 3:06:40 PM



#88
 Benzo(b)fluoranthene
 Concen: 4.043 ng m
 RT: 20.57 min Scan# 3142
 Delta R.T. -0.02 min
 Lab File: BP001057.D
 Acq: 15 Nov 2019 23:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	9.7	7.3	10.9





#90

Benzo(a)pyrene

Concen: 2.250 ng

RT: 20.99 min Scan# 3213

Delta R.T. -0.02 min

Lab File: BP001057.D

Acq: 15 Nov 2019 23:56

Instrument :

BNA_P

ClientSampleId :

5-(6-8)

Tot Ion:	252	Resp:	88065
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.1	25.7
125	10.4	7.6	11.4

Manual Integrations
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mohammad
11/18/2019 3:06:40 PM

