

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001130.D
 Acq On : 02 Dec 2019 17:14
 Operator : JU
 Sample : K6022-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-16-S

Manual Integrations
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Quant Time: Dec 02 17:54:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	166731	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	638179	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	342314	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	590938	20.00	ng	0.00
76) Chrysene-d12	19.27	240	423756	20.00	ng	0.00
87) Perylene-d12	21.05	264	463403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	1035209	103.01	ng	0.00
7) Phenol-d6	7.77	99	1452177	108.46	ng	0.00
23) Nitrobenzene-d5	9.21	82	951897	64.71	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	286890	87.44	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1473724	63.01	ng	0.00
79) Terphenyl-d14	17.91	244	1388271	60.61	ng	0.00
Target Compounds						
50) Dimethylphthalate	12.81	163	253709	9.910	ng	100
71) Phenanthrene	15.66	178	150309	4.838	ng	99
75) Fluoranthene	17.37	202	221660	6.739	ng	99
78) Pyrene	17.67	202	197053	5.904	ng	97
81) Benzo(a)anthracene	19.26	228	96328	3.279	ng	93
83) Chrysene	19.30	228	91489	3.477	ng	97
88) Benzo(b)fluoranthene	20.56	252	102538m	3.623	ng	
90) Benzo(a)pyrene	20.97	252	79888	3.064	ng	99

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

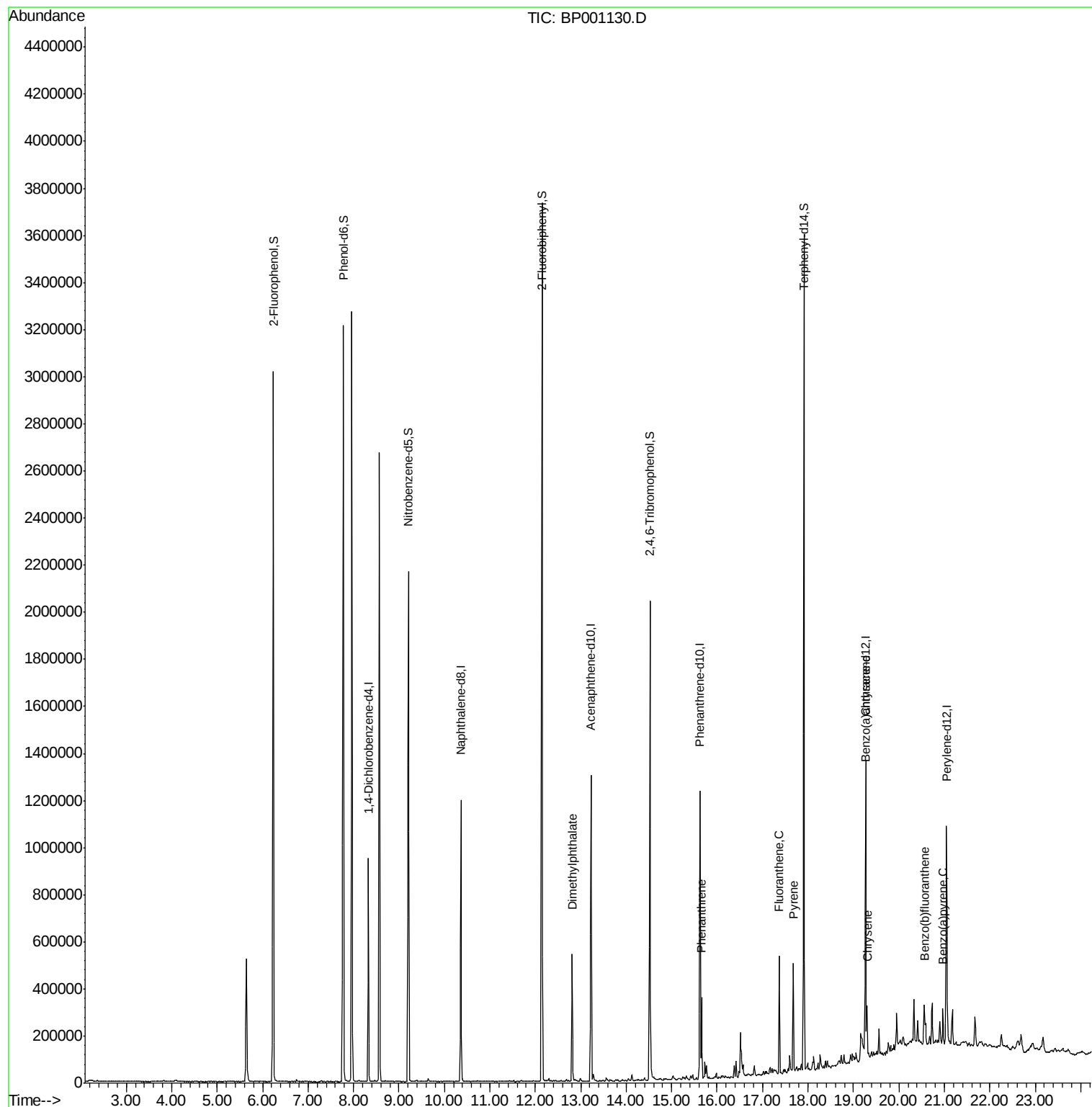
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001130.D
Acq On : 02 Dec 2019 17:14
Operator : JU
Sample : K6022-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

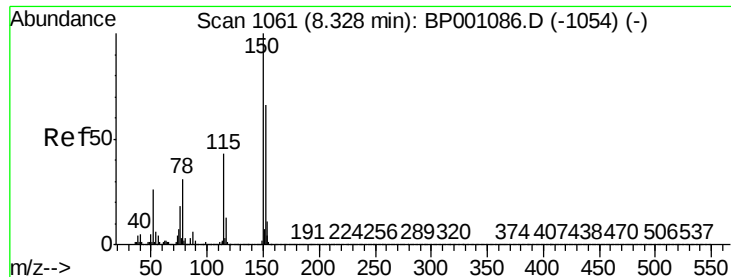
Instrument :
BNA_P
ClientSampleId :
TP-16-S

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QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BP001130.D

Acq: 02 Dec 2019 17:14

Instrument :

BNA_P

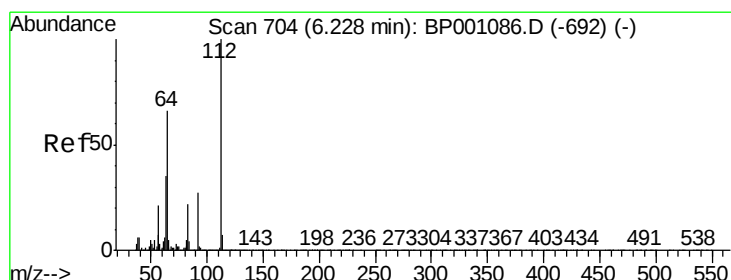
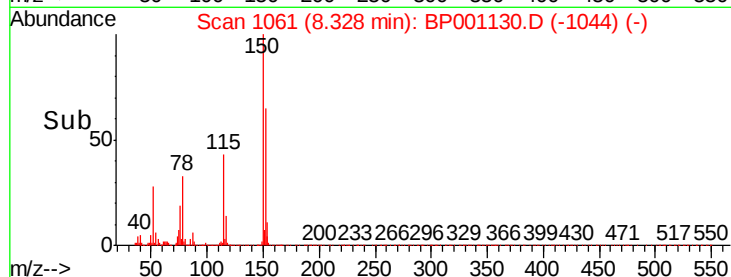
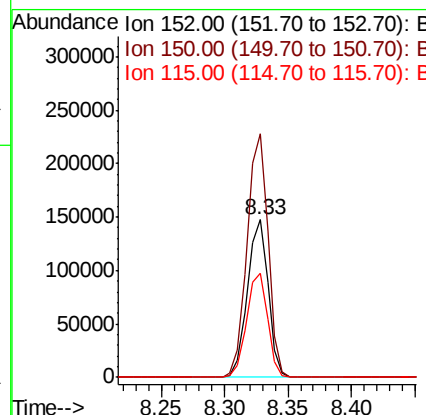
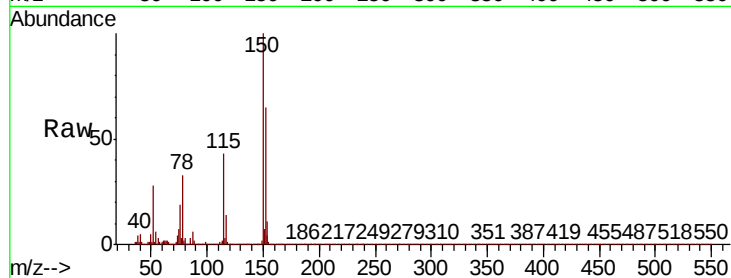
ClientSampleId :

TP-16-S

Tot Ion:	152	Resp:	166731
Ion Ratio	Lower	Upper	
152	100		
150	154.4	120.6	181.0
115	66.0	51.6	77.4

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#5

2-Fluorophenol

Concen: 103.010 ng

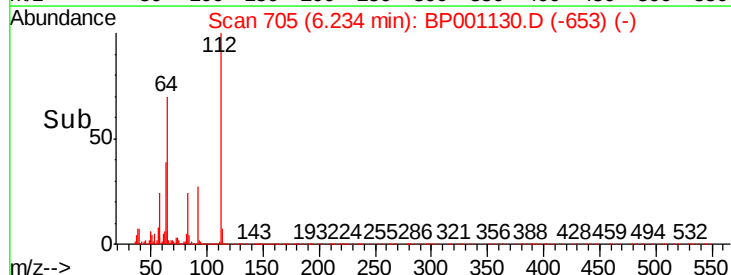
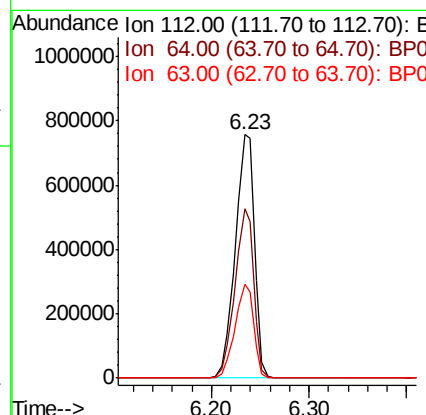
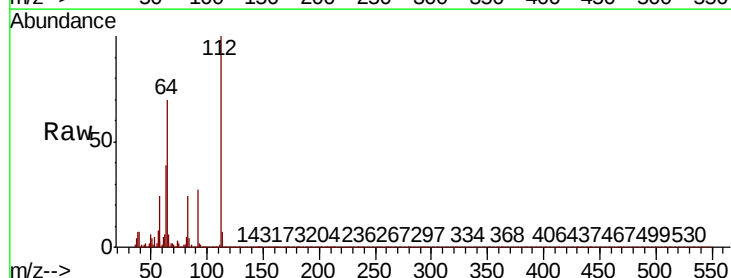
RT: 6.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BP001130.D

Acq: 02 Dec 2019 17:14

Tgt Ion:	112	Resp:	1035209
Ion Ratio	Lower	Upper	
112	100		
64	69.7	52.8	79.2
63	38.6	28.2	42.2





#7

Phenol-d6

Concen: 108.464 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001130.D

Acq: 02 Dec 2019 17:14

Instrument :

BNA_P

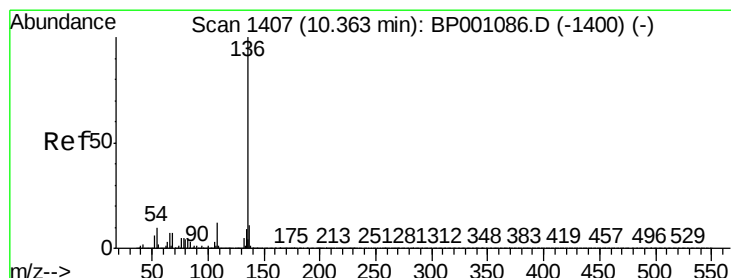
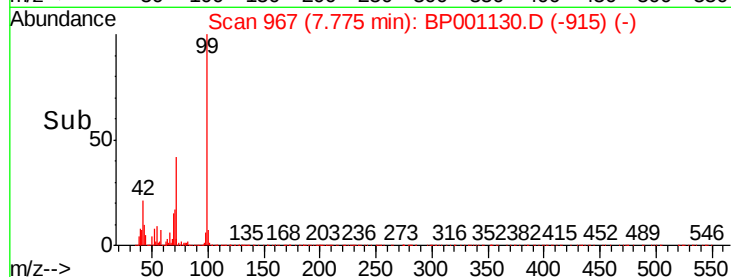
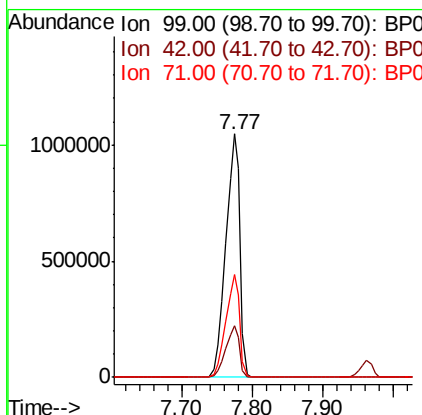
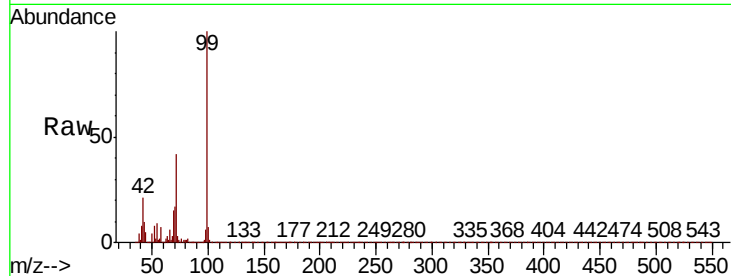
ClientSampled :

TP-16-S

Tot Ion:	99	Resp:	1452177
Ion	Ratio	Lower	Upper
99	100		
42	21.1	15.4	23.0
71	42.3	30.8	46.2

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#21

Naphthalene-d8

Concen: 20.000 ng

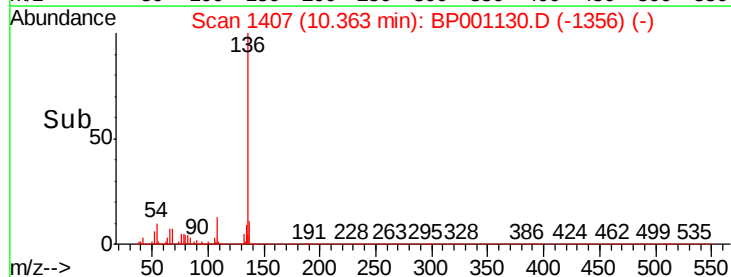
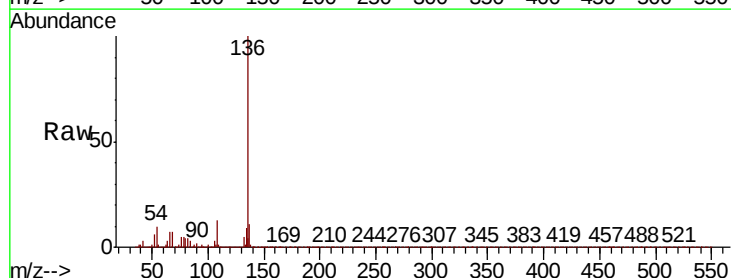
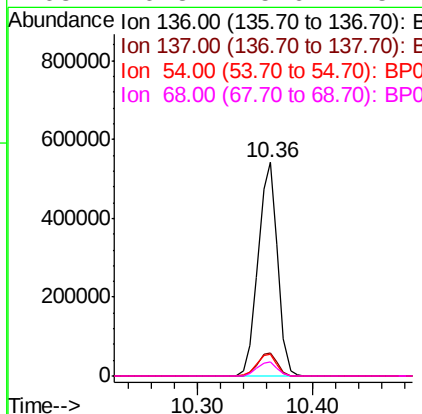
RT: 10.36 min Scan# 1407

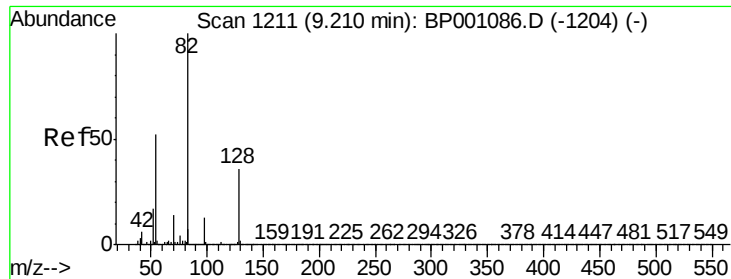
Delta R.T. 0.00 min

Lab File: BP001130.D

Acq: 02 Dec 2019 17:14

Tgt Ion:	136	Resp:	638179
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.9	7.9	11.9
68	6.8	5.6	8.4





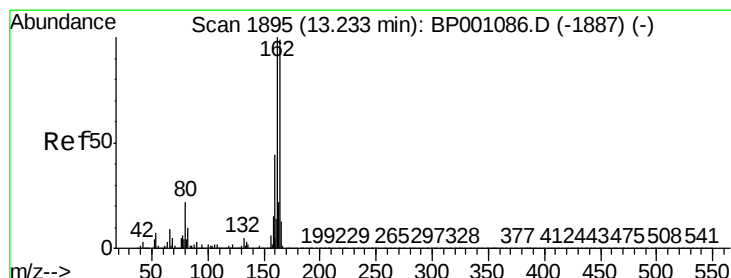
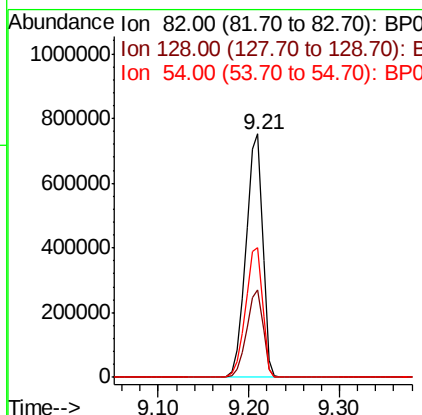
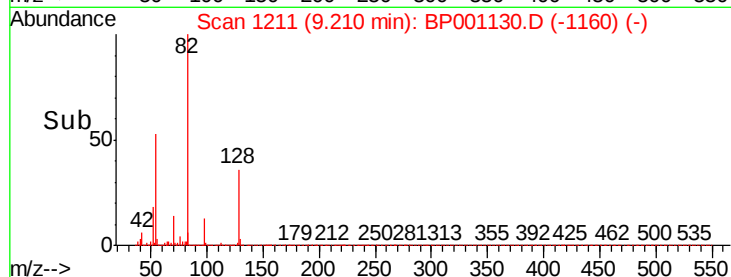
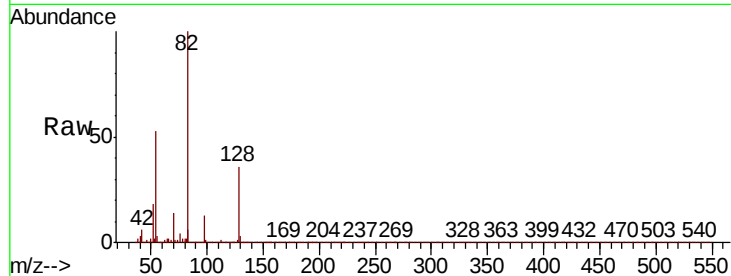
#23
Nitrobenzene-d5
Concen: 64.714 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Instrument :
BNA_P
ClientSampleId :
TP-16-S

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.0	28.9	43.3
54	53.1	41.9	62.9

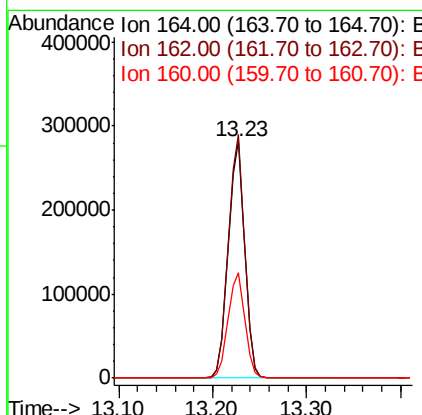
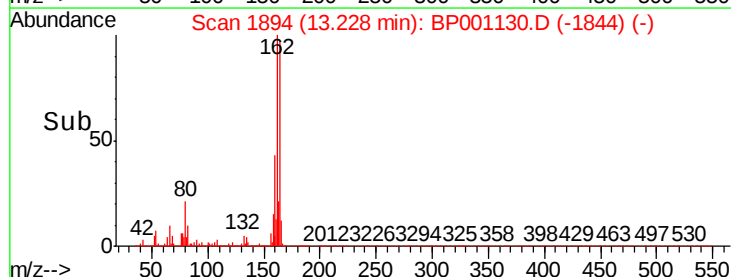
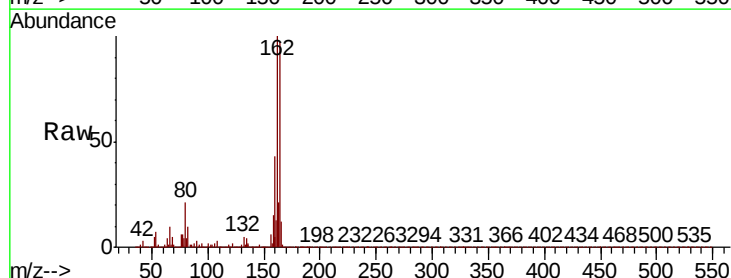
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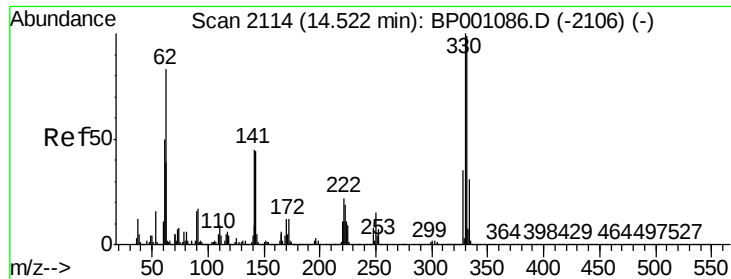
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.6	120.8
160	44.4	35.4	53.2





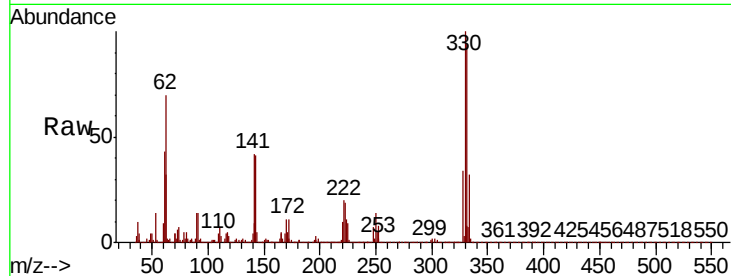
#42
2,4,6-Tribromophenol
Concen: 87.438 ng
RT: 14.52 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Instrument :
BNA_P
ClientSampleId :
TP-16-S

Tot Ion	Ratio	Resp	Lower	Upper
330	100	286890		
332	95.7	77.6	116.4	
141	44.8	34.2	51.2	

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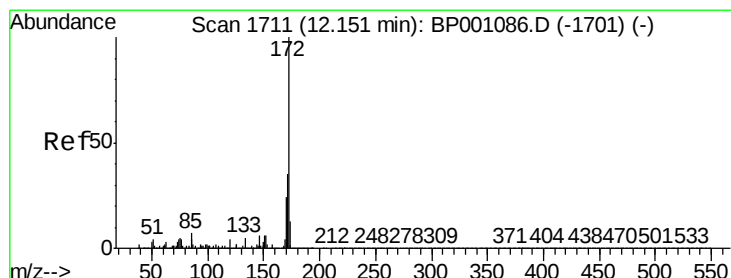
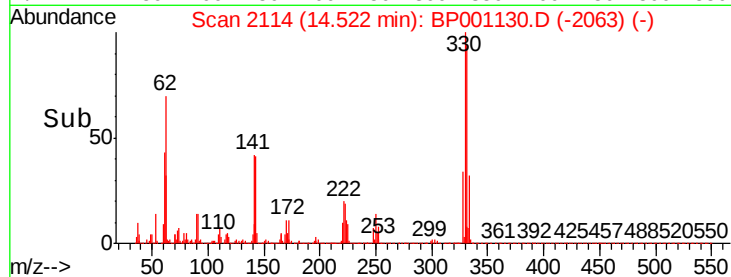
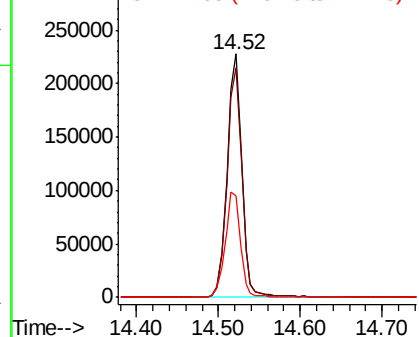


Abundance

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



#45
2-Fluorobiphenyl
Concen: 63.010 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

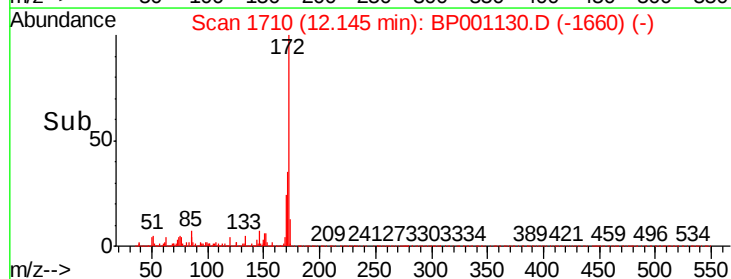
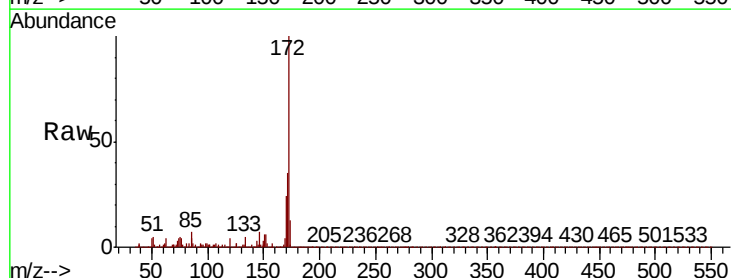
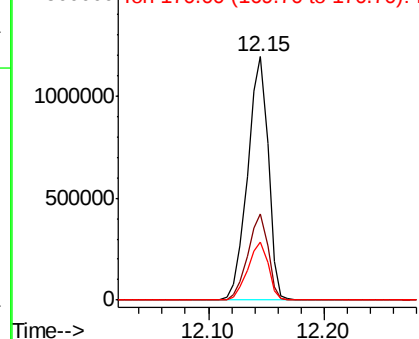
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1473724		
171	35.5	27.9	41.9	
170	23.8	19.0	28.4	

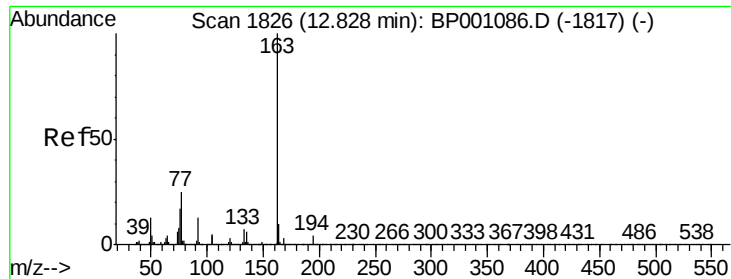
Abundance

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





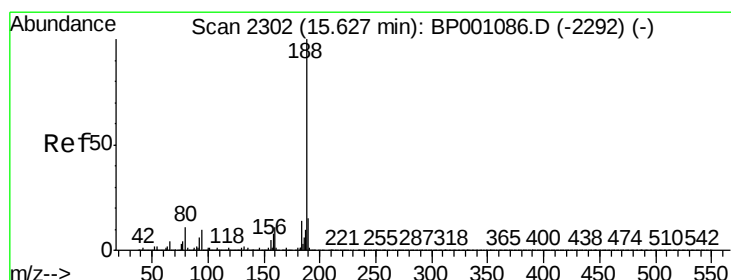
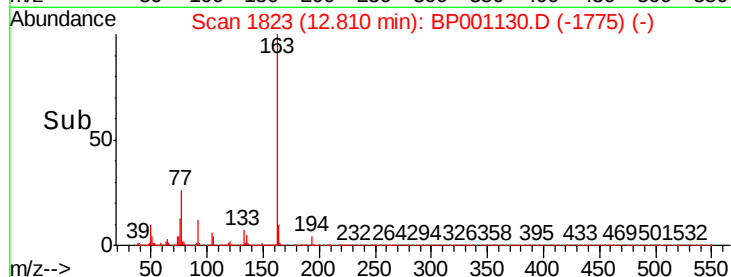
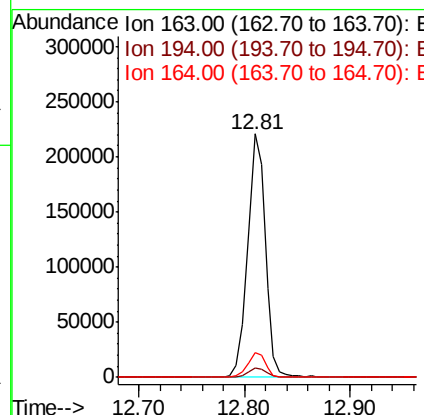
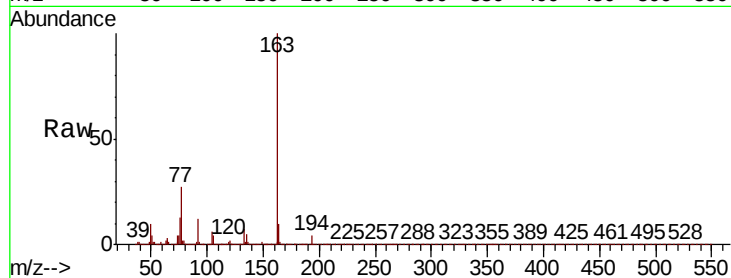
#50
Dimethylphthalate
Concen: 9.910 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Instrument :
BNA_P
ClientSampleId :
TP-16-S

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.1	8.1	12.1

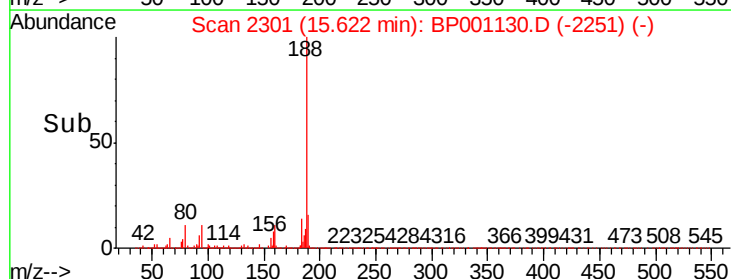
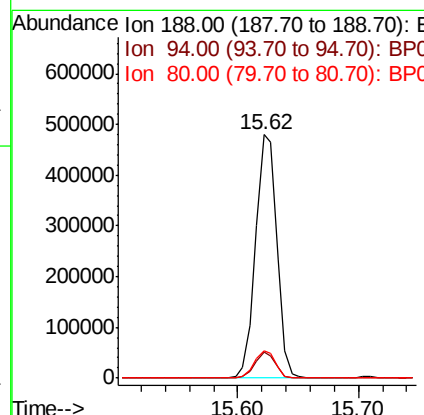
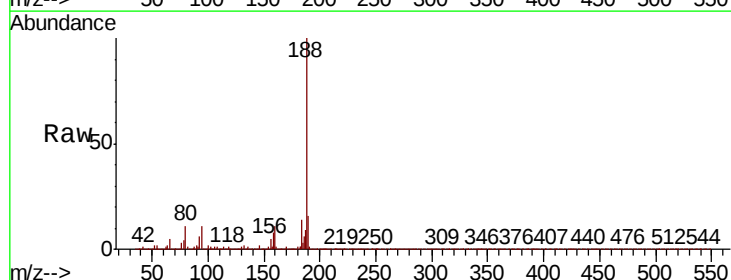
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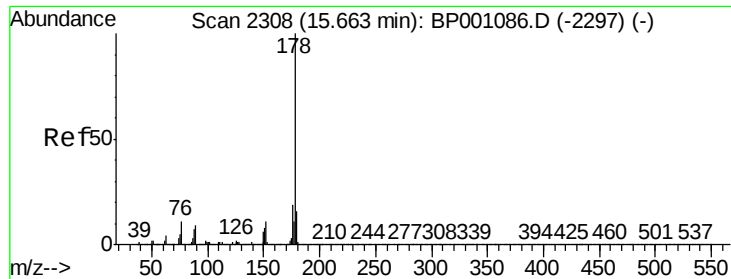
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	10.8	7.9	11.9
80	11.3	8.8	13.2





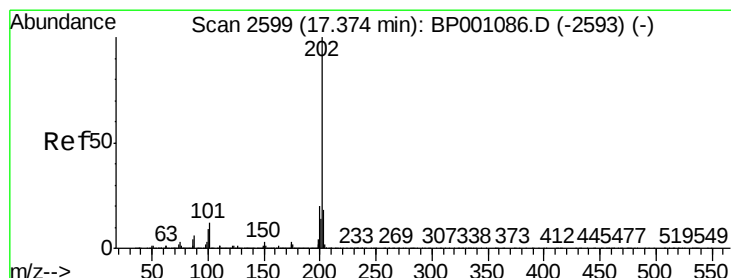
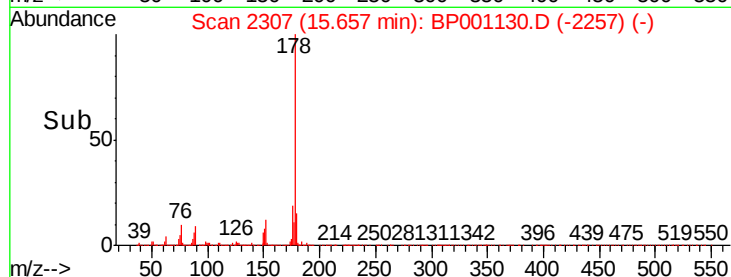
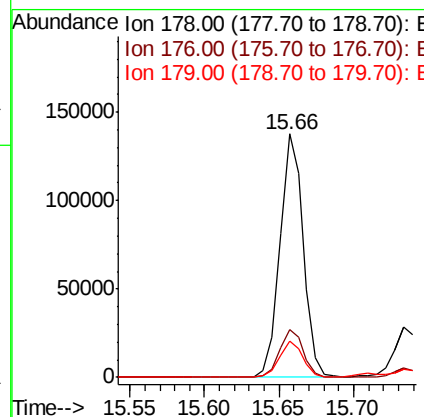
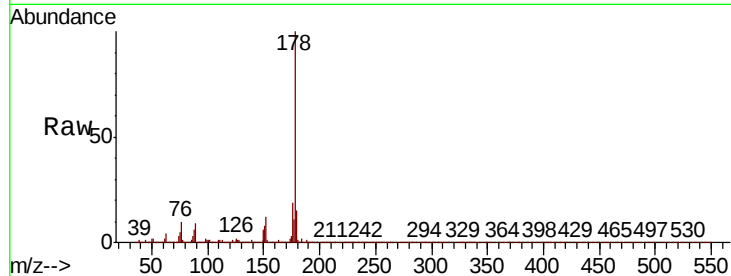
#71
Phenanthrene
Concen: 4.838 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Instrument :
BNA_P
ClientSampleId :
TP-16-S

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	14.8	12.5	18.7

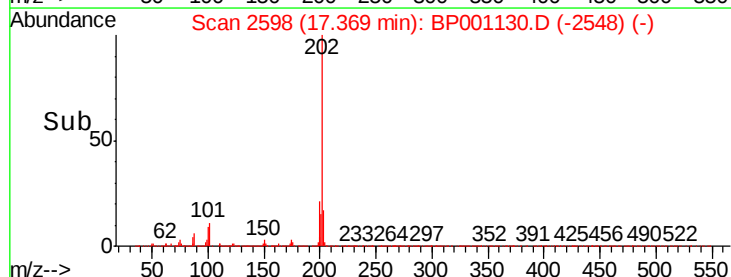
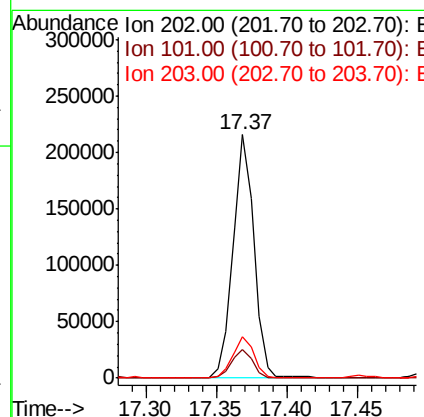
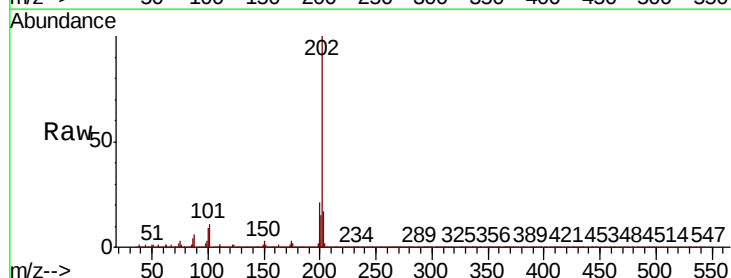
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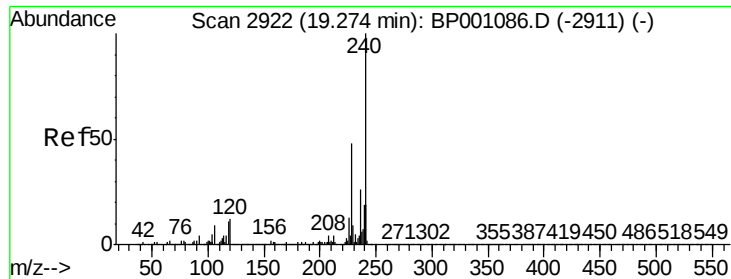
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#75
Fluoranthene
Concen: 6.739 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	32.1
203	17.2	0.0	37.8





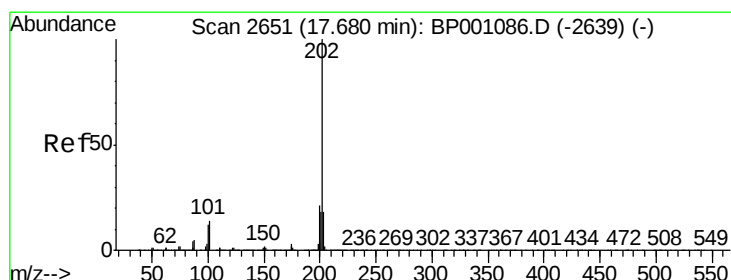
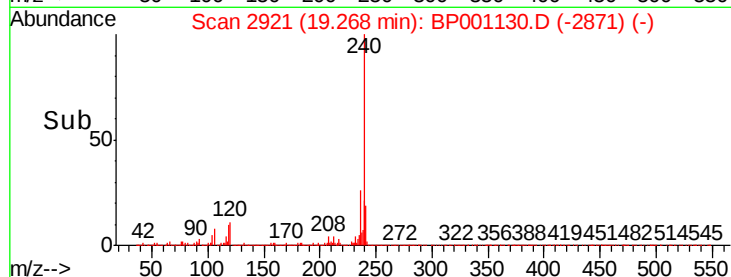
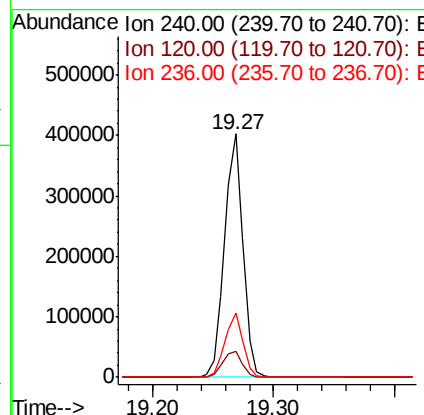
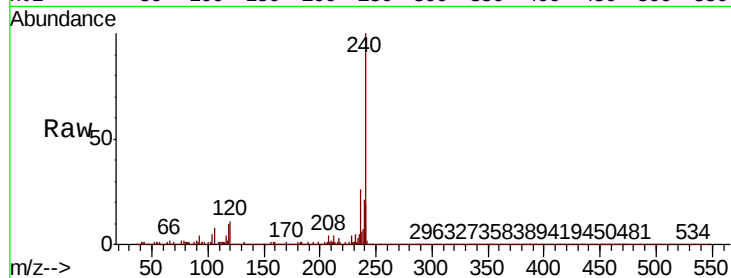
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.27 min Scan# 2921
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Instrument :
BNA_P
ClientSampled :
TP-16-S

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	26.3	20.4	30.6

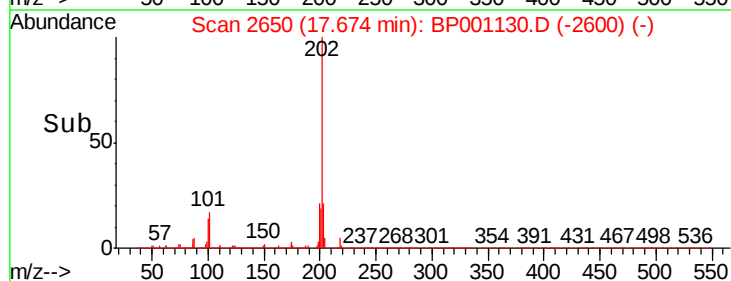
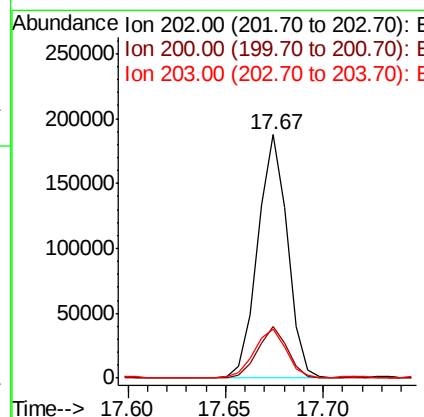
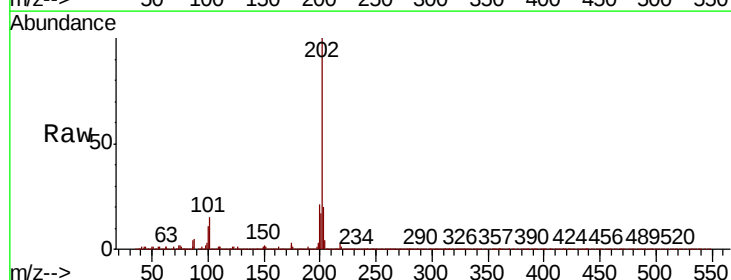
Manual Integrations
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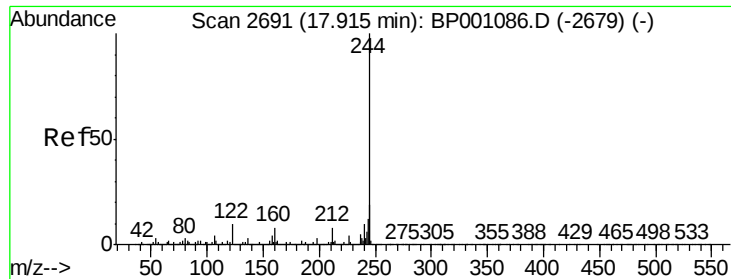
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#78
Pyrene
Concen: 5.904 ng
RT: 17.67 min Scan# 2650
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.6
203	20.2	14.1	21.1





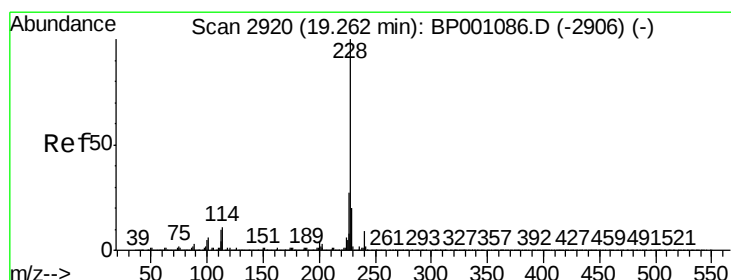
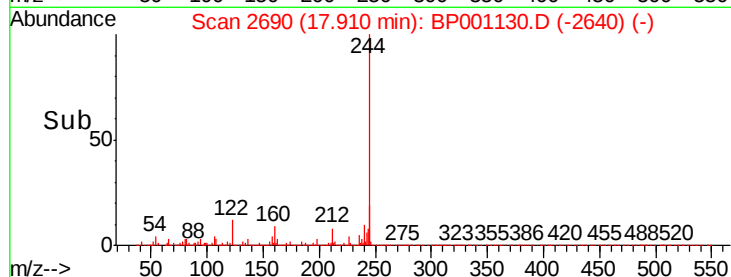
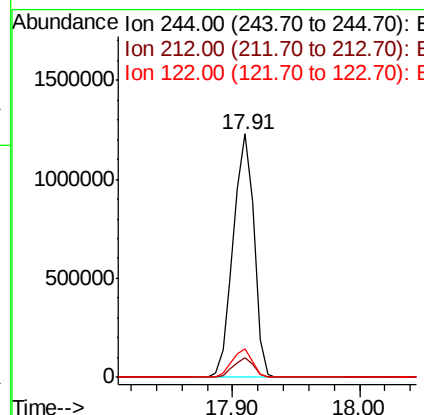
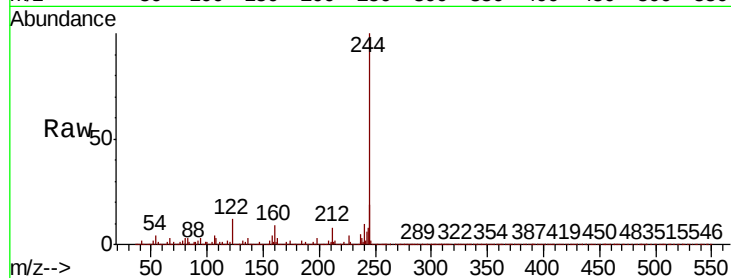
#79
Terphenyl-d14
Concen: 60.611 ng
RT: 17.91 min Scan# 2690
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Instrument :
BNA_P
ClientSampleId :
TP-16-S

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	11.7	8.2	12.2

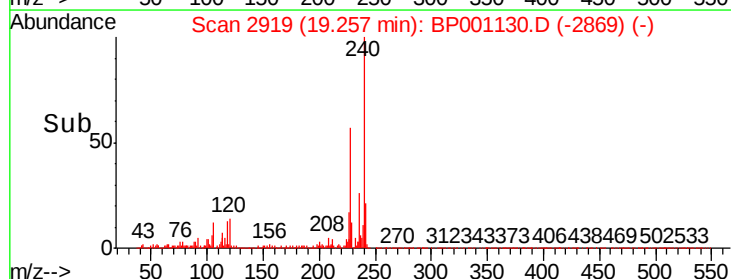
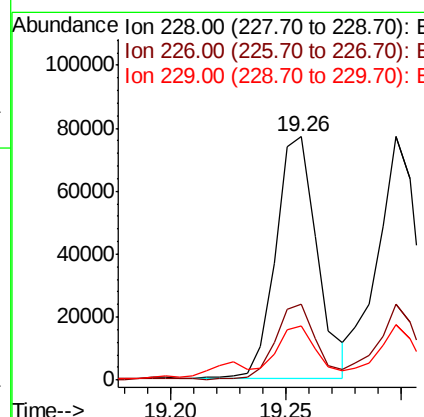
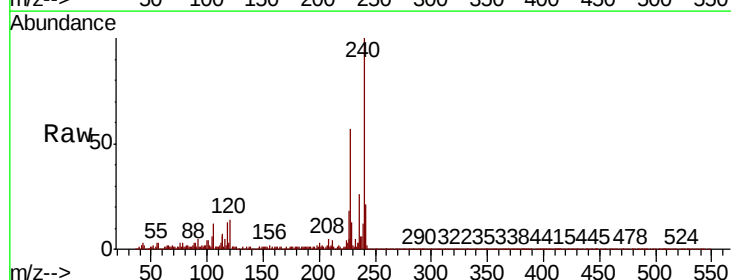
Manual Integrations
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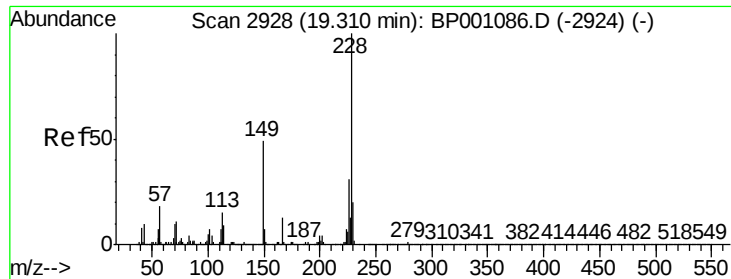
mohammad
12/4/2019 4:59:15 PM



#81
Benzo(a)anthracene
Concen: 3.279 ng
RT: 19.26 min Scan# 2919
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	21.8	32.6
229	22.2	15.8	23.6





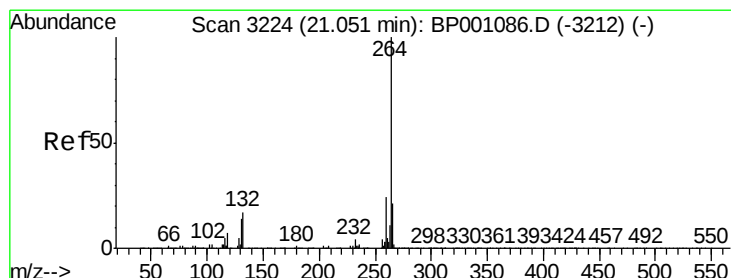
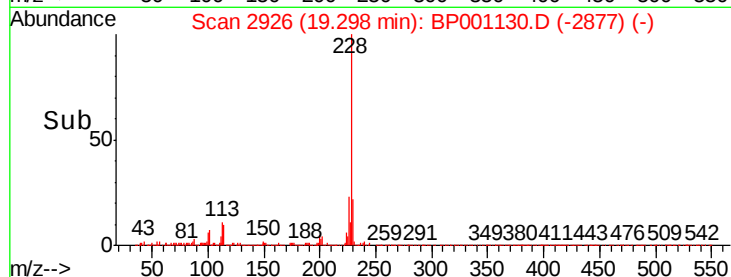
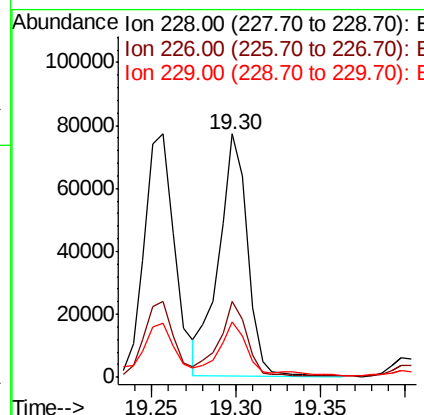
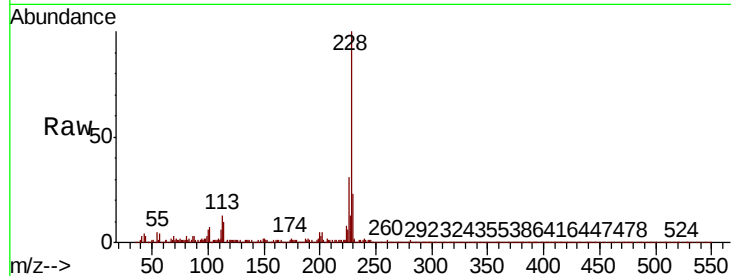
#83
Chrysene
Concen: 3.477 ng
RT: 19.30 min Scan# 2926
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Instrument :
BNA_P
ClientSampled :
TP-16-S

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	22.6	15.7	23.5

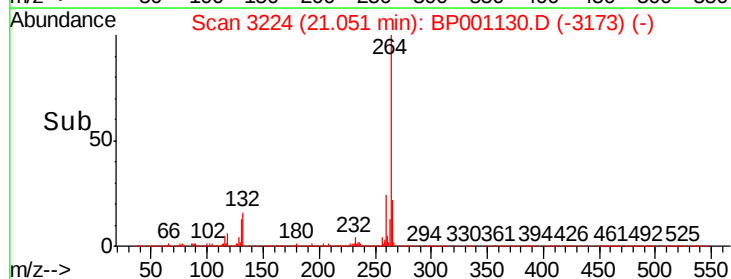
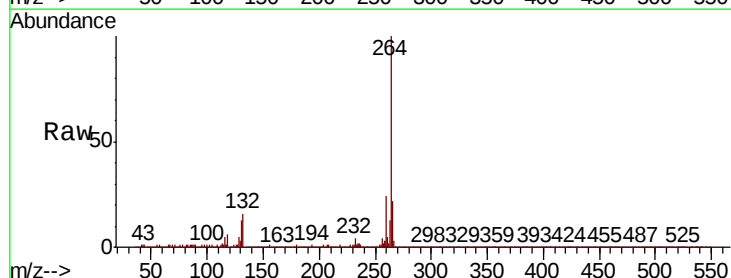
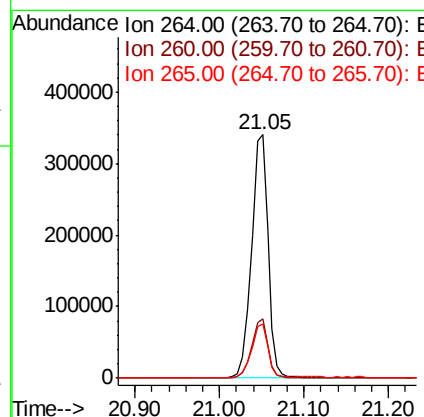
Manual Integrations
APPROVED

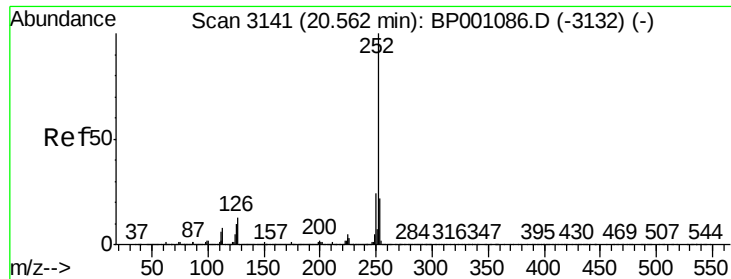
mohammad
12/4/2019 4:59:15 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3224
Delta R.T. 0.00 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.8	28.2
265	22.0	16.9	25.3





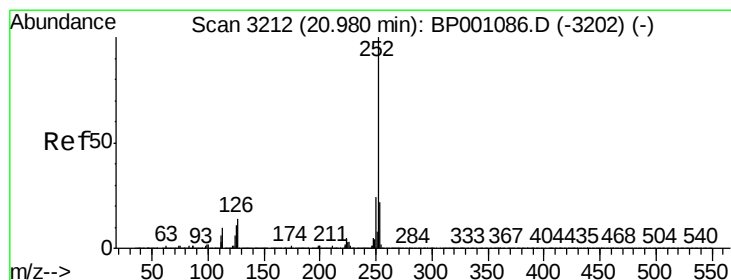
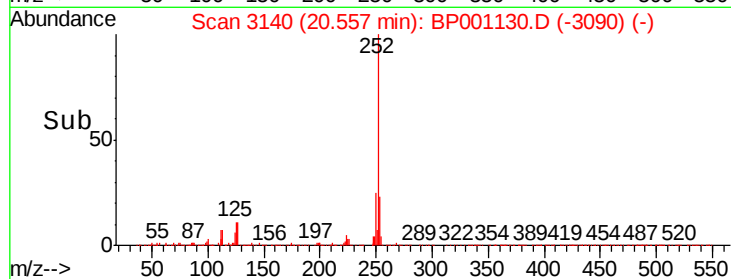
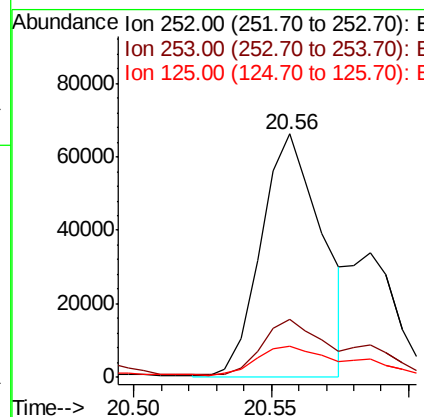
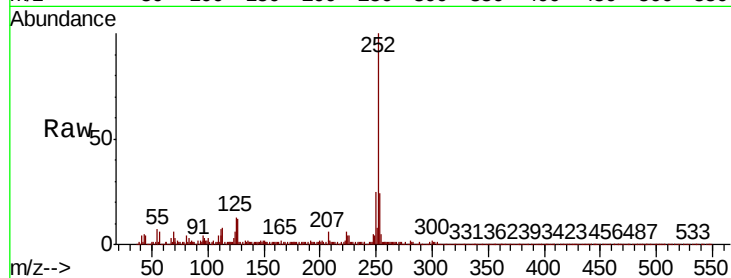
#88
Benzo(b)fluoranthene
Concen: 3.623 ng m
RT: 20.56 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Instrument :
BNA_P
ClientSampleId :
TP-16-S

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	12.6	8.1	12.1

Manual Integrations
APPROVED

mohammad
12/4/2019 4:59:15 PM



#90
Benzo(a)pyrene
Concen: 3.064 ng
RT: 20.97 min Scan# 3210
Delta R.T. -0.01 min
Lab File: BP001130.D
Acq: 02 Dec 2019 17:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	12.2	8.7	13.1

