

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
 Data File : BP001222.D
 Acq On : 05 Dec 2019 20:27
 Operator : JU
 Sample : K5977-02RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WS-112119-0-2-COMP-B1RE

Manual Integrations
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Quant Time: Dec 06 05:13:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	91165	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	327040	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	180416	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	351564	20.00	ng	0.00
76) Chrysene-d12	19.25	240	303554	20.00	ng	-0.01
87) Perylene-d12	21.02	264	322042	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.22	112	217153	39.52	ng	0.00
7) Phenol-d6	7.76	99	625884	85.50	ng	0.00
23) Nitrobenzene-d5	9.19	82	460294	61.06	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	1665	0.96	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	740867	60.10	ng	0.00
79) Terphenyl-d14	17.89	244	920522	56.10	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	12.79	163	127139	9.422	ng	98
71) Phenanthrene	15.64	178	123218	6.667	ng	99
75) Fluoranthene	17.35	202	219701	11.228	ng	98
78) Pyrene	17.65	202	219861	9.196	ng	97
81) Benzo(a)anthracene	19.23	228	105970	5.035	ng	96
83) Chrysene	19.28	228	106493	5.651	ng	97
86) Indeno(1,2,3-cd)pyrene	22.65	276	56532	2.545	ng	98
88) Benzo(b)fluoranthene	20.53	252	121018m	6.152	ng	
89) Benzo(k)fluoranthene	20.56	252	43915m	2.318	ng	
90) Benzo(a)pyrene	20.94	252	90243	4.981	ng	97
92) Benzo(g,h,i)perylene	23.13	276	56755	3.242	ng	99

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

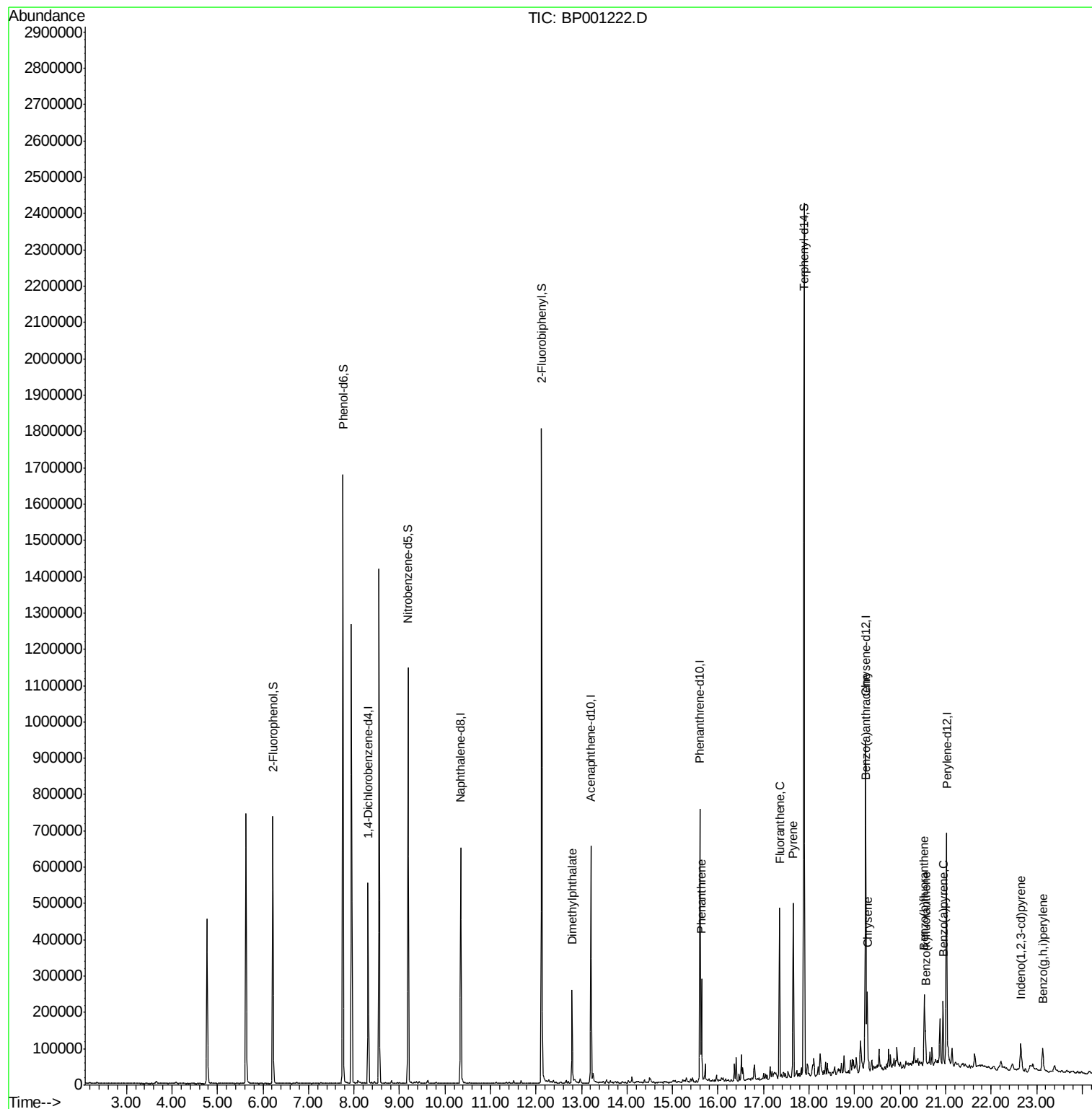
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
Data File : BP001222.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

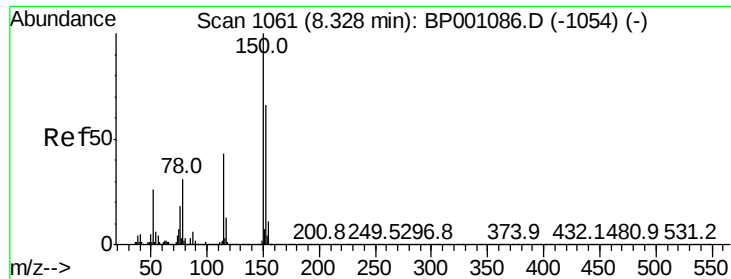
Instrument :
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ClientSampleId :
WS-112119-0-2-COMP-B1RE

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Quant Time: Dec 06 05:13:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BP001222.D

Acq: 05 Dec 2019 20:27

Instrument :

BNA_P

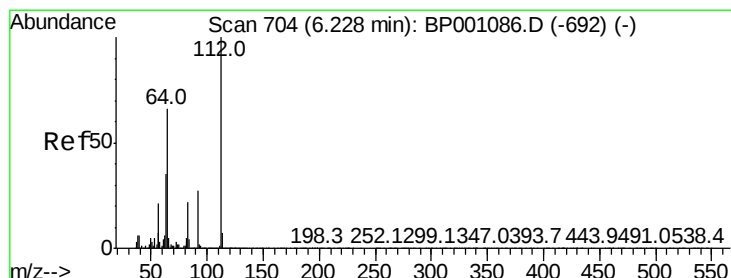
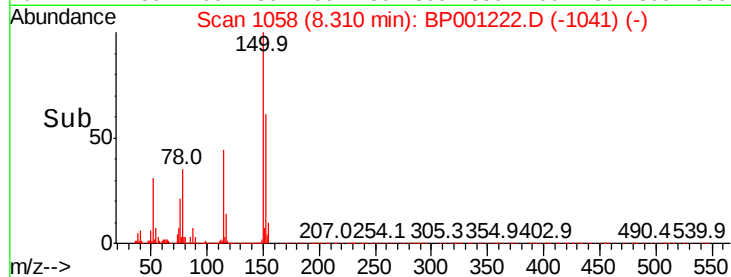
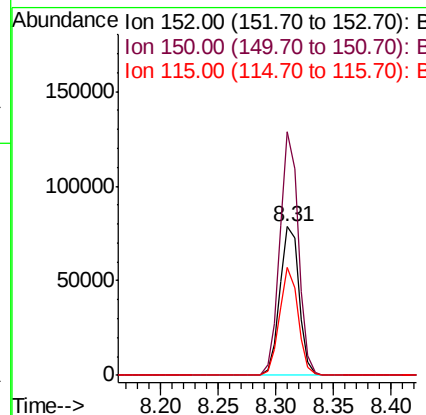
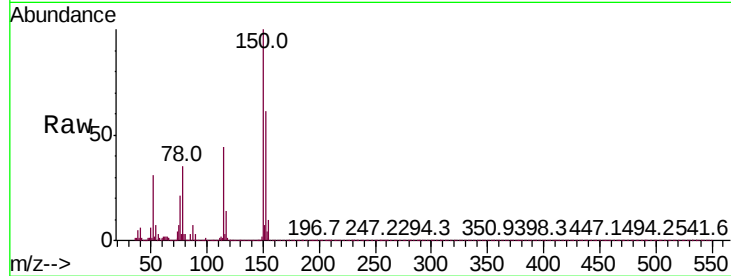
ClientSampleId :

WS-112119-0-2-COMP-B1RE

Tot Ion:	152	Resp:	91165
Ion Ratio	Lower	Upper	
152	100		
150	164.1	127.3	190.9
115	72.4	56.0	84.0

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#5

2-Fluorophenol

Concen: 39.519 ng

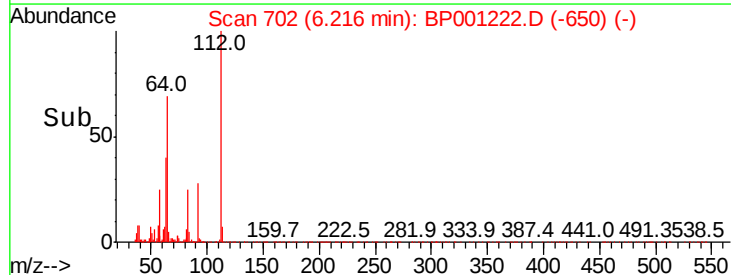
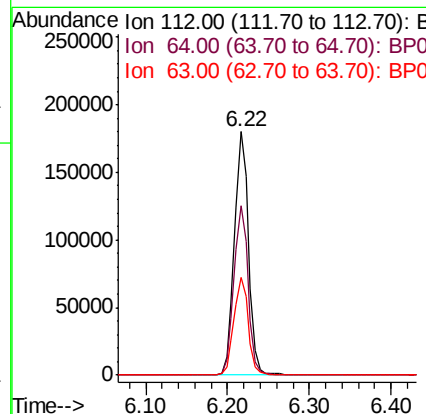
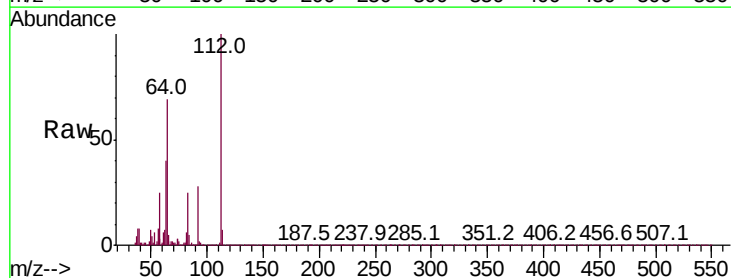
RT: 6.22 min Scan# 702

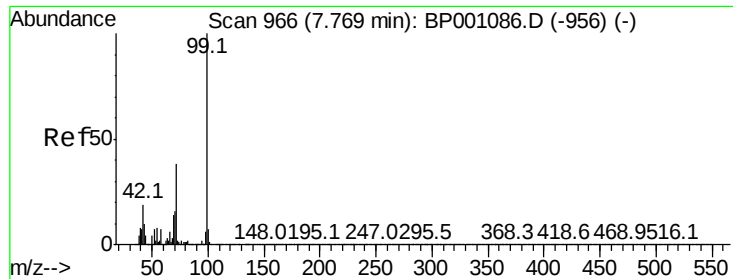
Delta R.T. 0.01 min

Lab File: BP001222.D

Acq: 05 Dec 2019 20:27

Tgt Ion:	112	Resp:	217153
Ion Ratio	Lower	Upper	
112	100		
64	69.5	56.8	85.2
63	39.9	32.2	48.2





#7

Phenol-d6

Concen: 85.497 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001222.D

Acq: 05 Dec 2019 20:27

Instrument :

BNA_P

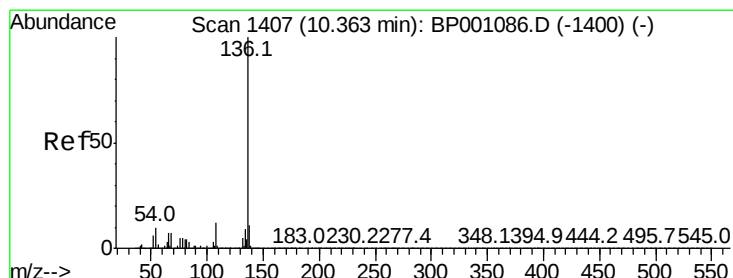
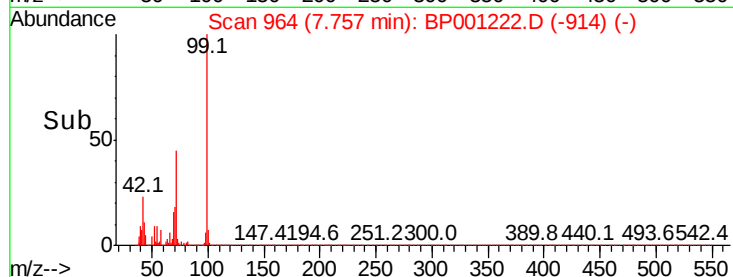
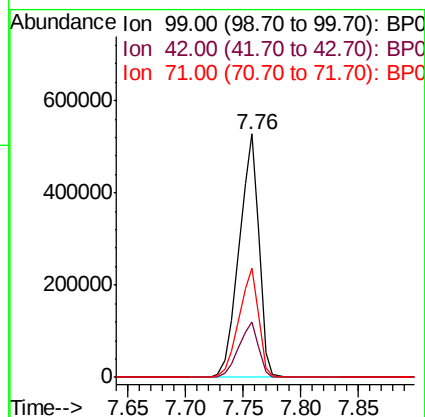
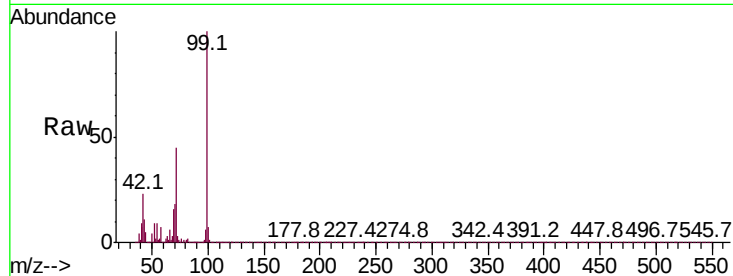
ClientSampleId :

WS-112119-0-2-COMP-B1RE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		625884		
42	22.7	17.6	26.4		
71	44.9	33.8	50.8		

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#21

Naphthalene-d8

Concen: 20.000 ng

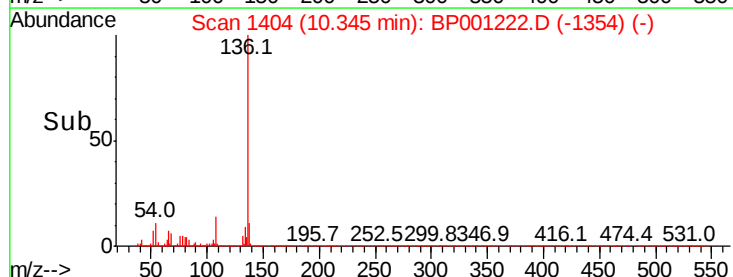
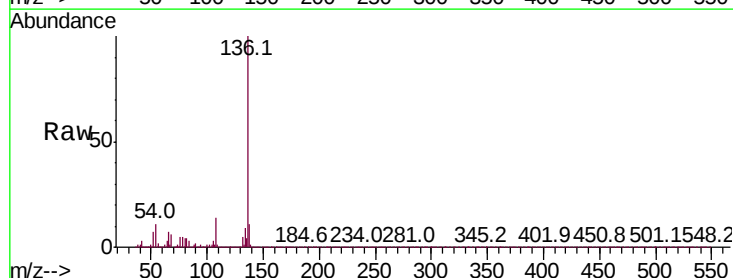
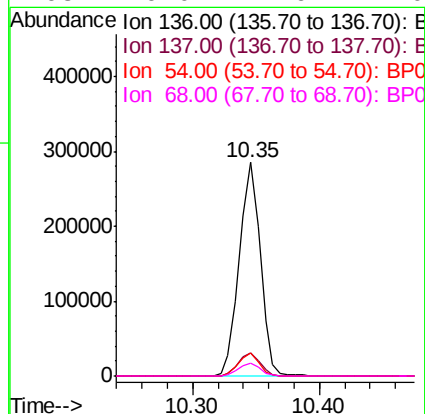
RT: 10.35 min Scan# 1404

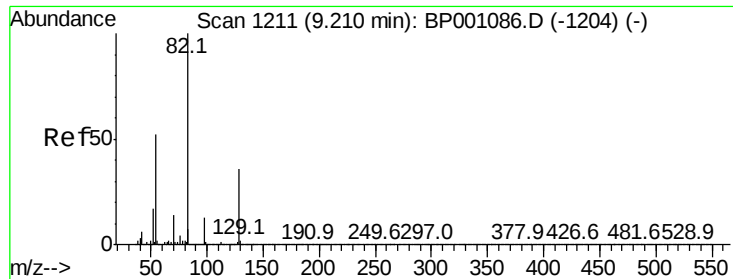
Delta R.T. -0.01 min

Lab File: BP001222.D

Acq: 05 Dec 2019 20:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		327040		
137	10.8	8.4	12.6		
54	11.0	7.4	11.0		
68	6.0	4.6	7.0		





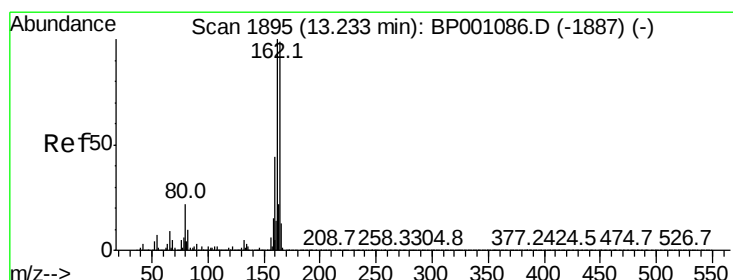
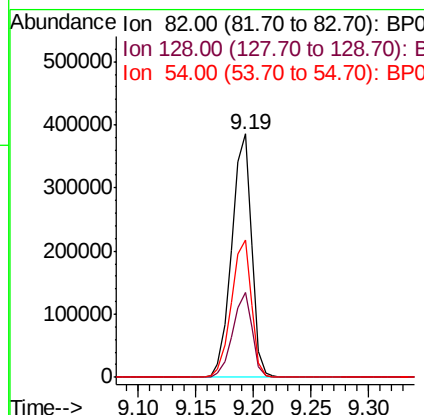
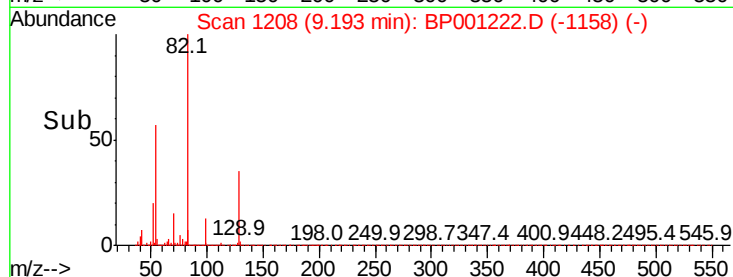
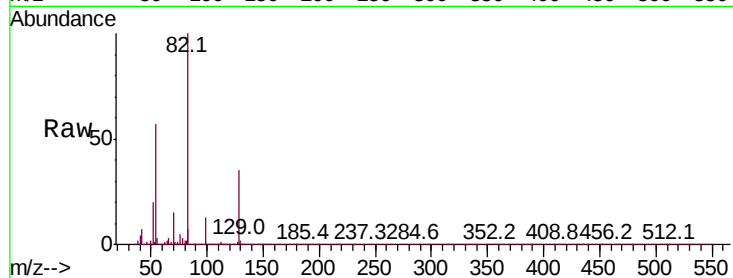
#23
Nitrobenzene-d5
Concen: 61.064 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001222.D
Acq: 05 Dec 2019 20:27

Instrument :
BNA_P
ClientSampleId :
WS-112119-0-2-COMP-B1RE

Tot Ion	82	Resp	460294
Ion Ratio	Lower	Upper	
82	100		
128	34.7	27.5	41.3
54	56.7	45.7	68.5

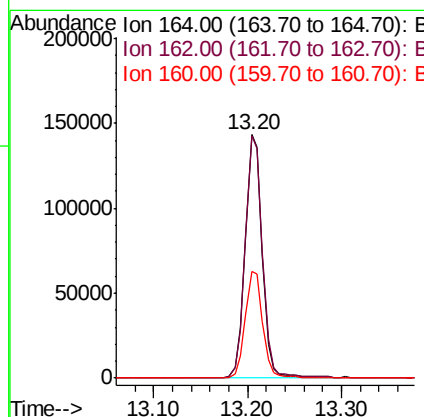
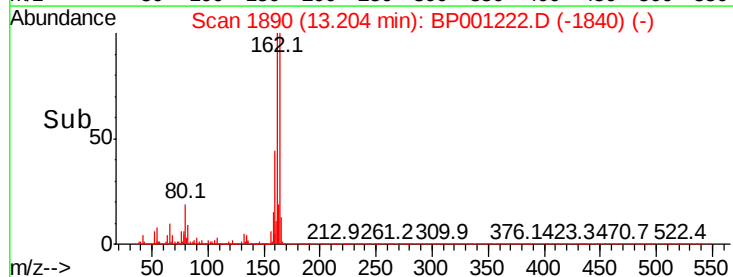
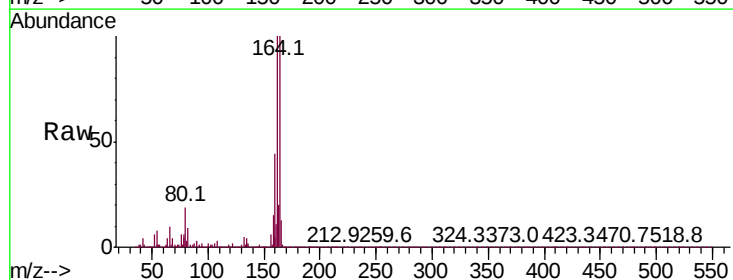
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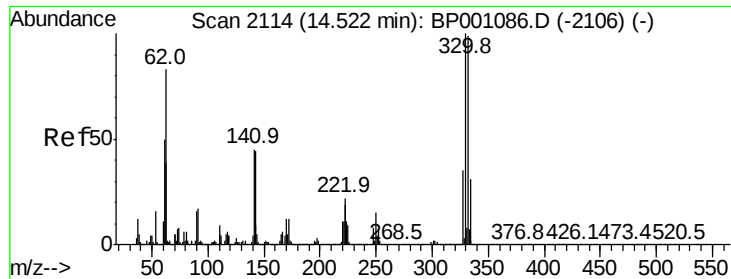
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001222.D
Acq: 05 Dec 2019 20:27

Tgt Ion	164	Resp	180416
Ion Ratio	Lower	Upper	
164	100		
162	99.6	80.7	121.1
160	44.1	36.3	54.5





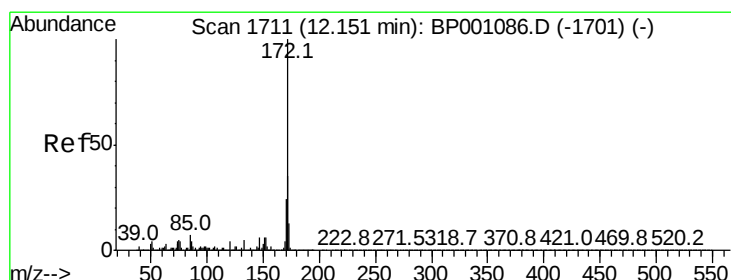
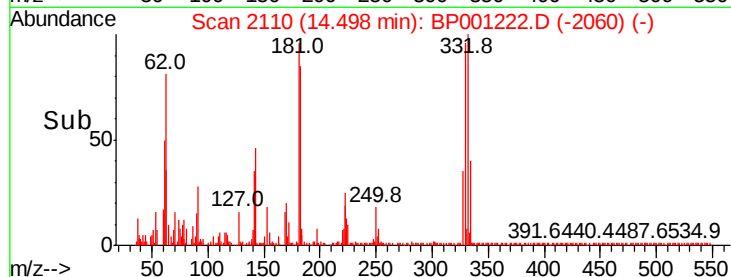
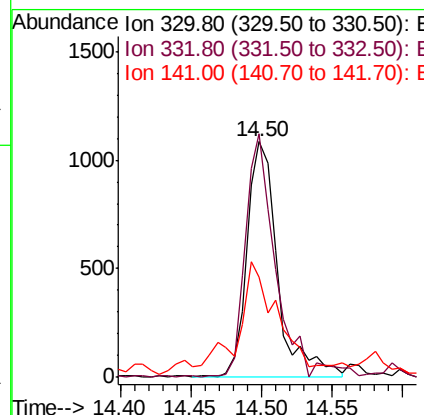
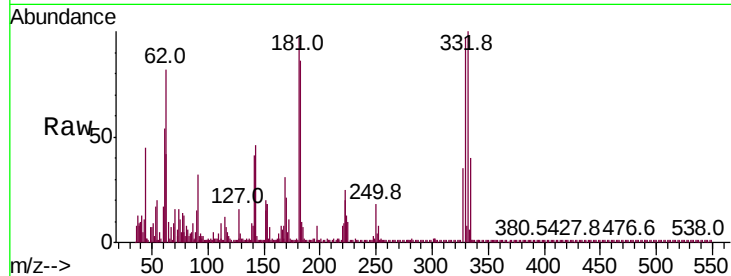
#42
2,4,6-Tribromophenol
Concen: 0.963 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001222.D
Acq: 05 Dec 2019 20:27

Instrument :
BNA_P
ClientSampleId :
WS-112119-0-2-COMP-B1RE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	1665		
332	98.9	79.1	118.7	
141	51.2	35.9	53.9	

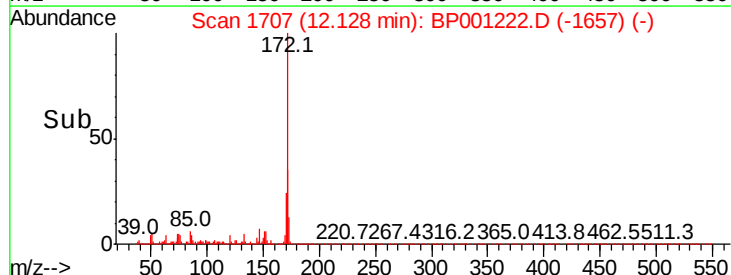
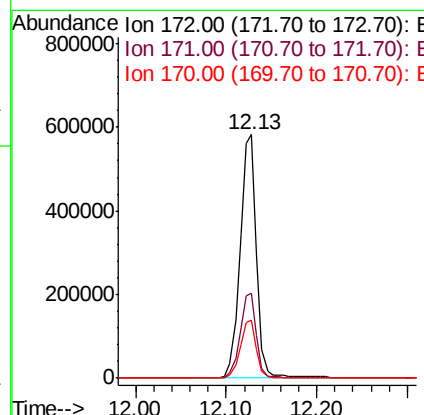
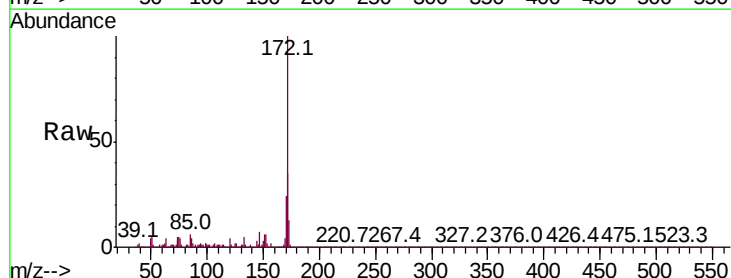
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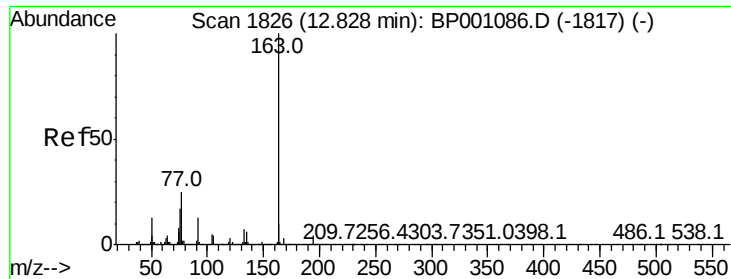
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#45
2-Fluorobiphenyl
Concen: 60.101 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001222.D
Acq: 05 Dec 2019 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	740867		
171	34.7	28.7	43.1	
170	24.0	19.2	28.8	





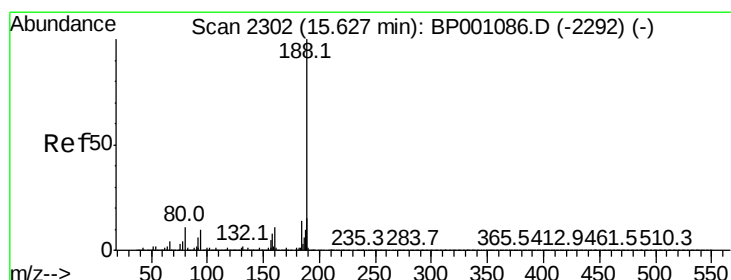
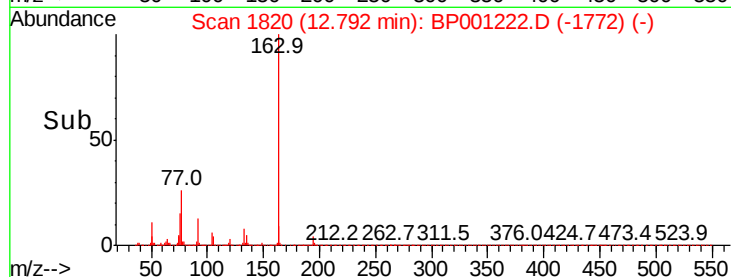
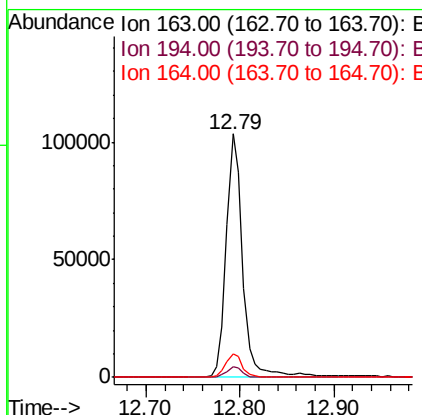
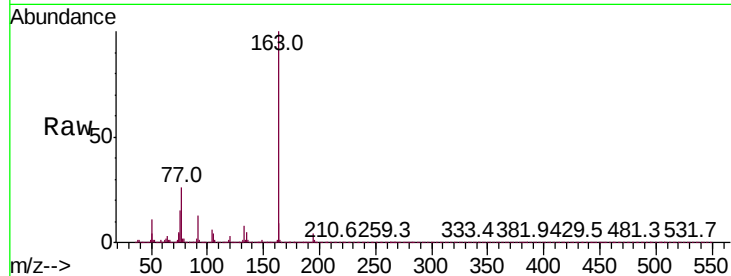
#50
Dimethylphthalate
Concen: 9.422 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BP001222.D
Acq: 05 Dec 2019 20:27

Instrument :
BNA_P
ClientSampleId :
WS-112119-0-2-COMP-B1RE

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.2	3.1	4.7
164	9.4	8.2	12.4

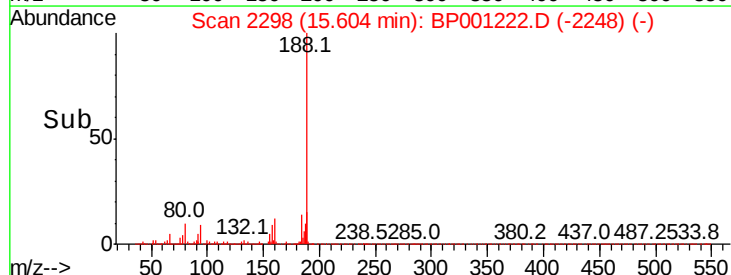
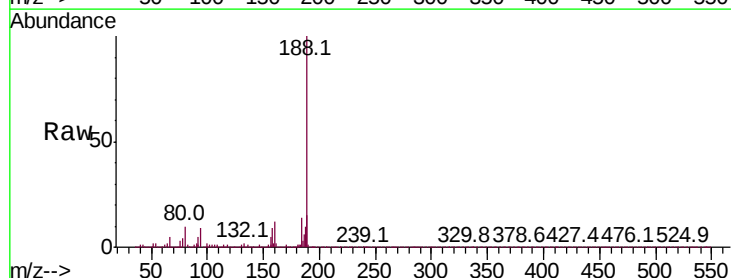
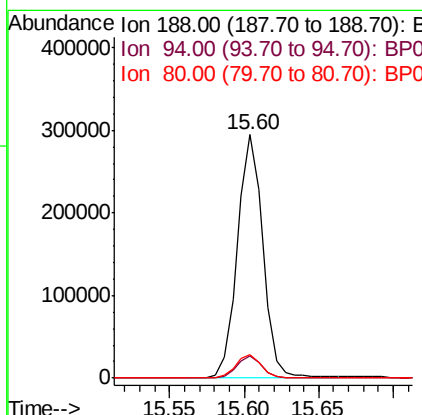
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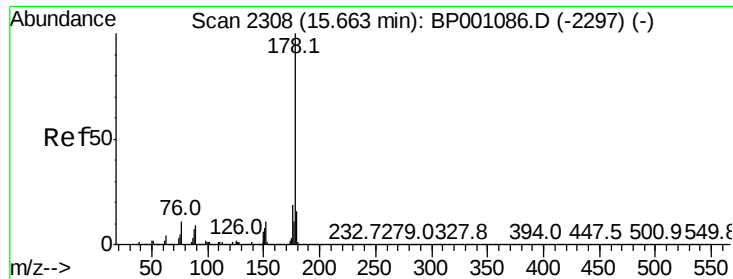
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001222.D
Acq: 05 Dec 2019 20:27

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	9.2	7.1	10.7
80	9.8	7.8	11.6





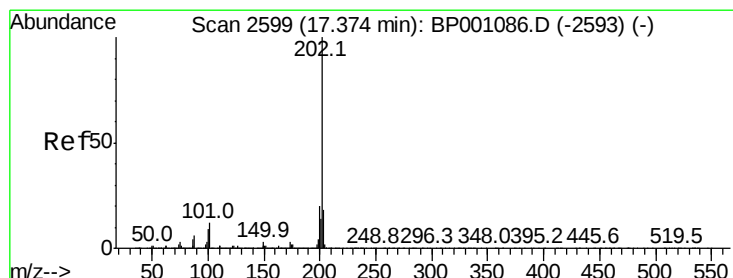
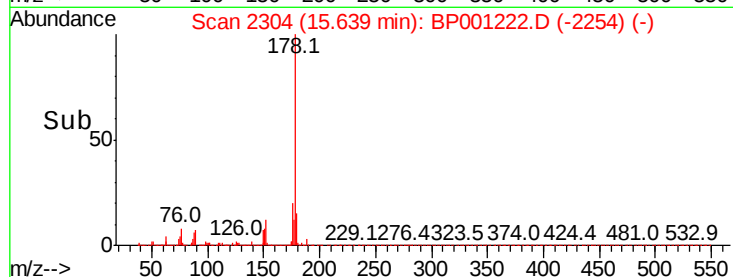
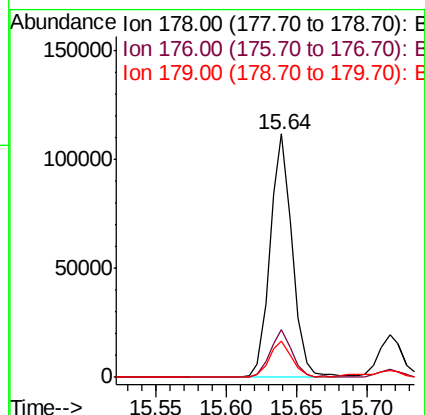
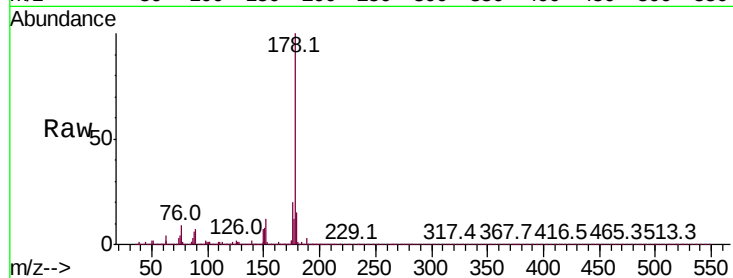
#71
Phenanthrene
Concen: 6.667 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BP001222.D
Acq: 05 Dec 2019 20:27

Instrument :
BNA_P
ClientSampleId :
WS-112119-0-2-COMP-B1RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	14.7	12.4	18.6

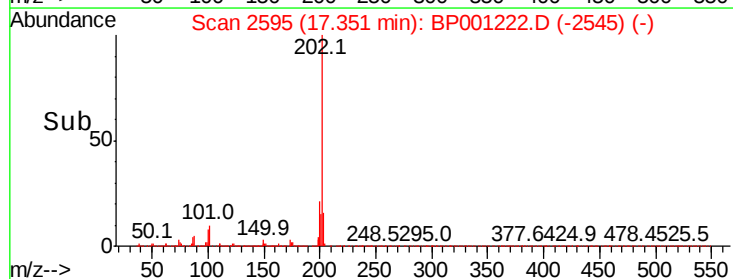
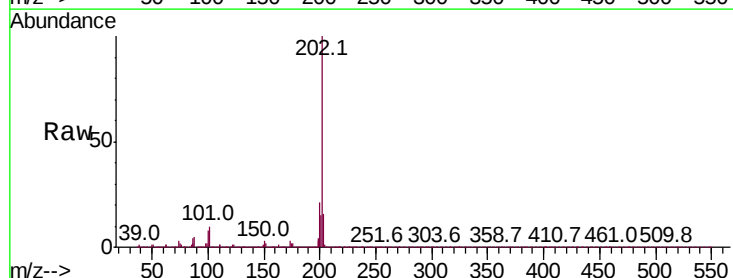
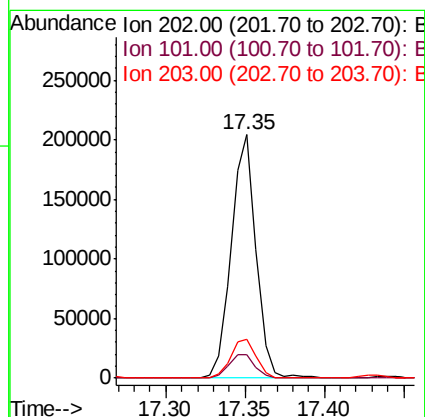
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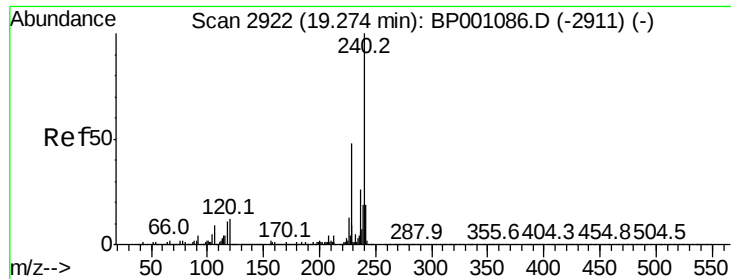
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#75
Fluoranthene
Concen: 11.228 ng
RT: 17.35 min Scan# 2595
Delta R.T. -0.01 min
Lab File: BP001222.D
Acq: 05 Dec 2019 20:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.0
203	16.2	0.0	37.1





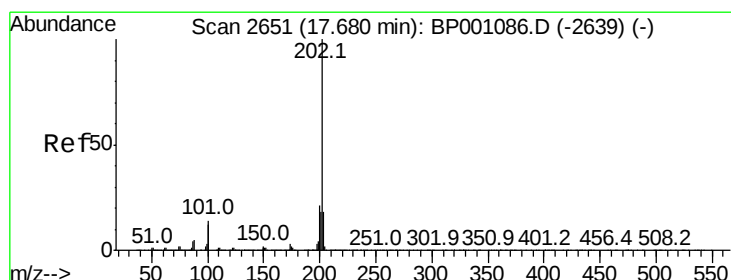
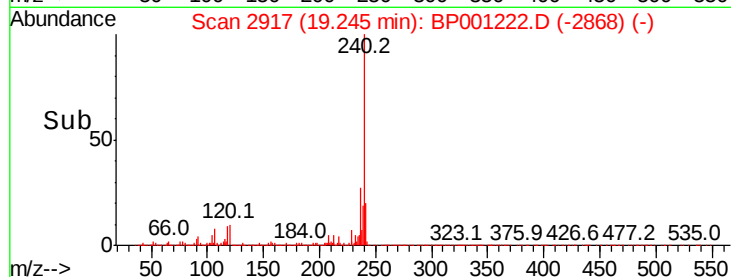
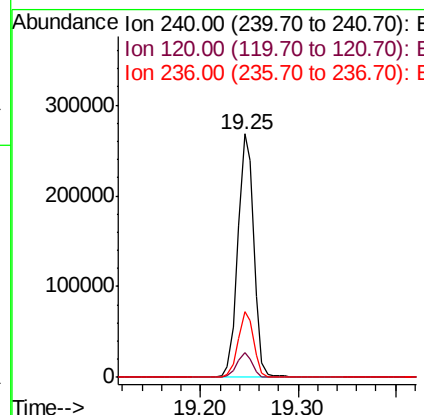
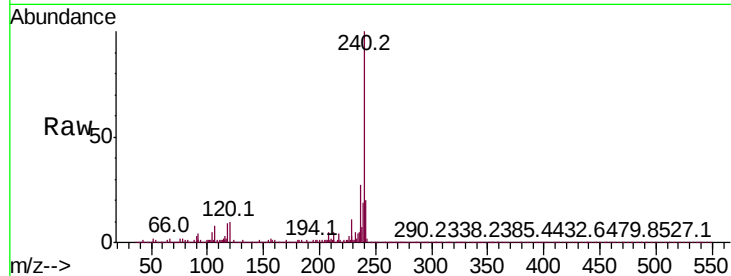
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001222.D
Acq: 05 Dec 2019 20:27

Instrument :
BNA_P
ClientSampleId :
WS-112119-0-2-COMP-B1RE

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.0	10.6
236	27.2	21.7	32.5

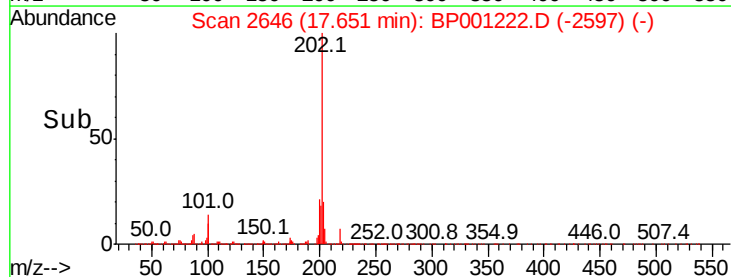
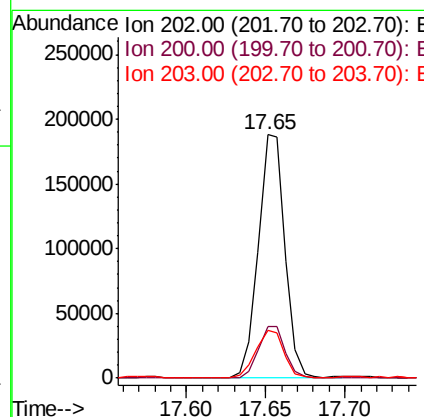
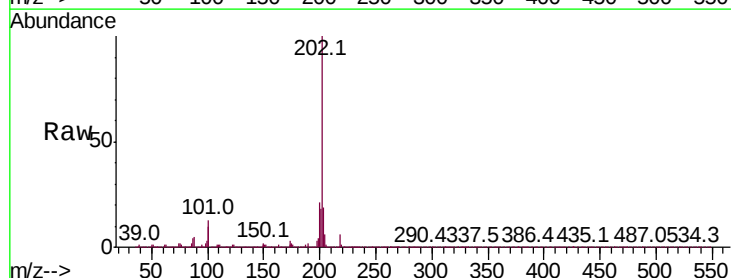
Manual Integrations
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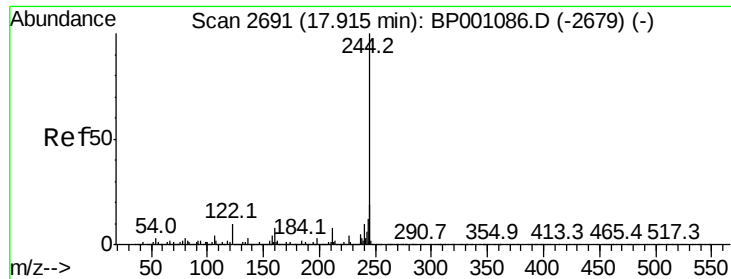
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#78
Pyrene
Concen: 9.196 ng
RT: 17.65 min Scan# 2646
Delta R.T. -0.01 min
Lab File: BP001222.D
Acq: 05 Dec 2019 20:27

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.3	25.9
203	19.4	13.8	20.8





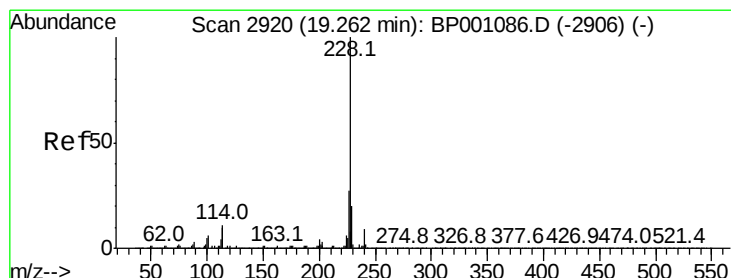
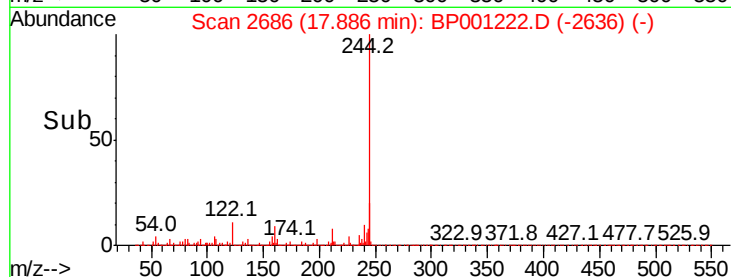
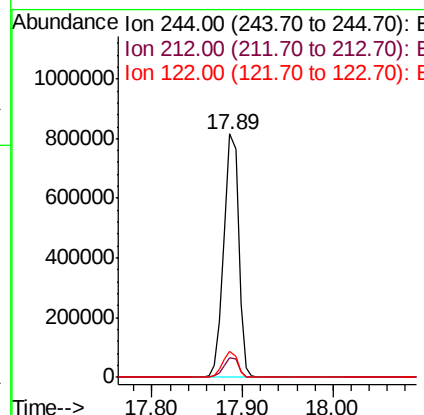
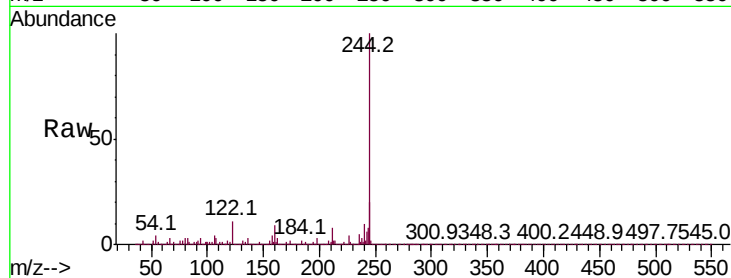
#79
 Terphenyl-d14
 Concen: 56.104 ng
 RT: 17.89 min Scan# 2686
 Delta R.T. -0.01 min
 Lab File: BP001222.D
 Acq: 05 Dec 2019 20:27

Instrument :
 BNA_P
 ClientSampleId :
 WS-112119-0-2-COMP-B1RE

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	9.8
122	10.7	9.2	13.8

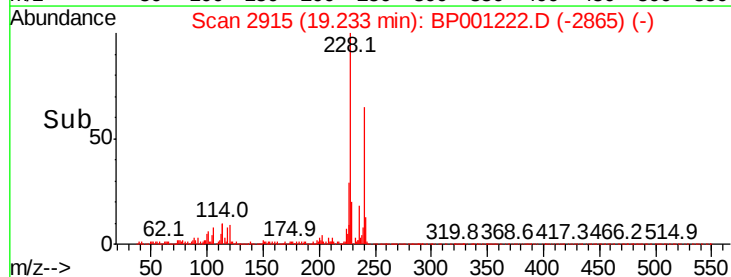
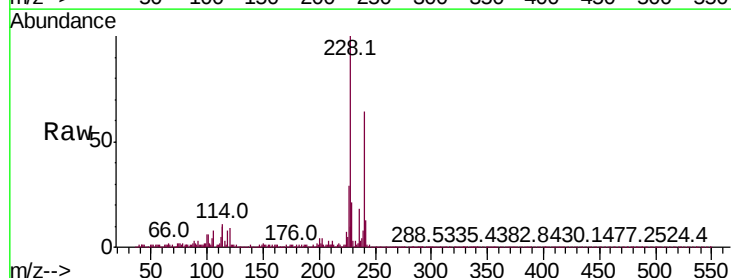
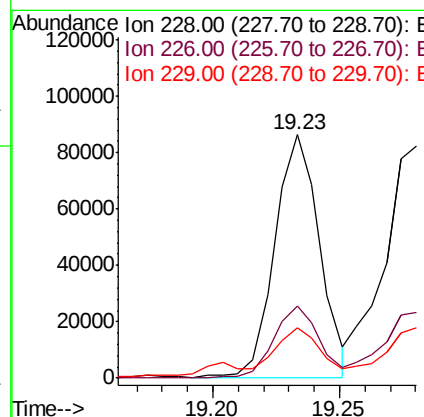
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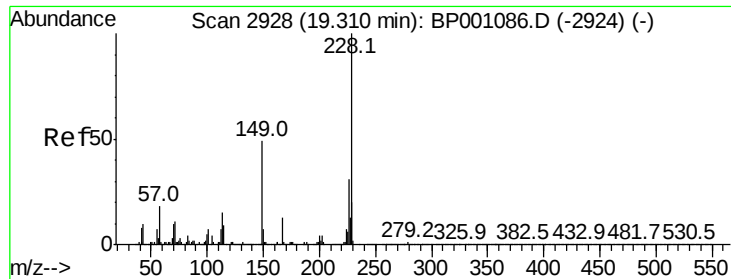
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#81
 Benzo(a)anthracene
 Concen: 5.035 ng
 RT: 19.23 min Scan# 2915
 Delta R.T. -0.01 min
 Lab File: BP001222.D
 Acq: 05 Dec 2019 20:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	21.7	32.5
229	20.8	15.8	23.6





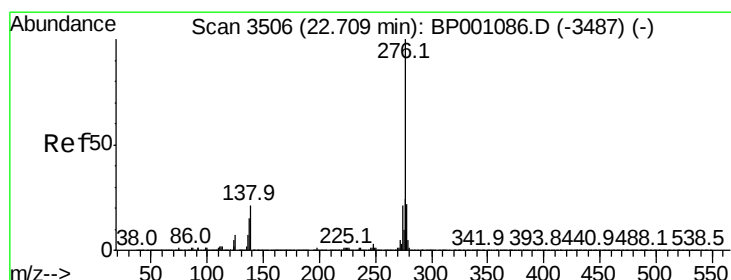
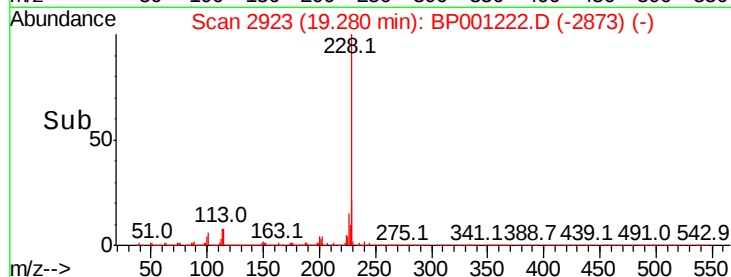
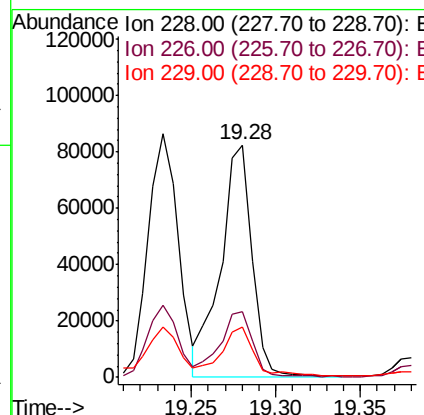
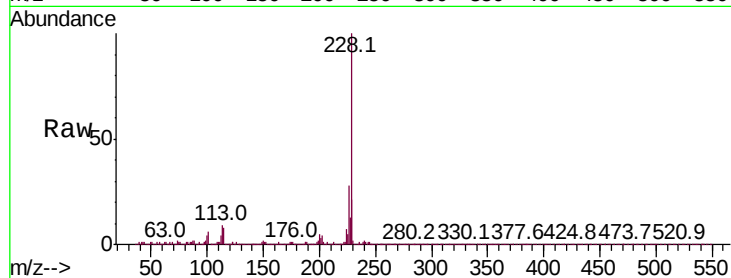
#83
Chrysene
Concen: 5.651 ng
RT: 19.28 min Scan# 2923
Delta R.T. -0.01 min
Lab File: BP001222.D
Acq: 05 Dec 2019 20:27

Instrument :
BNA_P
ClientSampleId :
WS-112119-0-2-COMP-B1RE

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.7	35.5
229	21.4	15.2	22.8

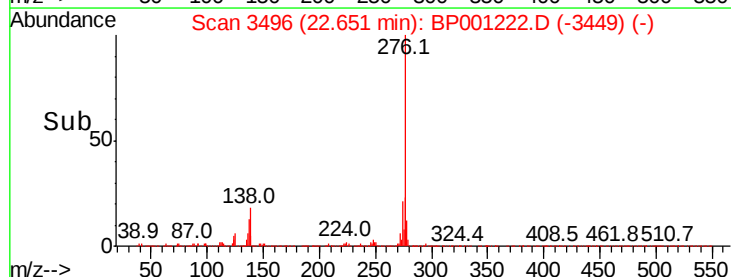
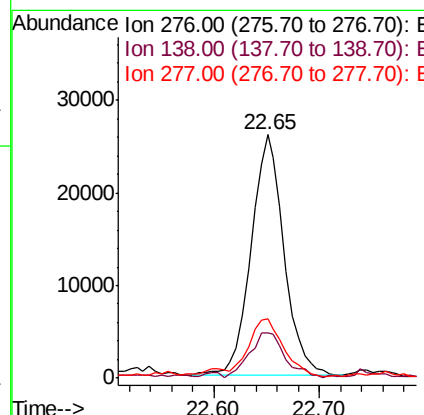
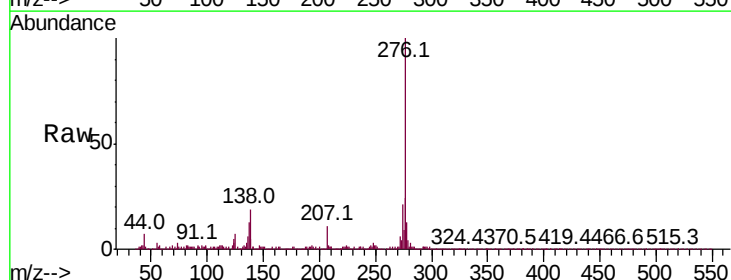
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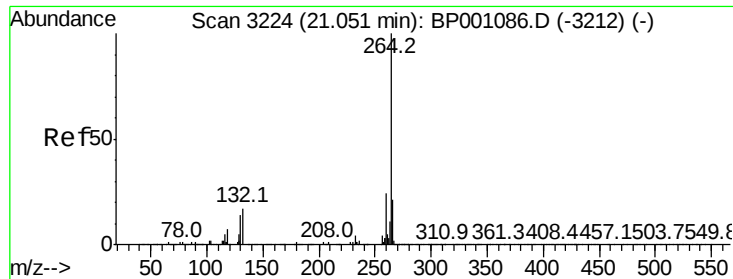
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.545 ng
RT: 22.65 min Scan# 3496
Delta R.T. -0.02 min
Lab File: BP001222.D
Acq: 05 Dec 2019 20:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.6	17.9	26.9
277	24.8	20.1	30.1





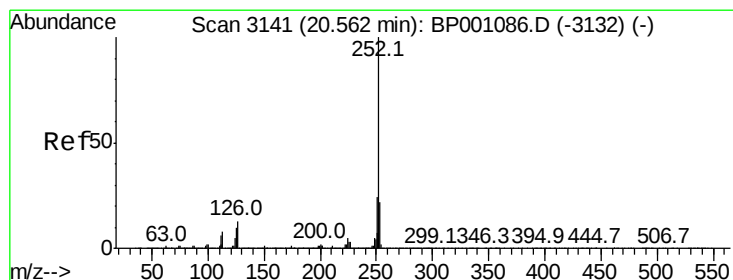
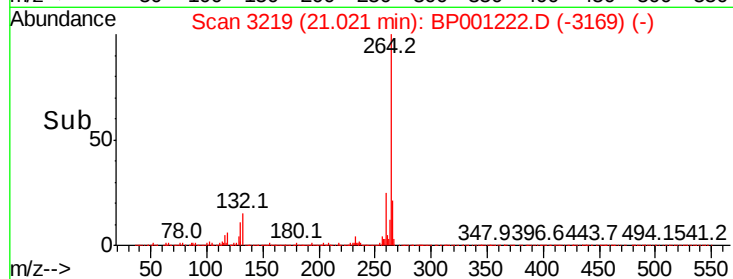
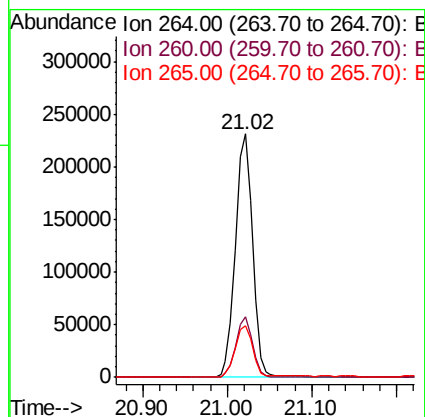
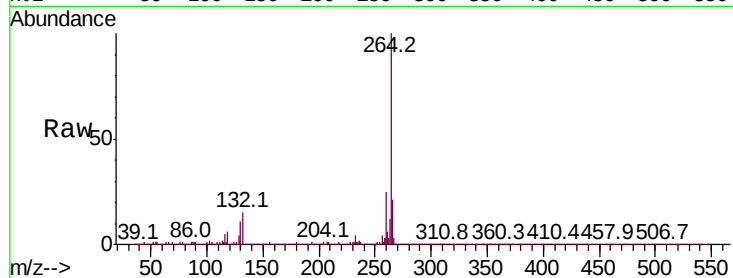
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BP001222.D
Acq: 05 Dec 2019 20:27

Instrument :
BNA_P
ClientSampleId :
WS-112119-0-2-COMP-B1RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	21.1	17.1	25.7

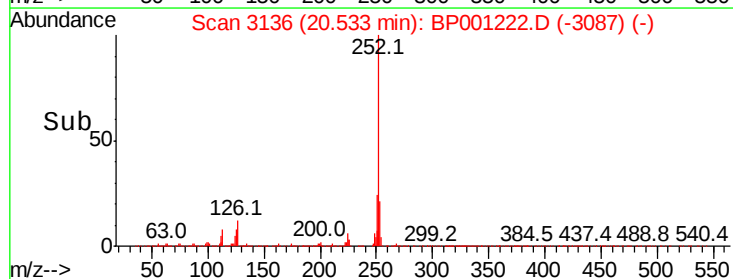
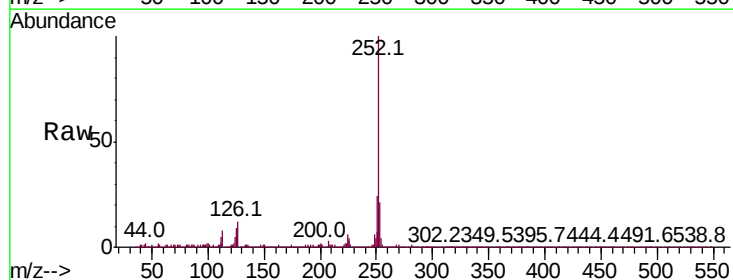
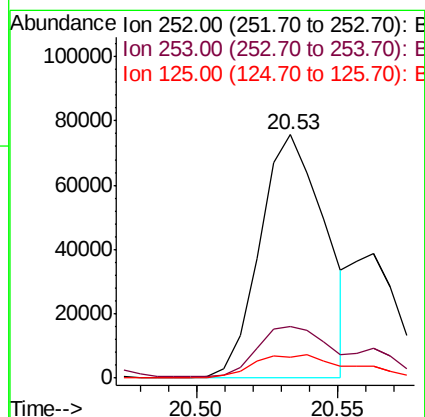
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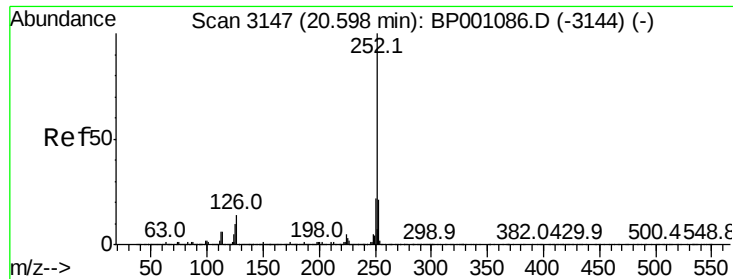
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#88
Benzo(b)fluoranthene
Concen: 6.152 ng m
RT: 20.53 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BP001222.D
Acq: 05 Dec 2019 20:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.6
125	8.8	6.6	9.8





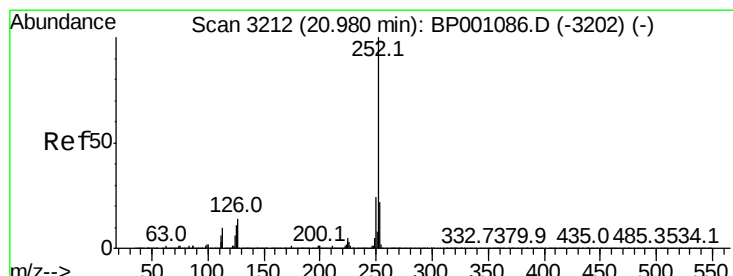
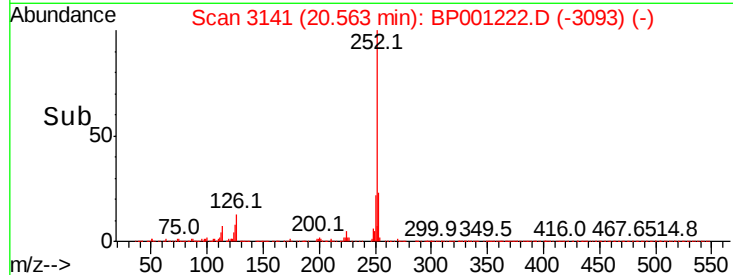
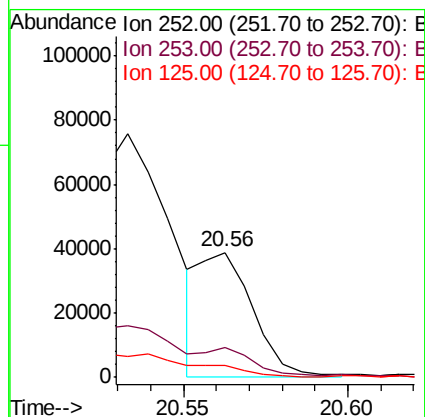
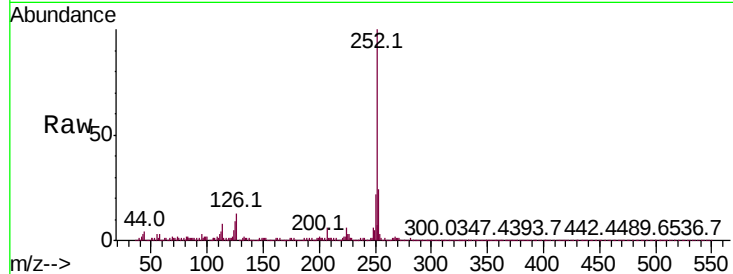
#89
Benzo(k)fluoranthene
Concen: 2.318 ng m
RT: 20.56 min Scan# 3141
Delta R.T. -0.02 min
Lab File: BP001222.D
Acq: 05 Dec 2019 20:27

Instrument :
BNA_P
ClientSampleId :
WS-112119-0-2-COMP-B1RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	9.2	6.2	9.4

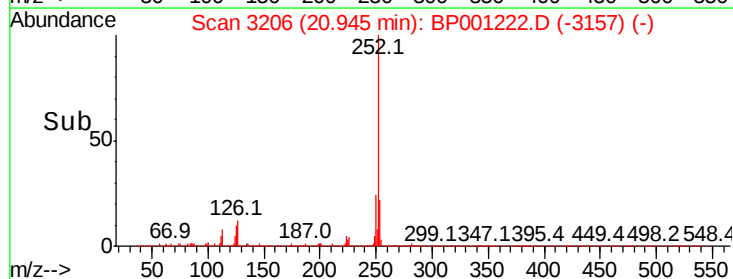
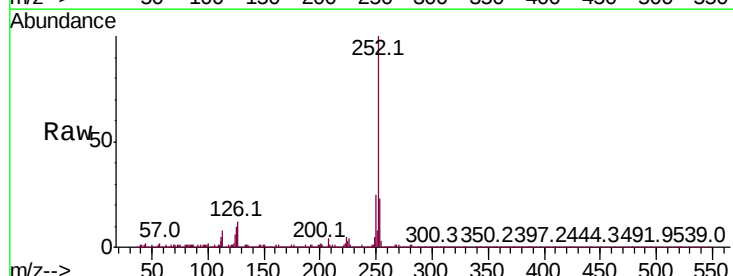
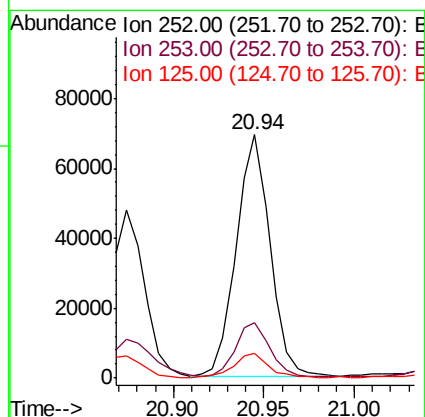
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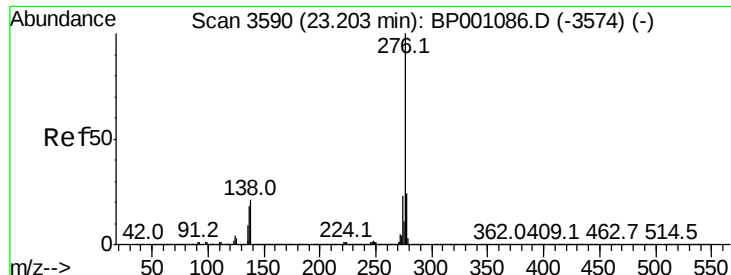
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#90
Benzo(a)pyrene
Concen: 4.981 ng
RT: 20.94 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BP001222.D
Acq: 05 Dec 2019 20:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	16.8	25.2
125	10.2	7.8	11.6





#92
 Benzo(a,h,i)perylene
 Concen: 3.242 ng
 RT: 23.13 min Scan# 3578
 Delta R.T. -0.04 min
 Lab File: BP001222.D
 Acq: 05 Dec 2019 20:27

Instrument :
 BNA_P
 ClientSampleId :
 WS-112119-0-2-COMP-B1RE

Tot Ion:	276	Resp:	56755
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.6	28.0
138	18.9	15.6	23.4

Manual Integrations
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