

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
 Data File : BP001218.D
 Acq On : 05 Dec 2019 18:28
 Operator : JU
 Sample : K6119-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1-(0-2)

Manual Integrations
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Quant Time: Dec 06 07:37:58 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	86520	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	316171	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	175694	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	347871	20.00	ng	0.00
76) Chrysene-d12	19.25	240	287020	20.00	ng	-0.01
87) Perylene-d12	21.02	264	302298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	510158	97.83	ng	0.01
7) Phenol-d6	7.76	99	684410	98.51	ng	0.00
23) Nitrobenzene-d5	9.19	82	465109	63.82	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	172687	102.54	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	725016	60.40	ng	0.00
79) Terphenyl-d14	17.89	244	907585	58.50	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	12.79	163	61601	4.688	ng	99
71) Phenanthrene	15.64	178	45924	2.511	ng	99
75) Fluoranthene	17.35	202	103402	5.341	ng	99
78) Pyrene	17.65	202	89609	3.964	ng	97
81) Benzo(a)anthracene	19.23	228	47463	2.385	ng	94
83) Chrysene	19.27	228	46809	2.627	ng	96
88) Benzo(b)fluoranthene	20.53	252	58378m	3.162	ng	
90) Benzo(a)pyrene	20.95	252	40447	2.378	ng	99

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

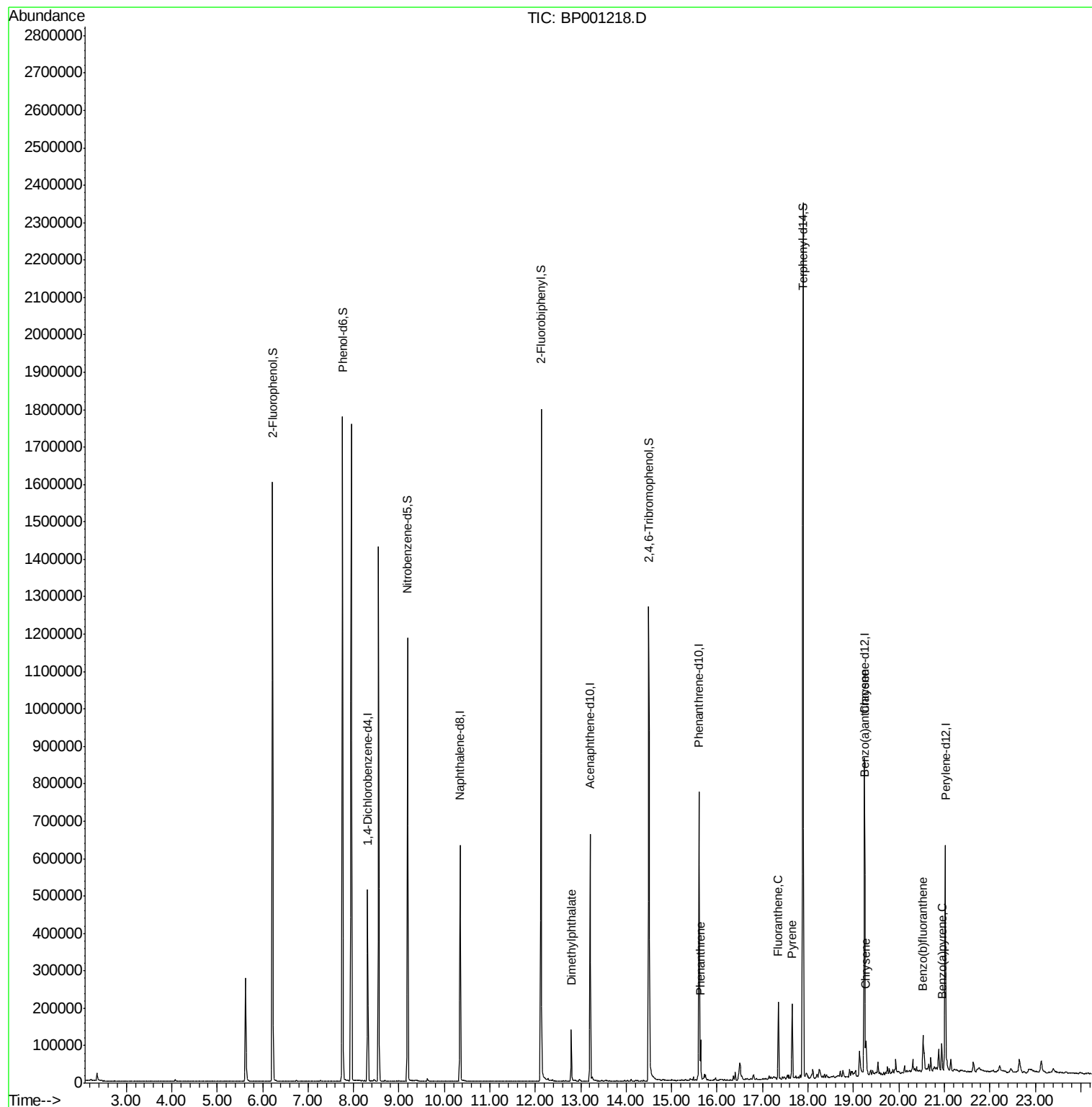
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120519\
Data File : BP001218.D
Acq On : 05 Dec 2019 18:28
Operator : JU
Sample : K6119-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

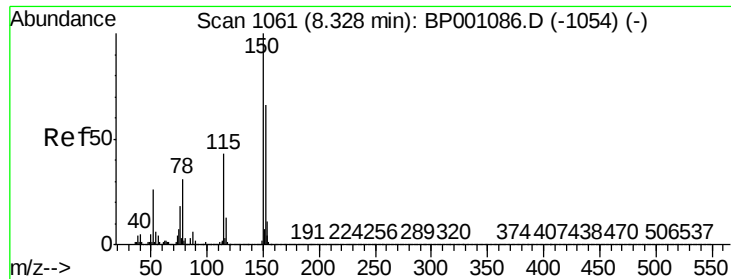
Instrument :
BNA_P
ClientSampleId :
SB-1-(0-2)

Quant Time: Dec 06 07:37:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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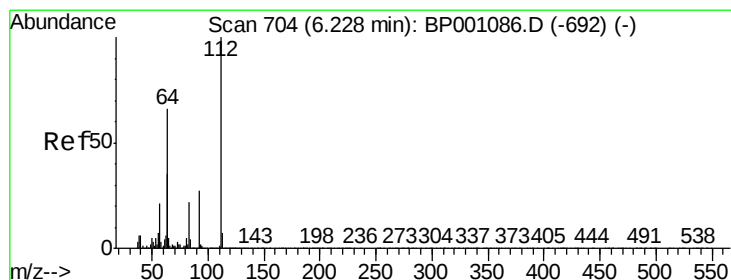
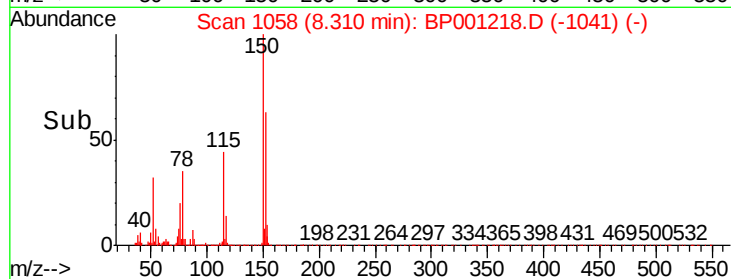
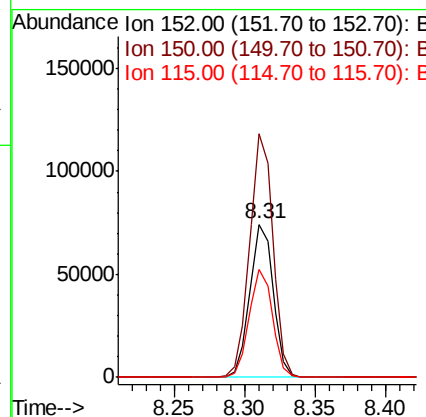
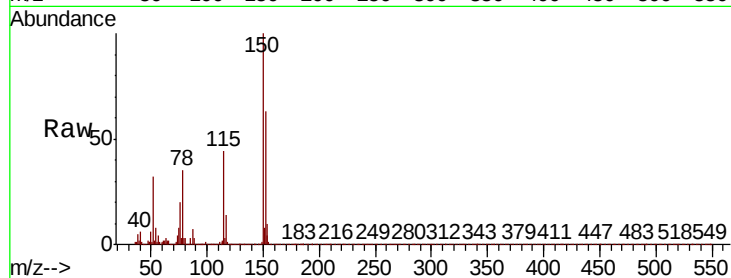
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BP001218.D
 Acq: 05 Dec 2019 18:28

Instrument :
 BNA_P
 ClientSampleId :
 SB-1-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	127.3	190.9
115	70.6	56.0	84.0

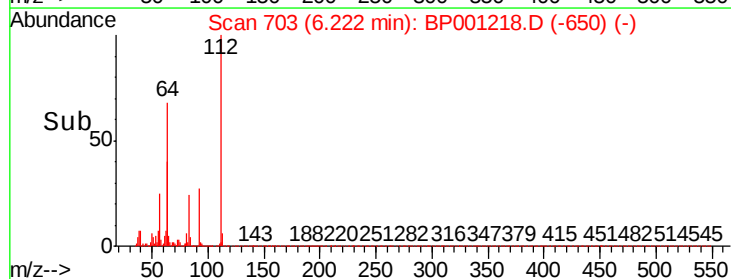
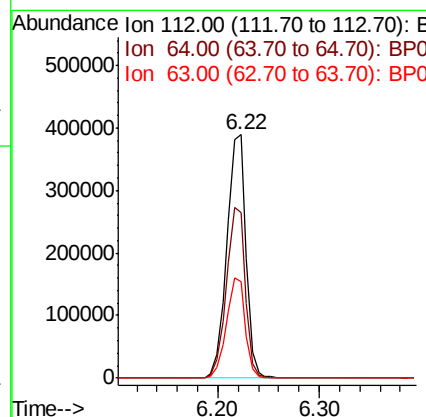
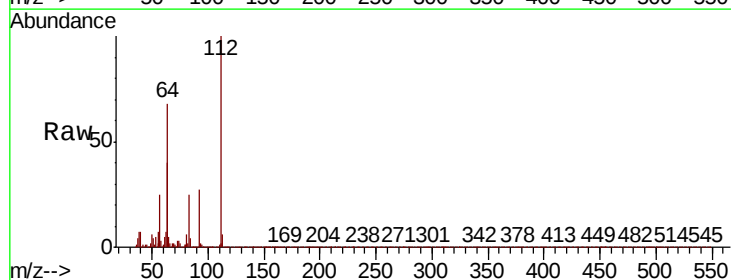
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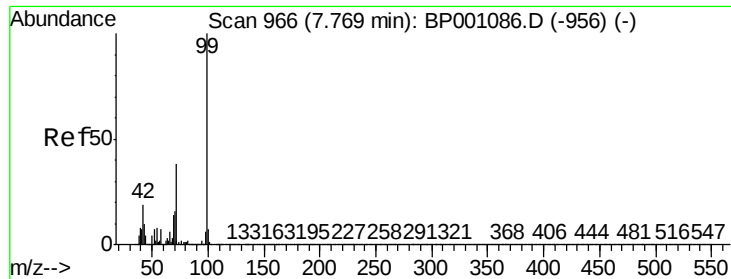
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#5
 2-Fluorophenol
 Concen: 97.826 ng
 RT: 6.22 min Scan# 703
 Delta R.T. 0.01 min
 Lab File: BP001218.D
 Acq: 05 Dec 2019 18:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	56.8	85.2
63	39.8	32.2	48.2





#7

Phenol-d6

Concen: 98.511 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001218.D

Acq: 05 Dec 2019 18:28

Instrument :

BNA_P

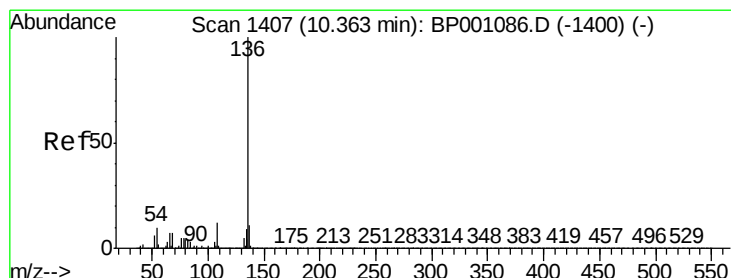
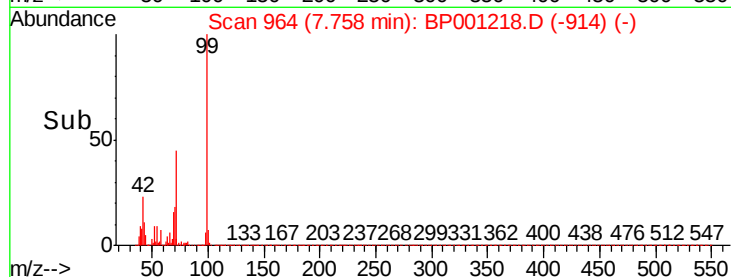
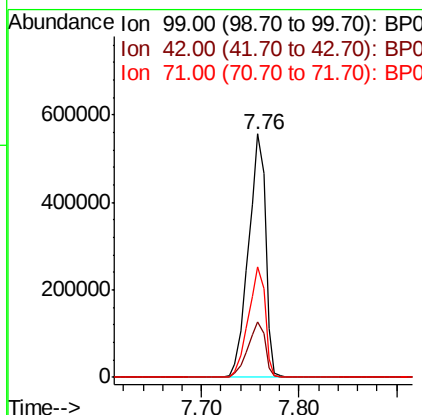
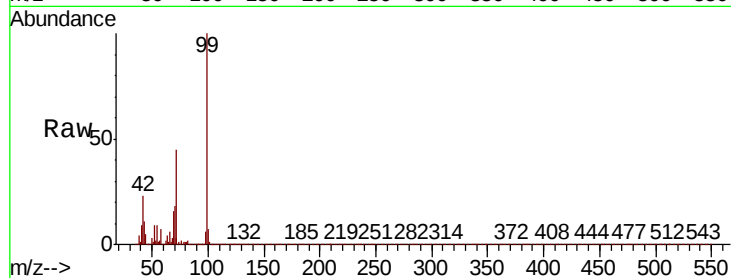
ClientSampleId :

SB-1(0-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		684410		
42	23.0	17.6	26.4		
71	45.2	33.8	50.8		

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#21

Naphthalene-d8

Concen: 20.000 ng

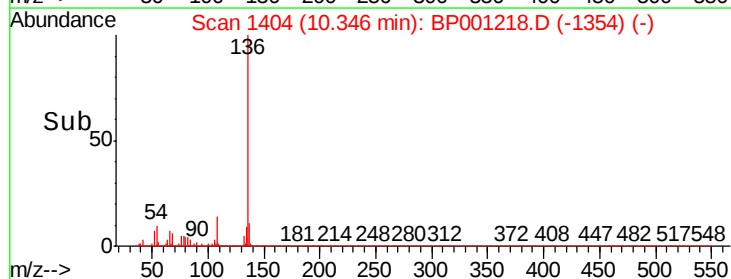
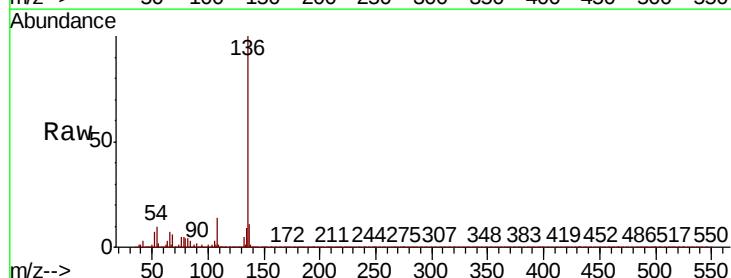
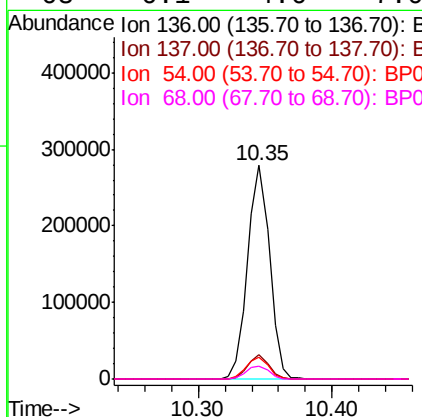
RT: 10.35 min Scan# 1404

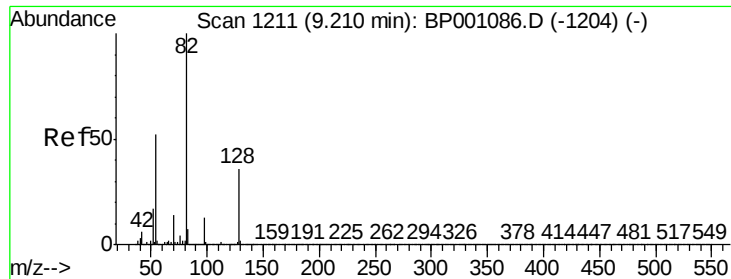
Delta R.T. -0.01 min

Lab File: BP001218.D

Acq: 05 Dec 2019 18:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		316171		
137	11.2	8.4	12.6		
54	10.4	7.4	11.0		
68	6.1	4.6	7.0		





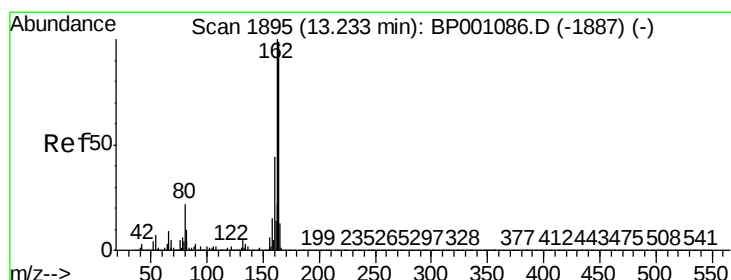
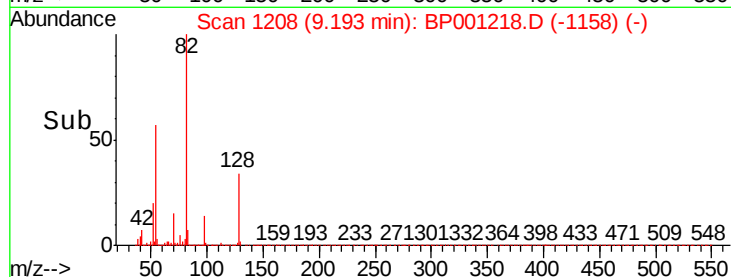
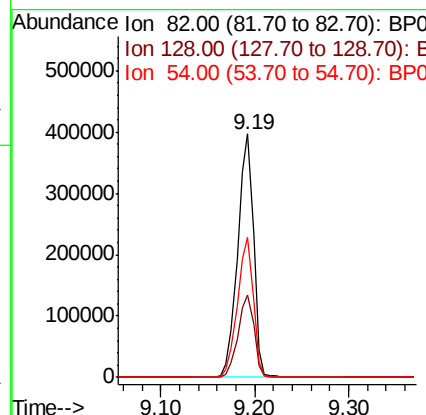
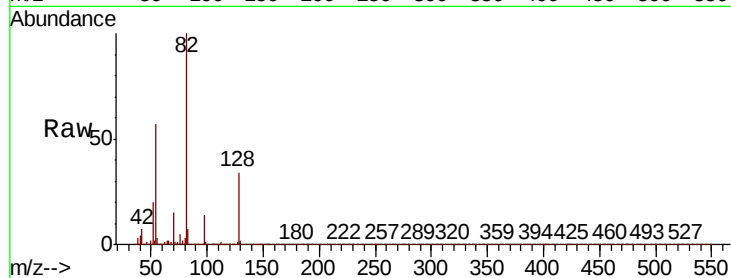
#23
Nitrobenzene-d5
Concen: 63.824 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001218.D
Acq: 05 Dec 2019 18:28

Instrument :
BNA_P
ClientSampled :
SB-1-(0-2)

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.8	27.5	41.3
54	57.4	45.7	68.5

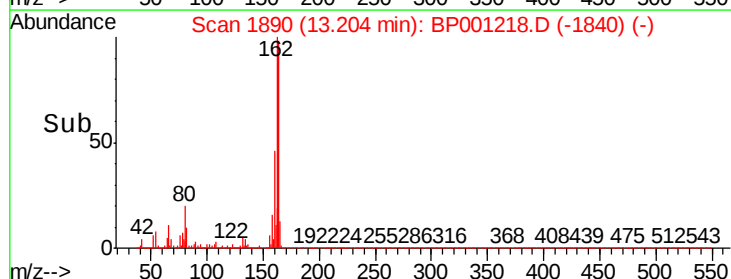
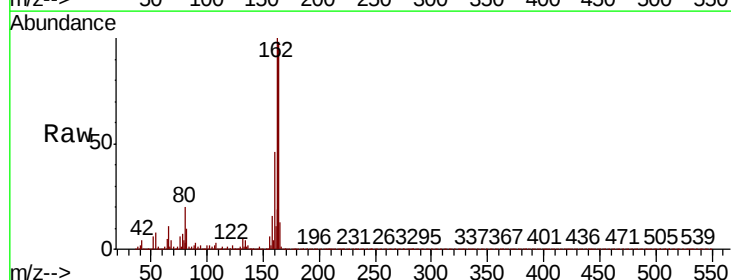
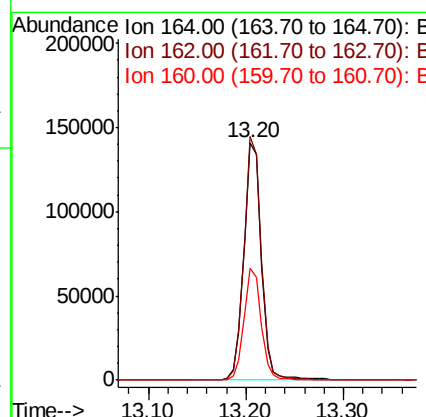
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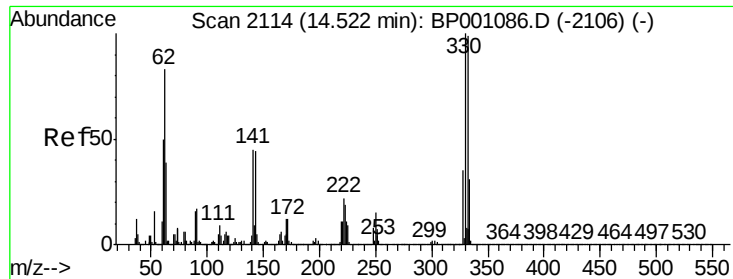
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001218.D
Acq: 05 Dec 2019 18:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.7	121.1
160	47.1	36.3	54.5





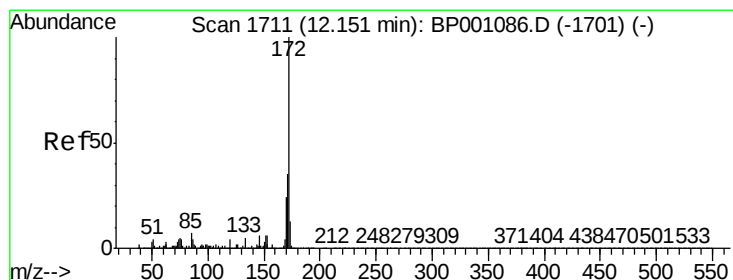
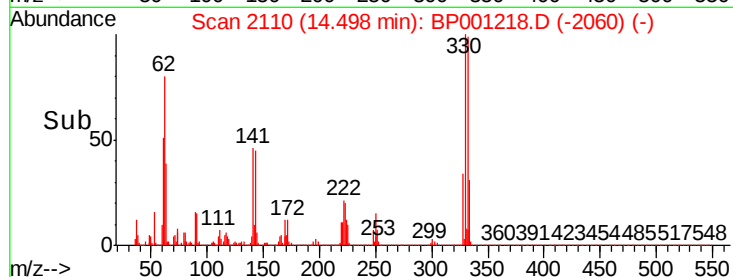
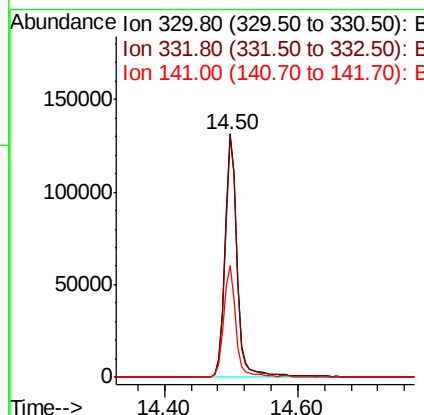
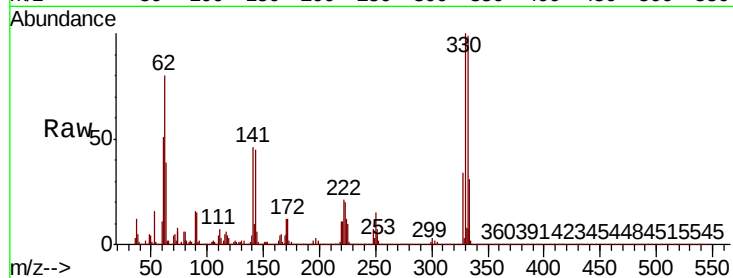
#42
2,4,6-Tribromophenol
Concen: 102.544 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001218.D
Acq: 05 Dec 2019 18:28

Instrument :
BNA_P
ClientSampleId :
SB-1-(0-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	79.1	118.7
141	44.9	35.9	53.9

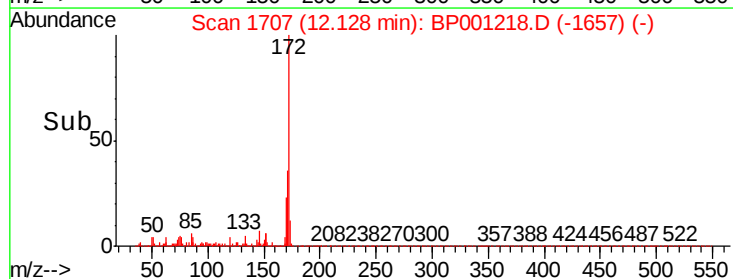
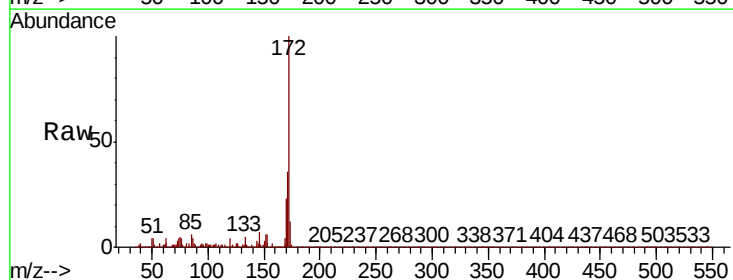
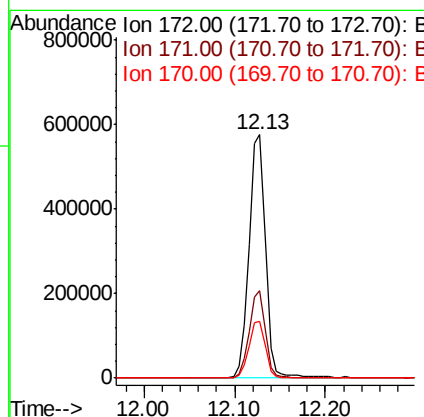
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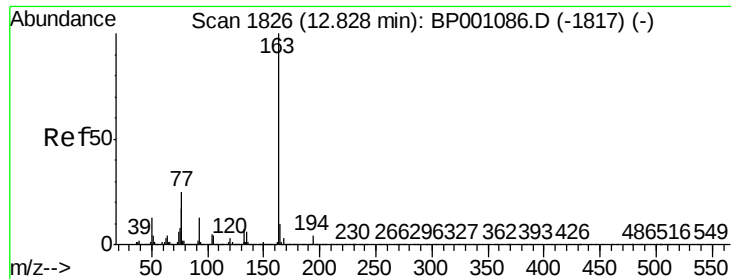
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#45
2-Fluorobiphenyl
Concen: 60.396 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001218.D
Acq: 05 Dec 2019 18:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	23.4	19.2	28.8





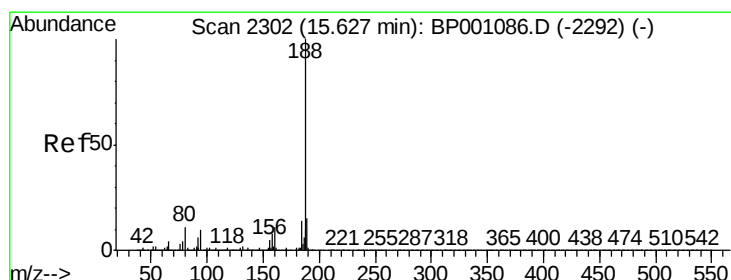
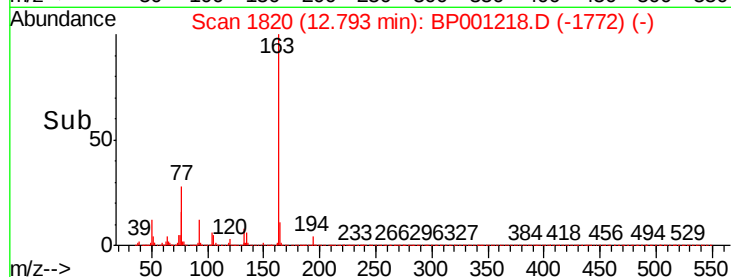
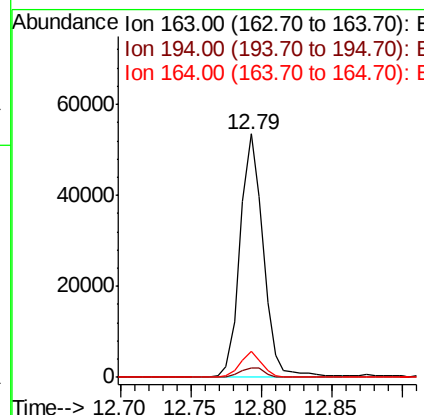
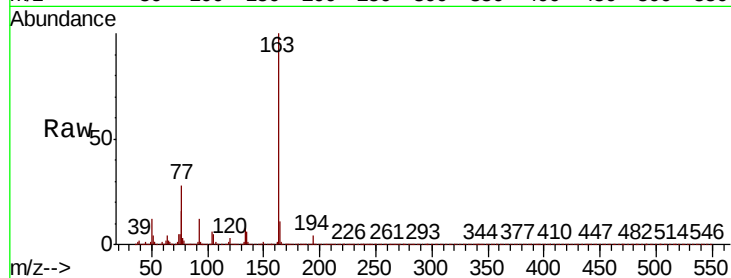
#50
Dimethylphthalate
Concen: 4.688 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BP001218.D
Acq: 05 Dec 2019 18:28

Instrument :
BNA_P
ClientSampleId :
SB-1-(0-2)

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.5	8.2	12.4

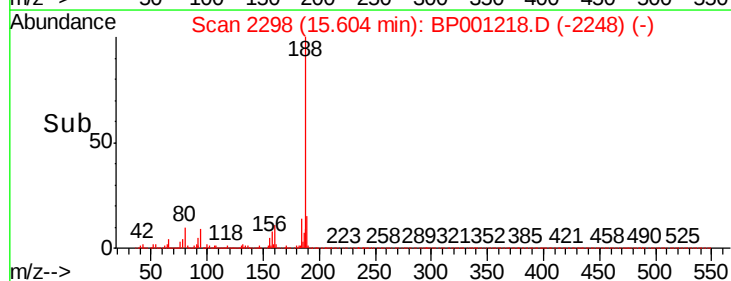
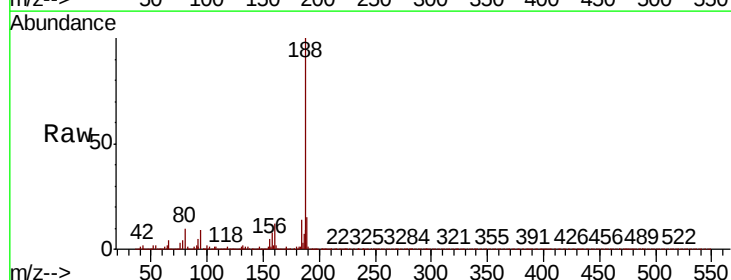
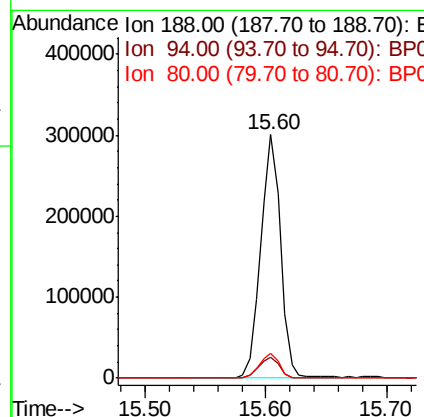
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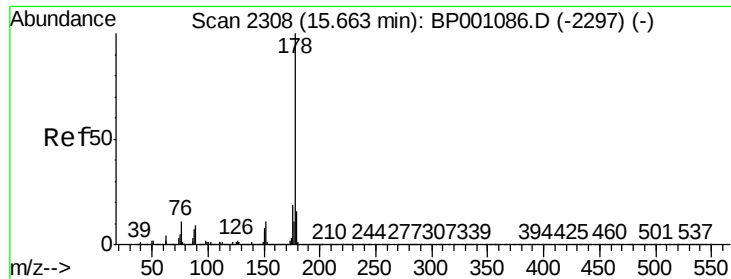
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001218.D
Acq: 05 Dec 2019 18:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.1	10.7
80	10.3	7.8	11.6





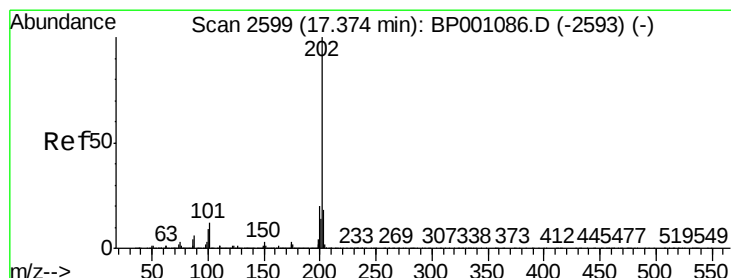
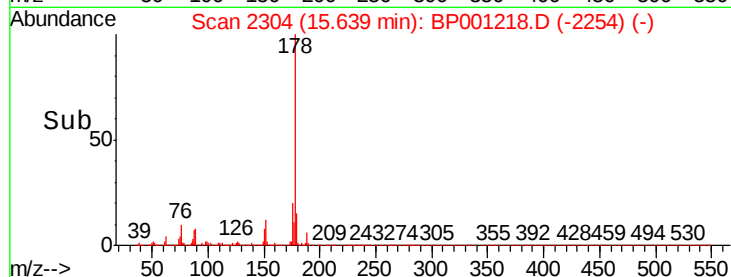
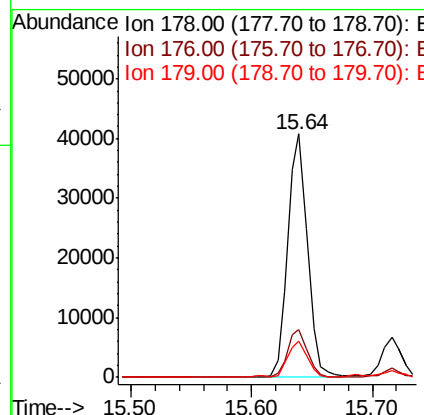
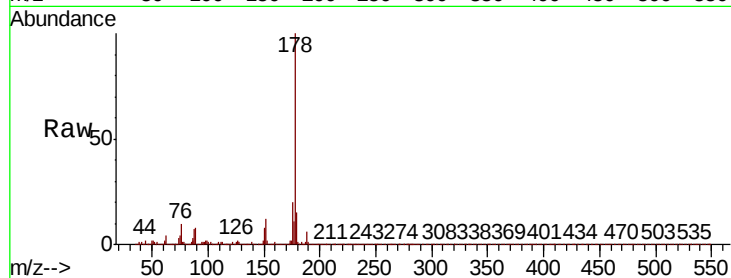
#71
Phenanthrene
Concen: 2.511 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BP001218.D
Acq: 05 Dec 2019 18:28

Instrument :
BNA_P
ClientSampled :
SB-1-(0-2)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	14.8	12.4	18.6

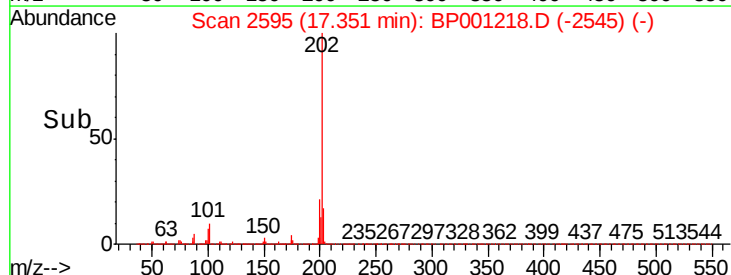
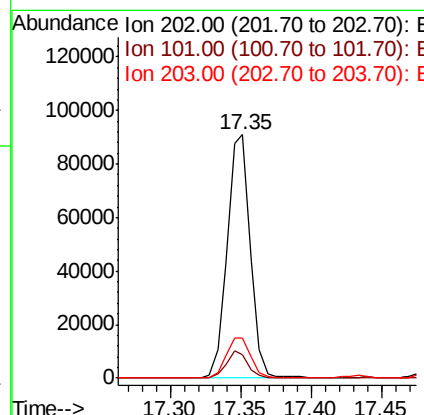
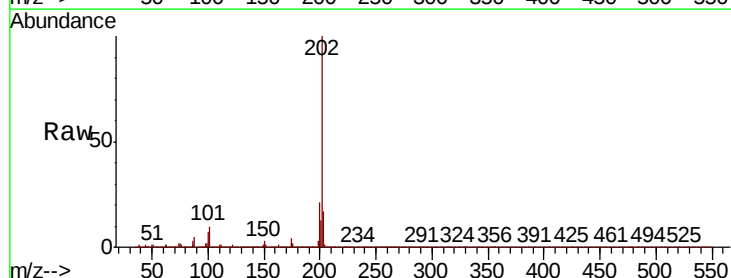
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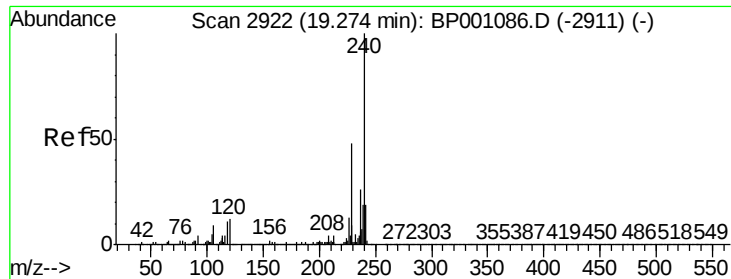
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#75
Fluoranthene
Concen: 5.341 ng
RT: 17.35 min Scan# 2595
Delta R.T. -0.01 min
Lab File: BP001218.D
Acq: 05 Dec 2019 18:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.0
203	16.6	0.0	37.1





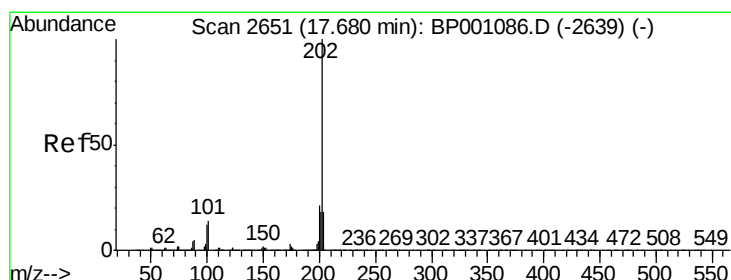
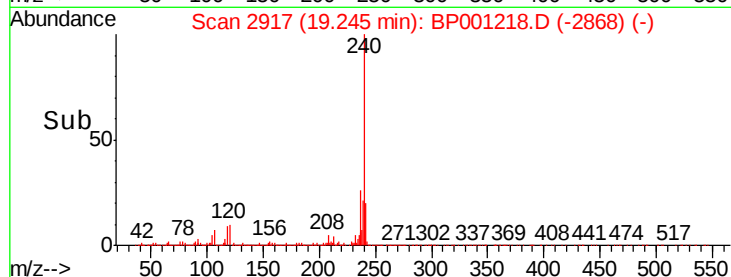
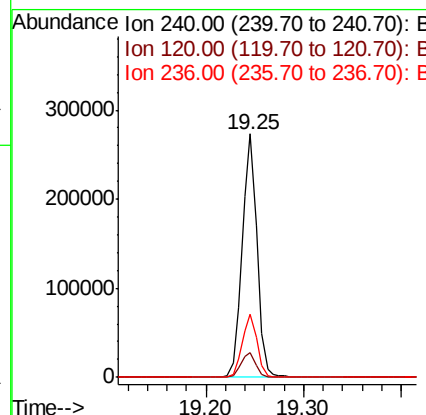
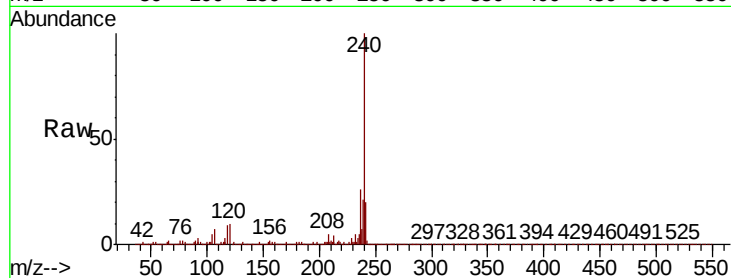
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001218.D
Acq: 05 Dec 2019 18:28

Instrument :
BNA_P
ClientSampleId :
SB-1-(0-2)

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.2	7.0	10.6
236	26.0	21.7	32.5

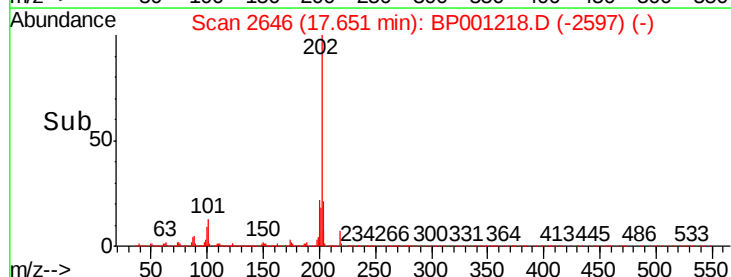
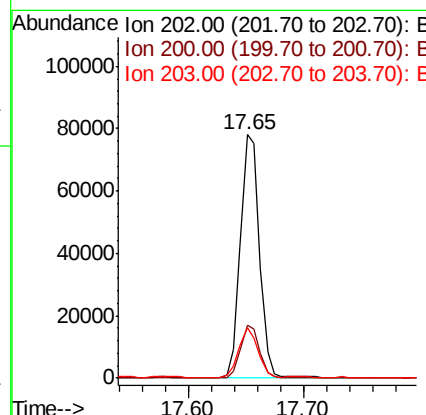
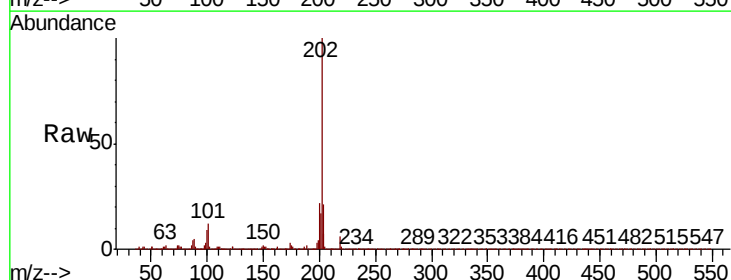
Manual Integrations
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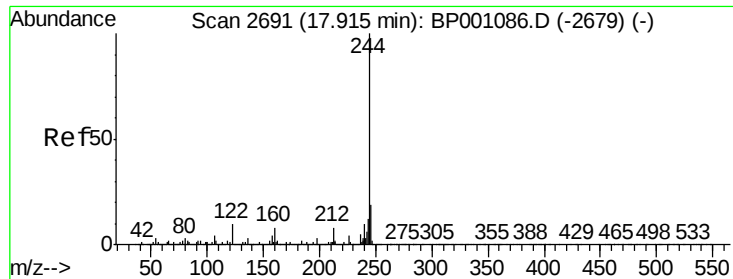
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#78
Pyrene
Concen: 3.964 ng
RT: 17.65 min Scan# 2646
Delta R.T. -0.01 min
Lab File: BP001218.D
Acq: 05 Dec 2019 18:28

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.3	25.9
203	20.6	13.8	20.8





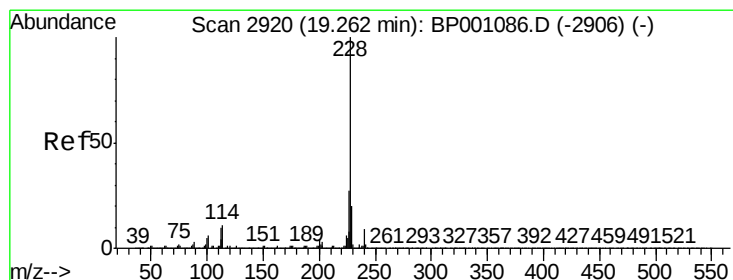
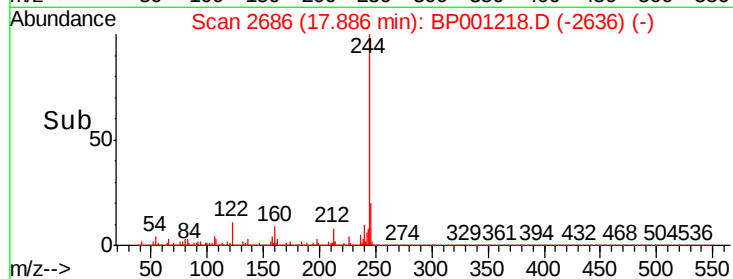
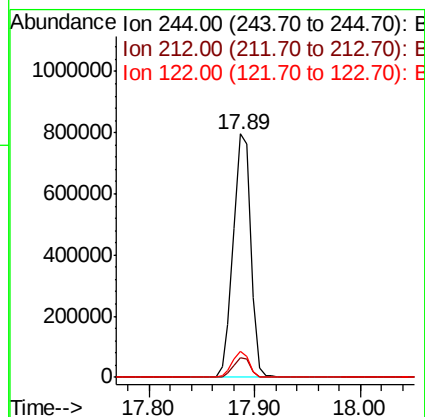
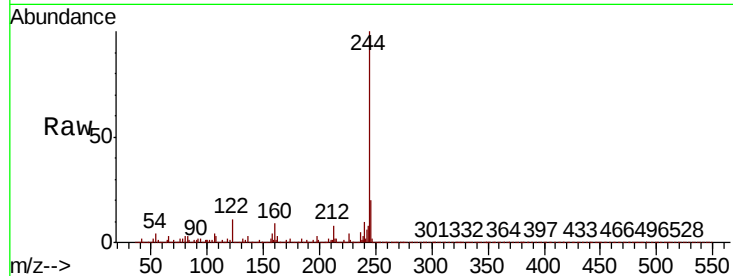
#79
 Terphenyl-d14
 Concen: 58.502 ng
 RT: 17.89 min Scan# 2686
 Delta R.T. -0.01 min
 Lab File: BP001218.D
 Acq: 05 Dec 2019 18:28

Instrument :
 BNA_P
 ClientSampled :
 SB-1-(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	9.8
122	11.0	9.2	13.8

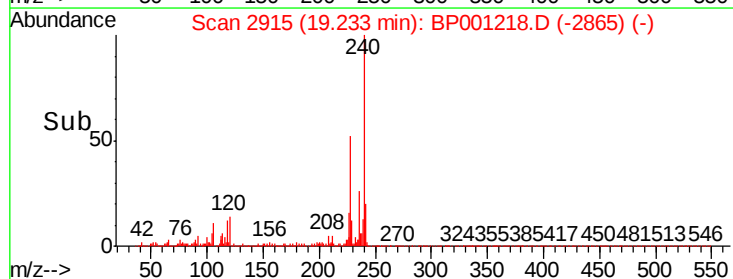
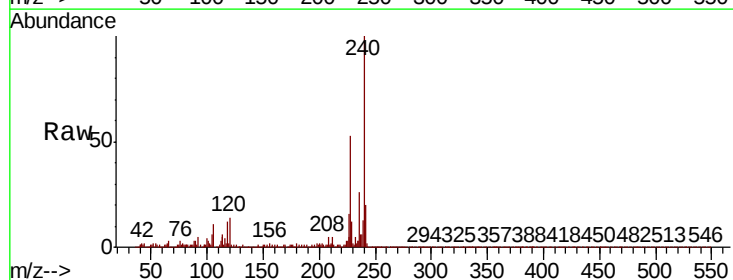
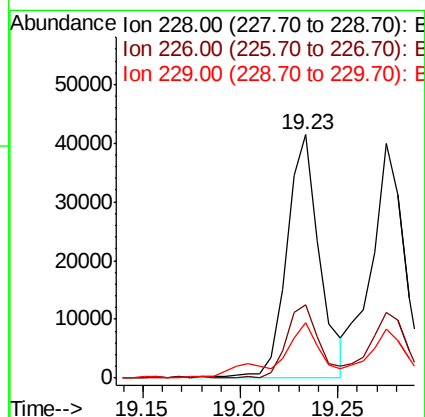
Manual Integrations
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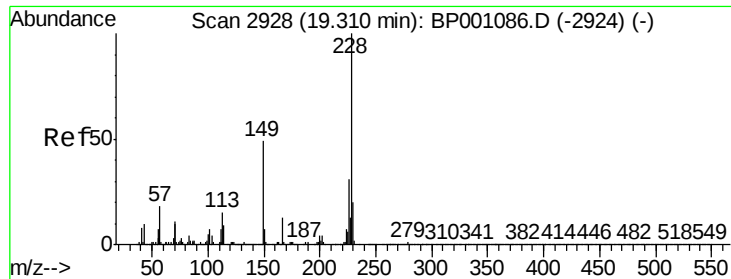
mohammad
 12/6/2019 3:03:19 PM



#81
 Benzo(a)anthracene
 Concen: 2.385 ng
 RT: 19.23 min Scan# 2915
 Delta R.T. -0.01 min
 Lab File: BP001218.D
 Acq: 05 Dec 2019 18:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.7	32.5
229	22.9	15.8	23.6





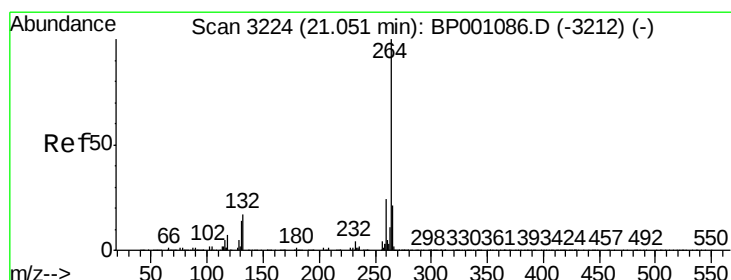
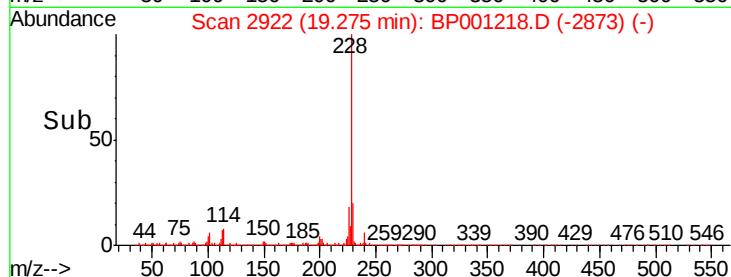
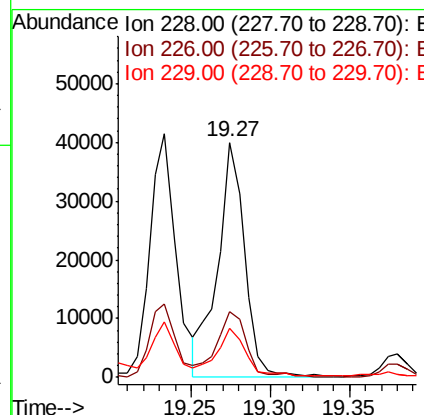
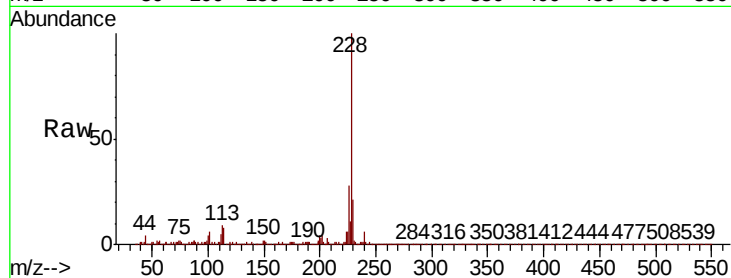
#83
Chrysene
Concen: 2.627 ng
RT: 19.27 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BP001218.D
Acq: 05 Dec 2019 18:28

Instrument :
BNA_P
ClientSampleId :
SB-1-(0-2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.7	35.5
229	20.9	15.2	22.8

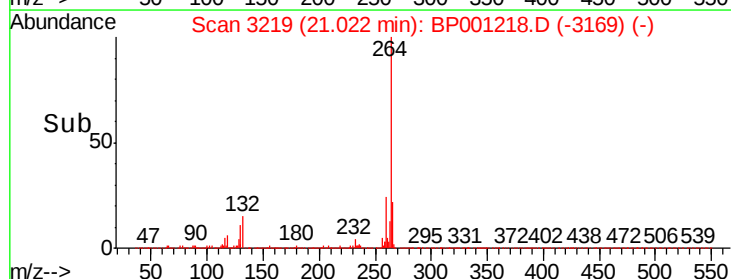
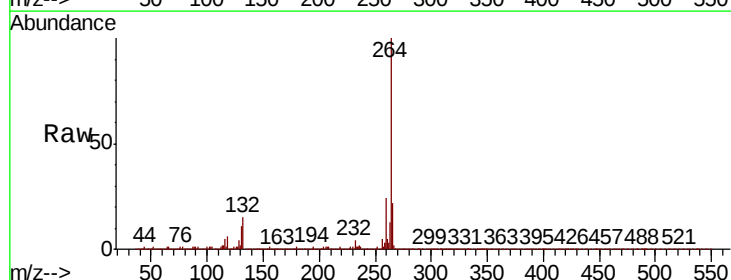
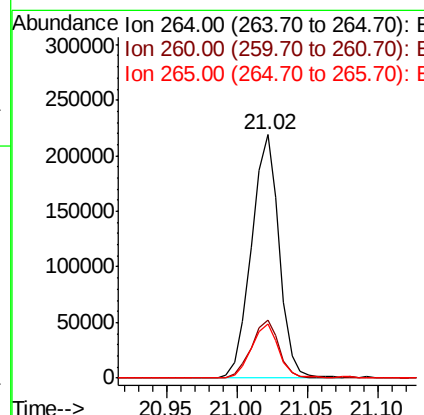
Manual Integrations
APPROVED

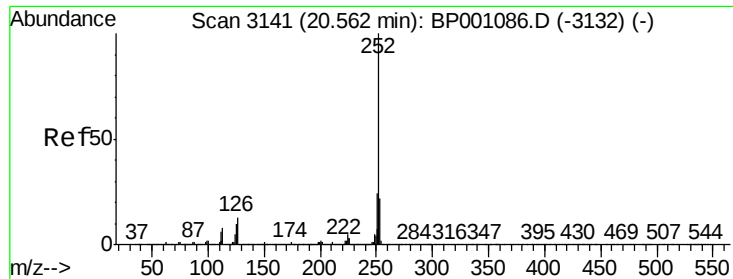
mohammad
12/6/2019 3:03:19 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3219
Delta R.T. -0.01 min
Lab File: BP001218.D
Acq: 05 Dec 2019 18:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	22.4	17.1	25.7





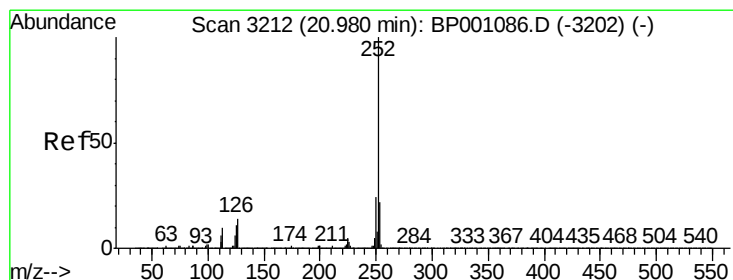
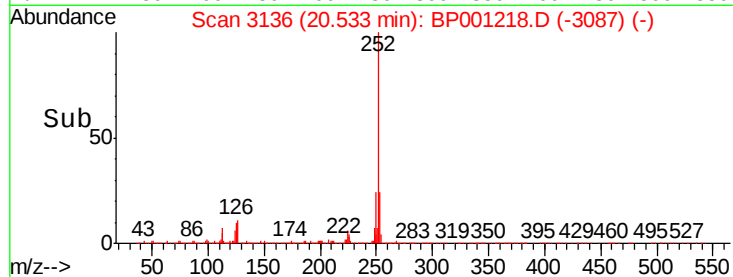
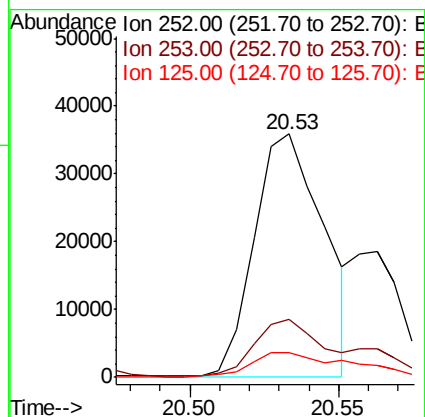
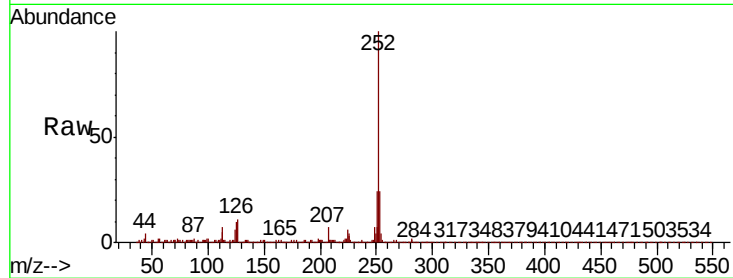
#88
Benzo(b)fluoranthene
Concen: 3.162 ng m
RT: 20.53 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BP001218.D
Acq: 05 Dec 2019 18:28

Instrument :
BNA_P
ClientSampleId :
SB-1-(0-2)

Tot Ion:	252	Resp:	58378
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.0	25.6
125	10.2	6.6	9.8#

Manual Integrations
APPROVED

mohammad
12/6/2019 3:03:19 PM



#90
Benzo(a)pyrene
Concen: 2.378 ng
RT: 20.95 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BP001218.D
Acq: 05 Dec 2019 18:28

Tgt Ion:	252	Resp:	40447
Ion Ratio	Lower	Upper	
252	100		
253	21.4	16.8	25.2
125	10.7	7.8	11.6

