

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
 Data File : BP001641.D
 Acq On : 16 Jan 2020 22:38
 Operator : JU
 Sample : L1148-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-30-(3-5)

Manual Integrations
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Quant Time: Jan 17 05:37:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 21:52:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	38314	20.00	ng	-0.01
21) Naphthalene-d8	10.40	136	143552	20.00	ng	-0.01
39) Acenaphthene-d10	14.27	164	96839	20.00	ng	-0.01
64) Phenanthrene-d10	17.04	188	220407	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	187767	20.00	ng	-0.01
87) Perylene-d12	23.37	264	191057	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	213995	109.41	ng	0.00
7) Phenol-d6	6.83	99	316798	101.35	ng	0.00
23) Nitrobenzene-d5	8.78	82	219895	66.94	ng	-0.01
42) 2,4,6-Tribromophenol	15.78	330	133765	90.74	ng	-0.01
45) 2-Fluorobiphenyl	12.89	172	426246	64.72	ng	-0.01
79) Terphenyl-d14	19.63	244	633010	61.66	ng	-0.01
Target Compounds						
10) Phenol	6.85	94	8411	2.601	ng	90
49) Acenaphthylene	13.99	152	25906	2.913	ng	96
50) Dimethylphthalate	13.74	163	46830	5.871	ng	97
71) Phenanthrene	17.08	178	83747	6.987	ng	99
75) Fluoranthene	19.06	202	137723	8.732	ng	98
78) Pyrene	19.42	202	173475	12.577	ng	98
81) Benzo(a)anthracene	21.13	228	77354m	5.915	ng	
83) Chrysene	21.18	228	77773	6.103	ng	95
86) Indeno(1,2,3-cd)pyrene	25.62	276	79995	5.362	ng	97
88) Benzo(b)fluoranthene	22.71	252	112958m	9.382	ng	
89) Benzo(k)fluoranthene	22.74	252	38912m	3.315	ng	
90) Benzo(a)pyrene	23.27	252	88460	7.739	ng	97
92) Benzo(a,h,i)perylene	26.30	276	90232	7.696	ng	# 96

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

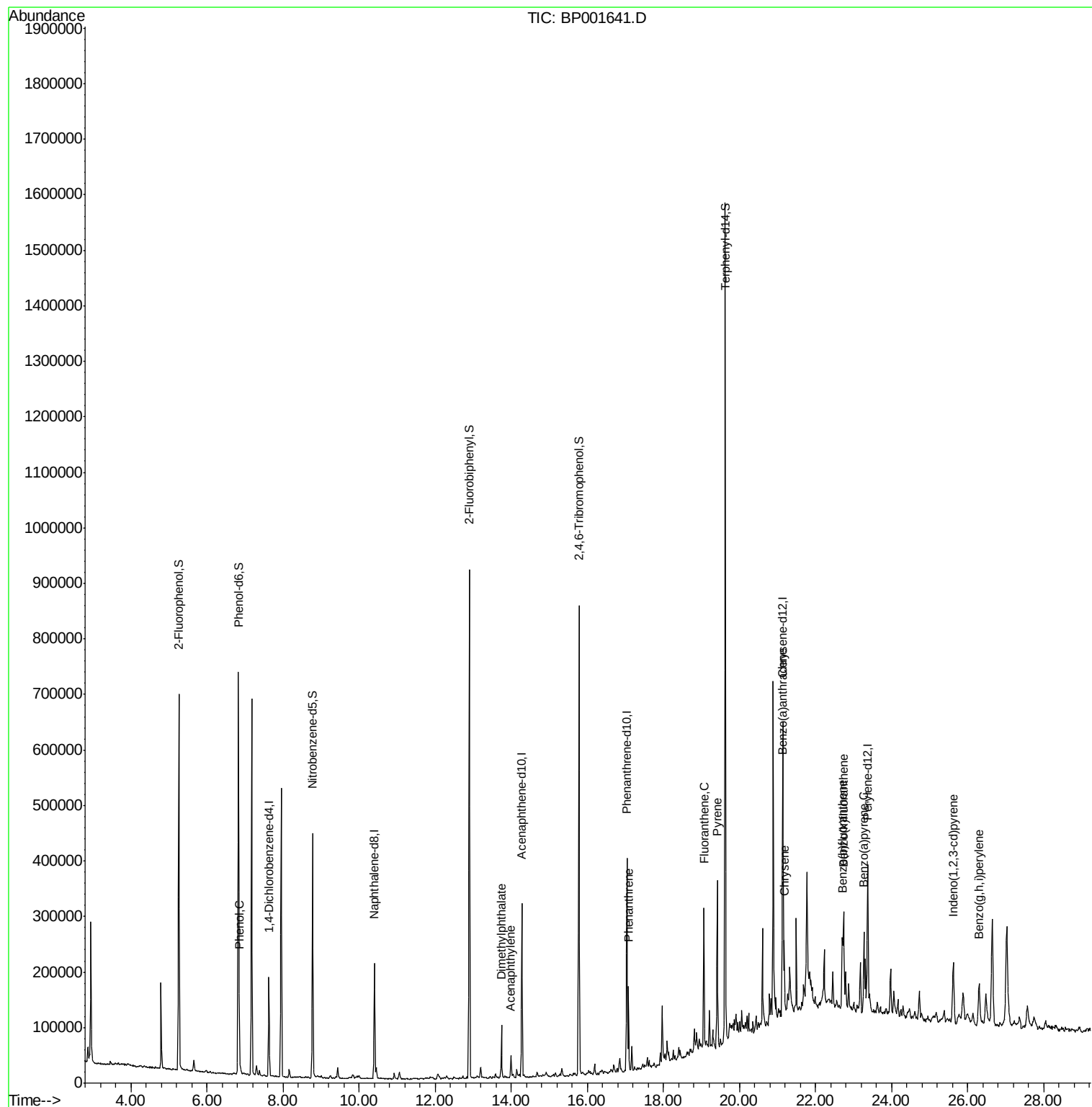
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
Data File : BP001641.D
Acq On : 16 Jan 2020 22:38
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ALS Vial : 13 Sample Multiplier: 1

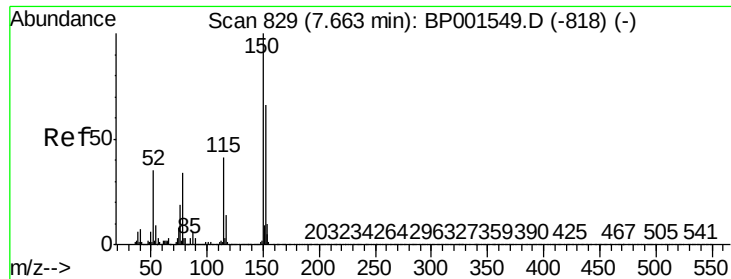
Instrument :
BNA_P
ClientSampleId :
SB-30-(3-5)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
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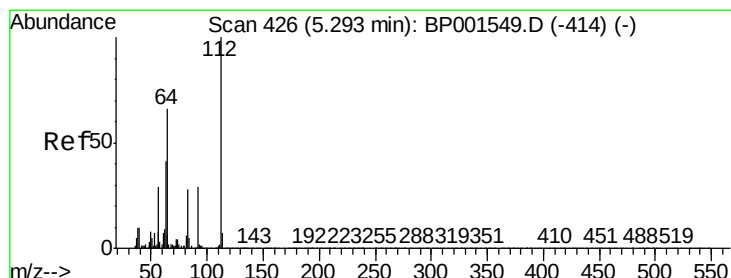
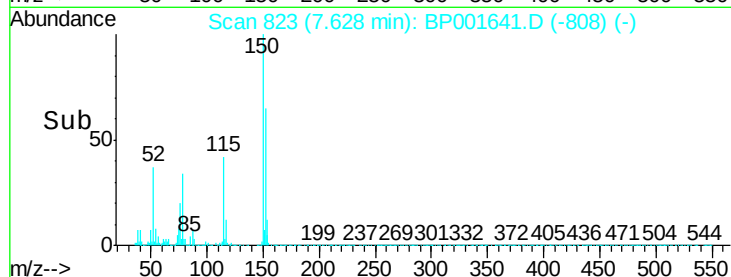
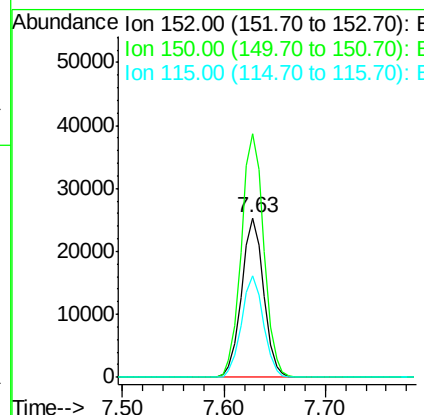
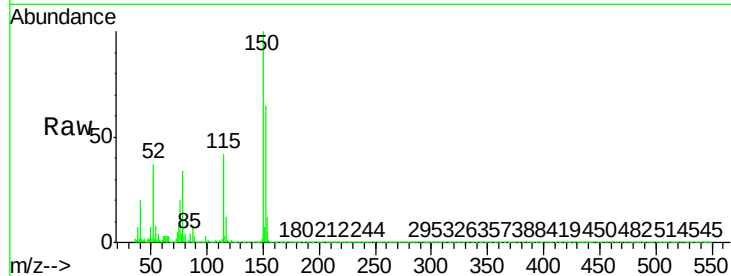
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 823
Delta R.T. -0.01 min
Lab File: BP001641.D
Acq: 16 Jan 2020 22:38

Instrument :
BNA_P
ClientSampleId :
SB-30-(3-5)

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	122.0	183.0
115	64.1	50.7	76.1

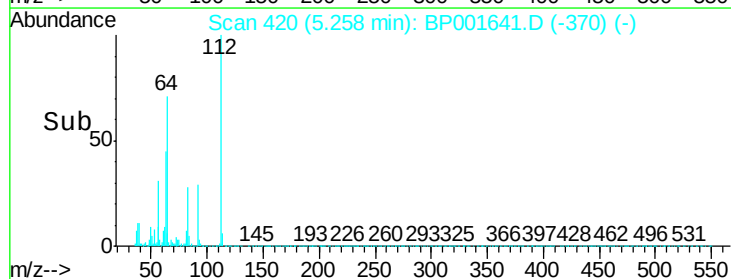
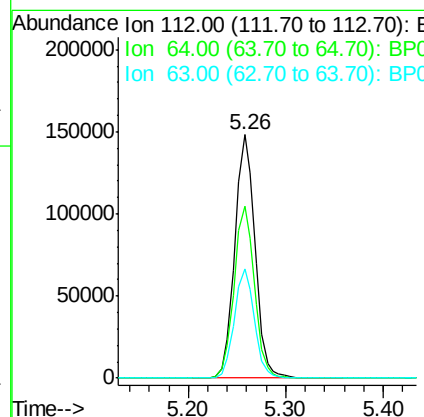
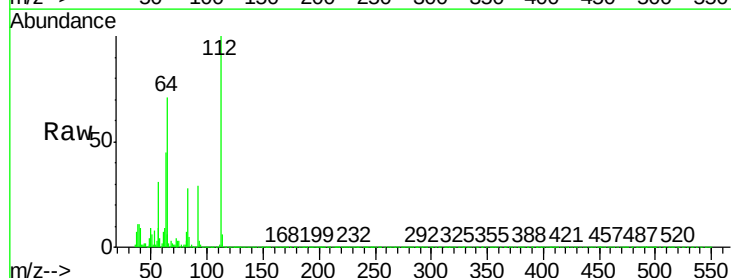
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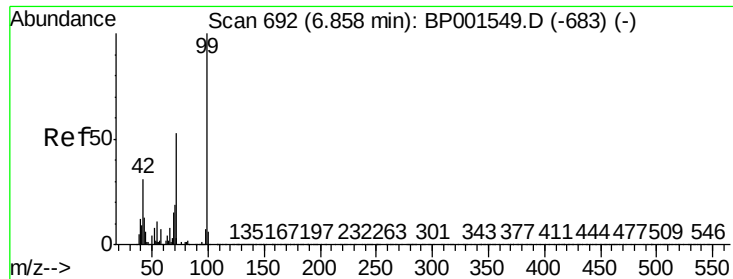
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#5
2-Fluorophenol
Concen: 109.410 ng
RT: 5.26 min Scan# 420
Delta R.T. -0.01 min
Lab File: BP001641.D
Acq: 16 Jan 2020 22:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.8	52.8	79.2
63	44.6	33.1	49.7





#7

Phenol-d6

Concen: 101.346 ng

RT: 6.83 min Scan# 687

Delta R.T. -0.01 min

Lab File: BP001641.D

Acq: 16 Jan 2020 22:38

Instrument :

BNA_P

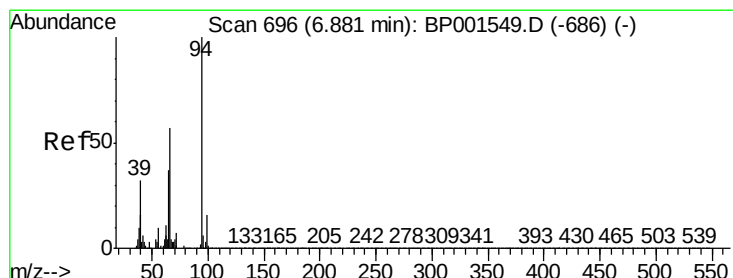
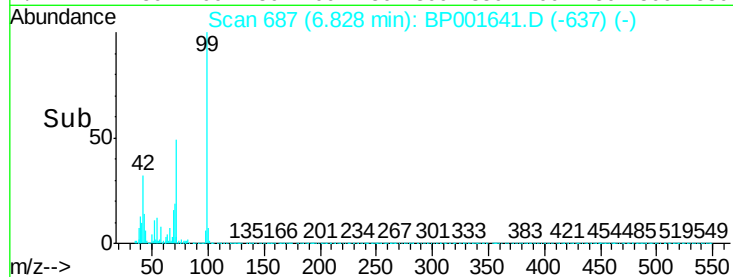
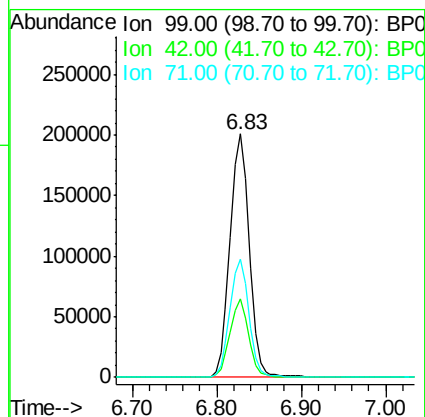
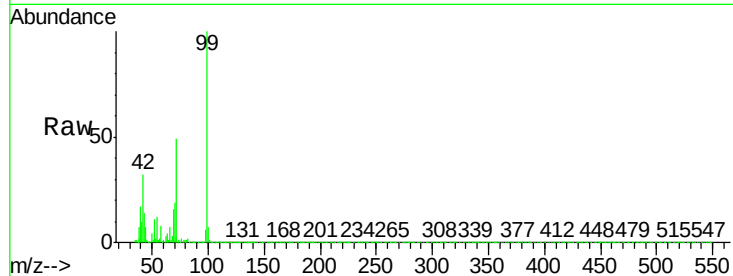
ClientSampled :

SB-30-(3-5)

Tot Ion:	99	Resp:	316798
Ion Ratio	Lower	Upper	
99	100		
42	32.4	24.5	36.7
71	48.6	42.4	63.6

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#10

Phenol

Concen: 2.601 ng

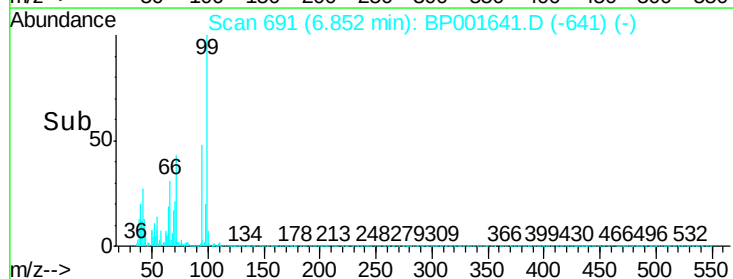
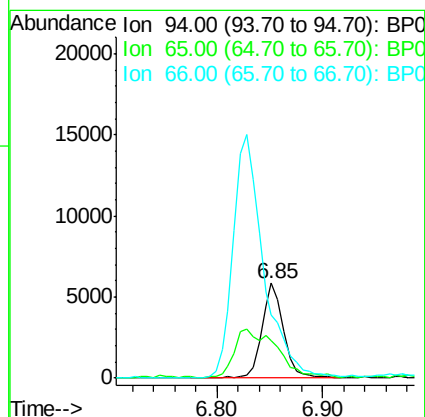
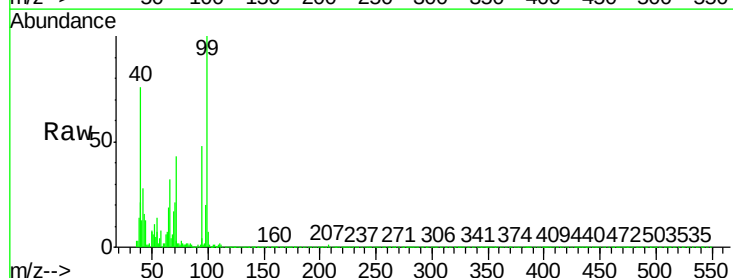
RT: 6.85 min Scan# 691

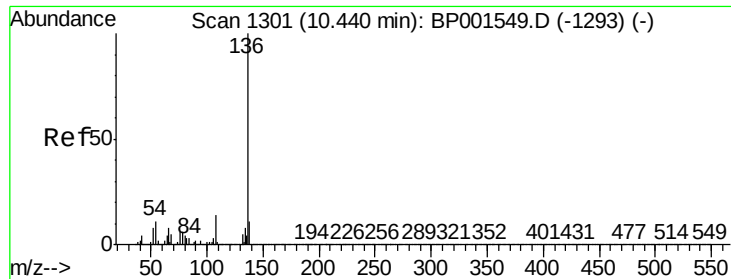
Delta R.T. -0.01 min

Lab File: BP001641.D

Acq: 16 Jan 2020 22:38

Tgt Ion:	94	Resp:	8411
Ion Ratio	Lower	Upper	
94	100		
65	40.4	17.5	57.5
66	66.2	36.7	76.7





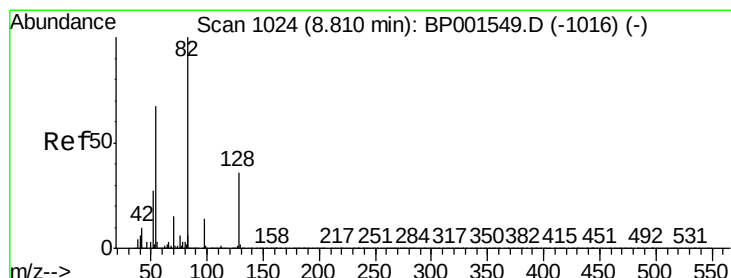
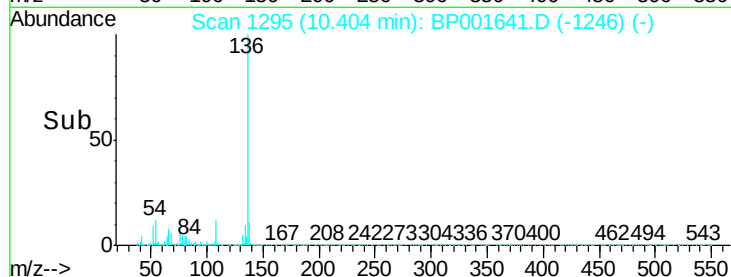
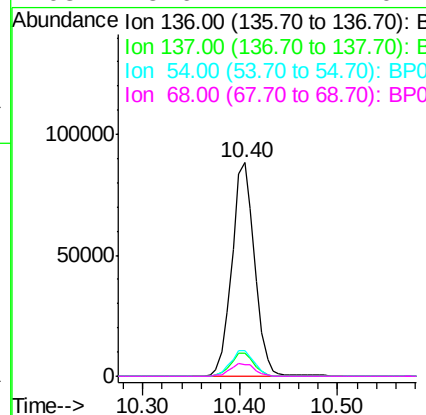
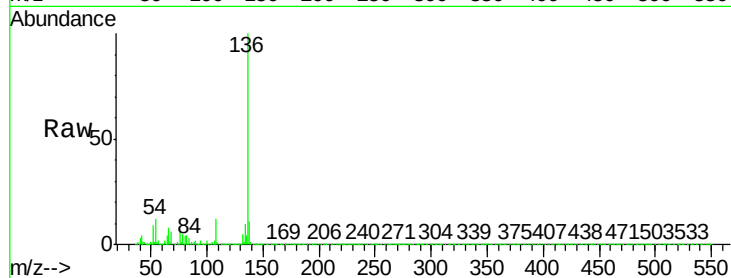
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BP001641.D
Acq: 16 Jan 2020 22:38

Instrument :
BNA_P
ClientSampleId :
SB-30-(3-5)

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.7	8.6	12.8
54	12.0	9.2	13.8
68	5.6	4.1	6.1

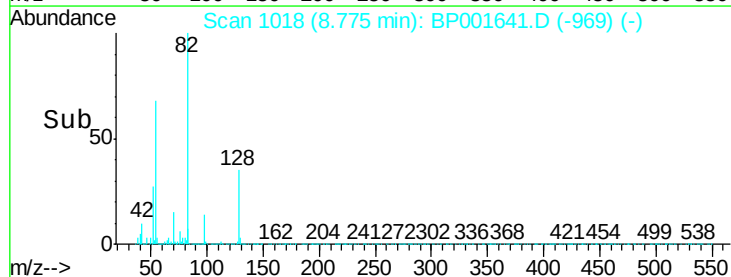
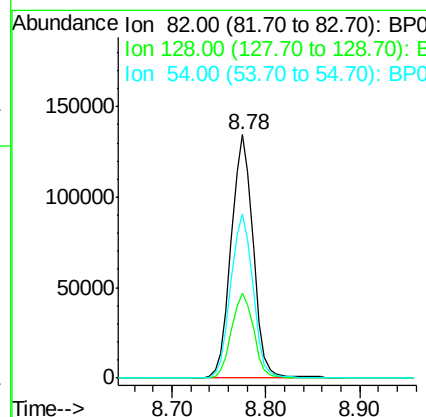
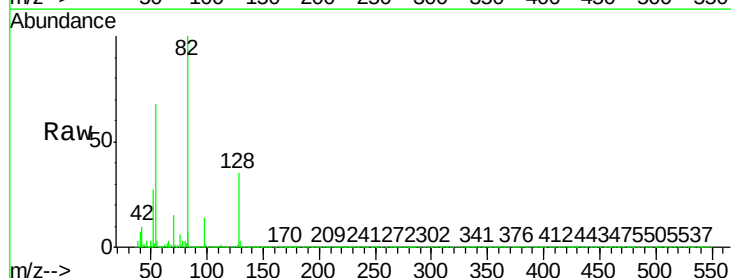
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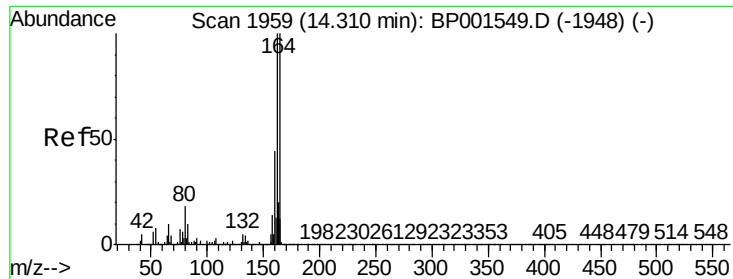
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#23
Nitrobenzene-d5
Concen: 66.937 ng
RT: 8.78 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BP001641.D
Acq: 16 Jan 2020 22:38

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	34.8	28.4	42.6
54	67.5	53.4	80.2





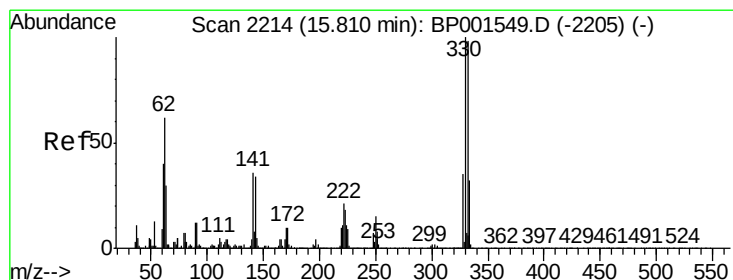
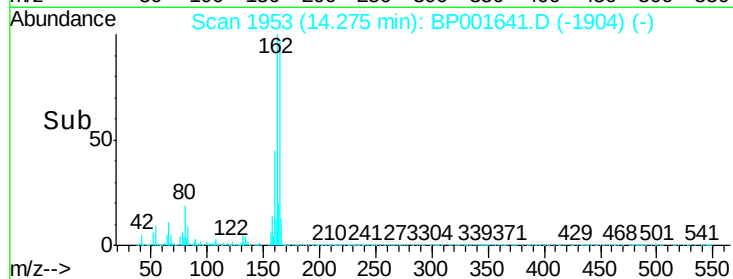
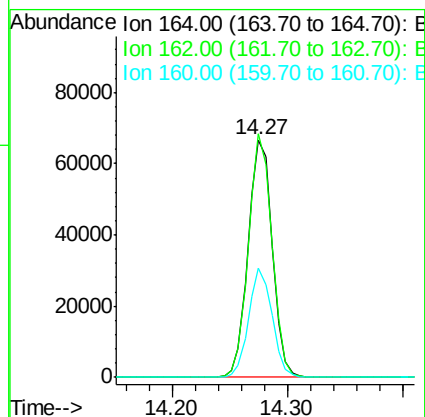
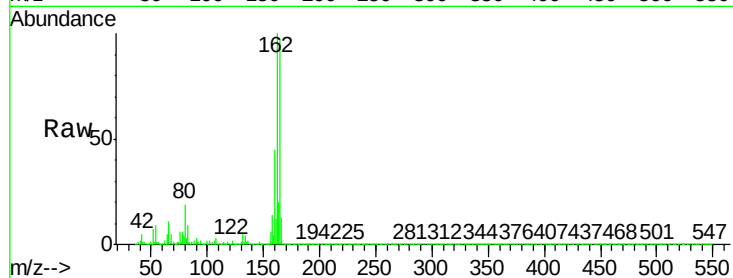
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.27 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BP001641.D
Acq: 16 Jan 2020 22:38

Instrument :
BNA_P
ClientSampleId :
SB-30-(3-5)

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	79.8	119.6
160	45.8	35.0	52.6

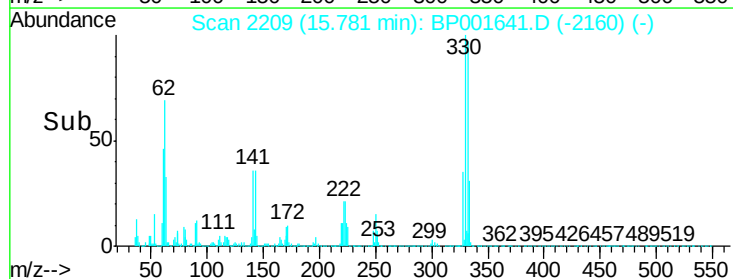
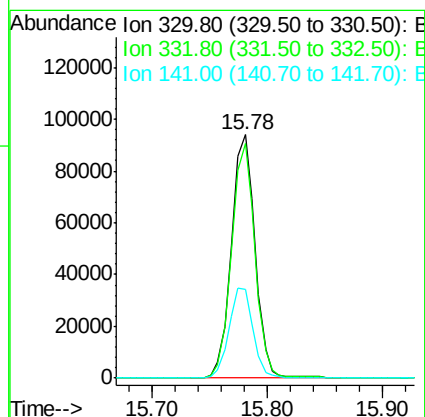
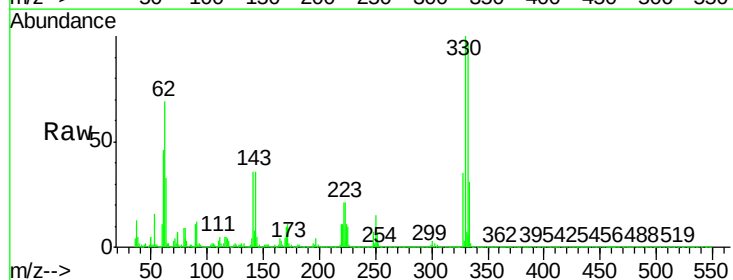
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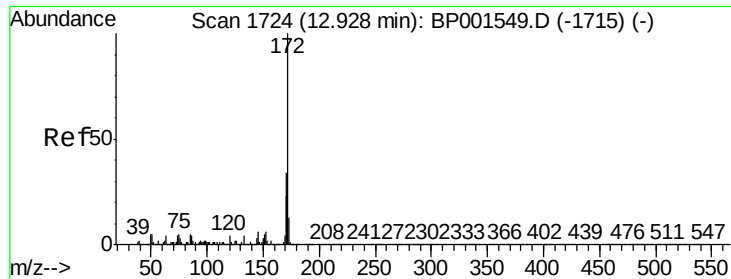
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#42
2,4,6-Tribromophenol
Concen: 90.745 ng
RT: 15.78 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BP001641.D
Acq: 16 Jan 2020 22:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.8	116.6
141	37.5	28.7	43.1





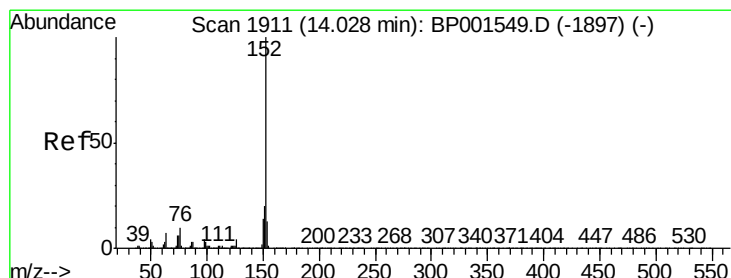
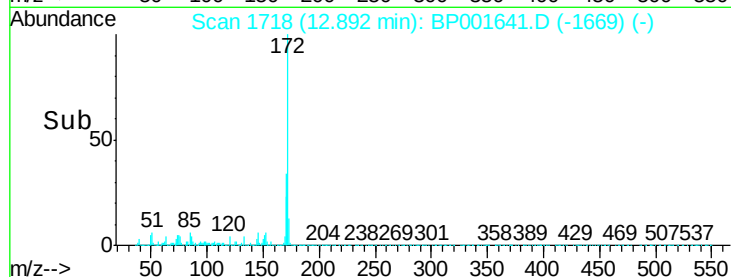
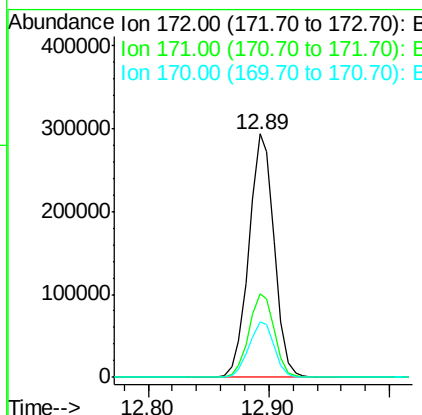
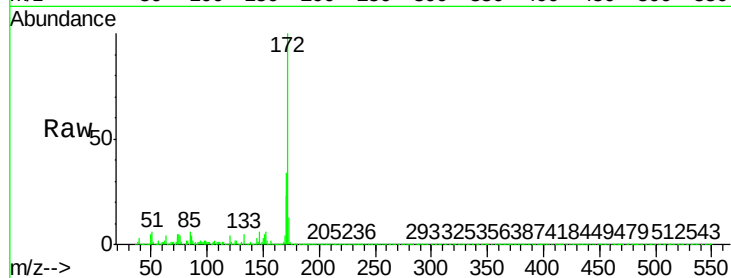
#45
2-Fluorobiphenyl
Concen: 64.716 ng
RT: 12.89 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BP001641.D
Acq: 16 Jan 2020 22:38

Instrument :
BNA_P
ClientSampleId :
SB-30-(3-5)

Tot Ion:	172	Resp:	426246
Ion Ratio	Lower	Upper	
172	100		
171	34.3	27.6	41.4
170	22.7	18.3	27.5

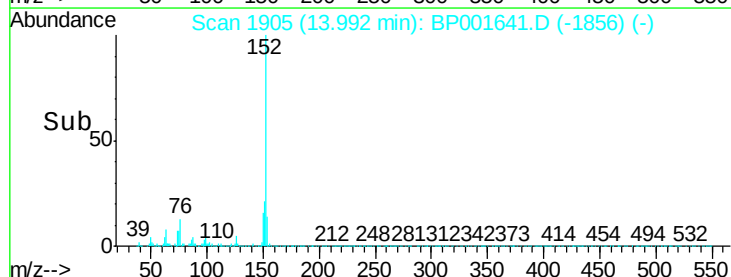
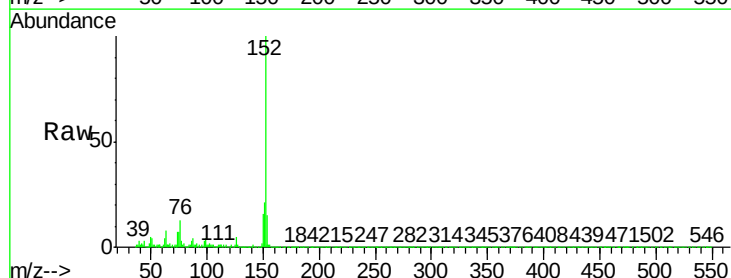
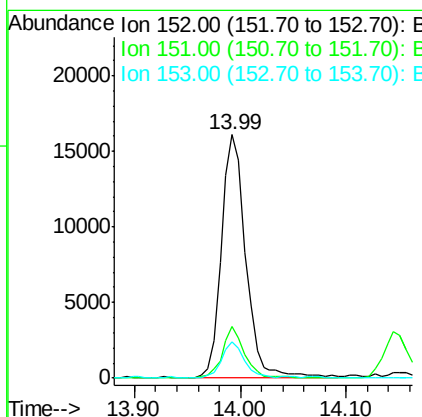
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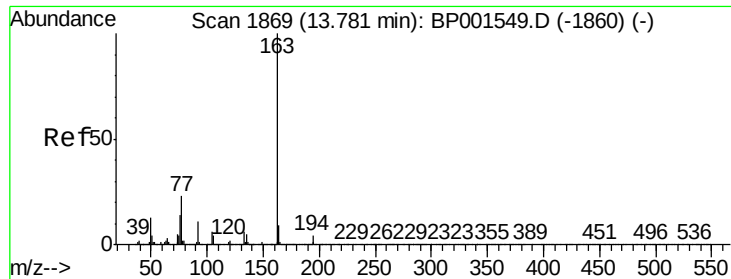
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#49
Acenaphthylene
Concen: 2.913 ng
RT: 13.99 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BP001641.D
Acq: 16 Jan 2020 22:38

Tgt Ion:	152	Resp:	25906
Ion Ratio	Lower	Upper	
152	100		
151	21.0	15.9	23.9
153	15.1	10.4	15.6





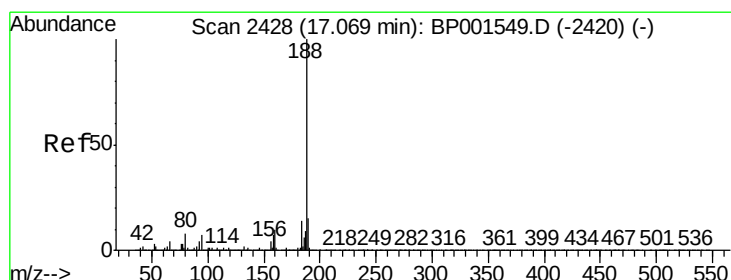
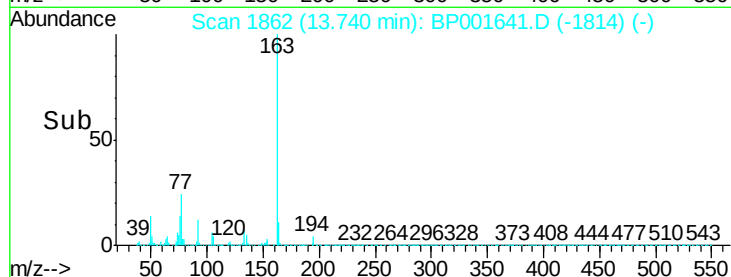
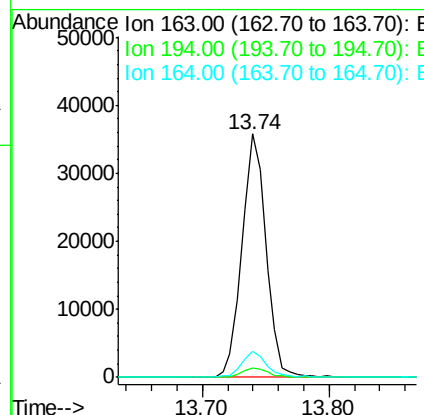
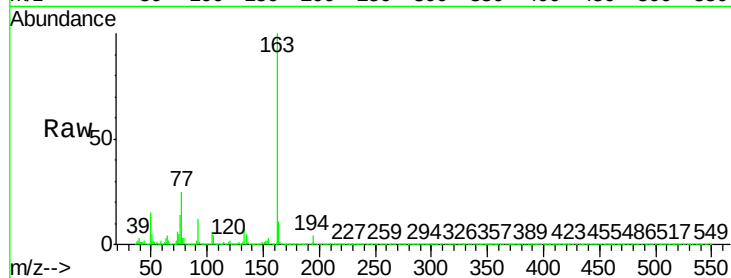
#50
Dimethylphthalate
Concen: 5.871 ng
RT: 13.74 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BP001641.D
Acq: 16 Jan 2020 22:38

Instrument :
BNA_P
ClientSampleId :
SB-30-(3-5)

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.6	5.4
164	10.6	7.5	11.3

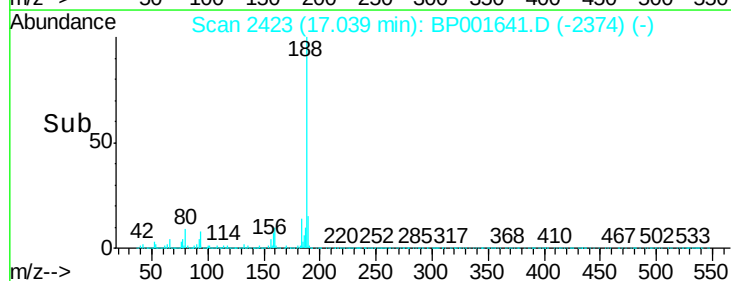
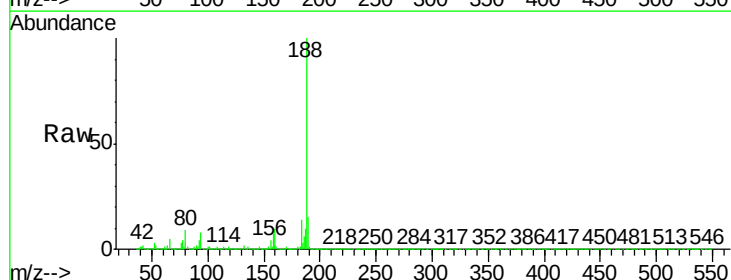
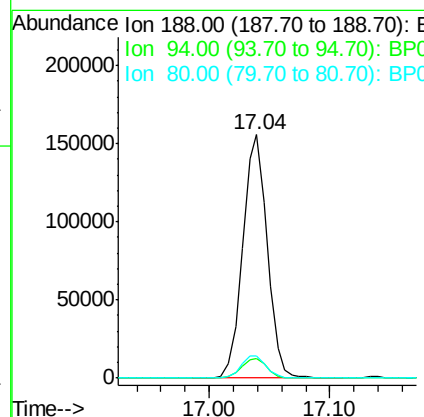
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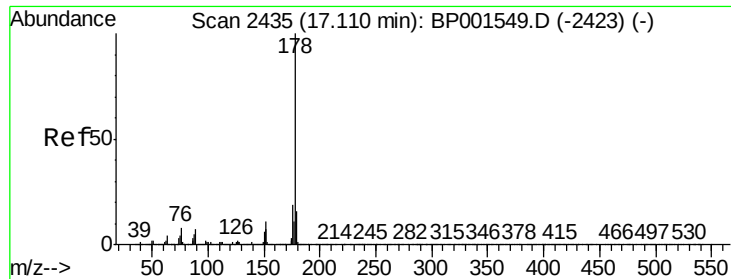
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BP001641.D
Acq: 16 Jan 2020 22:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.9	8.9
80	8.9	6.8	10.2





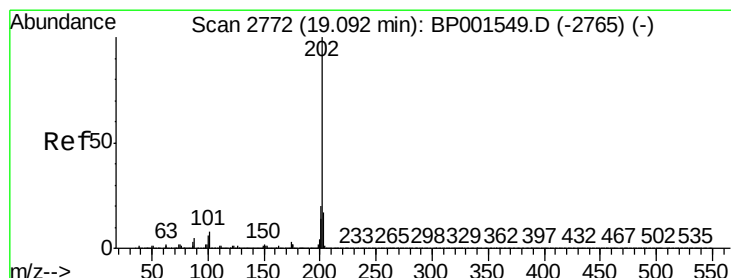
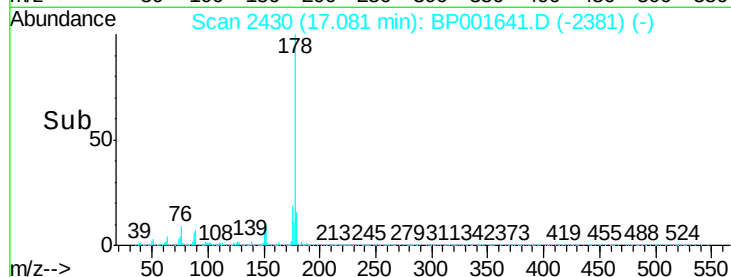
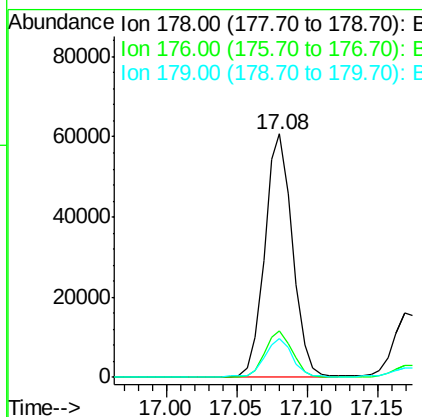
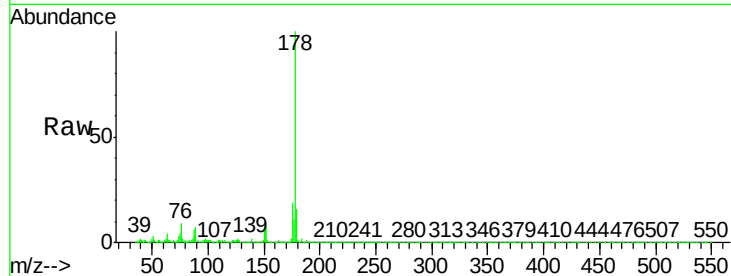
#71
Phenanthrene
Concen: 6.987 ng
RT: 17.08 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BP001641.D
Acq: 16 Jan 2020 22:38

Instrument :
BNA_P
ClientSampleId :
SB-30-(3-5)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.8	12.5	18.7

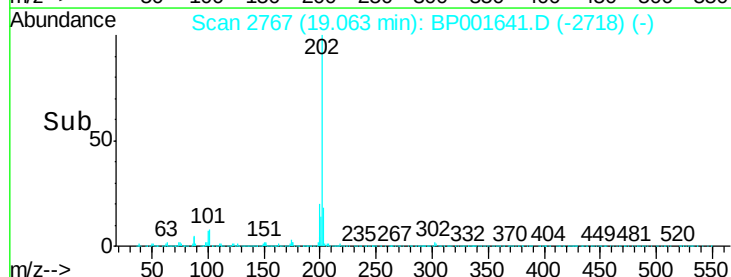
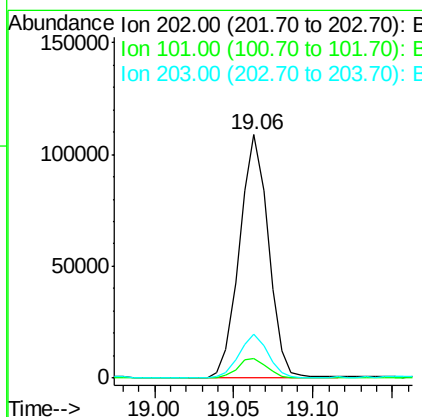
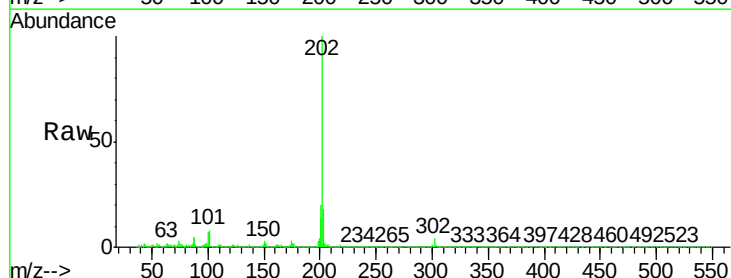
Manual Integrations
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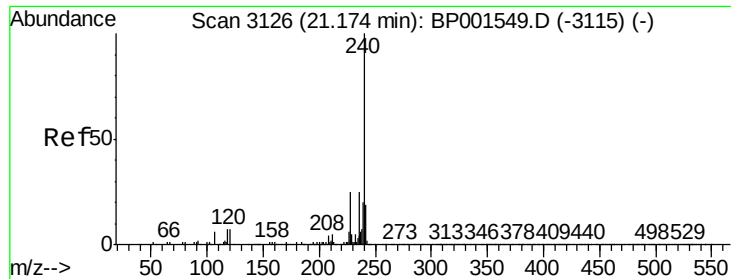
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#75
Fluoranthene
Concen: 8.732 ng
RT: 19.06 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BP001641.D
Acq: 16 Jan 2020 22:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	28.4
203	18.3	0.0	37.4





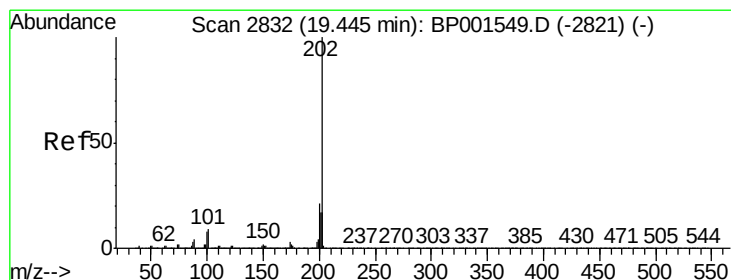
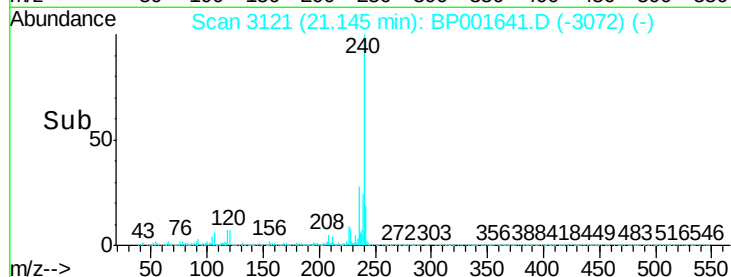
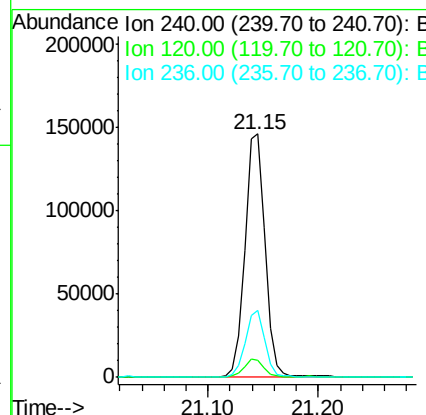
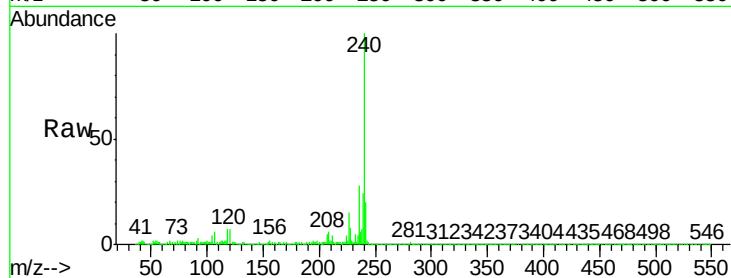
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BP001641.D
Acq: 16 Jan 2020 22:38

Instrument :
BNA_P
ClientSampleId :
SB-30-(3-5)

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.2	5.7	8.5
236	27.7	20.4	30.6

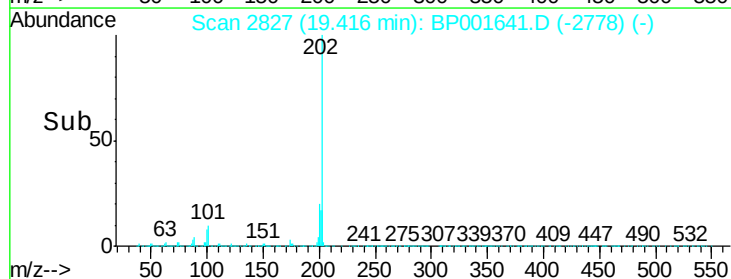
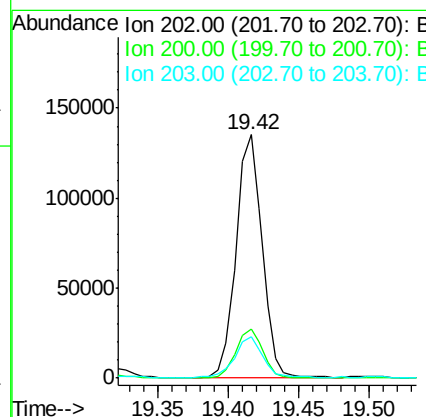
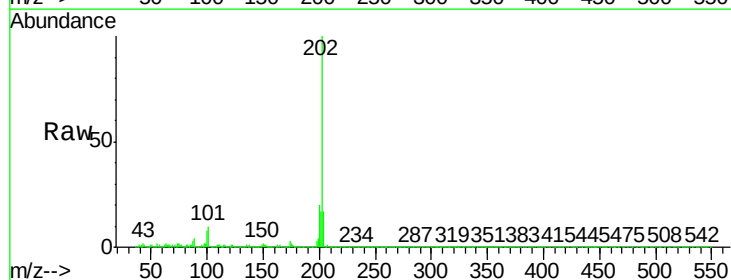
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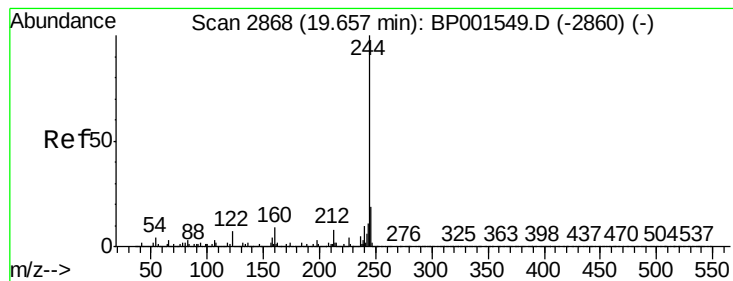
mohammad
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#78
Pyrene
Concen: 12.577 ng
RT: 19.42 min Scan# 2827
Delta R.T. -0.01 min
Lab File: BP001641.D
Acq: 16 Jan 2020 22:38

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	17.0	25.6
203	17.0	13.7	20.5





#79

Terphenyl-d14

Concen: 61.661 ng

RT: 19.63 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BP001641.D

Acq: 16 Jan 2020 22:38

Instrument :

BNA_P

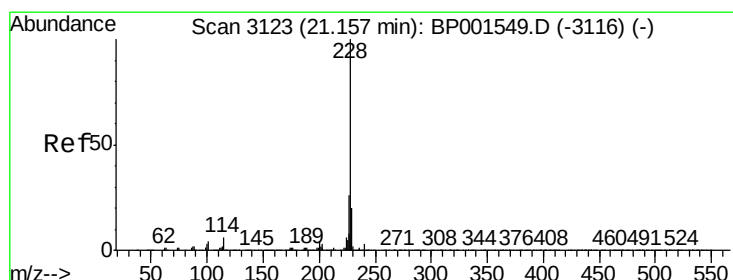
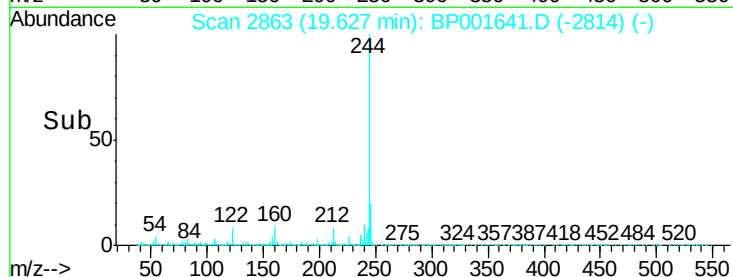
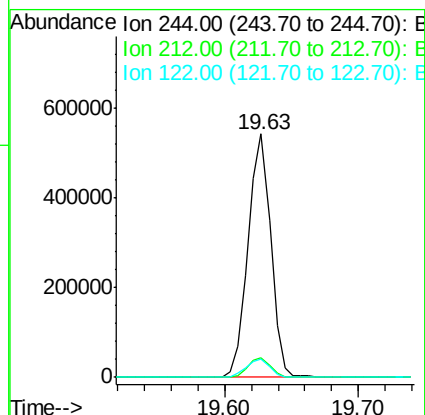
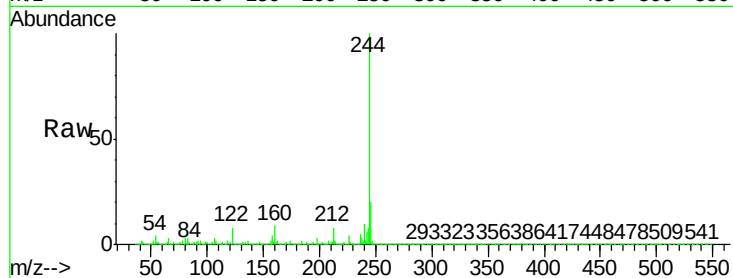
ClientSampled :

SB-30-(3-5)

Tot Ion:	244	Resp:	633010
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.3	9.5
122	7.8	5.8	8.6

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#81

Benzo(a)anthracene

Concen: 5.915 ng m

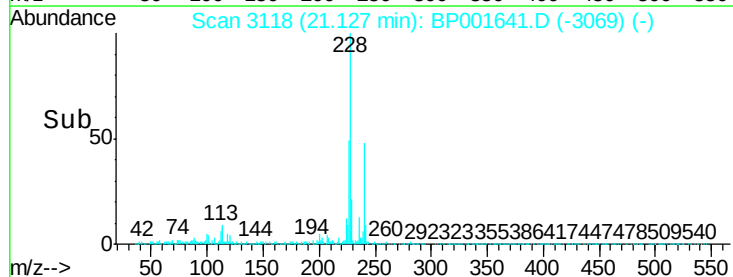
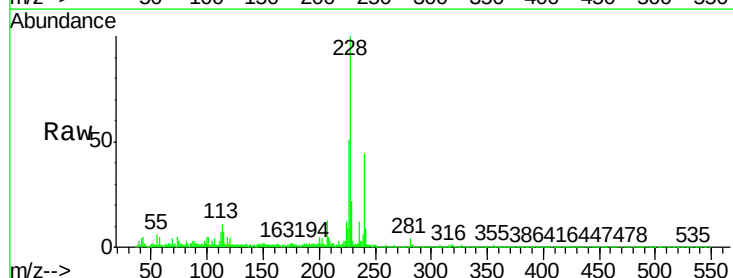
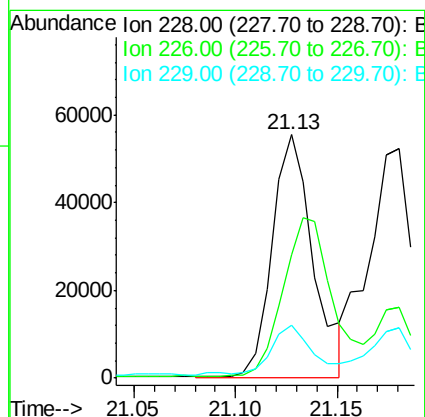
RT: 21.13 min Scan# 3118

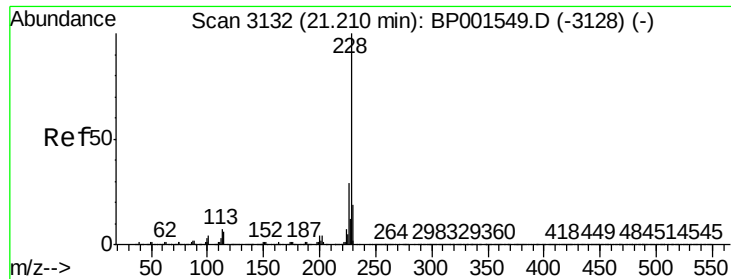
Delta R.T. -0.01 min

Lab File: BP001641.D

Acq: 16 Jan 2020 22:38

Tgt Ion:	228	Resp:	77354
Ion Ratio	Lower	Upper	
228	100		
226	50.5	21.2	31.8#
229	21.9	16.1	24.1





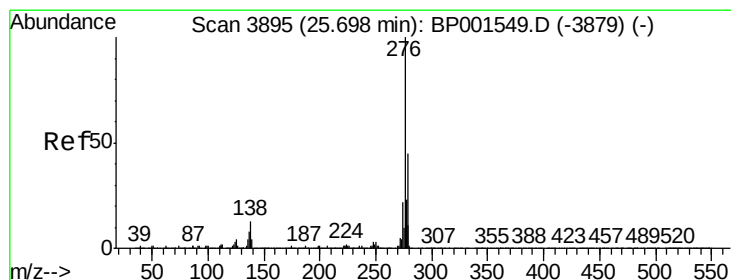
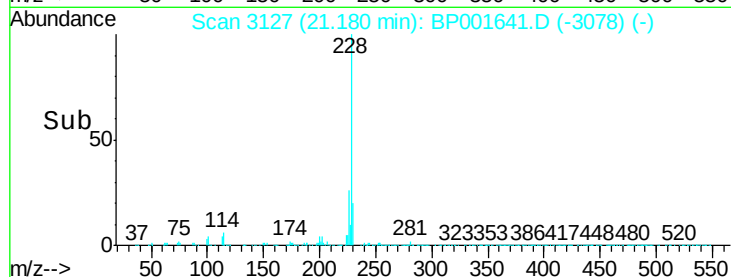
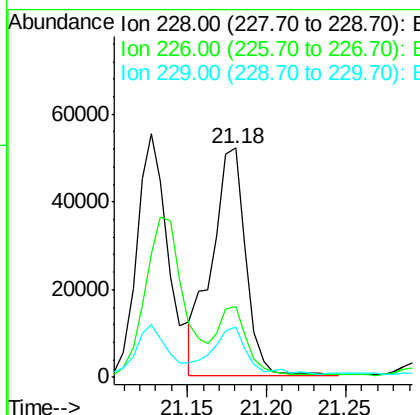
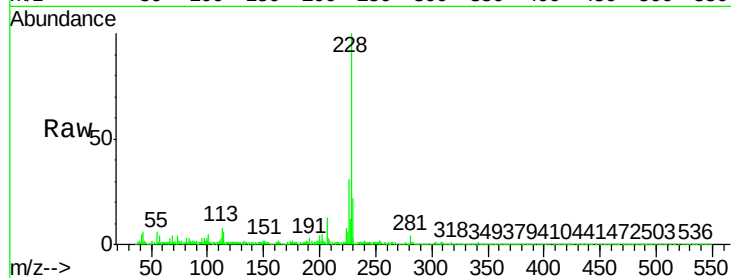
#83
Chrysene
Concen: 6.103 ng
RT: 21.18 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BP001641.D
Acq: 16 Jan 2020 22:38

Instrument :
BNA_P
ClientSampled :
SB-30-(3-5)

Tot Ion:228	Resp:	77773
Ion Ratio	Lower	Upper
228 100		
226 30.8	23.2	34.8
229 22.2	15.2	22.8

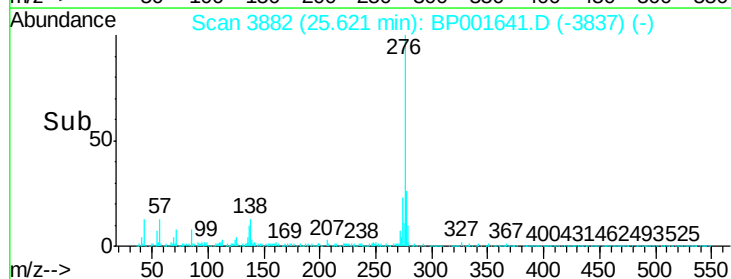
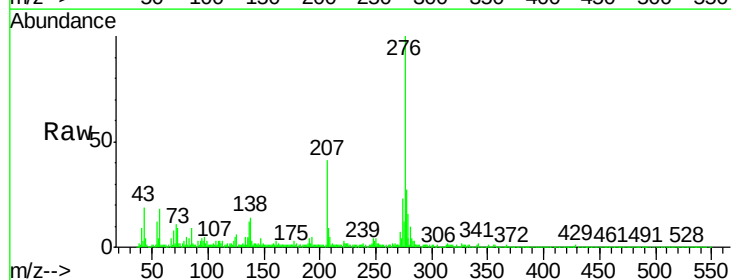
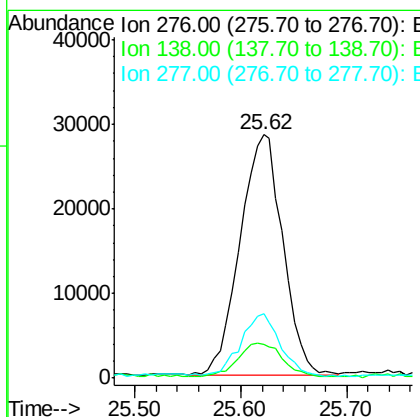
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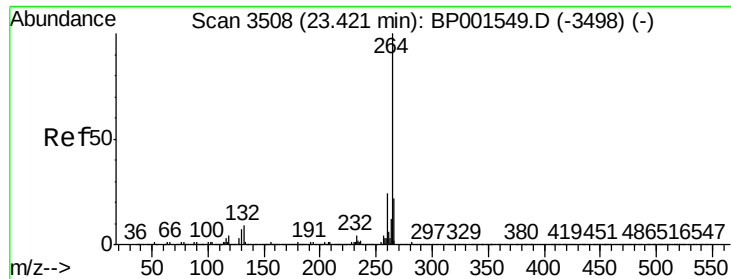
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#86
Indeno(1,2,3-cd)pyrene
Concen: 5.362 ng
RT: 25.62 min Scan# 3882
Delta R.T. -0.04 min
Lab File: BP001641.D
Acq: 16 Jan 2020 22:38

Tgt Ion:276	Resp:	79995
Ion Ratio	Lower	Upper
276 100		
138 14.4	11.1	16.7
277 23.7	20.4	30.6





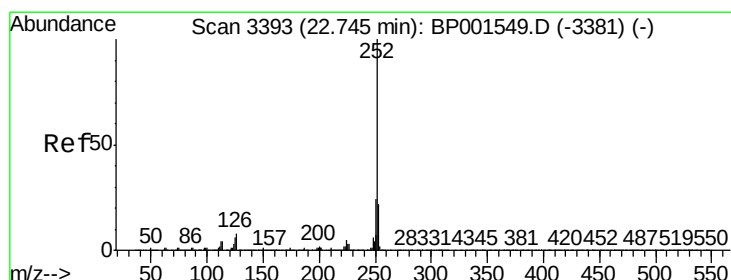
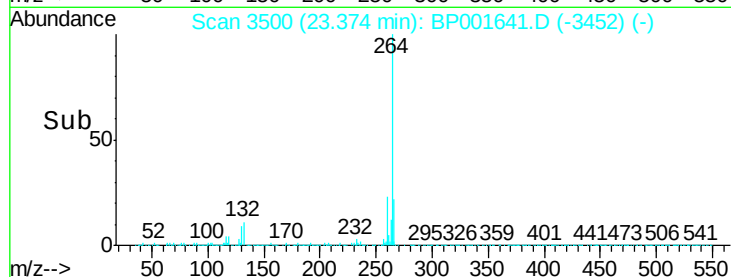
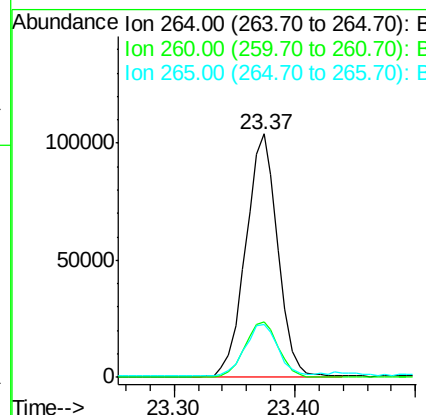
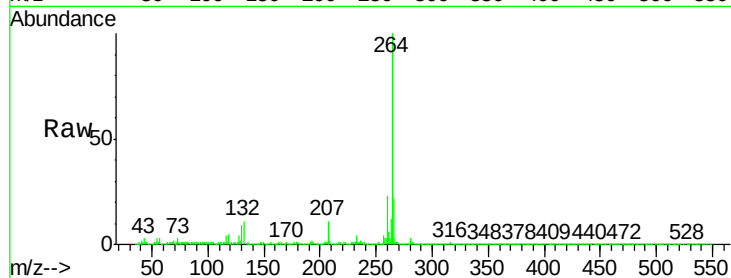
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3500
Delta R.T. -0.02 min
Lab File: BP001641.D
Acq: 16 Jan 2020 22:38

Instrument :
BNA_P
ClientSampleId :
SB-30-(3-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.6
265	21.6	18.2	27.4

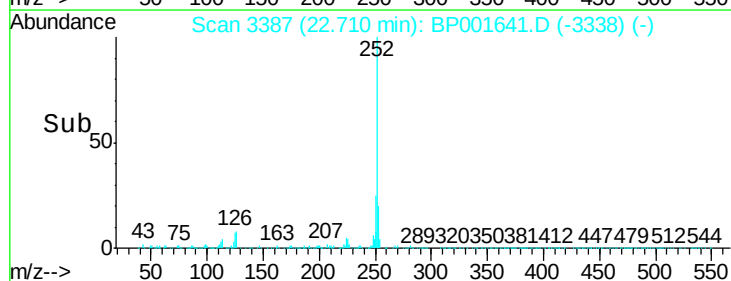
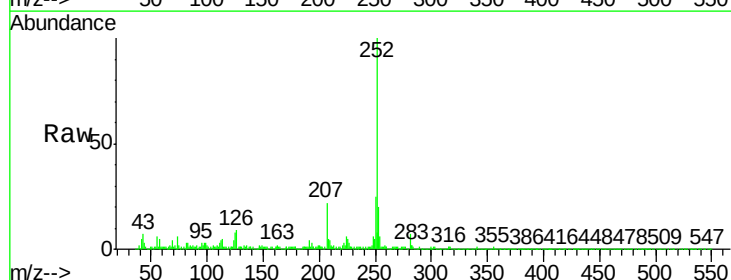
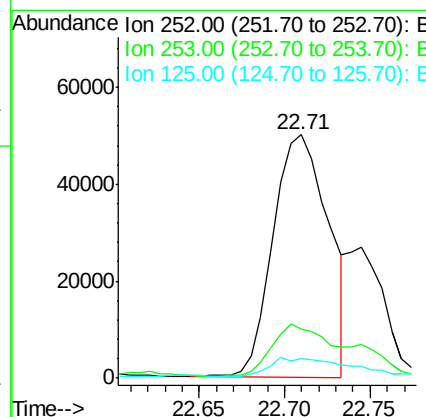
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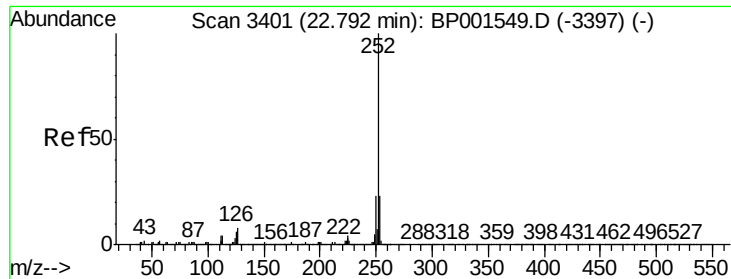
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#88
Benzo(b)fluoranthene
Concen: 9.382 ng m
RT: 22.71 min Scan# 3387
Delta R.T. -0.01 min
Lab File: BP001641.D
Acq: 16 Jan 2020 22:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.6	26.4
125	7.9	4.6	7.0





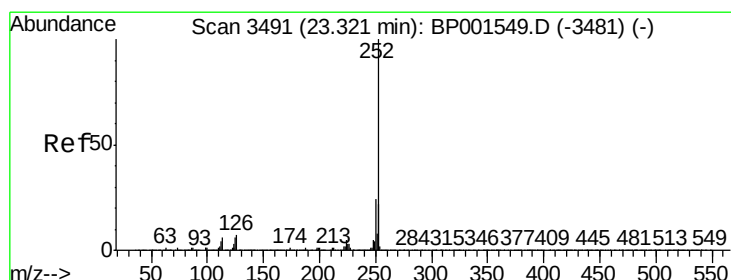
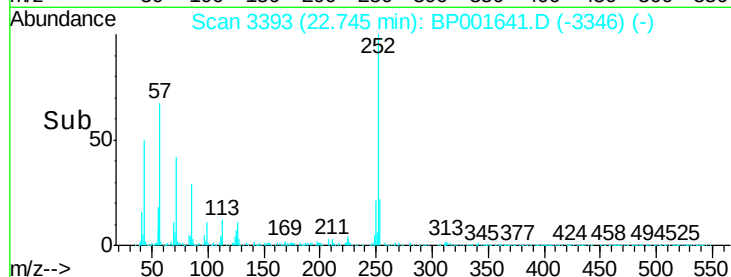
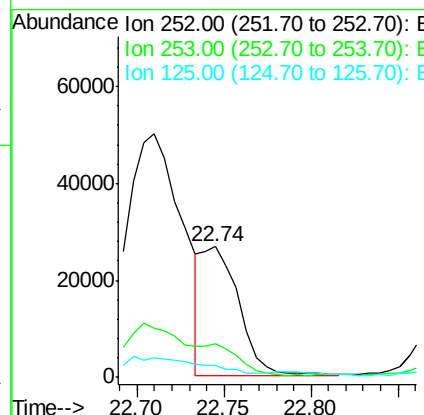
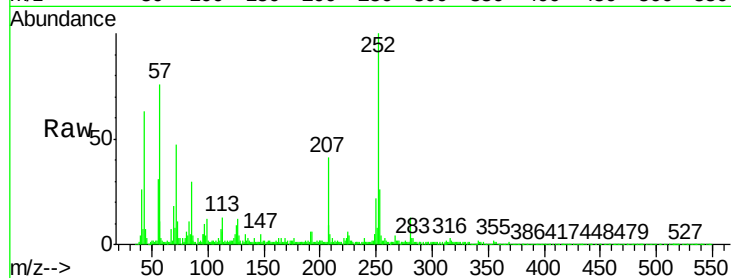
#89
Benzo(k)fluoranthene
Concen: 3.315 ng m
RT: 22.74 min Scan# 3393
Delta R.T. -0.02 min
Lab File: BP001641.D
Acq: 16 Jan 2020 22:38

Instrument :
BNA_P
ClientSampleId :
SB-30-(3-5)

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.8	18.2	27.2
125	9.1	4.6	6.8

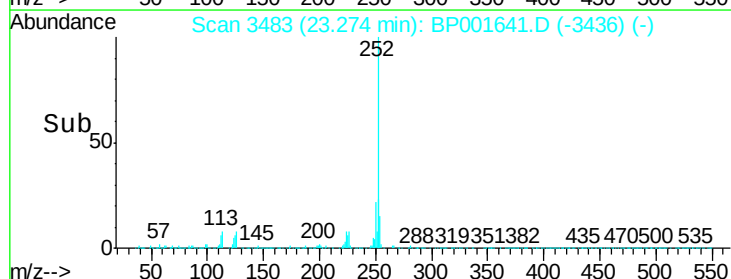
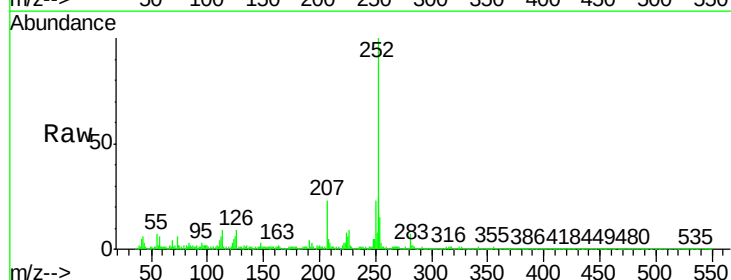
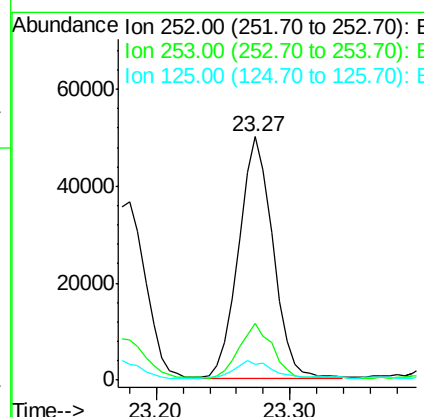
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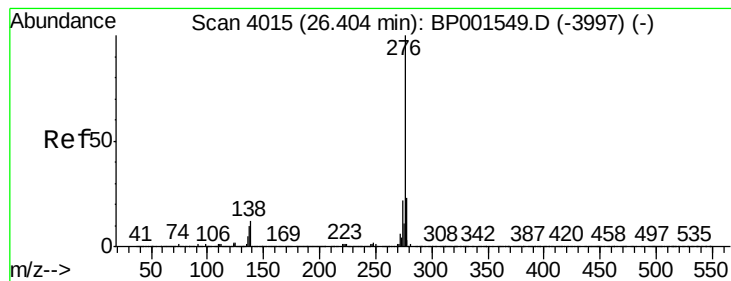
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#90
Benzo(a)pyrene
Concen: 7.739 ng
RT: 23.27 min Scan# 3483
Delta R.T. -0.02 min
Lab File: BP001641.D
Acq: 16 Jan 2020 22:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	6.3	5.0	7.4





#92

Benzo(a,h,i)perylene

Concen: 7.696 ng

RT: 26.30 min Scan# 3997

Delta R.T. -0.04 min

Lab File: BP001641.D

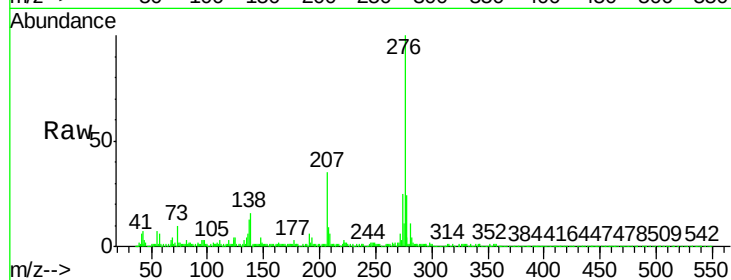
Acq: 16 Jan 2020 22:38

Instrument :

BNA_P

ClientSampleId :

SB-30-(3-5)



Tot Ion:	276	Resp:	90232
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.6	28.0
138	15.9	9.4	14.2#

Manual Integrations
APPROVED

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