

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
 Data File : BP000313.D
 Acq On : 18 Sep 2019 21:39
 Operator : HP/JU
 Sample : K4878-16DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TPA-9DL

Manual Integrations
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Jagrut
 9/19/2019 11:07:24 AM

Quant Time: Sep 19 05:02:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	263544	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	964059	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	513187	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	906302	20.00	ng	0.00
76) Chrysene-d12	14.00	240	728720	20.00	ng	0.00
87) Perylene-d12	15.49	264	777795	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	299467	19.62	ng	0.00
7) Phenol-d6	6.42	99	387153	20.69	ng	0.00
23) Nitrobenzene-d5	7.35	82	178562	11.95	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	100003	19.65	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	459005	16.10	ng	0.00
79) Terphenyl-d14	12.93	244	502043	14.45	ng	0.00
Target Compounds						
49) Acenaphthylene	9.69	152	266071	5.944	ng	100
55) Dibenzofuran	10.04	168	113941	2.853	ng	99
58) Fluorene	10.39	166	111285	3.608	ng	99
71) Phenanthrene	11.35	178	814539	17.935	ng	99
72) Anthracene	11.40	178	473711	10.133	ng	98
75) Fluoranthene	12.56	202	2094943	42.957	ng	97
78) Pyrene	12.79	202	1886088	34.594	ng	99
81) Benzo(a)anthracene	13.99	228	1089331m	23.665	ng	
83) Chrysene	14.02	228	896373	19.833	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	582150m	10.567	ng	
88) Benzo(b)fluoranthene	15.05	252	1432483m	30.872	ng	
89) Benzo(k)fluoranthene	15.07	252	456625m	11.282	ng	
90) Benzo(a)pyrene	15.42	252	1021765	24.201	ng	96
91) Dibenzo(a,h)anthracene	16.98	278	157859m	4.010	ng	
92) Benzo(a,h,i)perylene	17.42	276	522696	12.918	ng	96

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

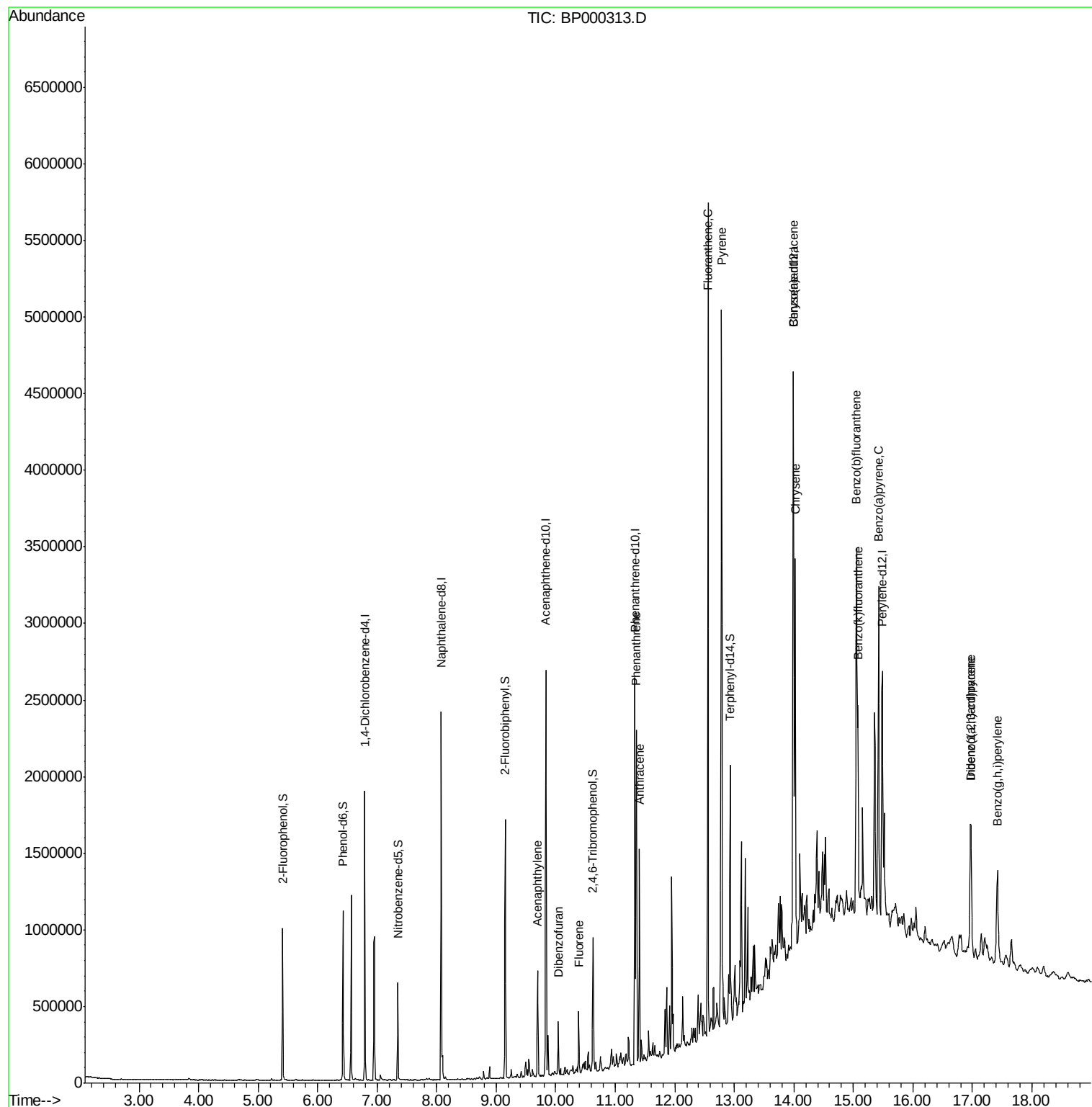
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000313.D
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Misc :
ALS Vial : 25 Sample Multiplier: 1

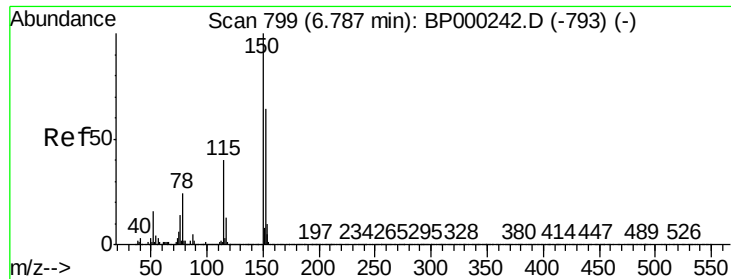
Instrument :
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ClientSampleId :
TPA-9DL

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Quant Time: Sep 19 05:02:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 18:59:05 2019
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#1

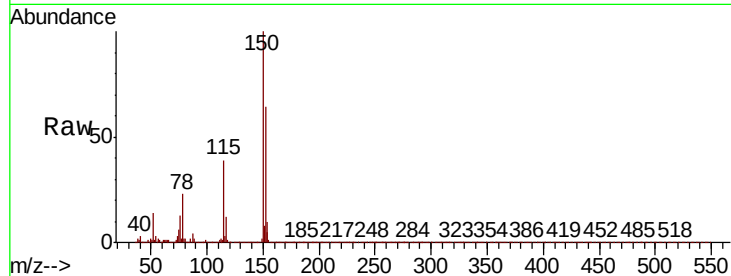
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000313.D
Acq: 18 Sep 2019 21:39

Instrument :
BNA_P
ClientSampleId :
TPA-9DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.2	187.8
115	60.4	49.7	74.5

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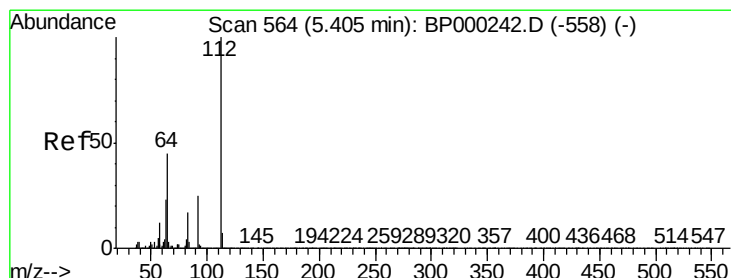
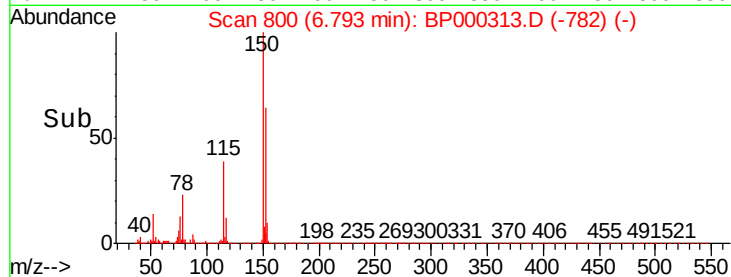
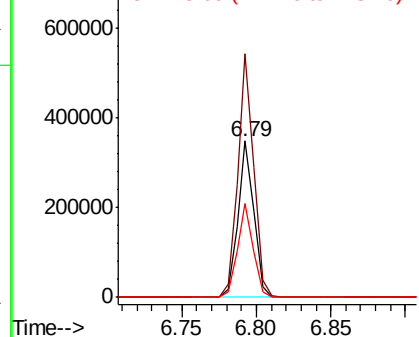


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

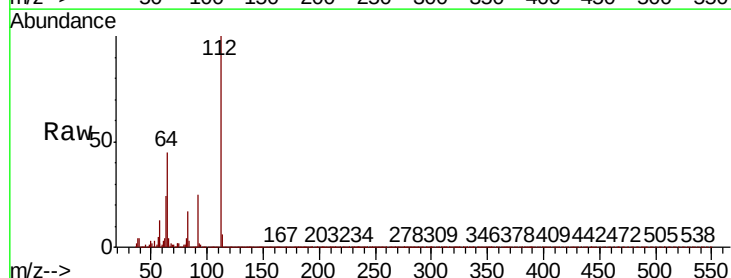
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 19.617 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000313.D
Acq: 18 Sep 2019 21:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.5	36.2	54.4
63	23.5	18.3	27.5

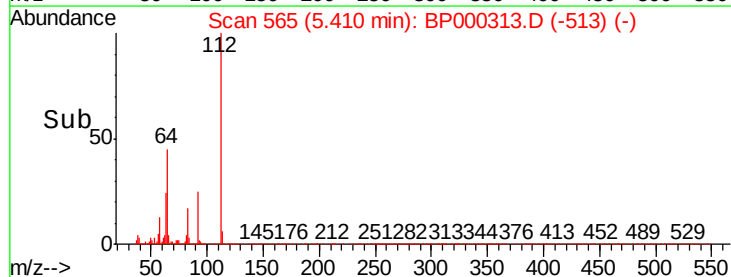
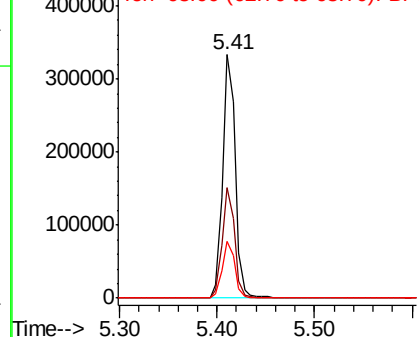


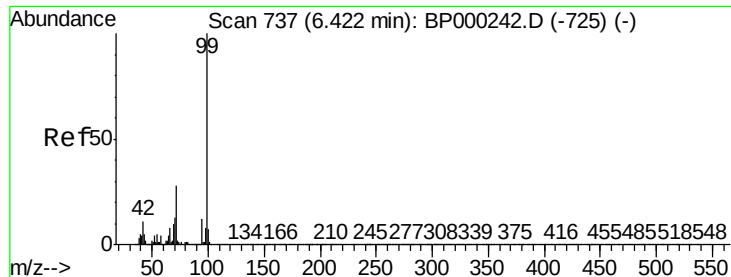
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 20.689 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000313.D

Acq: 18 Sep 2019 21:39

Instrument :

BNA_P

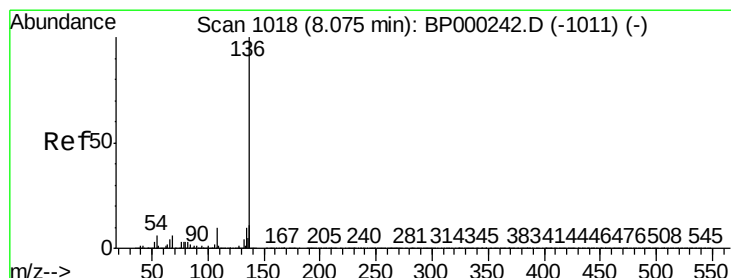
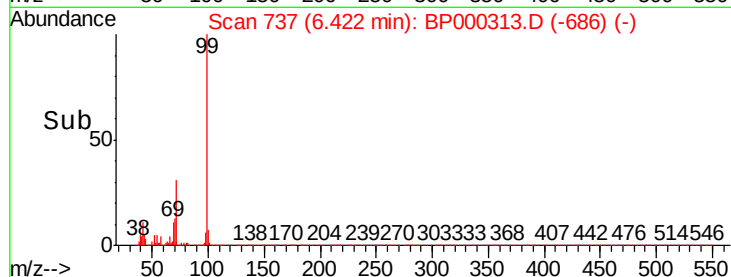
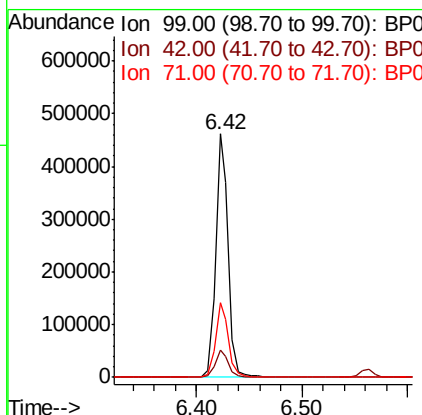
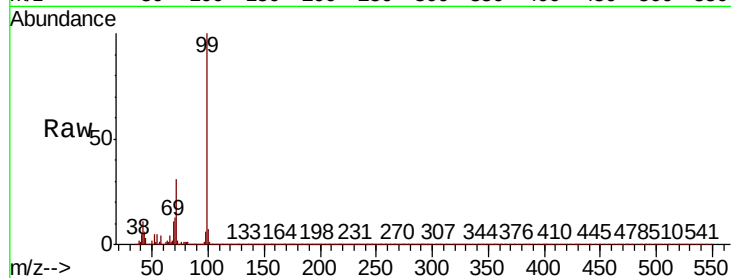
ClientSampleId :

TPA-9DL

Tot Ion:	99	Resp:	387153
Ion Ratio	Lower	Upper	
99	100		
42	11.4	8.5	12.7
71	30.8	22.6	34.0

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#21

Naphthalene-d8

Concen: 20.000 ng

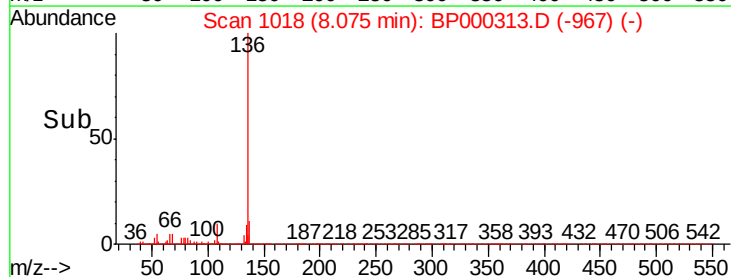
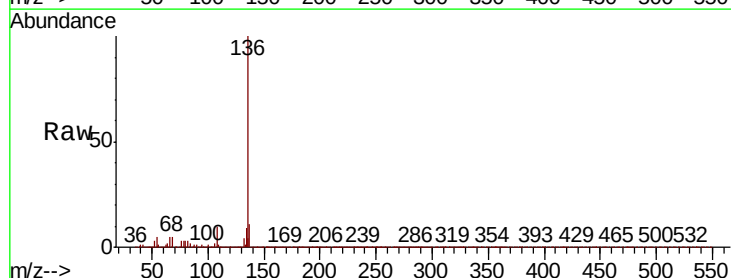
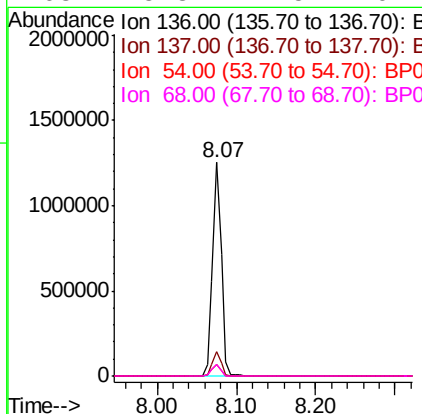
RT: 8.07 min Scan# 1018

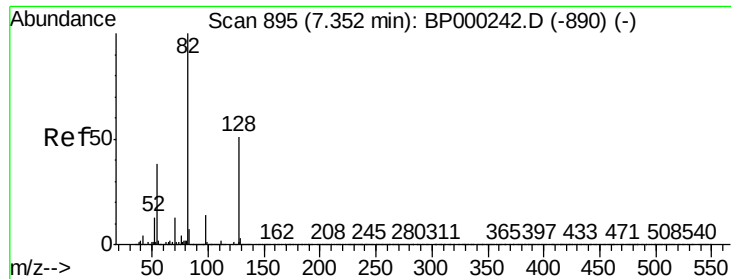
Delta R.T. -0.00 min

Lab File: BP000313.D

Acq: 18 Sep 2019 21:39

Tgt Ion:	136	Resp:	964059
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	13.0
54	5.5	4.5	6.7
68	5.3	4.5	6.7





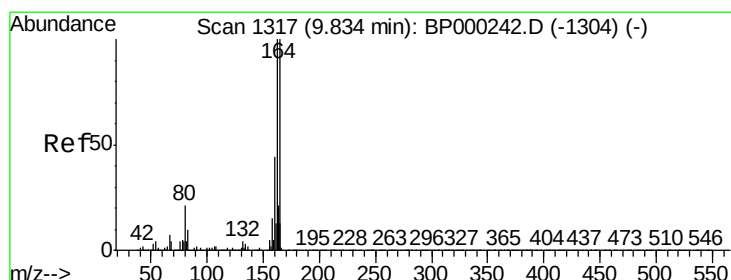
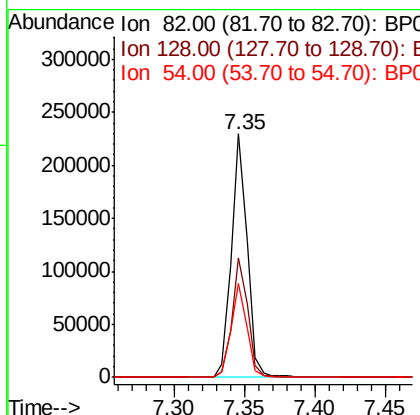
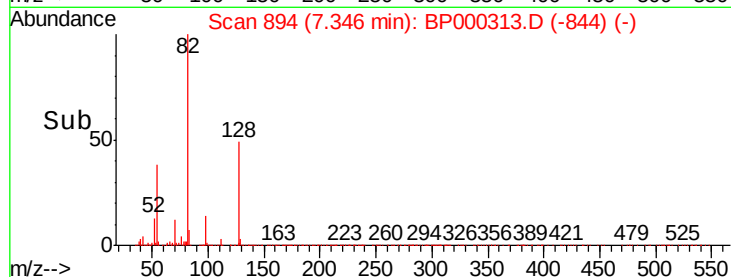
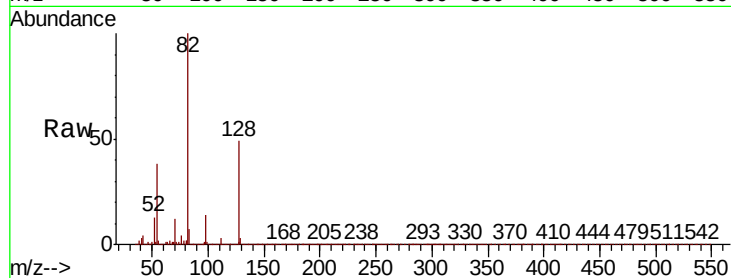
#23
 Nitrobenzene-d5
 Concen: 11.950 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BP000313.D
 Acq: 18 Sep 2019 21:39

Instrument :
 BNA_P
 ClientSampleId :
 TPA-9DL

Tot Ion	82	Resp	178562
Ion Ratio	Lower	Upper	
82	100		
128	48.8	40.7	61.1
54	38.5	30.1	45.1

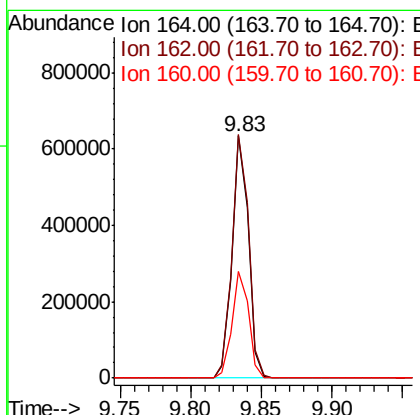
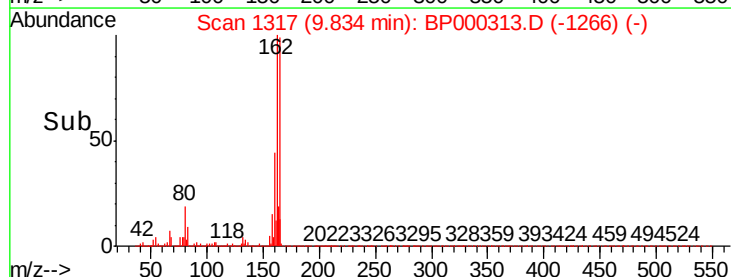
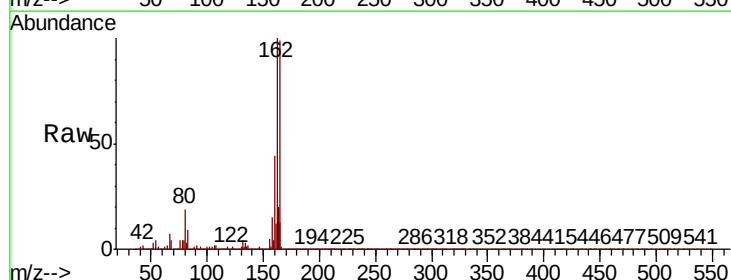
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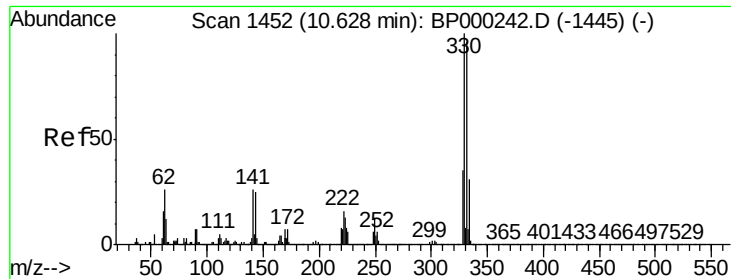
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BP000313.D
 Acq: 18 Sep 2019 21:39

Tgt Ion	164	Resp	513187
Ion Ratio	Lower	Upper	
164	100		
162	100.7	79.9	119.9
160	44.2	35.6	53.4





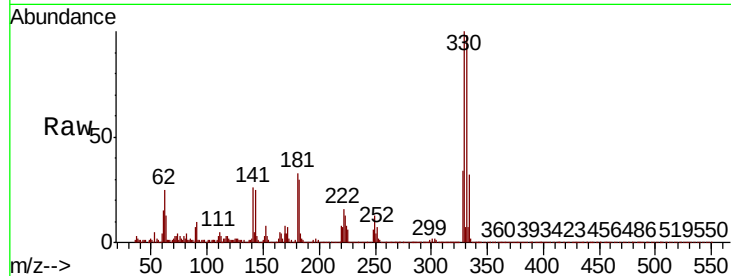
#42
2,4,6-Tribromophenol
Concen: 19.646 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000313.D
Acq: 18 Sep 2019 21:39

Instrument :
BNA_P
ClientSampleId :
TPA-9DL

Tot Ion	Ratio	Resp	Lower	Upper
330	100	100003		
332	97.7		76.6	115.0
141	31.0		26.5	39.7

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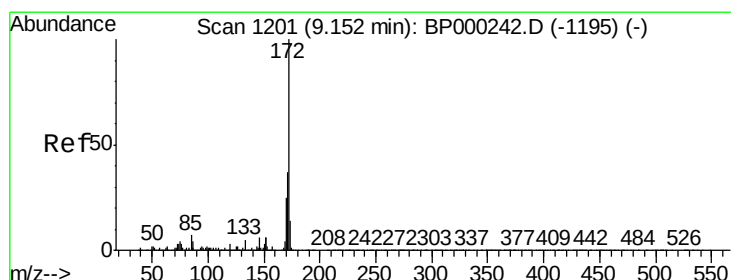
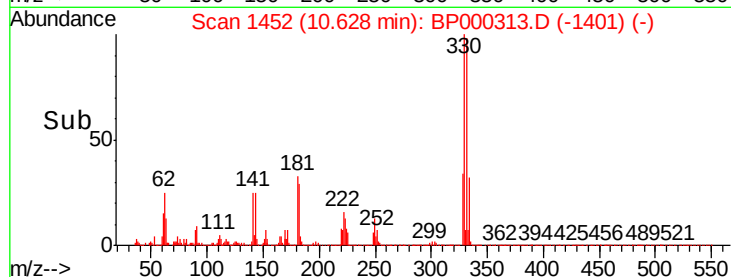
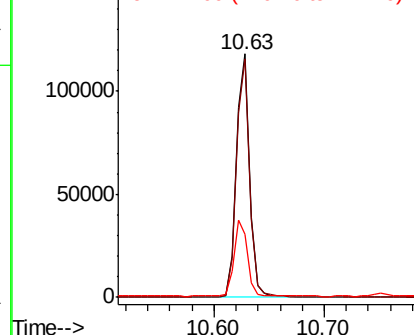


Abundance

Ion 329.80 (329.50 to 330.50): E

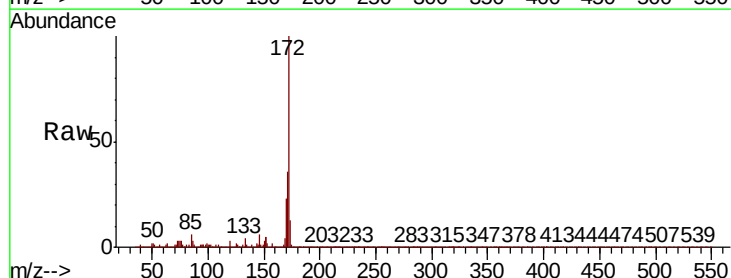
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 16.098 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000313.D
Acq: 18 Sep 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	459005		
171	35.5		29.8	44.6
170	23.4		19.8	29.6

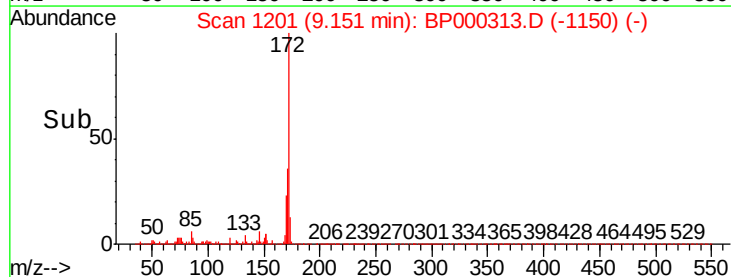
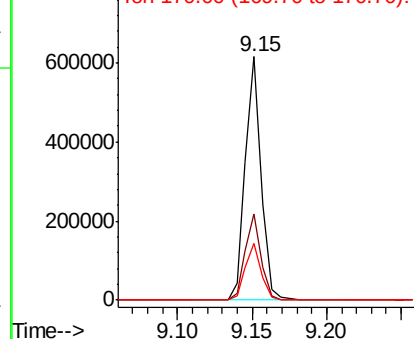


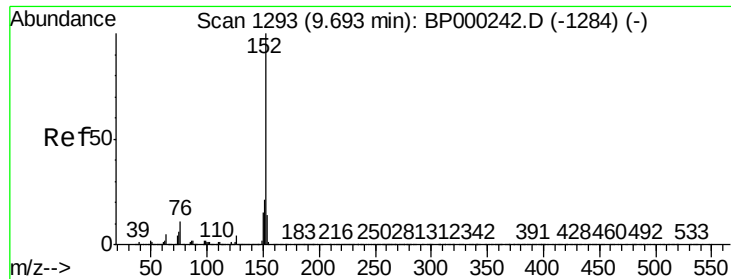
Abundance

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





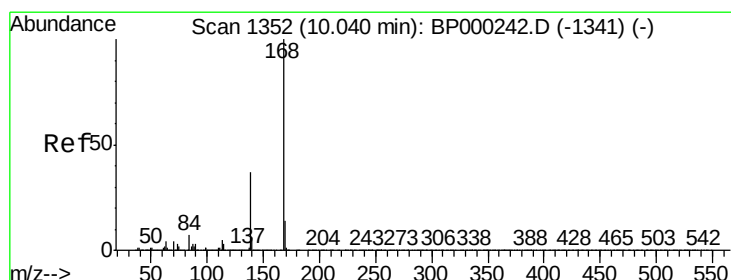
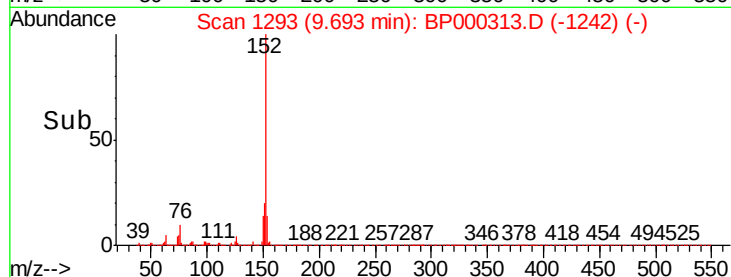
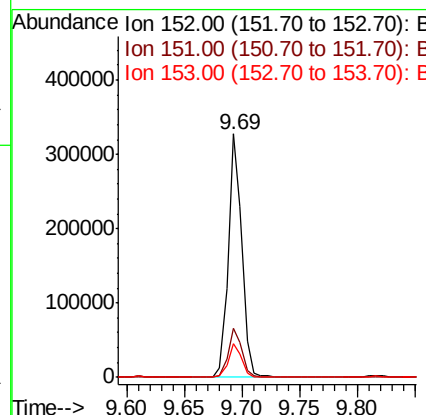
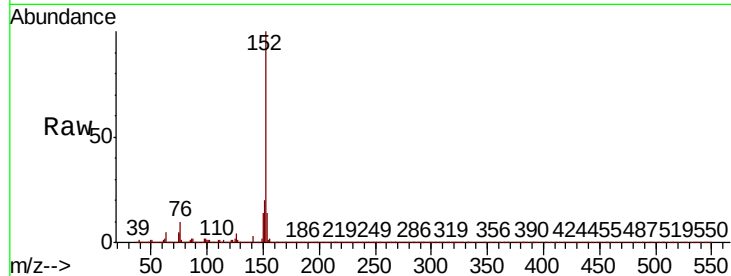
#49
Acenaphthylene
Concen: 5.944 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BP000313.D
Acq: 18 Sep 2019 21:39

Instrument :
BNA_P
ClientSampleId :
TPA-9DL

Tot Ion	Ratio	Resp	Lower	Upper
152	100	266071		
151	20.2		16.4	24.6
153	13.6		11.0	16.4

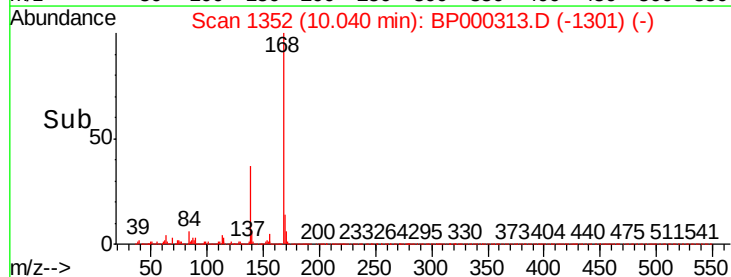
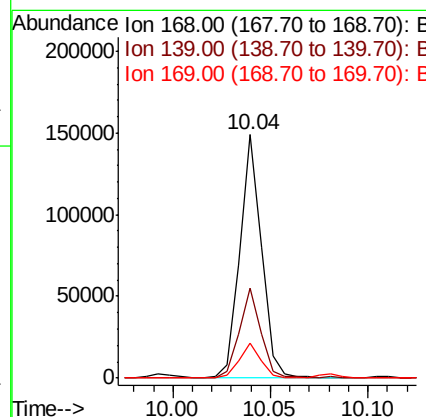
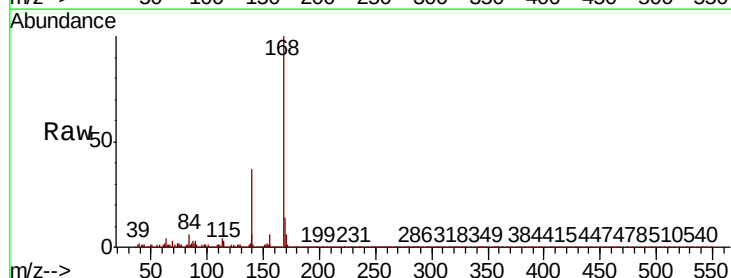
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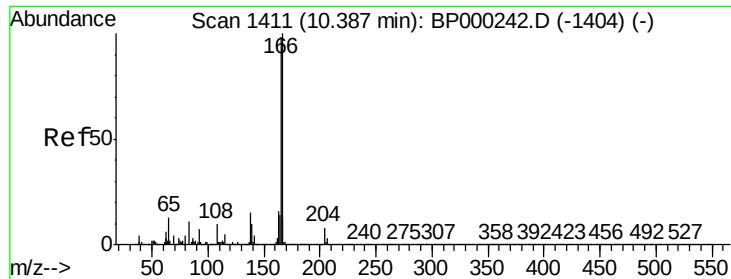
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#55
Dibenzofuran
Concen: 2.853 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BP000313.D
Acq: 18 Sep 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	113941		
139	37.1		30.0	45.0
169	14.2		11.0	16.6





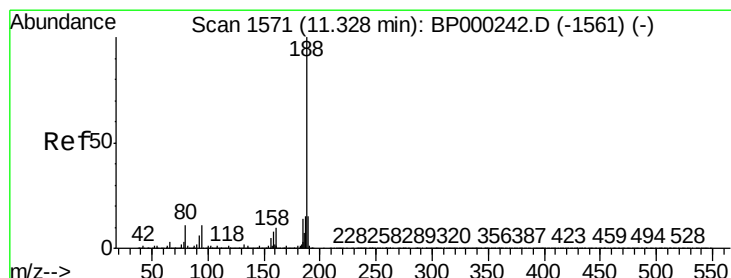
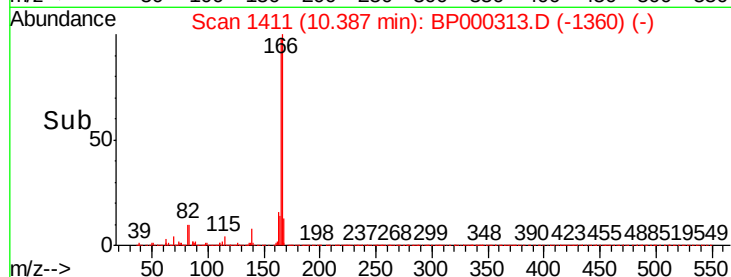
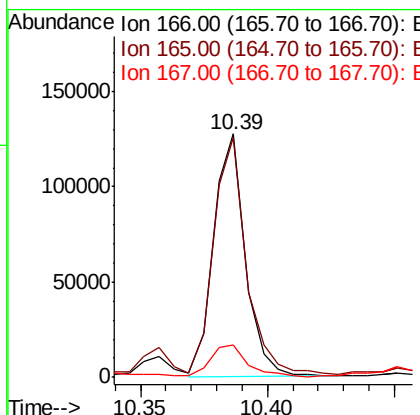
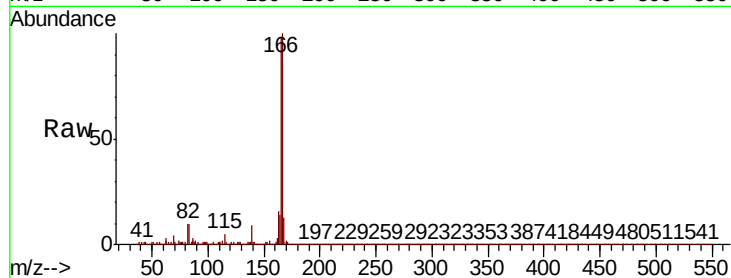
#58
Fluorene
Concen: 3.608 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BP000313.D
Acq: 18 Sep 2019 21:39

Instrument :
BNA_P
ClientSampleId :
TPA-9DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.2	117.2
167	13.3	10.7	16.1

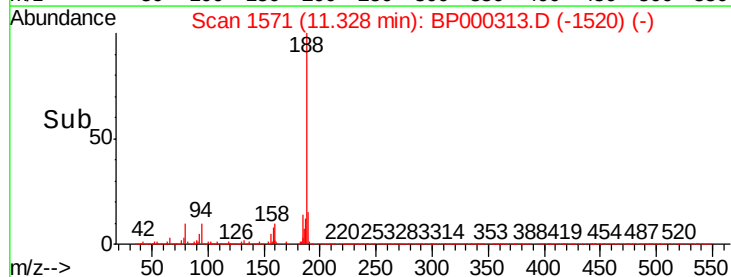
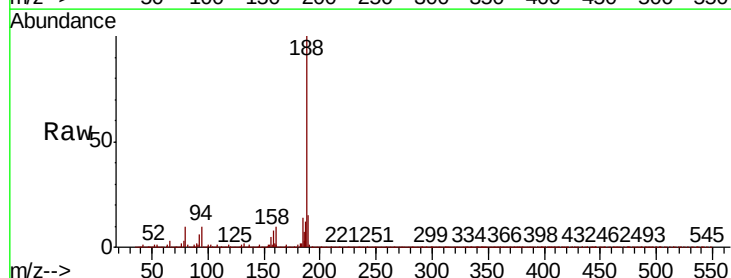
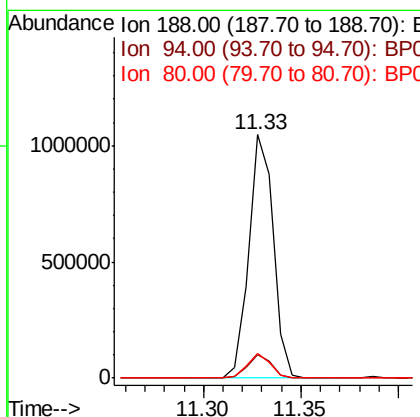
Manual Integrations
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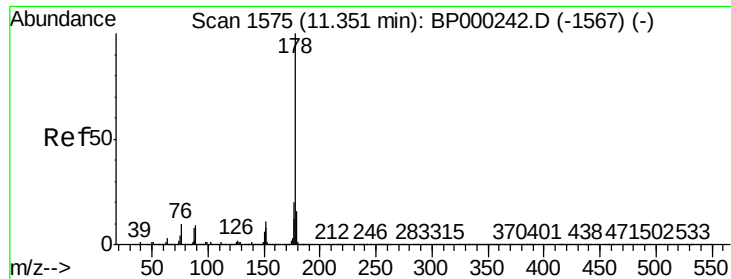
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000313.D
Acq: 18 Sep 2019 21:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.2	8.6	13.0





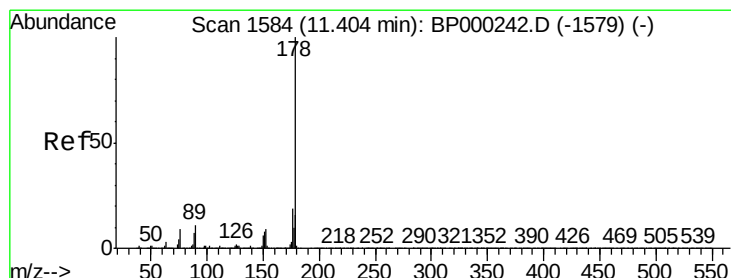
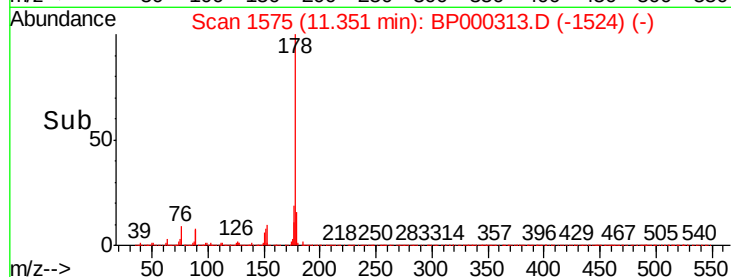
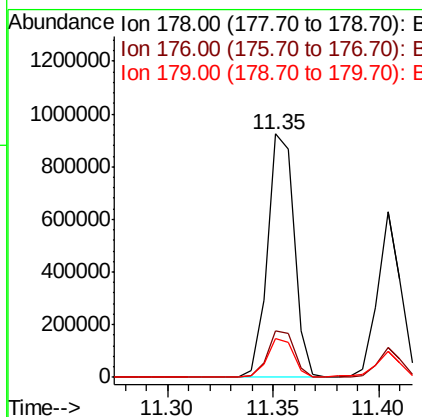
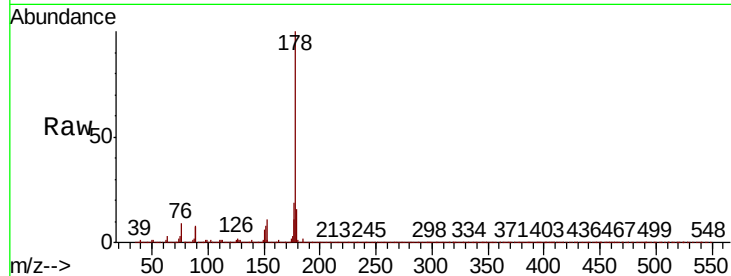
#71
Phenanthrene
Concen: 17.935 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BP000313.D
Acq: 18 Sep 2019 21:39

Instrument :
BNA_P
ClientSampleId :
TPA-9DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	15.8	12.7	19.1

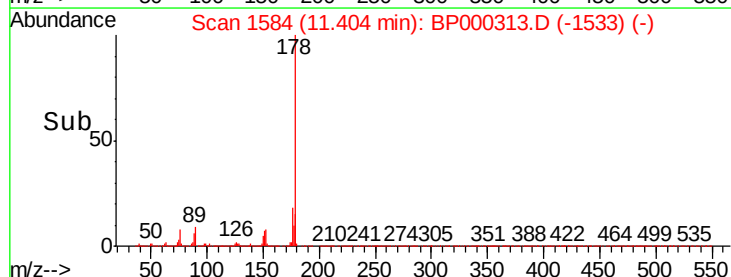
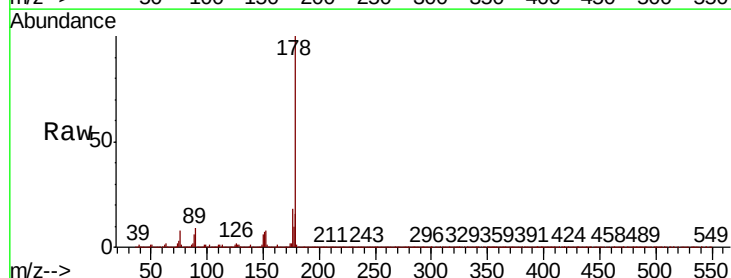
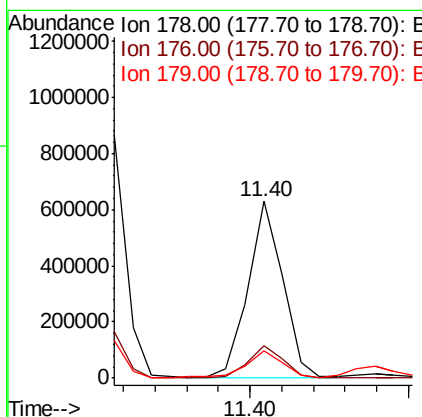
Manual Integrations
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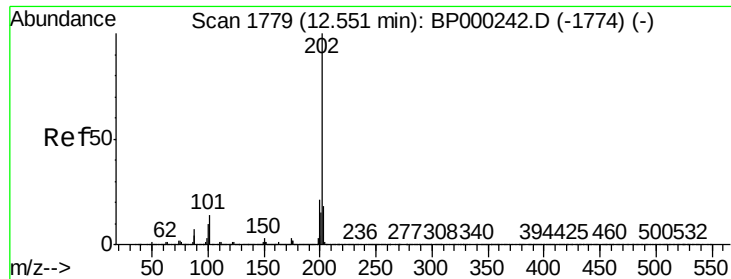
Jagrut
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#72
Anthracene
Concen: 10.133 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BP000313.D
Acq: 18 Sep 2019 21:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.4	23.0
179	15.5	12.7	19.1





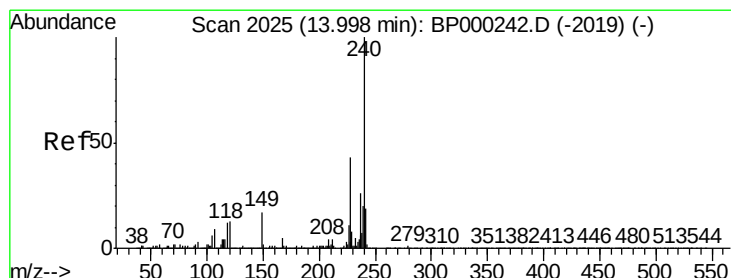
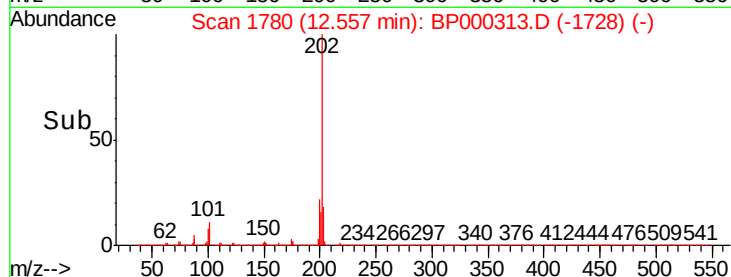
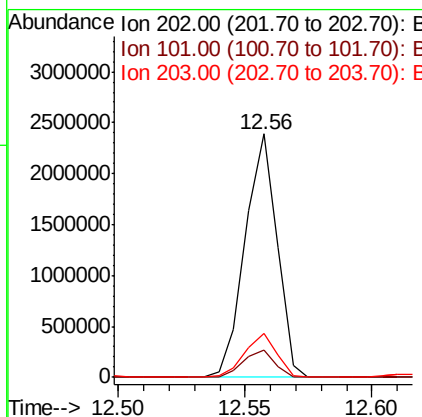
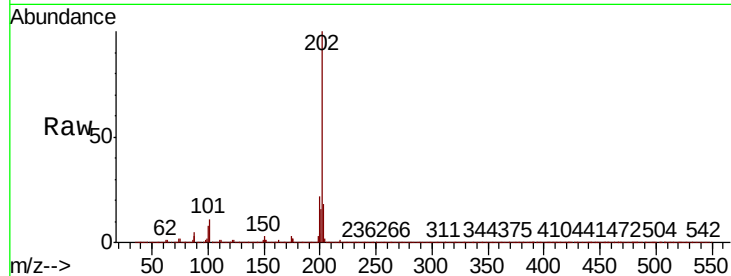
#75
Fluoranthene
Concen: 42.957 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BP000313.D
Acq: 18 Sep 2019 21:39

Instrument :
BNA_P
ClientSampleId :
TPA-9DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	2094943		
101	11.0		0.0	33.9
203	18.2		0.0	38.0

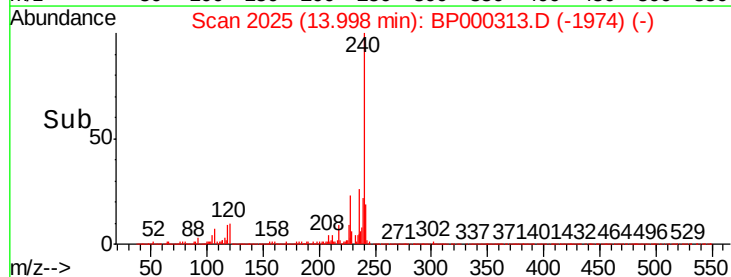
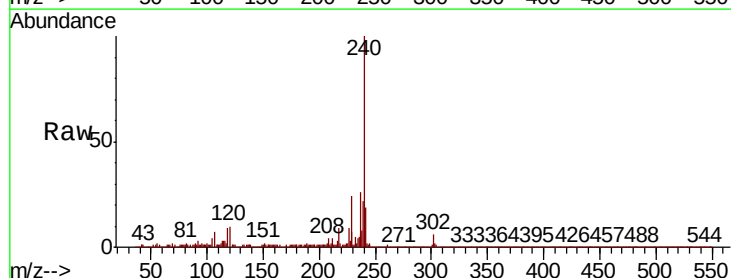
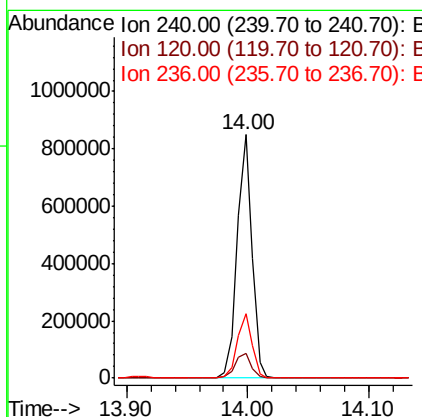
Manual Integrations
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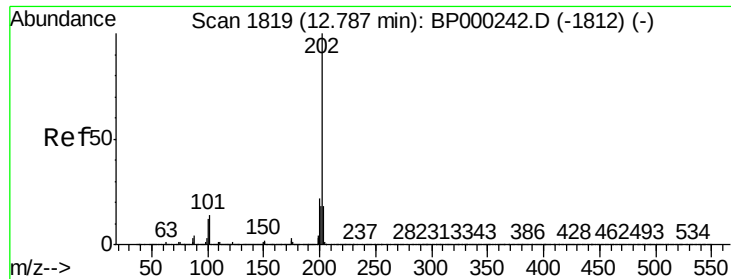
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BP000313.D
Acq: 18 Sep 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	728720		
120	10.4		10.4	15.6#
236	26.5		21.0	31.6





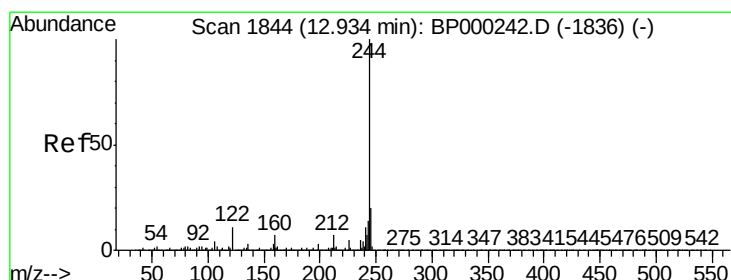
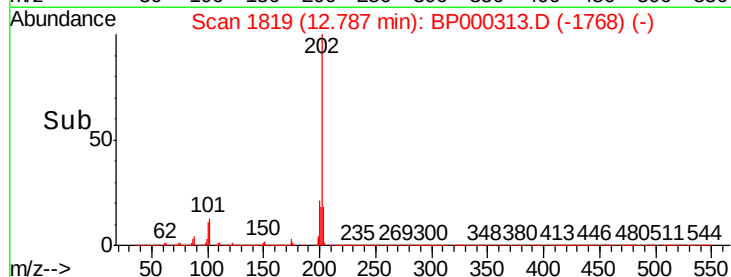
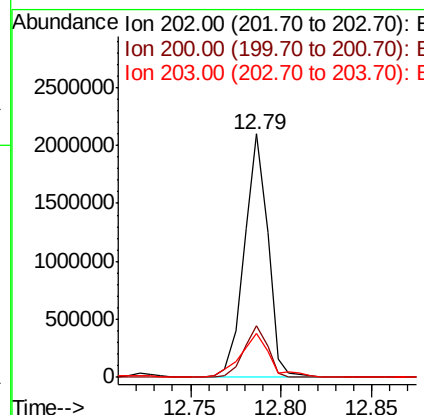
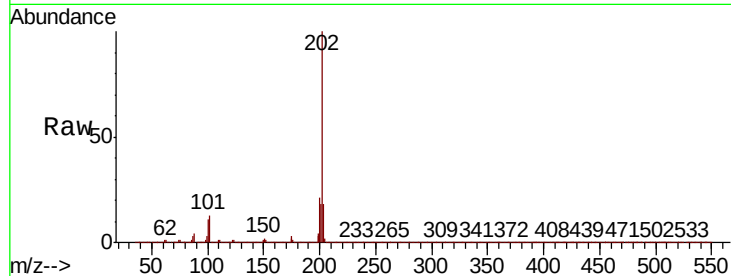
#78
Pvrene
Concen: 34.594 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BP000313.D
Acq: 18 Sep 2019 21:39

Instrument :
BNA_P
ClientSampleId :
TPA-9DL

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.5	26.3
203	18.2	14.3	21.5

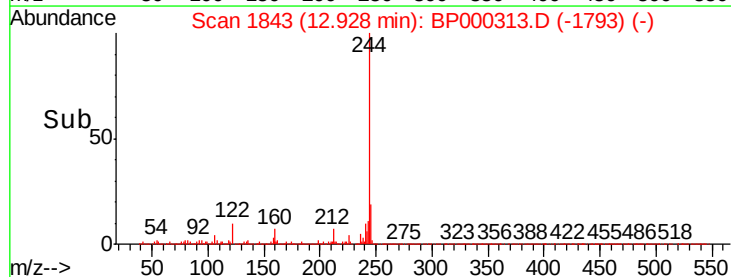
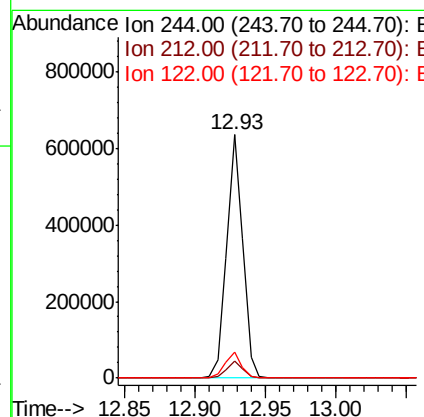
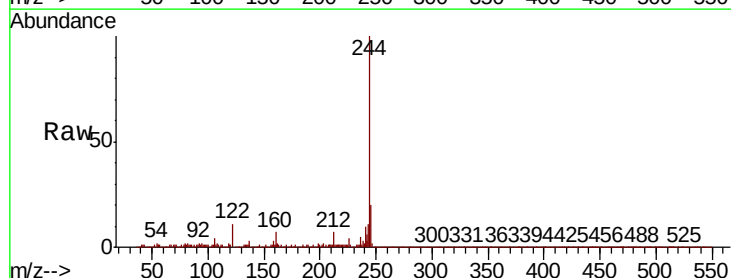
Manual Integrations
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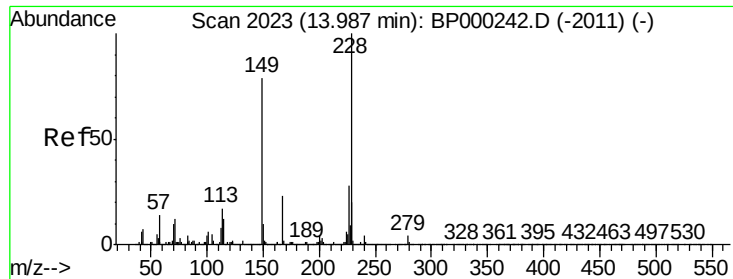
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#79
Terphenyl-d14
Concen: 14.453 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000313.D
Acq: 18 Sep 2019 21:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	10.6	9.0	13.4





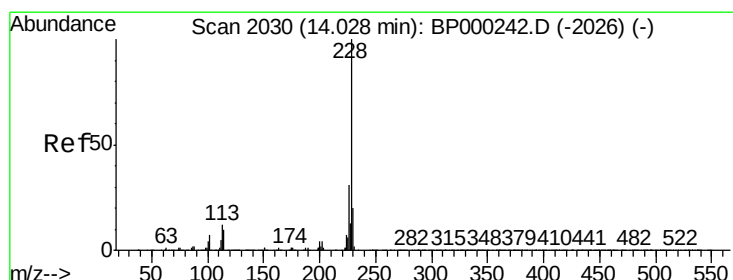
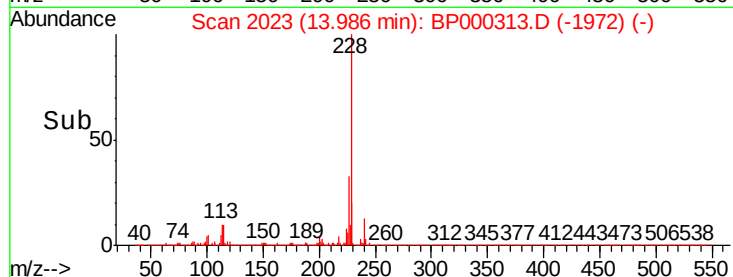
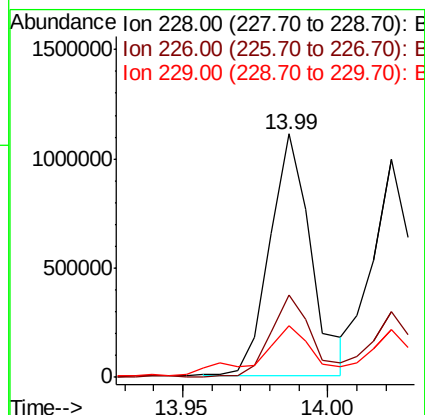
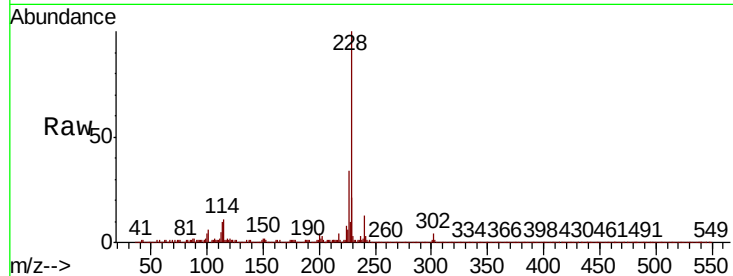
#81
Benzo(a)anthracene
Concen: 23.665 ng m
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BP000313.D
Acq: 18 Sep 2019 21:39

Instrument :
BNA_P
ClientSampled :
TPA-9DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.7	22.2	33.4#
229	21.0	16.0	24.0

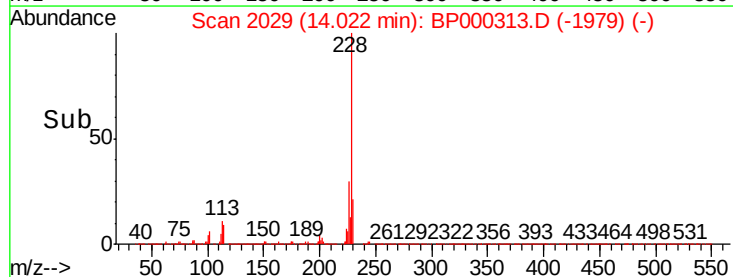
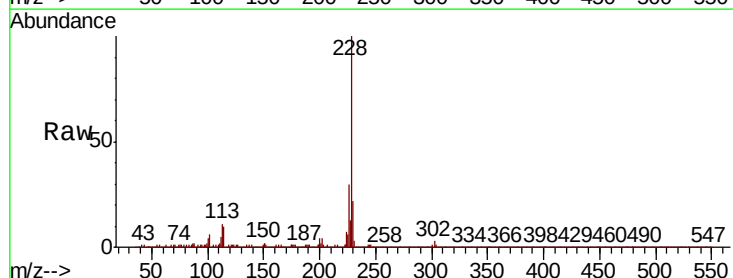
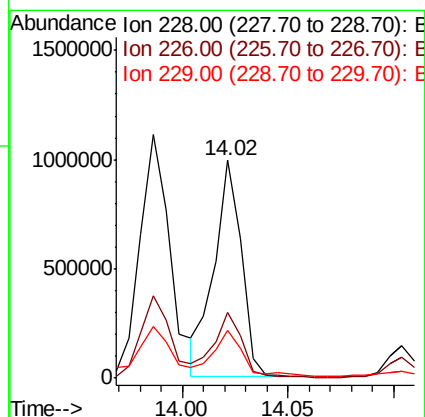
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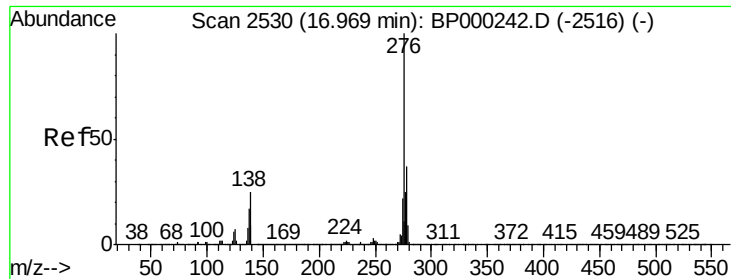
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#83
Chrysene
Concen: 19.833 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BP000313.D
Acq: 18 Sep 2019 21:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	22.0	16.2	24.2





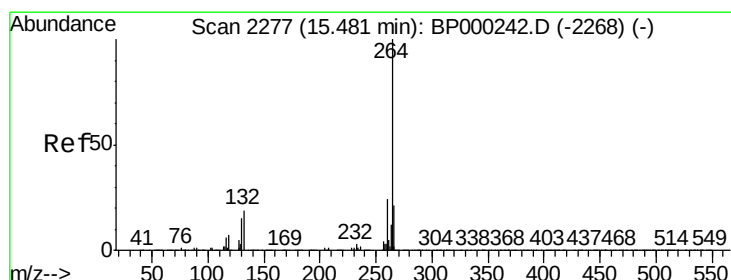
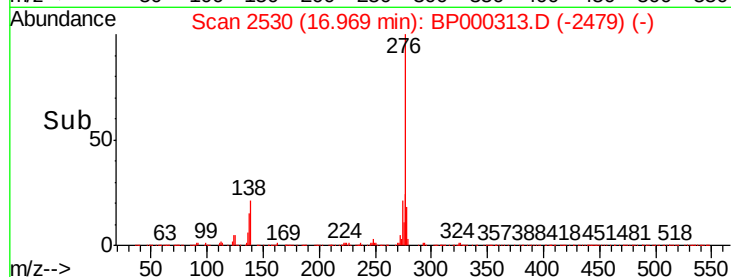
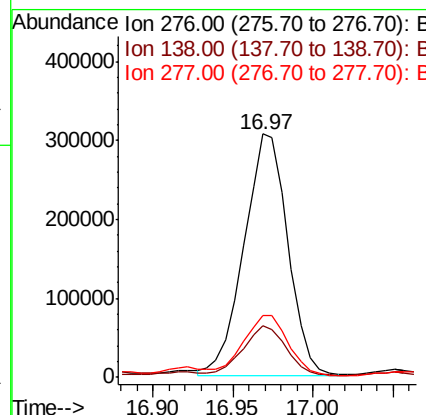
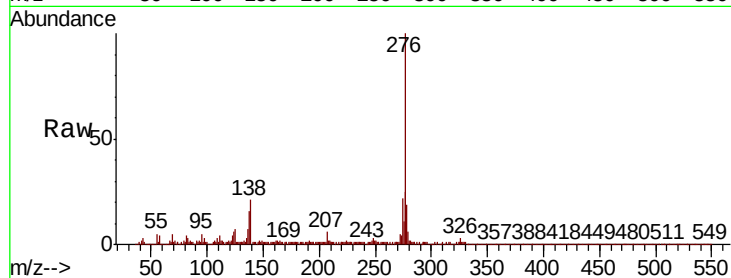
#86
Indeno(1,2,3-cd)pyrene
Concen: 10.567 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.00 min
Lab File: BP000313.D
Acq: 18 Sep 2019 21:39

Instrument :
BNA_P
ClientSampleId :
TPA-9DL

Tot Ion	Ratio	Resp	Lower	Upper
276	100	582150		
138	0.9	22.6	33.8#	
277	1.0	20.4	30.6#	

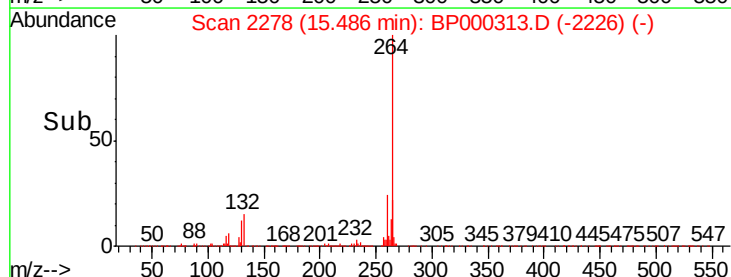
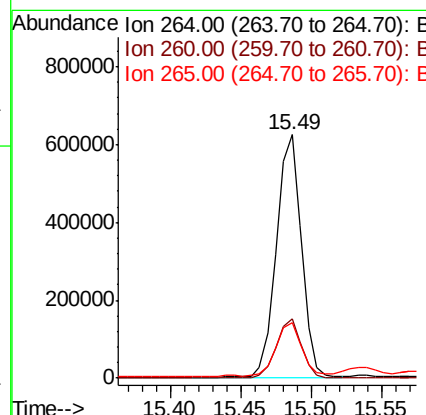
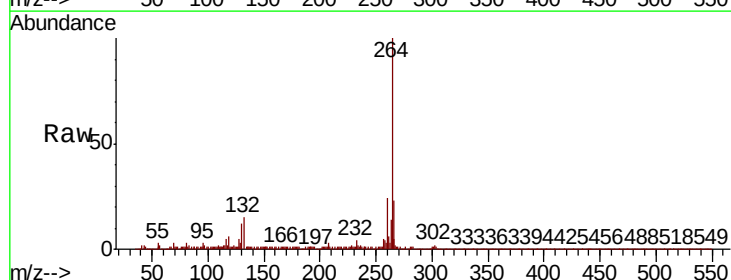
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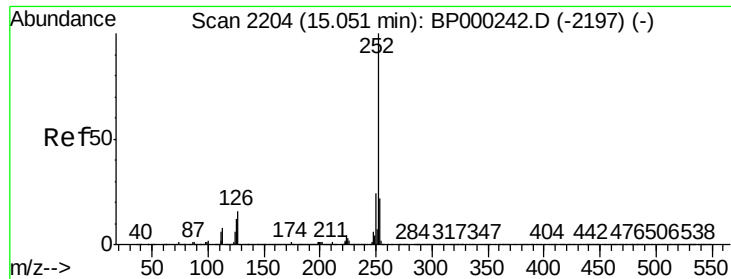
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BP000313.D
Acq: 18 Sep 2019 21:39

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	777795		
260	24.2	18.9	28.3	
265	22.8	17.2	25.8	





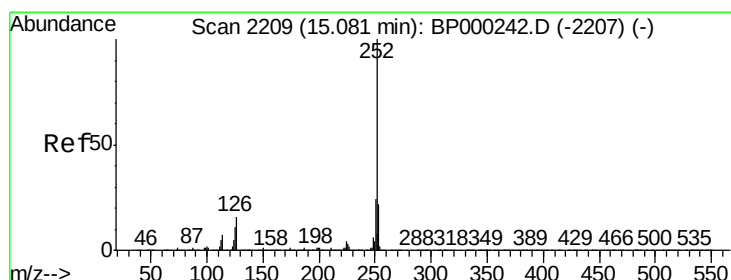
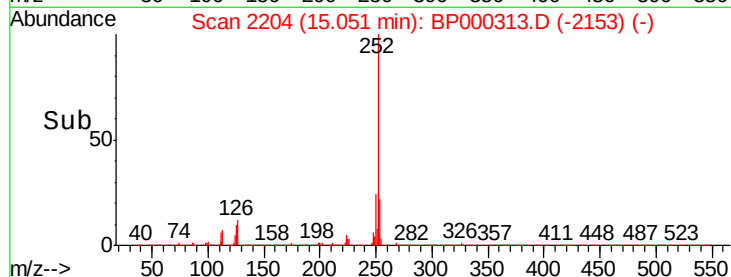
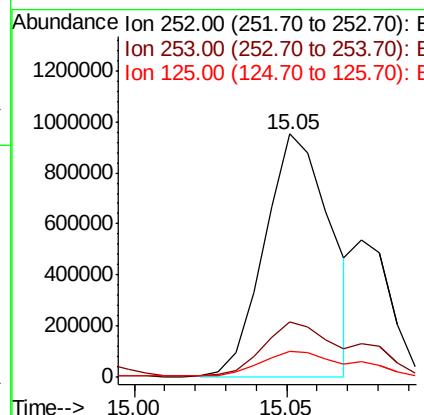
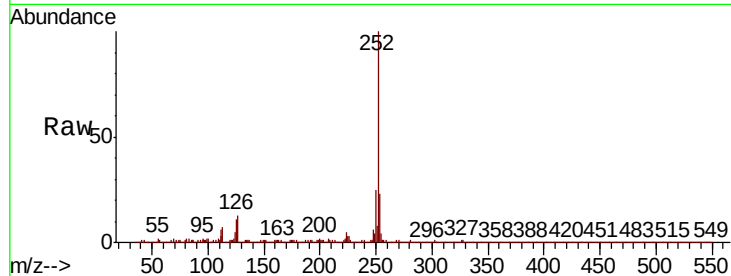
#88
Benzo(b)fluoranthene
Concen: 30.872 ng m
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BP000313.D
Acq: 18 Sep 2019 21:39

Instrument :
BNA_P
ClientSampled :
TPA-9DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	10.9	9.5	14.3

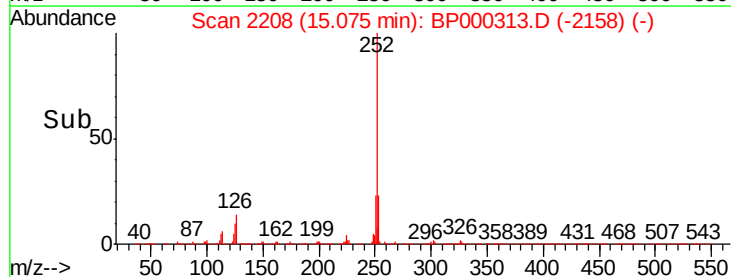
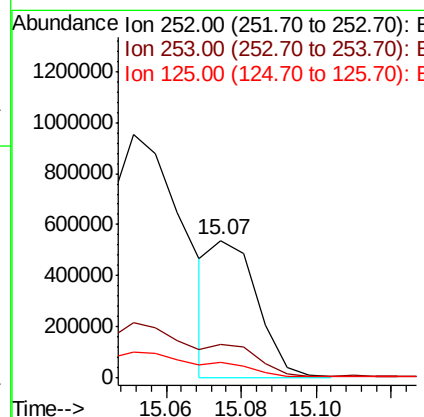
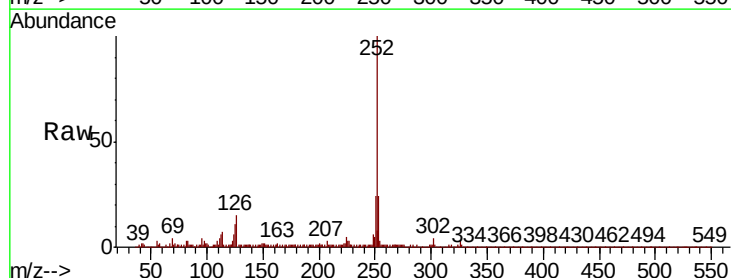
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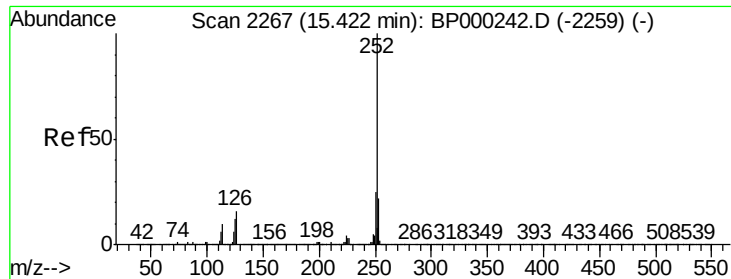
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#89
Benzo(k)fluoranthene
Concen: 11.282 ng m
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BP000313.D
Acq: 18 Sep 2019 21:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.8
125	11.1	9.6	14.4





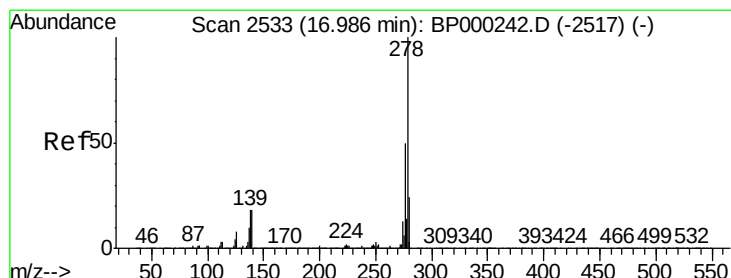
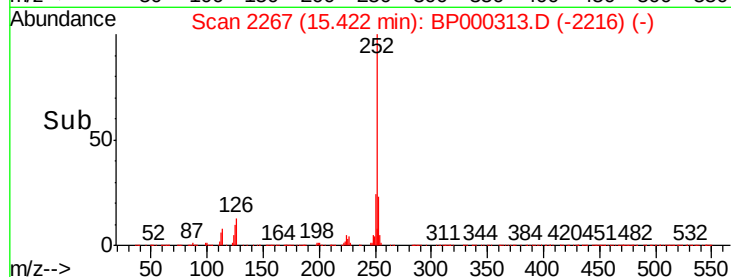
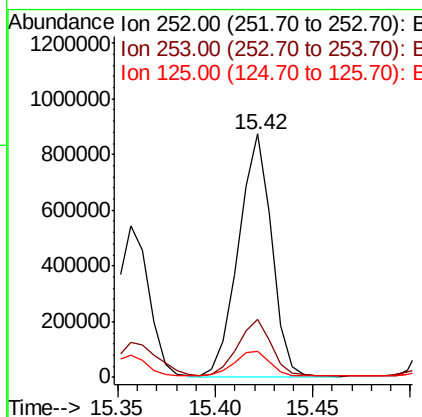
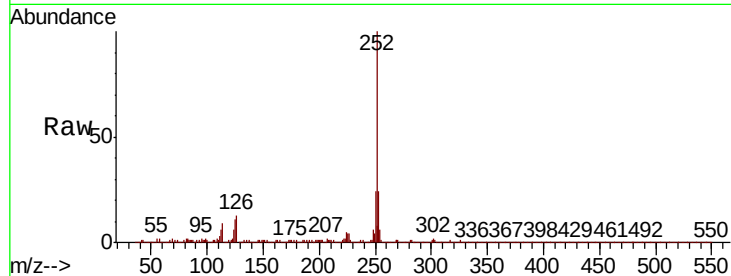
#90
Benzo(a)pyrene
Concen: 24.201 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BP000313.D
Acq: 18 Sep 2019 21:39

Instrument :
BNA_P
ClientSampled :
TPA-9DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.7	26.5
125	10.6	10.0	15.0

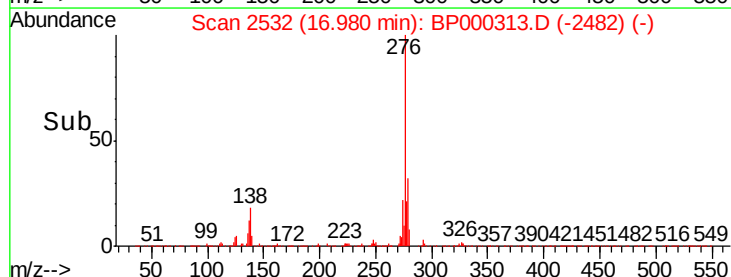
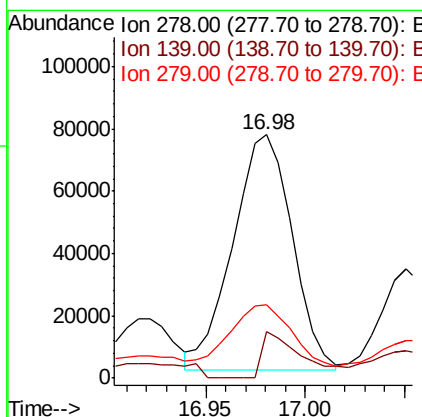
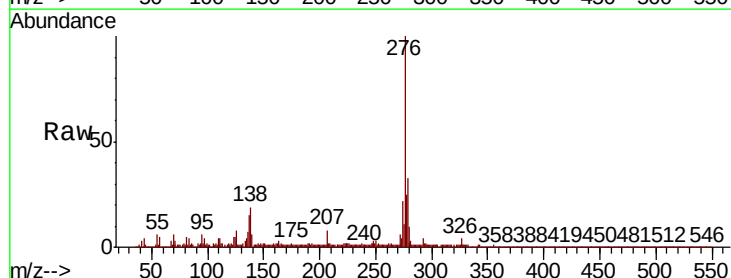
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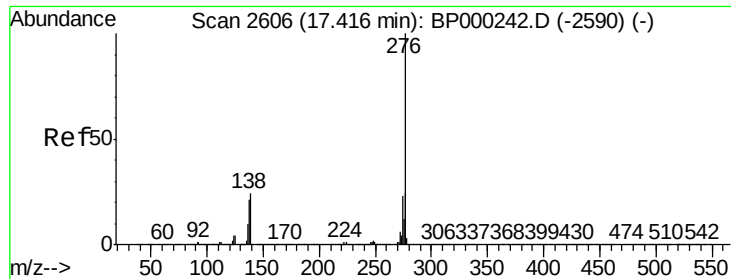
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#91
Dibenzo(a,h)anthracene
Concen: 4.010 ng m
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BP000313.D
Acq: 18 Sep 2019 21:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.2	14.5	21.7
279	30.1	19.0	28.6#





#92
 Benzo(a,h,i)perylene
 Concen: 12.918 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. 0.01 min
 Lab File: BP000313.D
 Acq: 18 Sep 2019 21:39

Instrument :
 BNA_P
 ClientSampleId :
 TPA-9DL

Tot Ion:	276	Resp:	522696
Ion Ratio		Lower	Upper
276	100		
277	24.6	19.1	28.7
138	21.0	19.5	29.3

Manual Integrations
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