

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
 Data File : BP001584.D
 Acq On : 09 Jan 2020 17:58
 Operator : JU
 Sample : L1060-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Manual Integrations
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Quant Time: Jan 10 06:18:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 15:02:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	40748	20.00	ng	-0.01
21) Naphthalene-d8	10.43	136	155484	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	108422	20.00	ng	-0.01
64) Phenanthrene-d10	17.06	188	251939	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	179942	20.00	ng	-0.01
87) Perylene-d12	23.43	264	172818	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	297131	142.84	ng	0.00
7) Phenol-d6	6.86	99	448321	134.85	ng	0.00
23) Nitrobenzene-d5	8.80	82	321638	90.39	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	207553	125.76	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	645379	87.52	ng	-0.01
79) Terphenyl-d14	19.65	244	928513	94.38	ng	0.00
Target Compounds						
10) Phenol	6.88	94	11356	3.302	ng	98
50) Dimethylphthalate	13.76	163	51073	5.719	ng	96
71) Phenanthrene	17.10	178	124948	9.120	ng	99
72) Anthracene	17.19	178	32952	2.471	ng	99
75) Fluoranthene	19.08	202	210743	11.689	ng	99
78) Pyrene	19.43	202	171497	12.974	ng	98
81) Benzo(a)anthracene	21.15	228	87161	6.955	ng	99
83) Chrysene	21.20	228	78194	6.403	ng	97
86) Indeno(1,2,3-cd)pyrene	25.74	276	35178	2.461	ng	# 57
88) Benzo(b)fluoranthene	22.76	252	87575m	8.042	ng	
89) Benzo(k)fluoranthene	22.78	252	26396m	2.486	ng	
90) Benzo(a)pyrene	23.33	252	57402	5.552	ng	# 98
92) Benzo(a,h,i)perylene	26.48	276	35326	3.331	ng	# 95

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

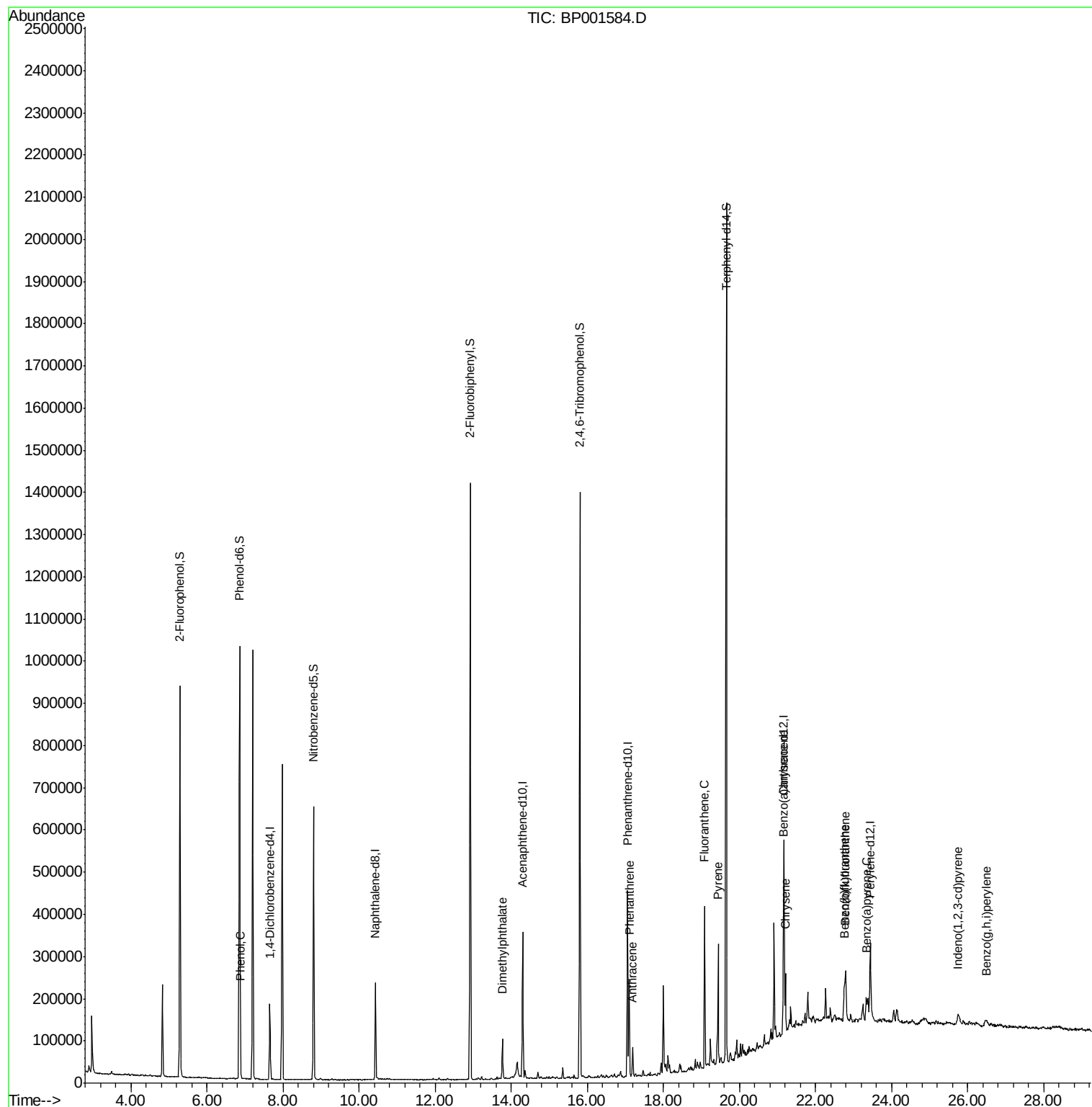
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
Data File : BP001584.D
Acq On : 09 Jan 2020 17:58
Operator : JU
Sample : L1060-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

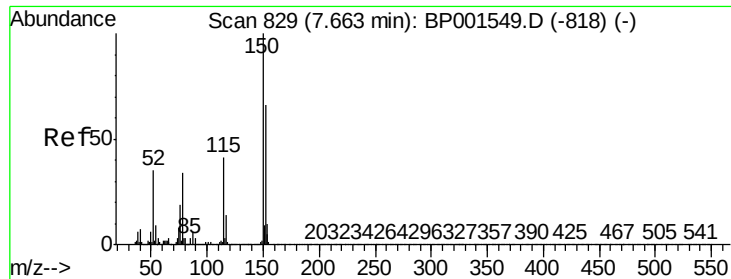
Instrument :
BNA_P
ClientSampleId :
TP-1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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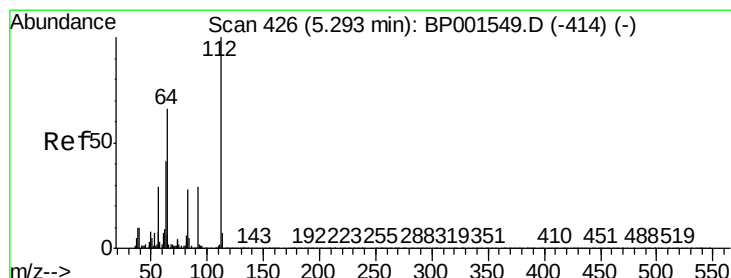
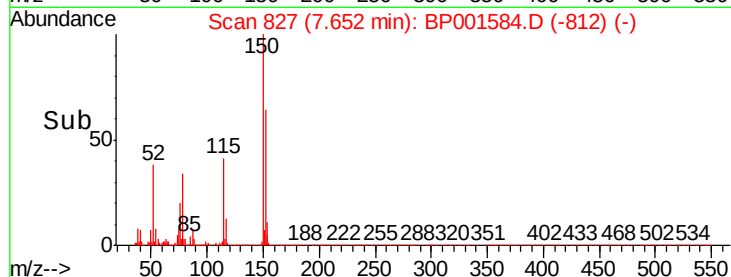
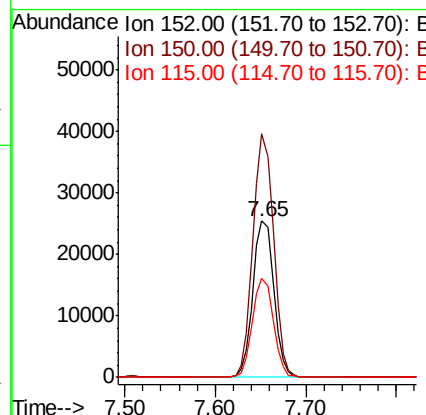
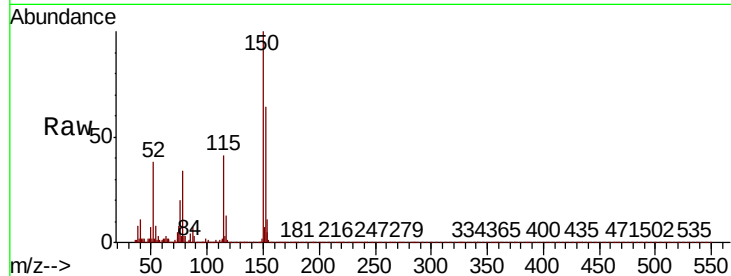
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 827
Delta R.T. -0.01 min
Lab File: BP001584.D
Acq: 09 Jan 2020 17:58

Instrument :
BNA_P
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	122.0	183.0
115	63.7	50.7	76.1

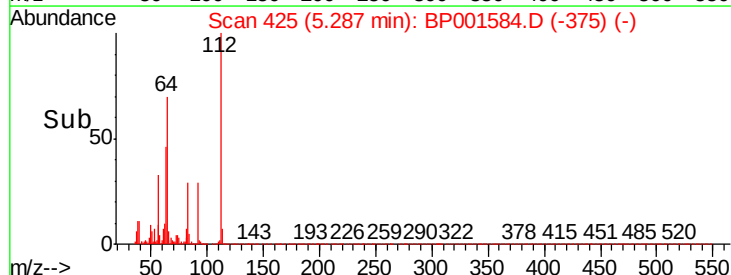
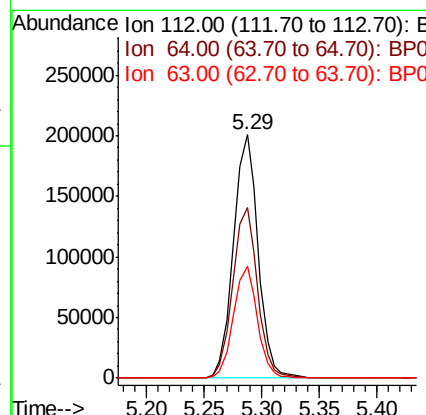
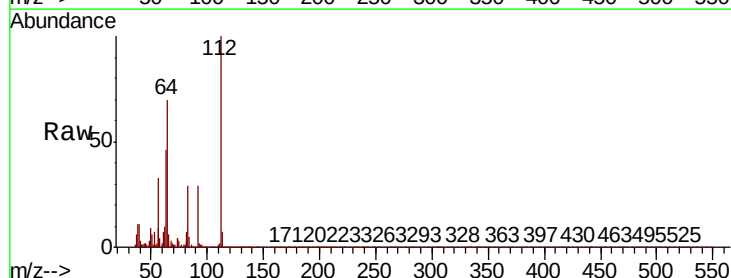
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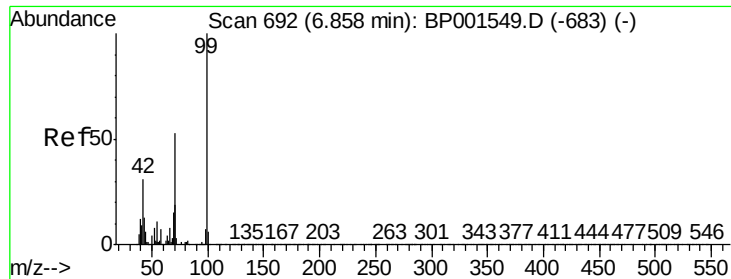
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#5
2-Fluorophenol
Concen: 142.841 ng
RT: 5.29 min Scan# 425
Delta R.T. -0.01 min
Lab File: BP001584.D
Acq: 09 Jan 2020 17:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.0	52.8	79.2
63	45.8	33.1	49.7





#7

Phenol-d6

Concen: 134.855 ng

RT: 6.86 min Scan# 692

Delta R.T. 0.00 min

Lab File: BP001584.D

Acq: 09 Jan 2020 17:58

Instrument :

BNA_P

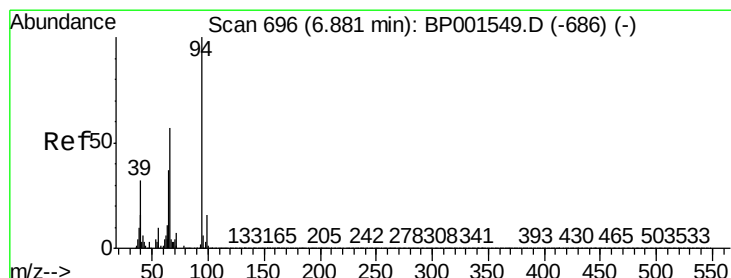
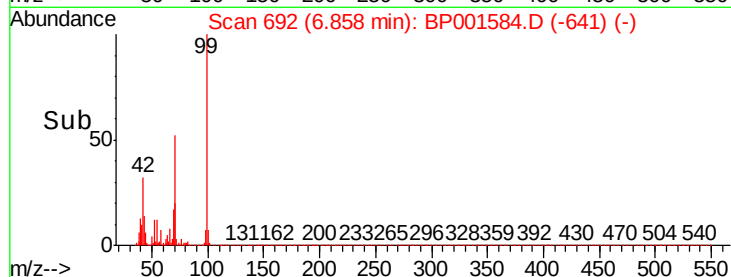
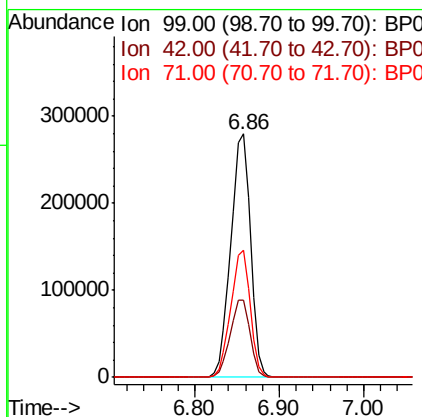
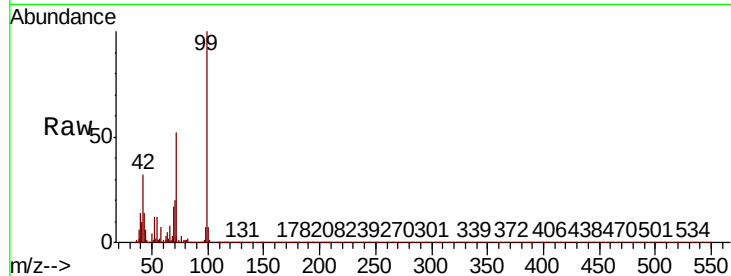
ClientSampled :

TP-1

Tot Ion:	99	Resp:	448321
Ion Ratio	Lower	Upper	
99	100		
42	31.8	24.5	36.7
71	52.1	42.4	63.6

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#10

Phenol

Concen: 3.302 ng

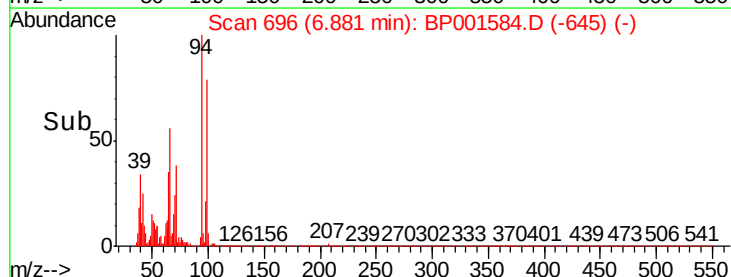
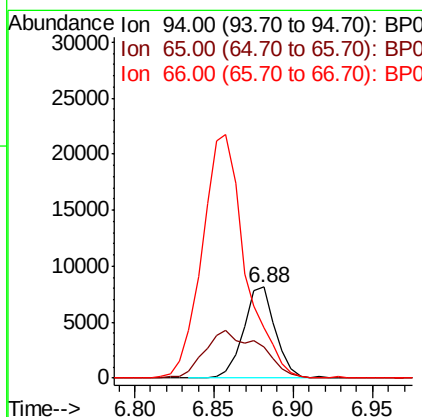
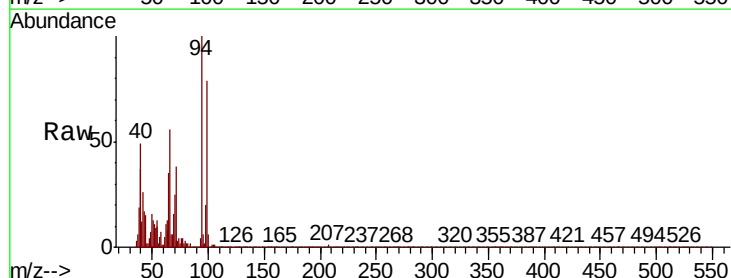
RT: 6.88 min Scan# 696

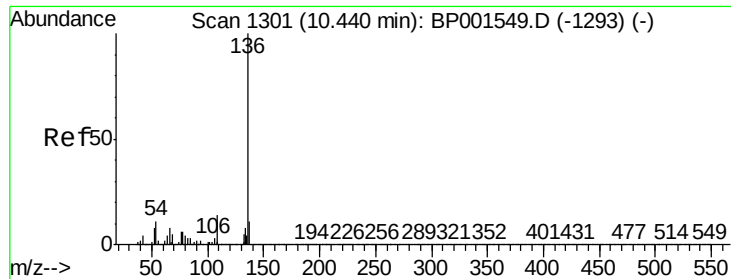
Delta R.T. 0.00 min

Lab File: BP001584.D

Acq: 09 Jan 2020 17:58

Tgt Ion:	94	Resp:	11356
Ion Ratio	Lower	Upper	
94	100		
65	34.8	17.5	57.5
66	56.0	36.7	76.7





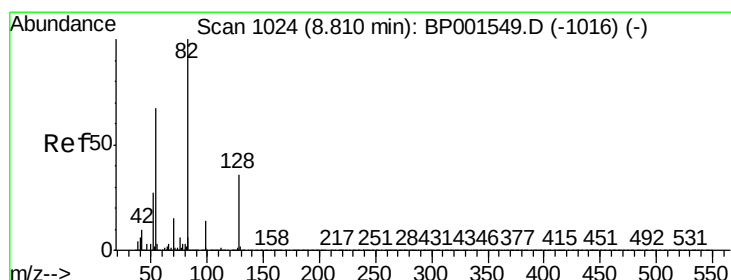
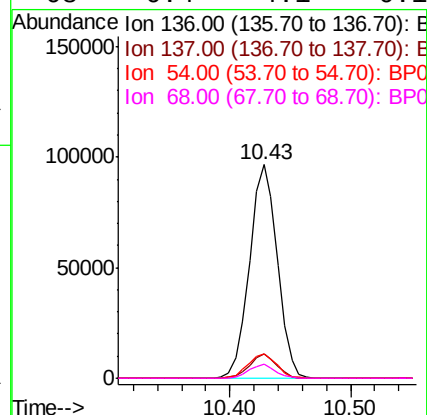
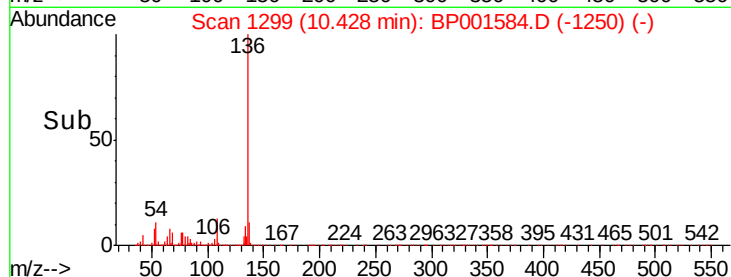
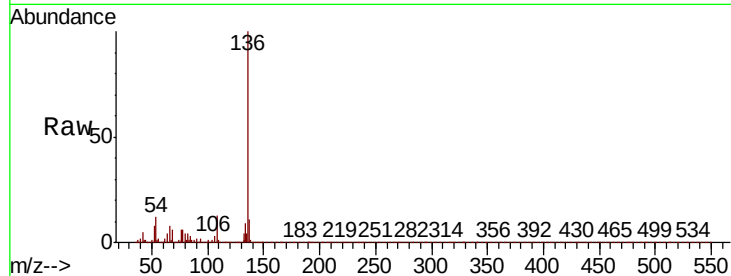
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BP001584.D
Acq: 09 Jan 2020 17:58

Instrument :
BNA_P
ClientSampled :
TP-1

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.3		8.6	12.8	
54	11.5		9.2	13.8	
68	6.4		4.1	6.1#	

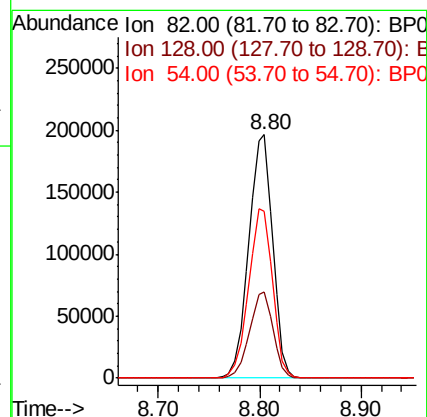
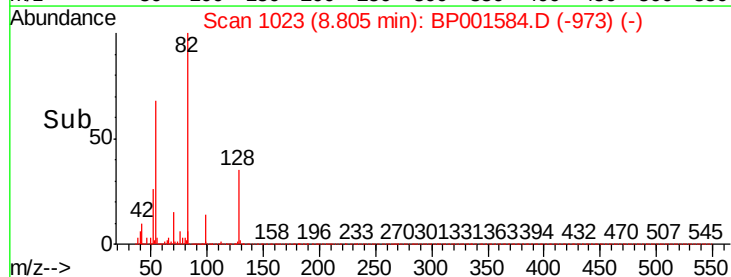
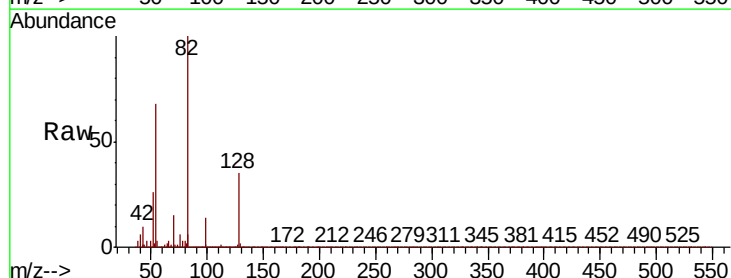
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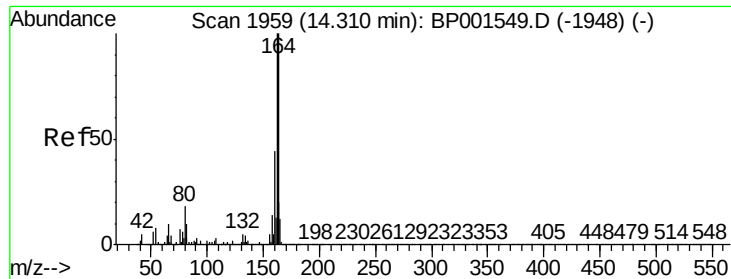
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#23
Nitrobenzene-d5
Concen: 90.394 ng
RT: 8.80 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BP001584.D
Acq: 09 Jan 2020 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	35.3		28.4	42.6	
54	68.5		53.4	80.2	





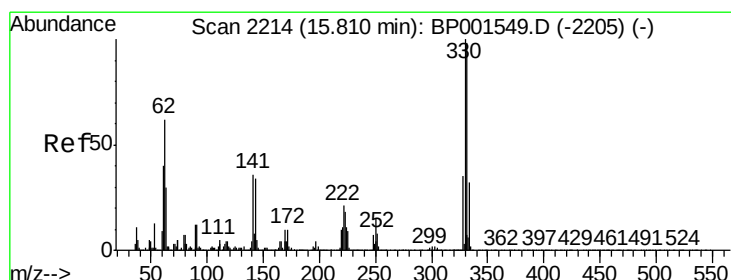
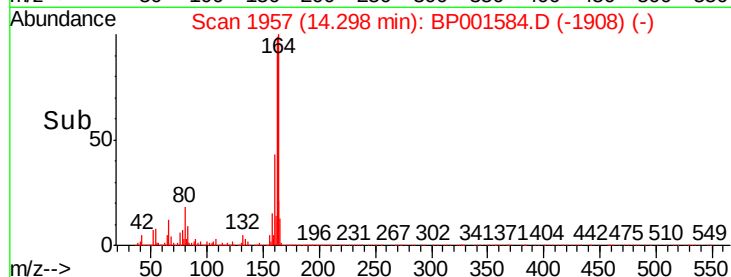
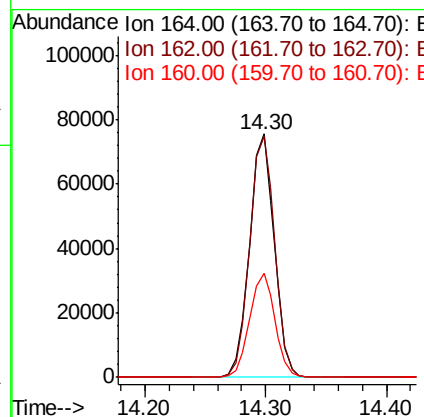
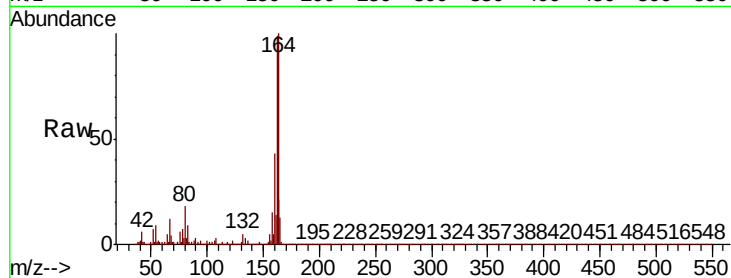
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BP001584.D
Acq: 09 Jan 2020 17:58

Instrument :
BNA_P
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.8	119.6
160	42.9	35.0	52.6

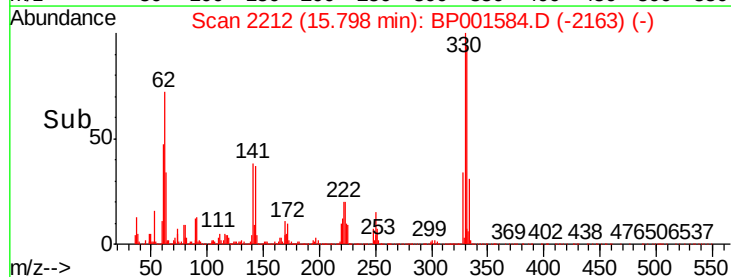
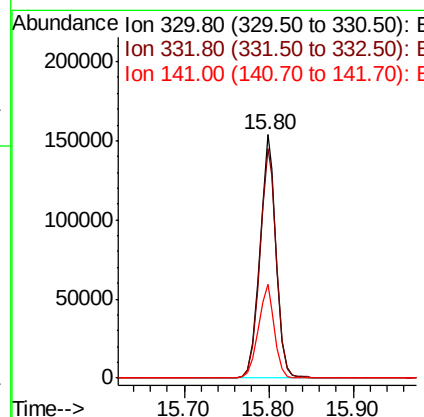
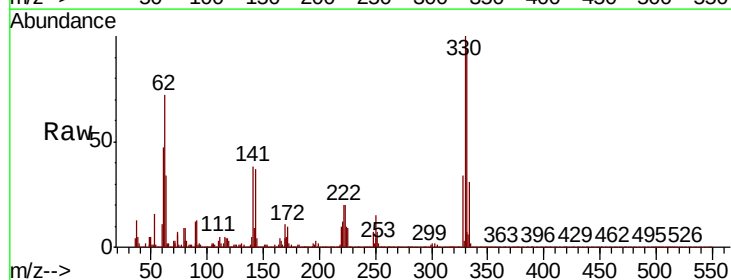
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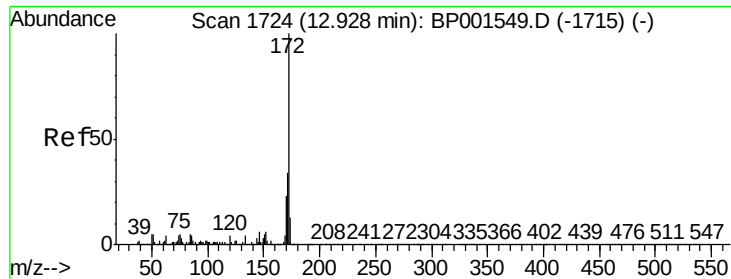
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#42
2,4,6-Tribromophenol
Concen: 125.759 ng
RT: 15.80 min Scan# 2212
Delta R.T. -0.01 min
Lab File: BP001584.D
Acq: 09 Jan 2020 17:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.8	116.6
141	37.9	28.7	43.1





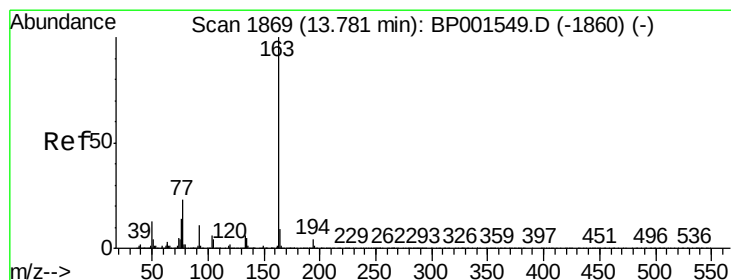
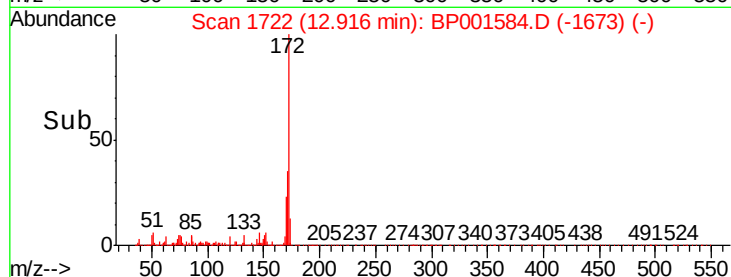
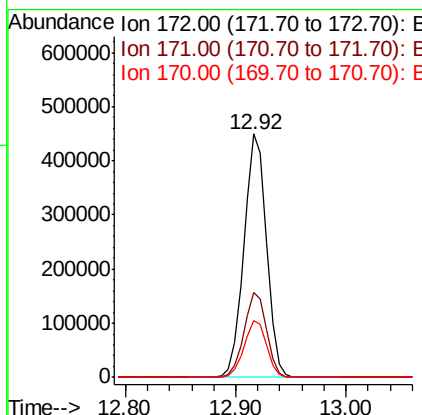
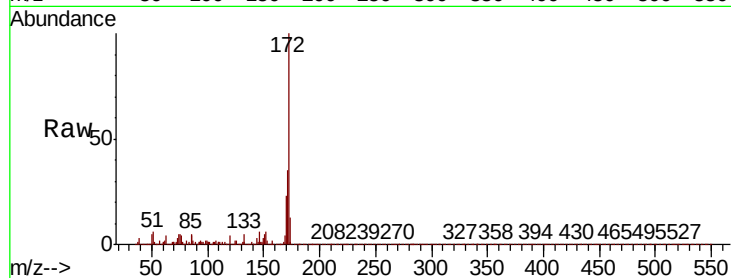
#45
2-Fluorobiphenyl
Concen: 87.518 ng
RT: 12.92 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BP001584.D
Acq: 09 Jan 2020 17:58

Instrument :
BNA_P
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.6	41.4
170	23.2	18.3	27.5

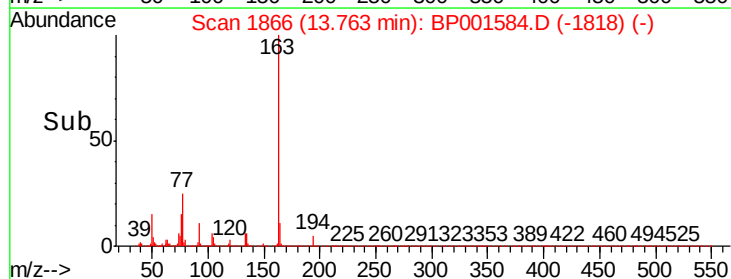
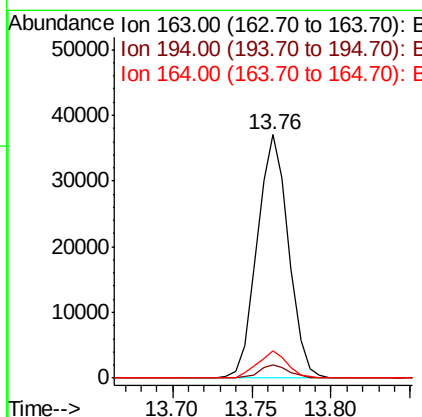
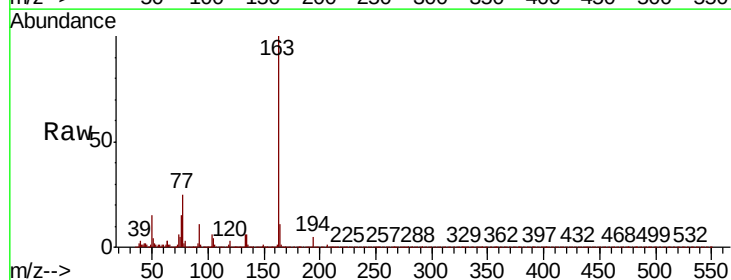
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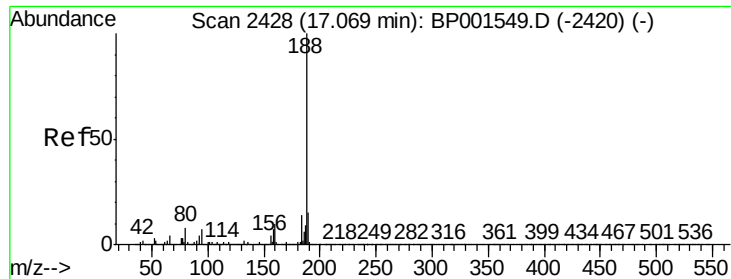
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#50
Dimethylphthalate
Concen: 5.719 ng
RT: 13.76 min Scan# 1866
Delta R.T. -0.02 min
Lab File: BP001584.D
Acq: 09 Jan 2020 17:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.6	5.4
164	11.0	7.5	11.3





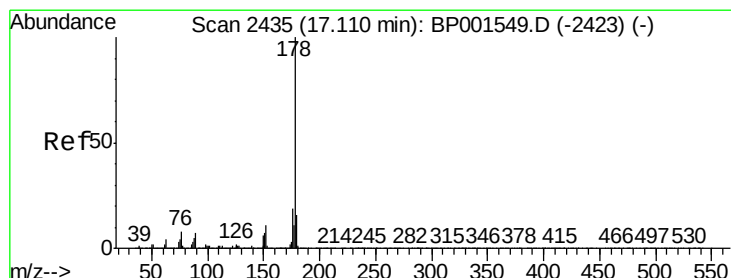
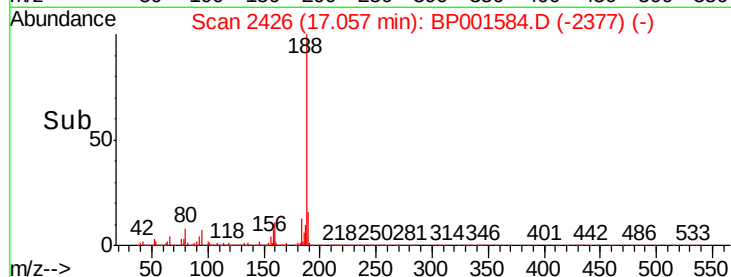
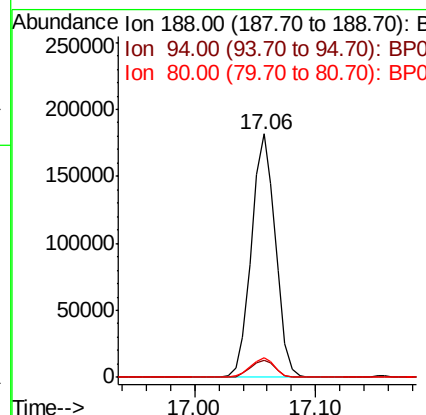
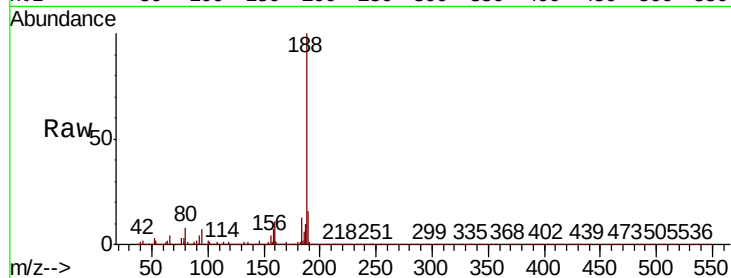
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2426
Delta R.T. -0.01 min
Lab File: BP001584.D
Acq: 09 Jan 2020 17:58

Instrument :
BNA_P
ClientSampled :
TP-1

Tot Ion	Ratio	Resp	Lower	Upper
188	100	251939		
94	6.7		5.9	8.9
80	8.2		6.8	10.2

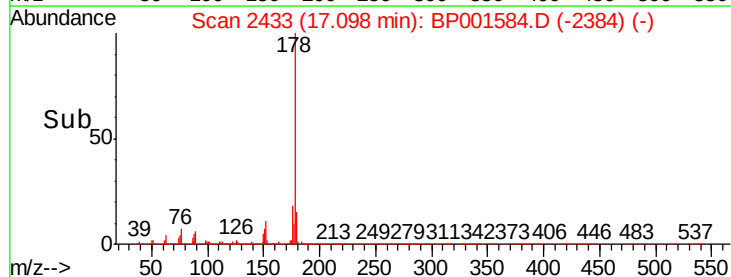
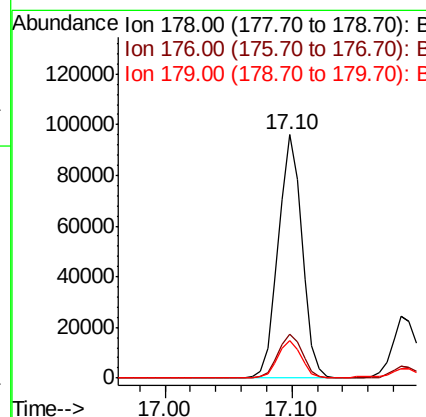
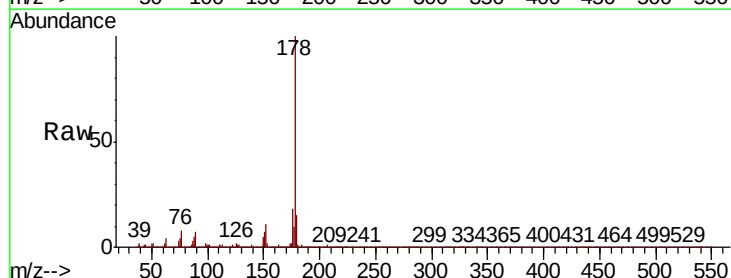
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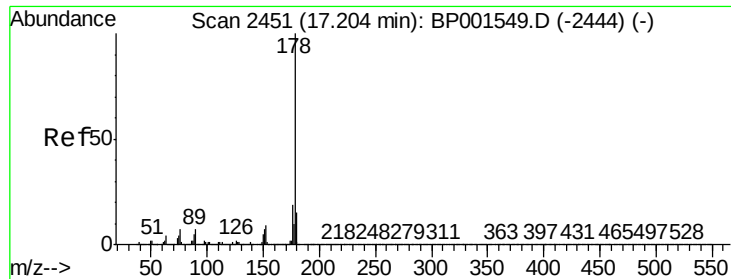
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#71
Phenanthrene
Concen: 9.120 ng
RT: 17.10 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BP001584.D
Acq: 09 Jan 2020 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	124948		
176	17.9		14.9	22.3
179	15.4		12.5	18.7





#72

Anthracene

Concen: 2.471 ng

RT: 17.19 min Scan# 2448

Delta R.T. -0.02 min

Lab File: BP001584.D

Acq: 09 Jan 2020 17:58

Instrument :

BNA_P

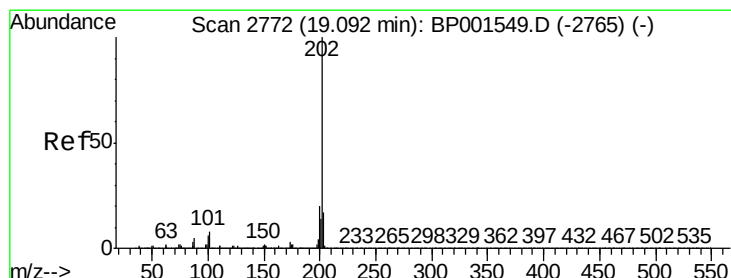
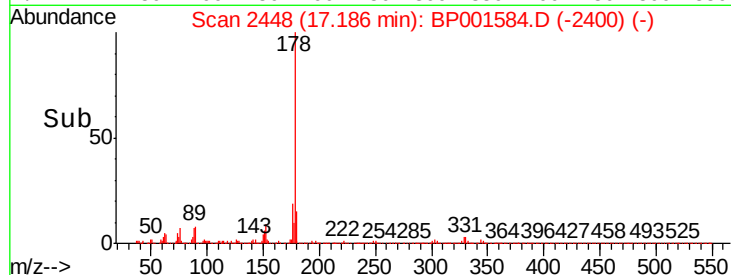
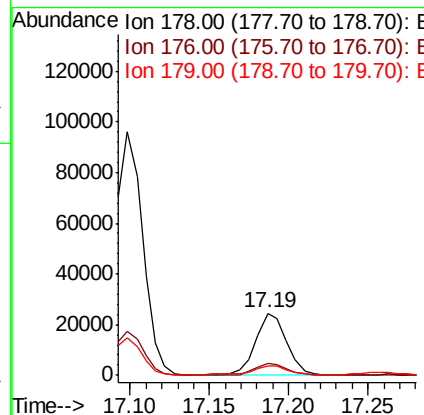
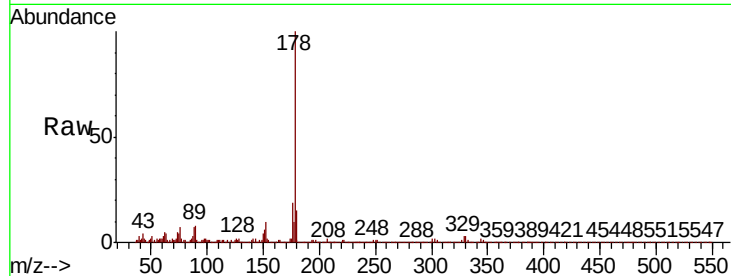
ClientSampled :

TP-1

Tot Ion:	178	Resp:	32952
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.0	22.6
179	15.4	11.8	17.8

Manual Integrations
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#75

Fluoranthene

Concen: 11.689 ng

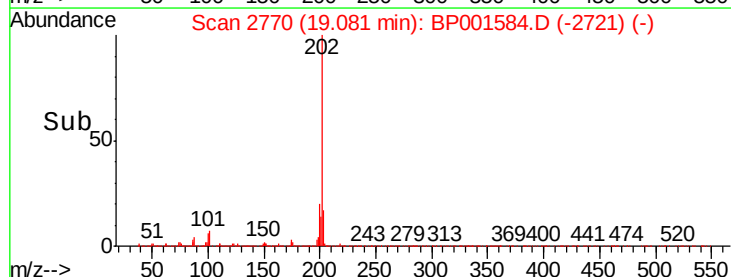
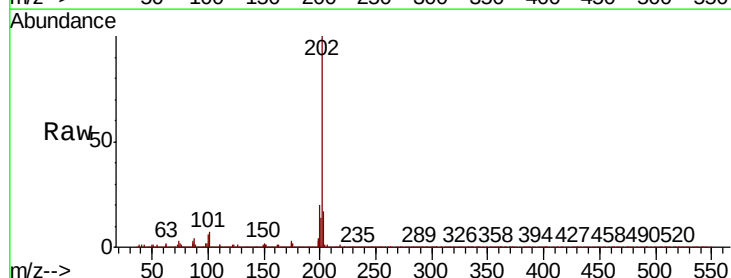
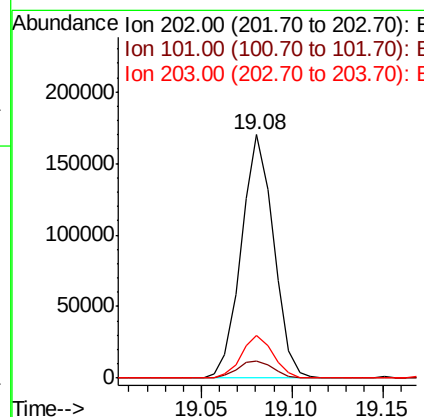
RT: 19.08 min Scan# 2770

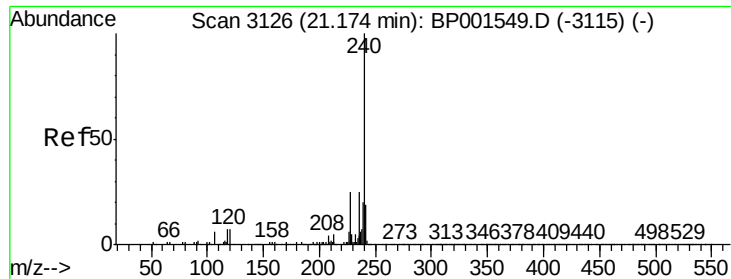
Delta R.T. -0.01 min

Lab File: BP001584.D

Acq: 09 Jan 2020 17:58

Tgt Ion:	202	Resp:	210743
Ion Ratio	Lower	Upper	
202	100		
101	7.2	0.0	28.4
203	17.3	0.0	37.4





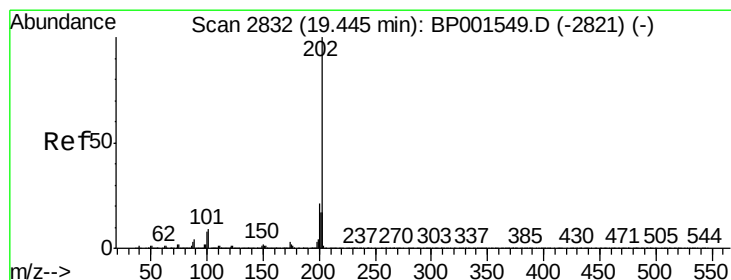
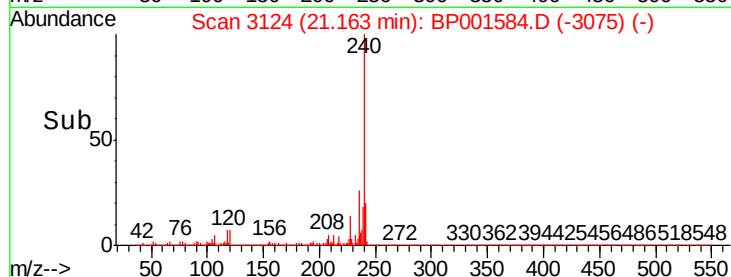
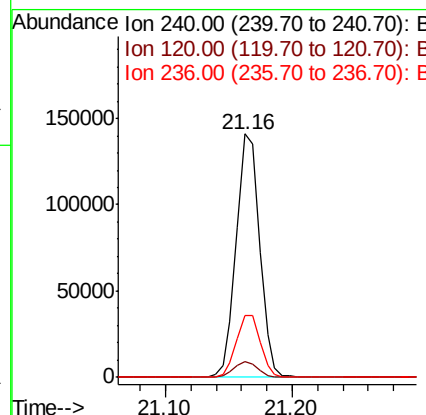
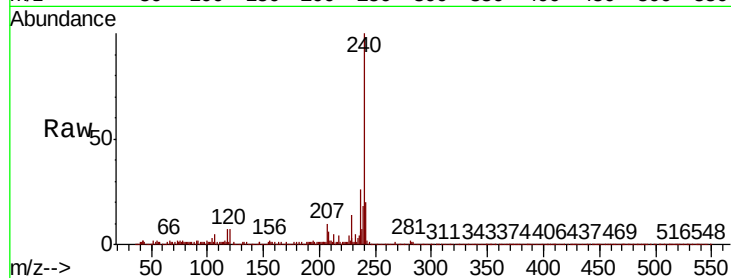
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BP001584.D
Acq: 09 Jan 2020 17:58

Instrument :
BNA_P
ClientSampleId :
TP-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.6	5.7	8.5
236	25.6	20.4	30.6

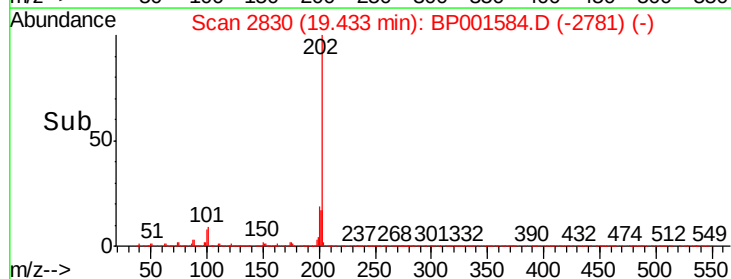
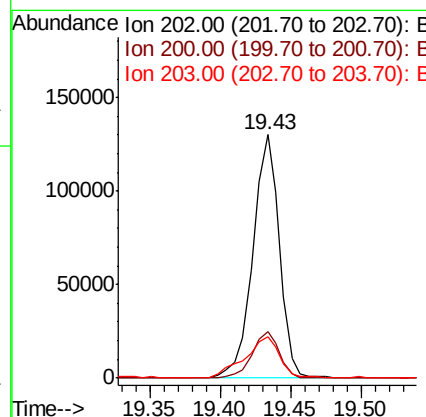
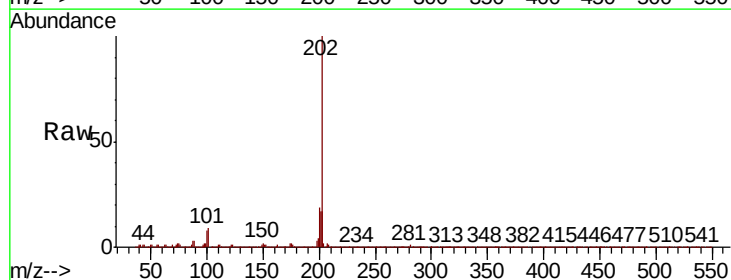
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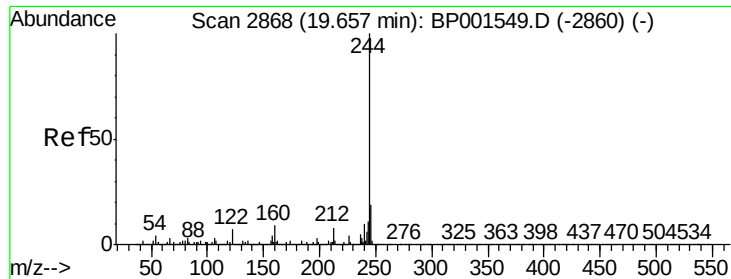
mohammad
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#78
Pyrene
Concen: 12.974 ng
RT: 19.43 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BP001584.D
Acq: 09 Jan 2020 17:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.3	17.0	25.6
203	17.1	13.7	20.5





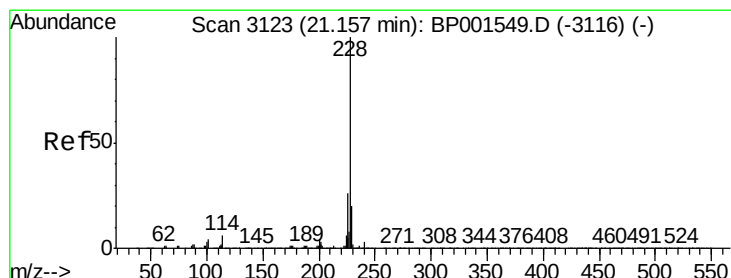
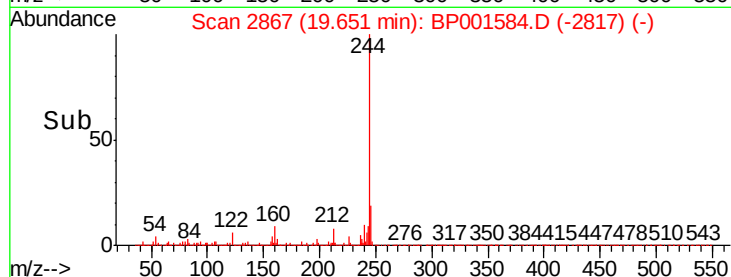
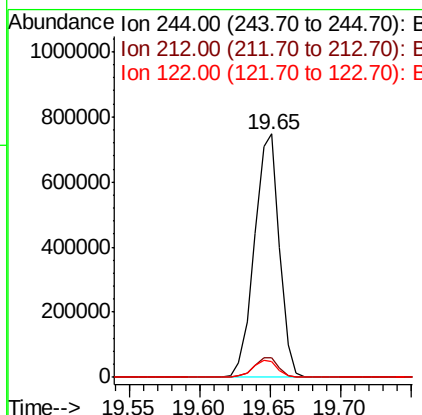
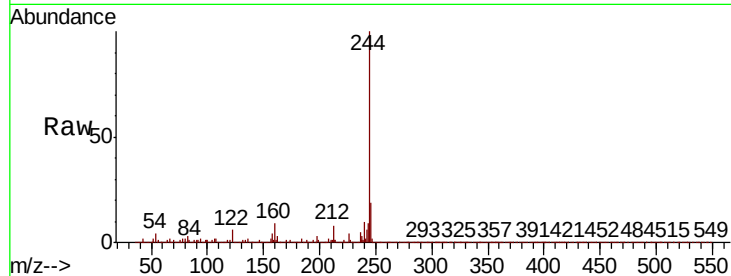
#79
 Terphenyl-d14
 Concen: 94.379 ng
 RT: 19.65 min Scan# 2867
 Delta R.T. -0.01 min
 Lab File: BP001584.D
 Acq: 09 Jan 2020 17:58

Instrument :
 BNA_P
 ClientSampled :
 TP-1

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.3	9.5
122	6.3	5.8	8.6

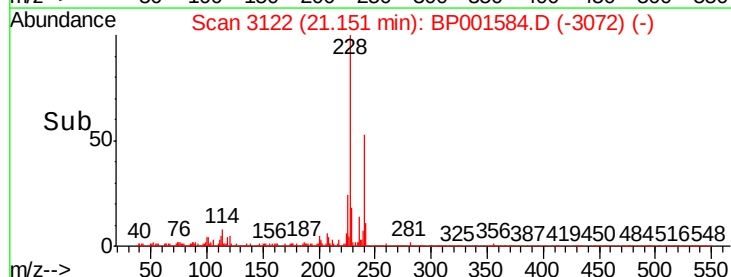
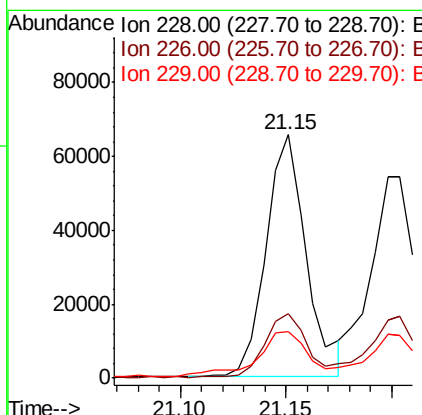
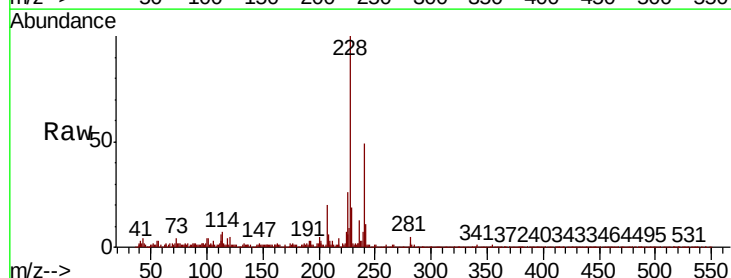
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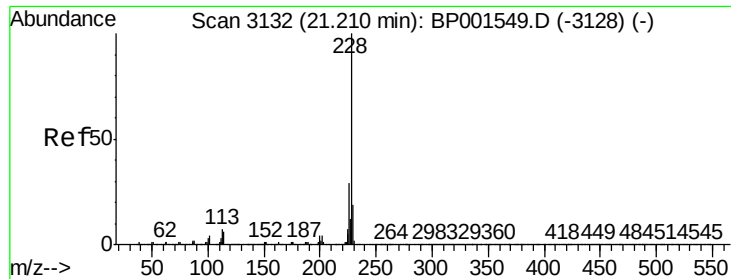
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#81
 Benzo(a)anthracene
 Concen: 6.955 ng
 RT: 21.15 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BP001584.D
 Acq: 09 Jan 2020 17:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.2	31.8
229	18.9	16.1	24.1





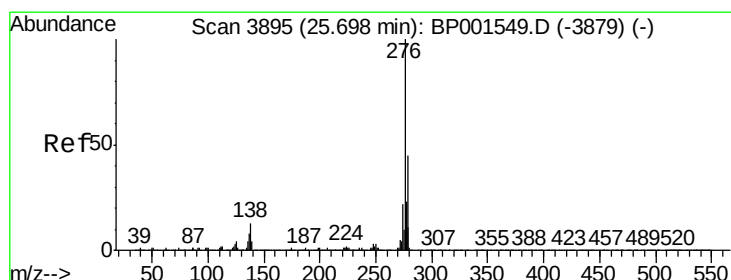
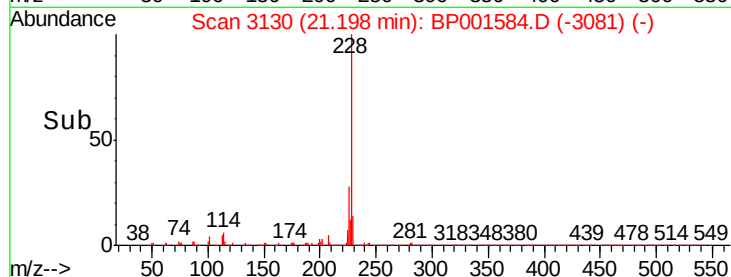
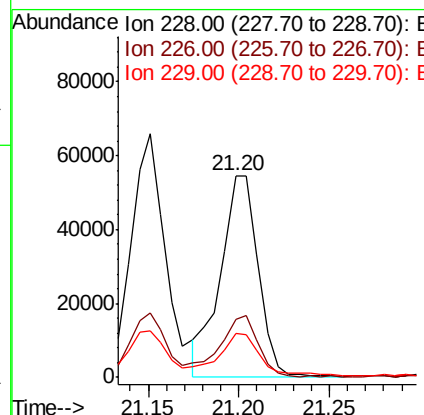
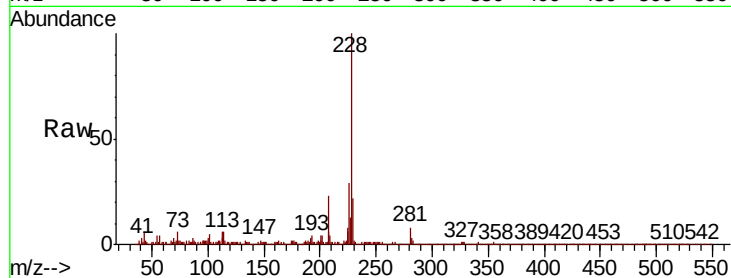
#83
Chrysene
Concen: 6.403 ng
RT: 21.20 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BP001584.D
Acq: 09 Jan 2020 17:58

Instrument :
BNA_P
ClientSampled :
TP-1

Tot Ion:	228	Resp:	78194
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.2	34.8
229	21.8	15.2	22.8

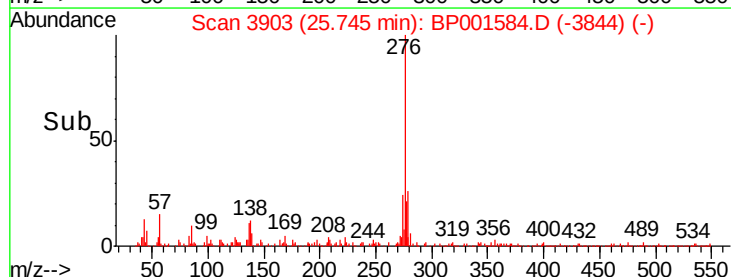
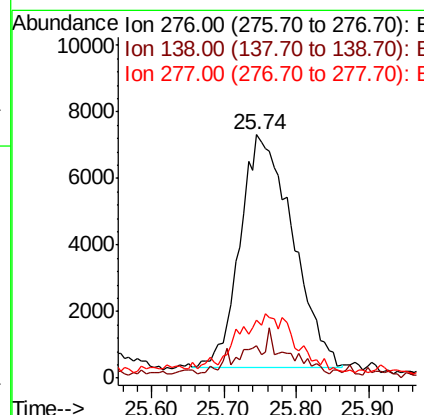
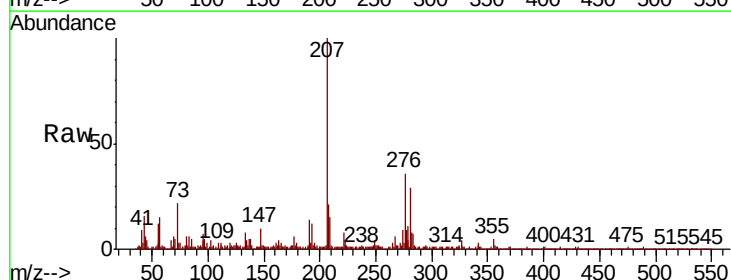
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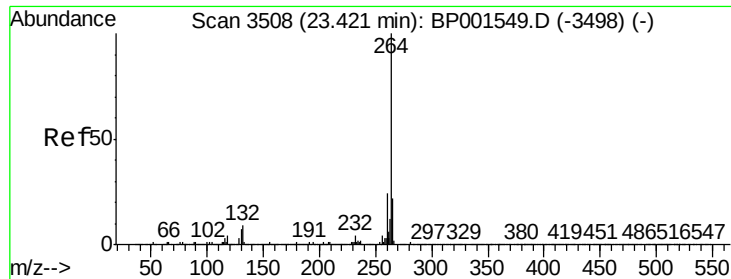
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.461 ng
RT: 25.74 min Scan# 3903
Delta R.T. 0.05 min
Lab File: BP001584.D
Acq: 09 Jan 2020 17:58

Tgt Ion:	276	Resp:	35178
Ion Ratio	Lower	Upper	
276	100		
138	1.7	11.1	16.7#
277	0.0	20.4	30.6#





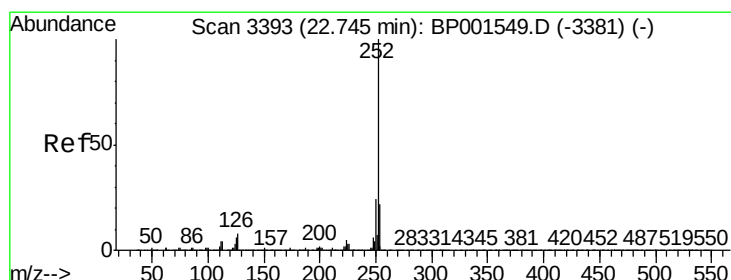
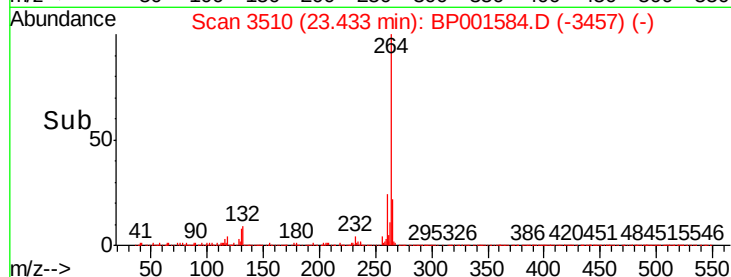
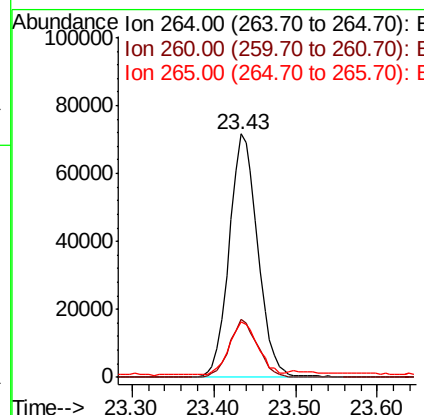
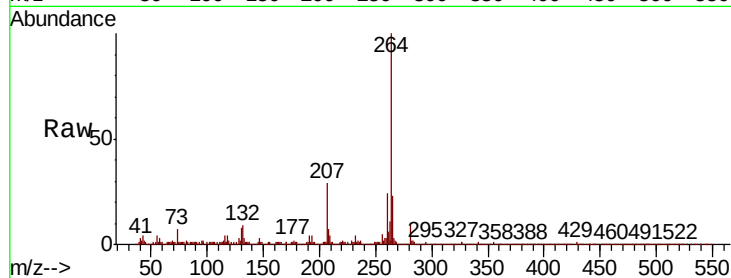
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.43 min Scan# 3510
Delta R.T. 0.01 min
Lab File: BP001584.D
Acq: 09 Jan 2020 17:58

Instrument :
BNA_P
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.6
265	22.6	18.2	27.4

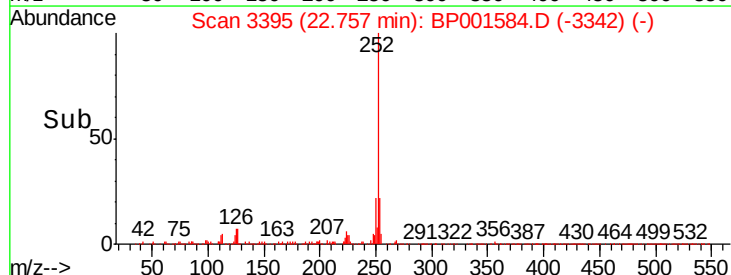
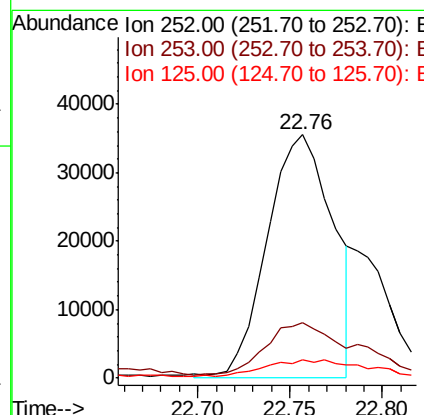
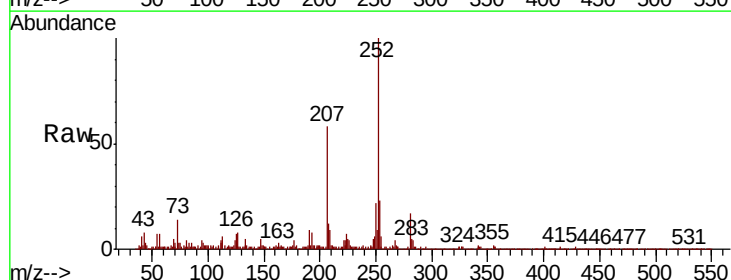
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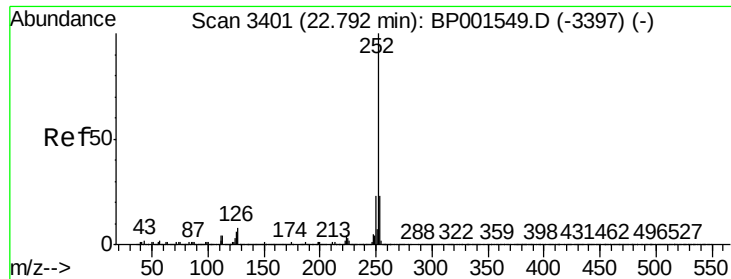
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#88
Benzo(b)fluoranthene
Concen: 8.042 ng m
RT: 22.76 min Scan# 3395
Delta R.T. 0.01 min
Lab File: BP001584.D
Acq: 09 Jan 2020 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	7.5	4.6	7.0





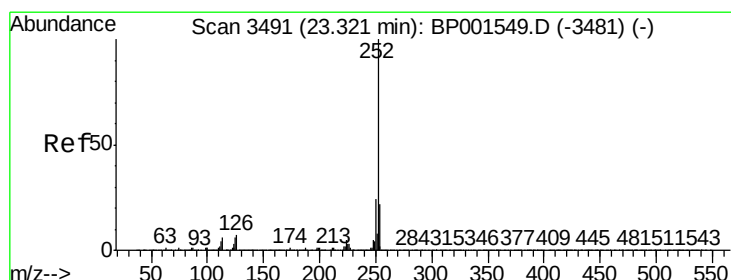
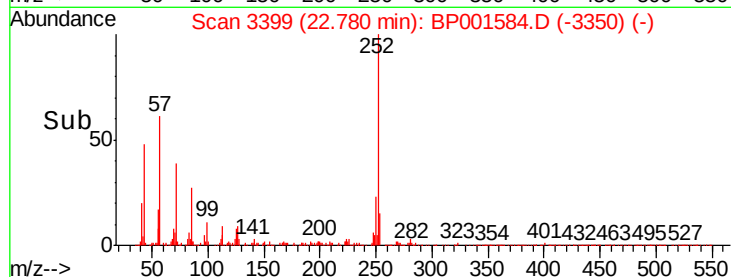
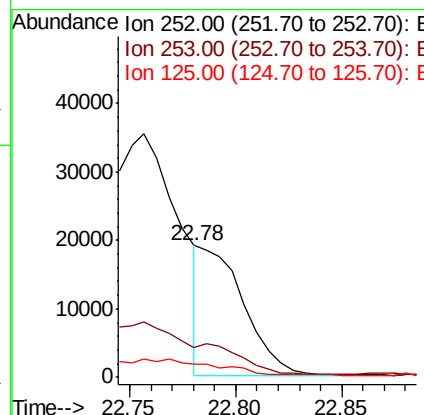
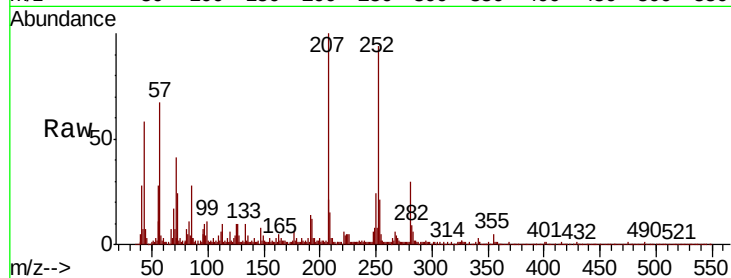
#89
Benzo(k)fluoranthene
Concen: 2.486 ng m
RT: 22.78 min Scan# 3399
Delta R.T. -0.01 min
Lab File: BP001584.D
Acq: 09 Jan 2020 17:58

Instrument :
BNA_P
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.2	4.6	6.8

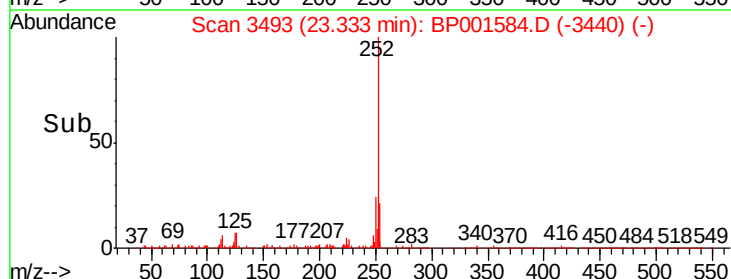
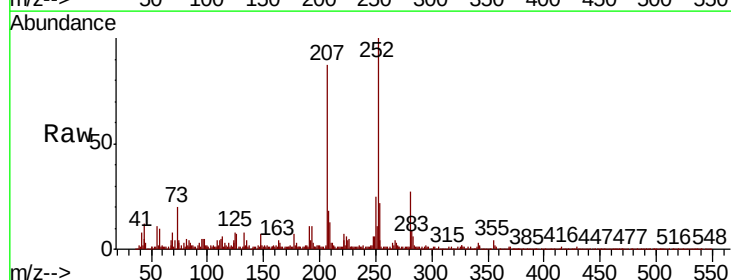
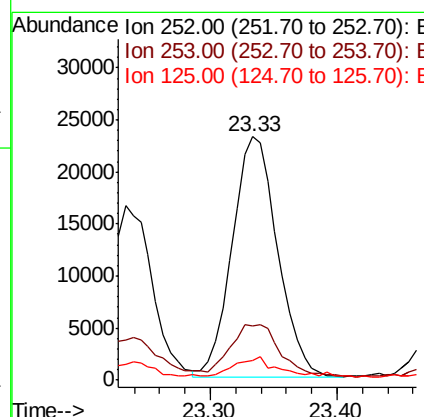
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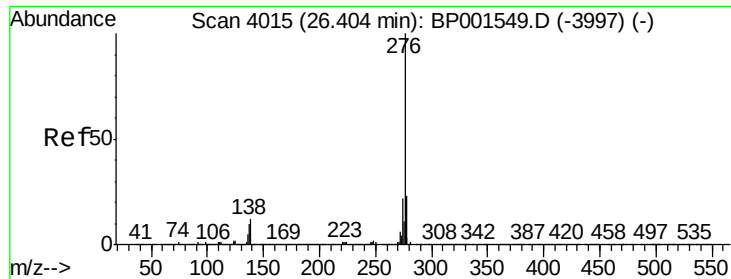
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#90
Benzo(a)pyrene
Concen: 5.552 ng
RT: 23.33 min Scan# 3493
Delta R.T. 0.01 min
Lab File: BP001584.D
Acq: 09 Jan 2020 17:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.6	26.4
125	8.2	5.0	7.4





#92
 Benzo(a,h,i)perylene
 Concen: 3.331 ng
 RT: 26.48 min Scan# 4028
 Delta R.T. 0.08 min
 Lab File: BP001584.D
 Acq: 09 Jan 2020 17:58

Instrument :
 BNA_P
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.3	18.6	28.0
138	14.4	9.4	14.2#

Manual Integrations
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