

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
 Data File : BP002834.D
 Acq On : 22 Jul 2020 20:23
 Operator : CG/JU
 Sample : L3360-01RX
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-1ARX

Manual Integrations
 APPROVED

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Quant Time: Jul 23 01:47:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	176449	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	693093	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	383786	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	700600	20.00	ng	0.00
76) Chrysene-d12	21.07	240	529894	20.00	ng	0.00
86) Perylene-d12	23.26	264	530414	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	265561	25.39	ng	0.00
7) Phenol-d6	6.76	99	792280	53.08	ng	0.00
23) Nitrobenzene-d5	8.69	82	673077	51.94	ng	-0.01
42) 2,4,6-Tribromophenol	15.71	330	66092	16.50	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1362503	54.92	ng	0.00
79) Terphenyl-d14	19.55	244	1257292	54.40	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.66	163	211766	7.235	ng	99
71) Phenanthrene	17.00	178	227728	6.003	ng	100
75) Fluoranthene	18.99	202	602216	13.701	ng	98
78) Pyrene	19.35	202	529363	14.469	ng	100
81) Benzo(a)anthracene	21.06	228	263841	7.692	ng	96
83) Chrysene	21.11	228	249590	7.644	ng	96
87) Indeno(1,2,3-cd)pyrene	25.47	276	125101	3.263	ng	97
88) Benzo(b)fluoranthene	22.62	252	283669	8.613	ng	# 94
89) Benzo(k)fluoranthene	22.65	252	96478m	2.974	ng	
90) Benzo(a)pyrene	23.17	252	200208	6.415	ng	# 96
92) Benzo(g,h,i)perylene	26.15	276	123878	3.952	ng	97

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

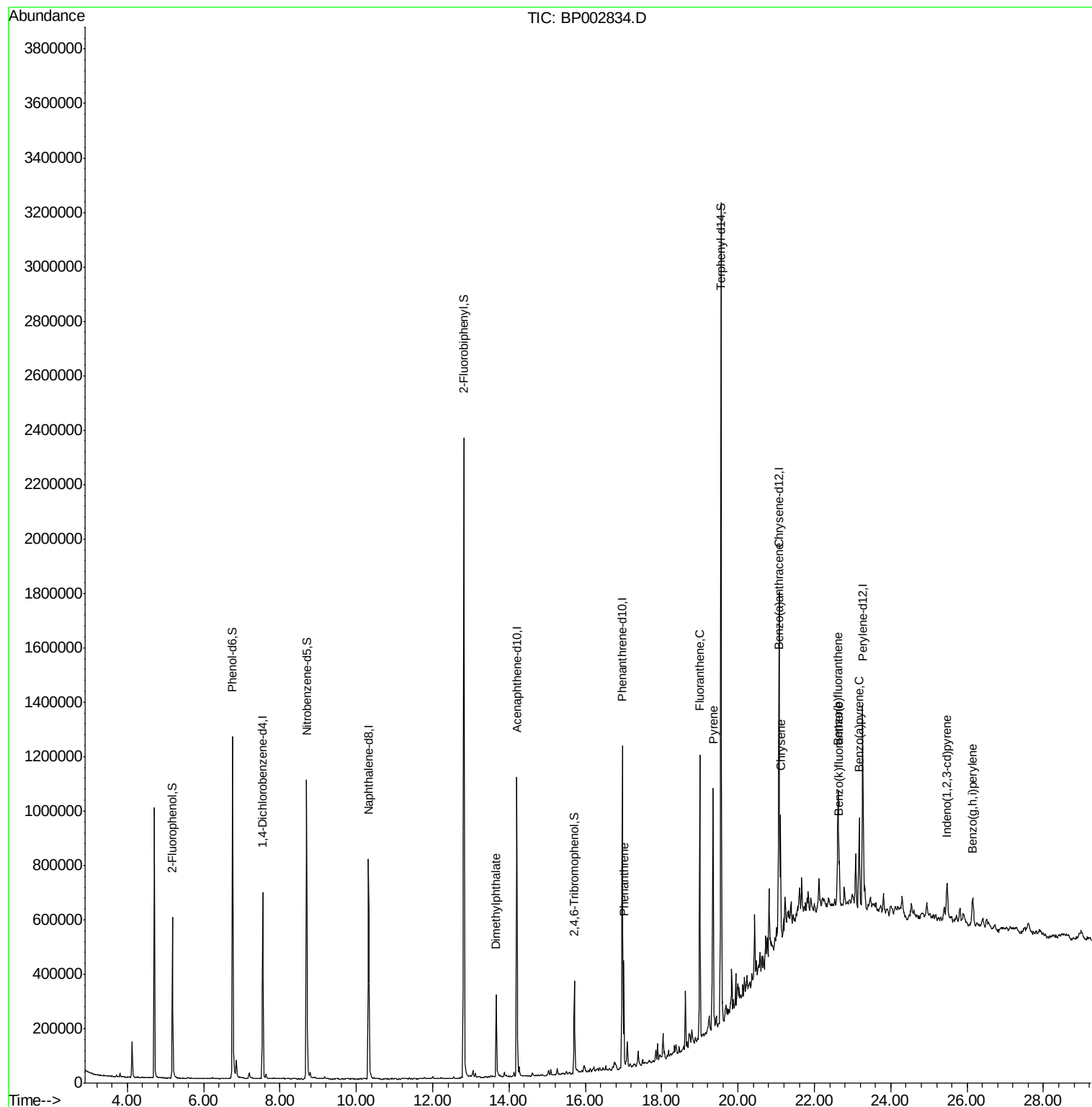
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
Data File : BP002834.D
Acq On : 22 Jul 2020 20:23
Operator : CG/JU
Sample : L3360-01RX
Misc :
ALS Vial : 15 Sample Multiplier: 1

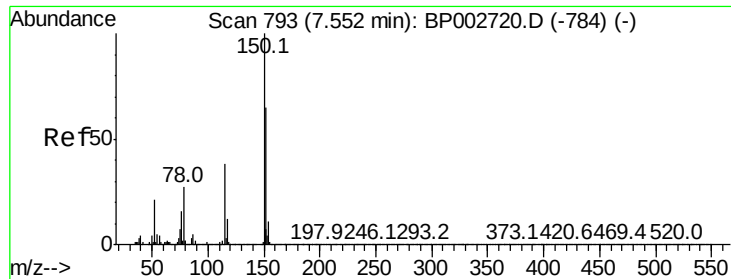
Instrument :
BNA_P
ClientSampleId :
SP-1ARX

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Quant Time: Jul 23 01:47:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration





#1

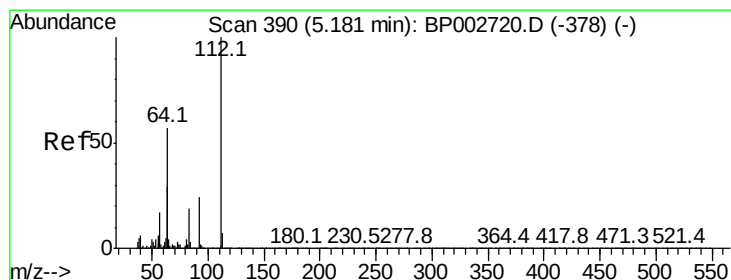
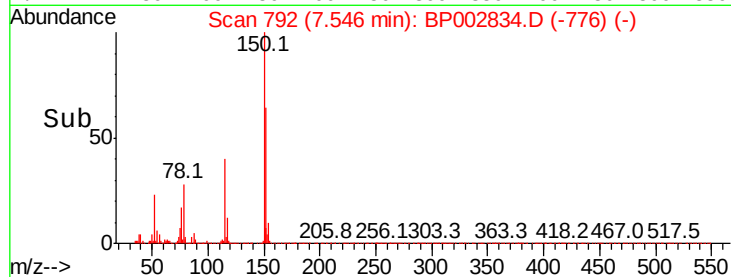
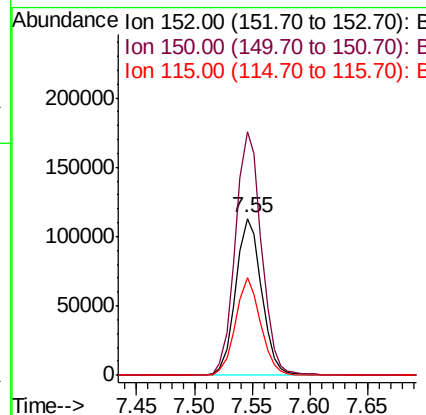
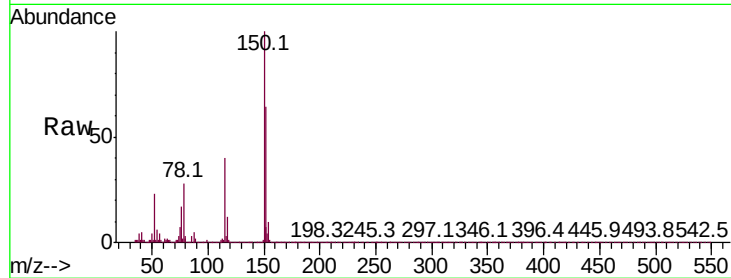
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002834.D
Acq: 22 Jul 2020 20:23

Instrument :
BNA_P
ClientSampleId :
SP-1ARX

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.7	185.5
115	62.2	47.2	70.8

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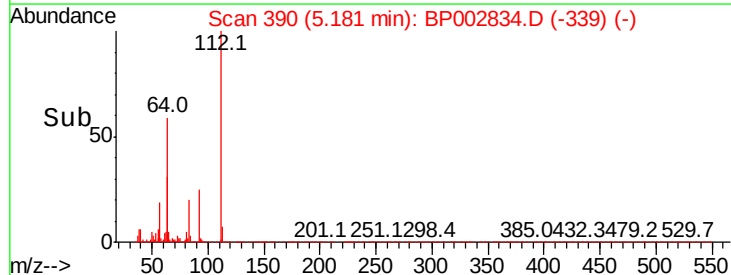
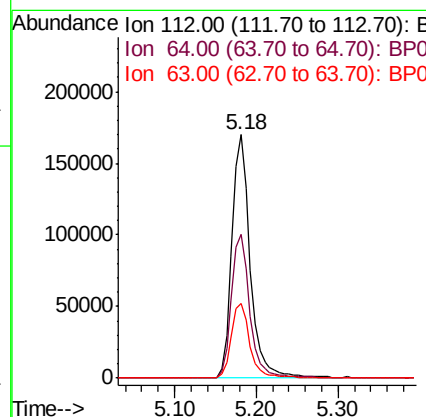
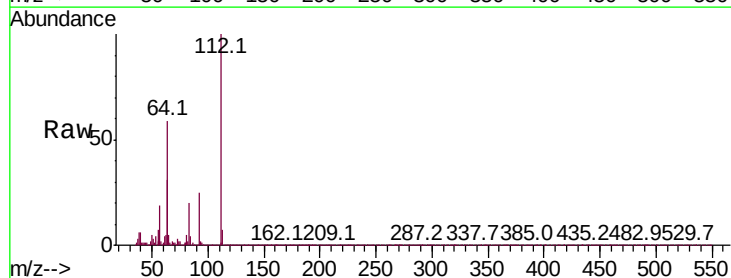
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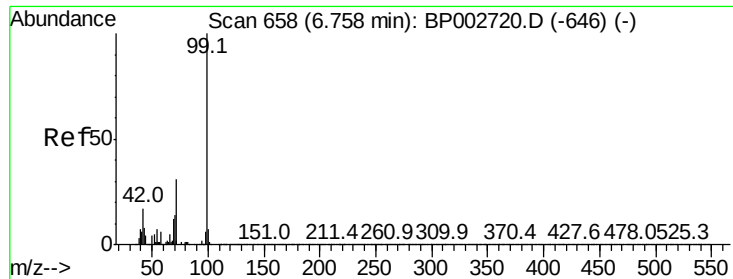


#5

2-Fluorophenol
Concen: 25.393 ng
RT: 5.18 min Scan# 390
Delta R.T. 0.00 min
Lab File: BP002834.D
Acq: 22 Jul 2020 20:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	45.6	68.4
63	30.6	23.5	35.3





#7

Phenol-d6

Concen: 53.082 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002834.D

Acq: 22 Jul 2020 20:23

Instrument :

BNA_P

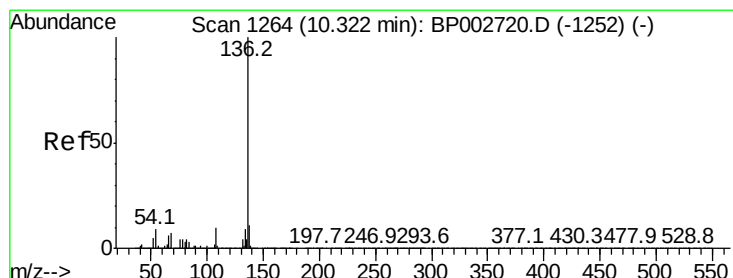
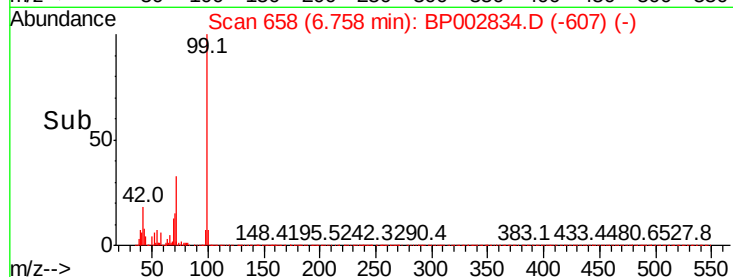
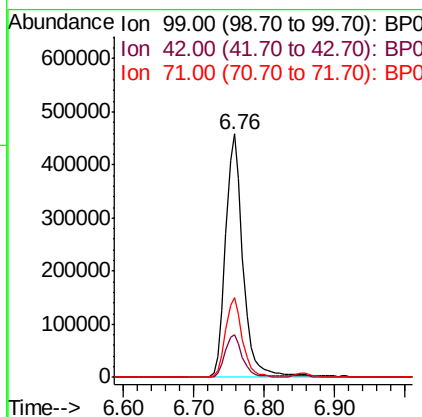
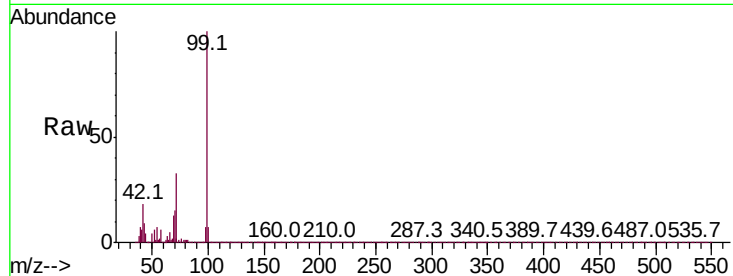
ClientSampleId :

SP-1ARX

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		792280		
42	17.7	13.4	20.2		
71	32.8	24.6	36.8		

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#21

Naphthalene-d8

Concen: 20.000 ng

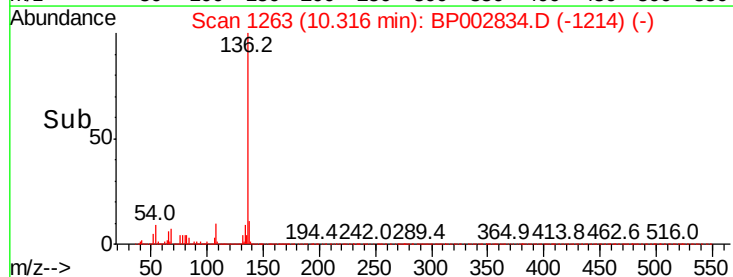
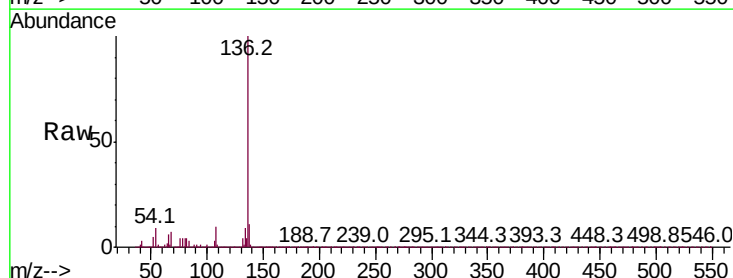
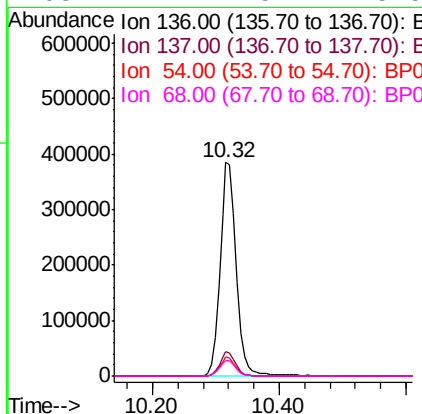
RT: 10.32 min Scan# 1263

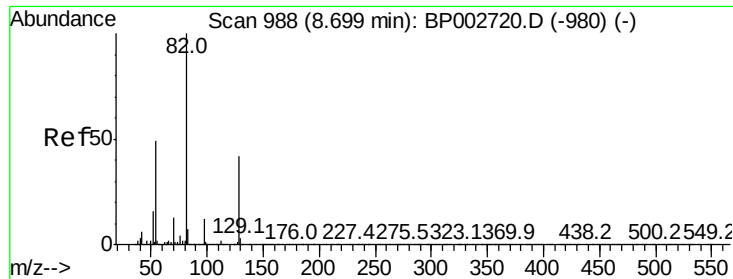
Delta R.T. -0.01 min

Lab File: BP002834.D

Acq: 22 Jul 2020 20:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		693093		
137	11.2	8.6	13.0		
54	9.2	6.9	10.3		
68	7.2	5.7	8.5		





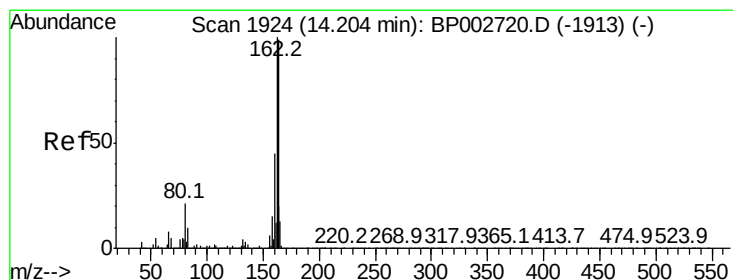
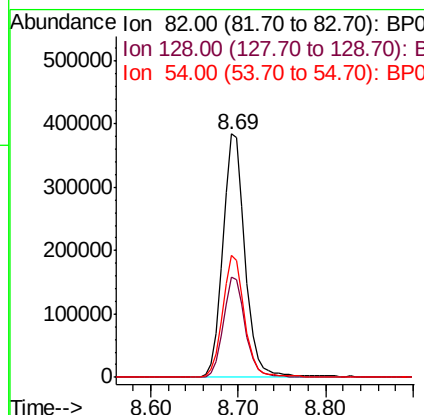
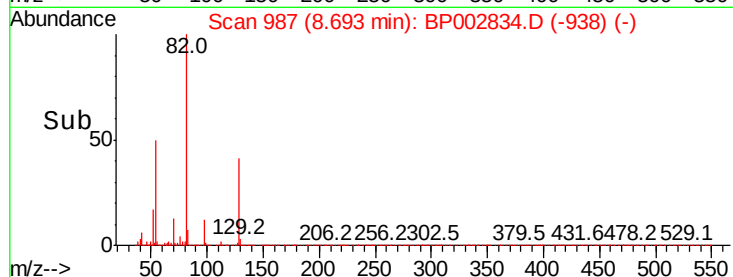
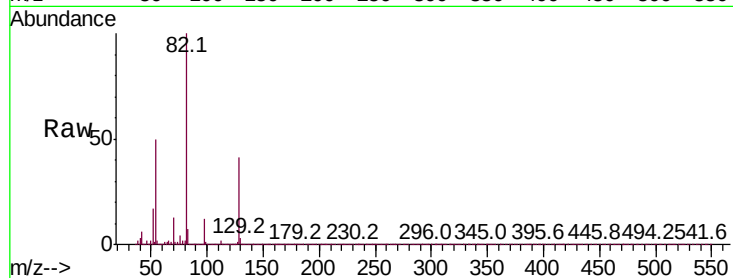
#23
Nitrobenzene-d5
Concen: 51.939 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002834.D
Acq: 22 Jul 2020 20:23

Instrument :
BNA_P
ClientSampled :
SP-1ARX

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	33.8	50.8
54	50.3	38.8	58.2

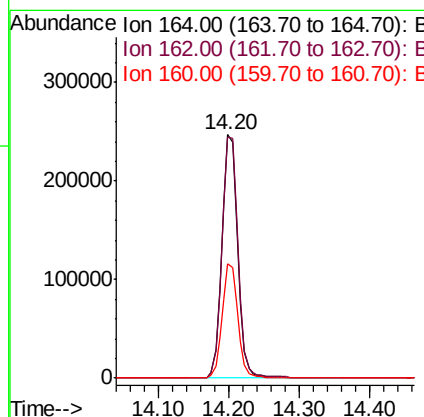
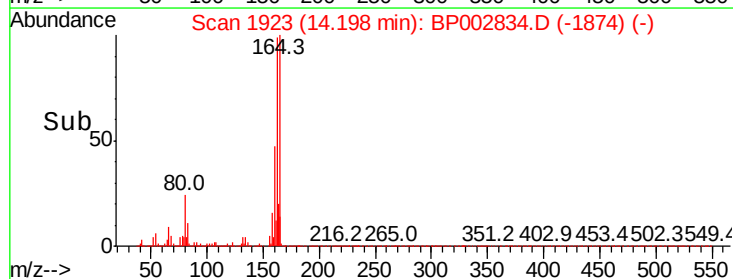
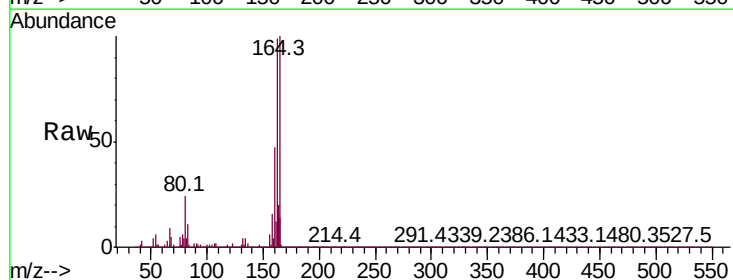
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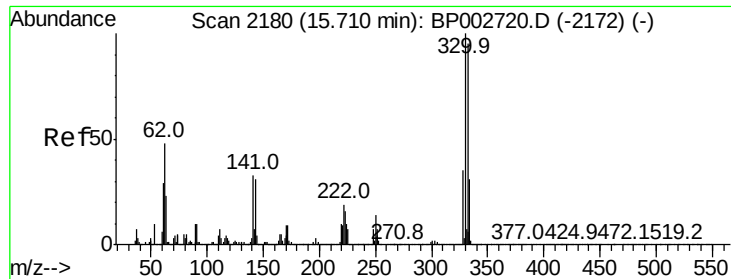
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BP002834.D
Acq: 22 Jul 2020 20:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.6	121.0
160	47.2	36.4	54.6





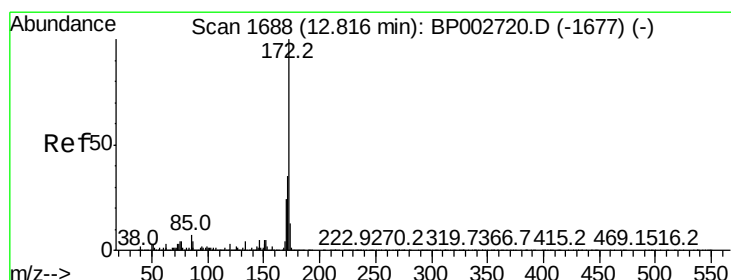
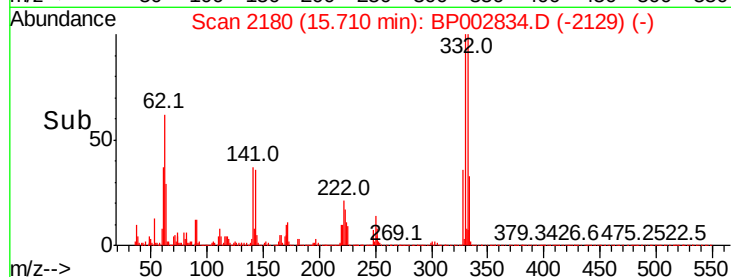
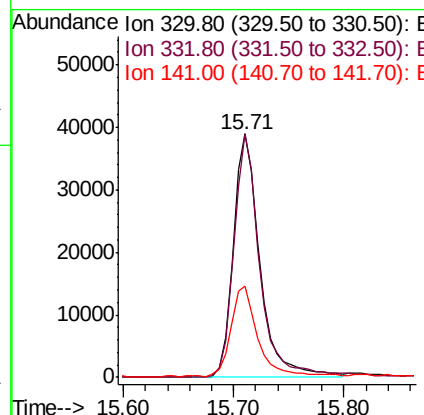
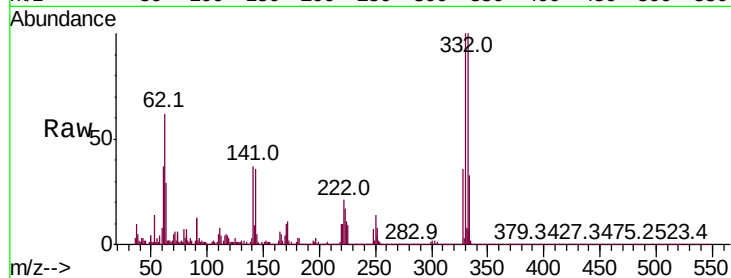
#42
 2,4,6-Tribromophenol
 Concen: 16.498 ng
 RT: 15.71 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BP002834.D
 Acq: 22 Jul 2020 20:23

Instrument :
 BNA_P
 ClientSampled :
 SP-1ARX

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.0	76.5	114.7
141	37.5	28.8	43.2

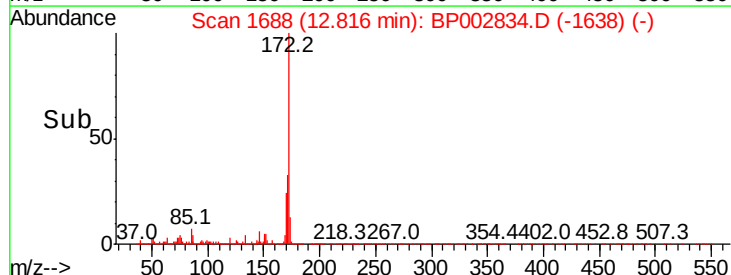
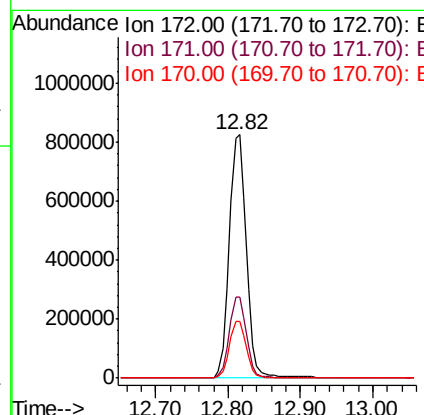
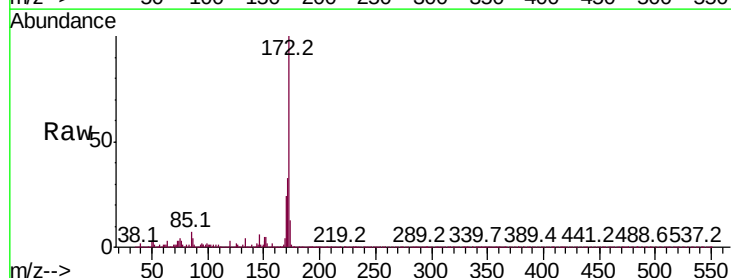
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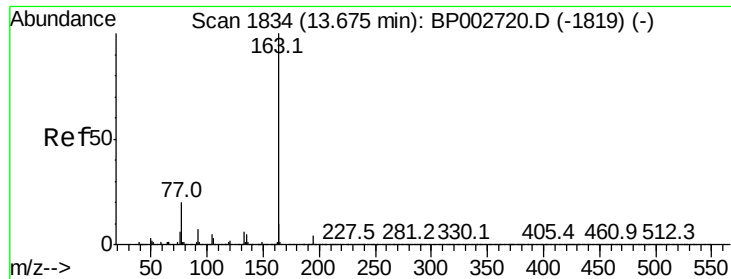
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#45
 2-Fluorobiphenyl
 Concen: 54.920 ng
 RT: 12.82 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BP002834.D
 Acq: 22 Jul 2020 20:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.3	28.1	42.1
170	23.6	19.3	28.9





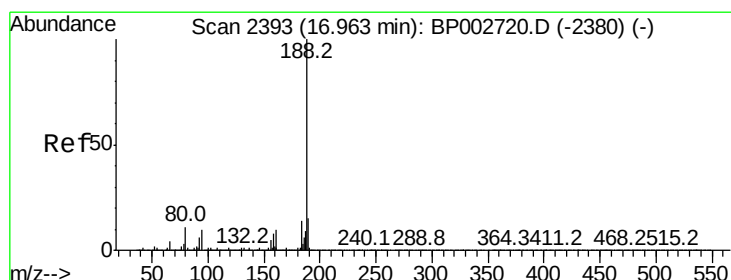
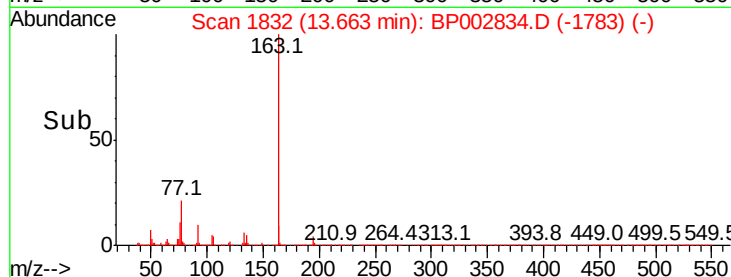
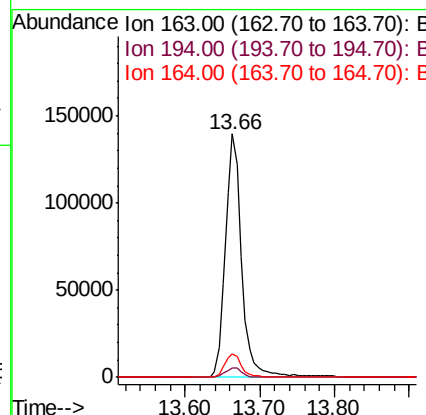
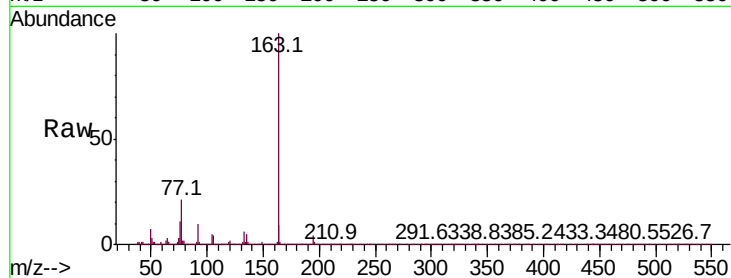
#50
Dimethylphthalate
Concen: 7.235 ng
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BP002834.D
Acq: 22 Jul 2020 20:23

Instrument :
BNA_P
ClientSampleId :
SP-1ARX

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.1	3.4	5.2
164	9.5	7.8	11.8

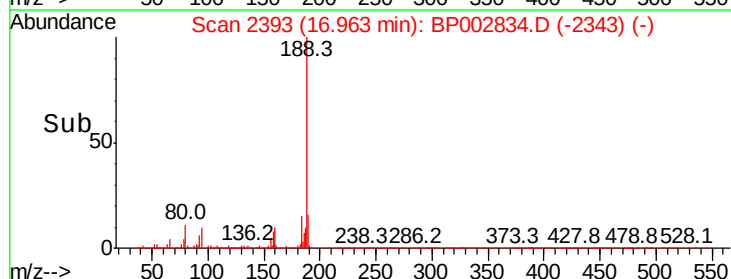
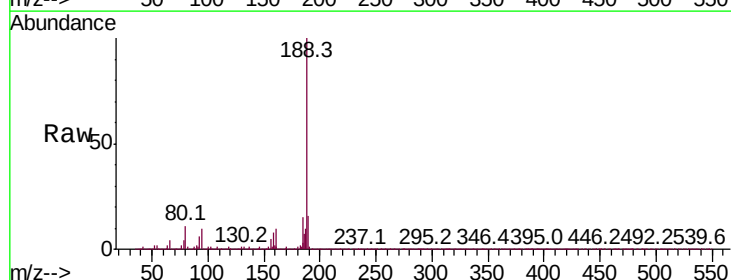
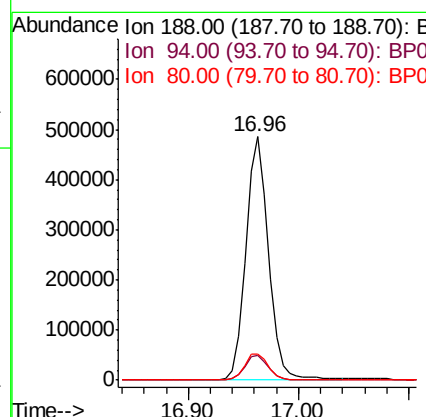
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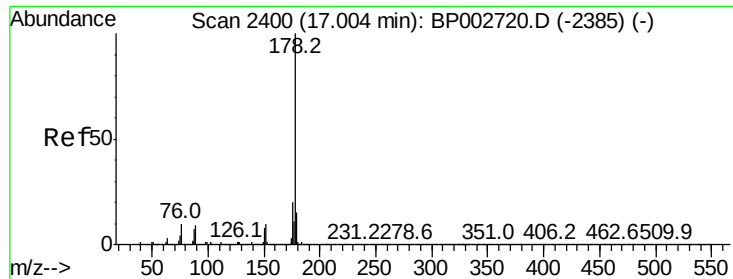
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002834.D
Acq: 22 Jul 2020 20:23

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	10.4	8.1	12.1
80	10.8	8.9	13.3





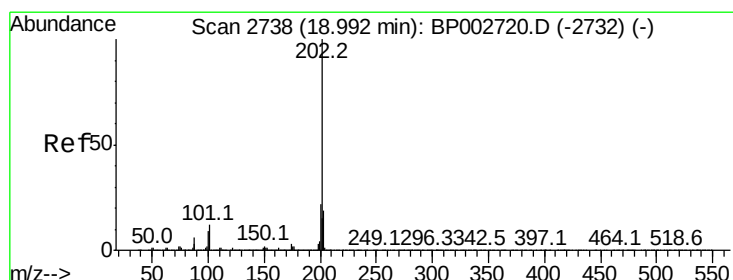
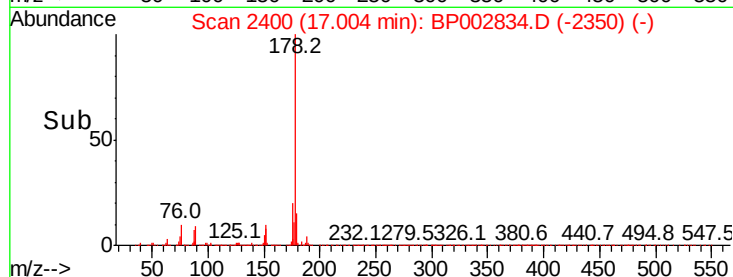
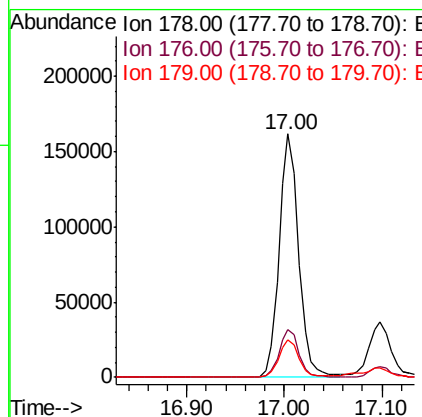
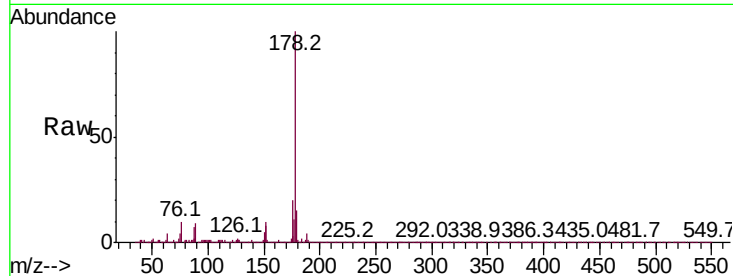
#71
Phenanthrene
Concen: 6.003 ng
RT: 17.00 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BP002834.D
Acq: 22 Jul 2020 20:23

Instrument :
BNA_P
ClientSampleId :
SP-1ARX

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.2	12.3	18.5

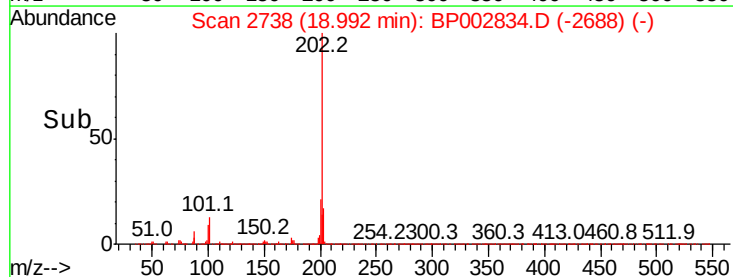
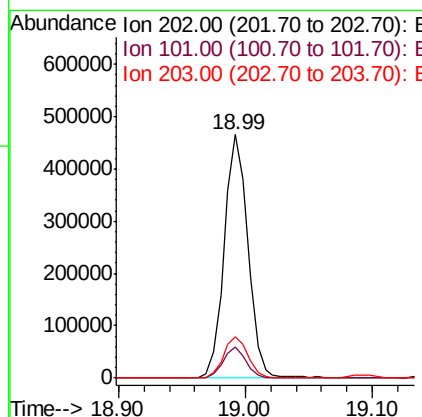
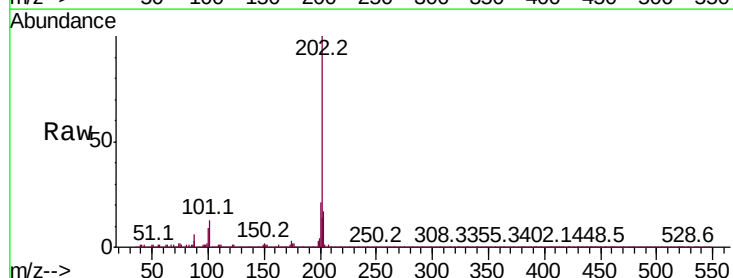
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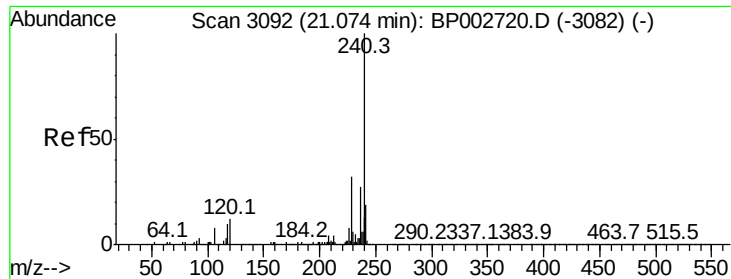
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#75
Fluoranthene
Concen: 13.701 ng
RT: 18.99 min Scan# 2738
Delta R.T. -0.01 min
Lab File: BP002834.D
Acq: 22 Jul 2020 20:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	32.5
203	17.2	0.0	38.6





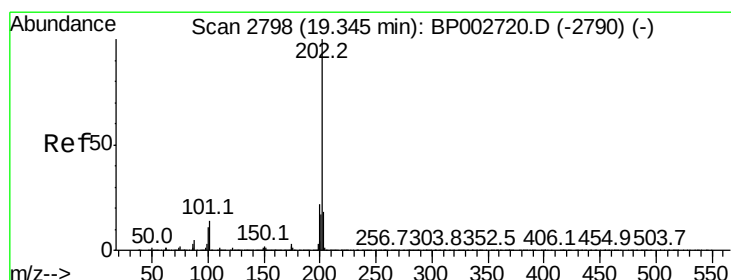
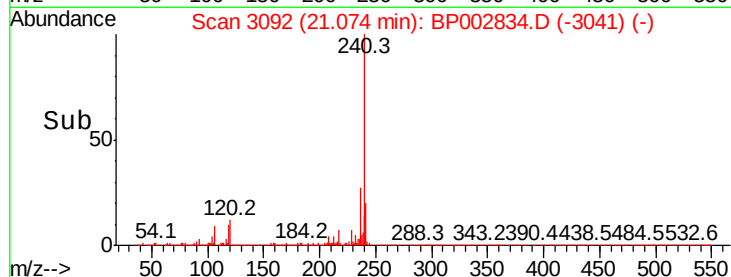
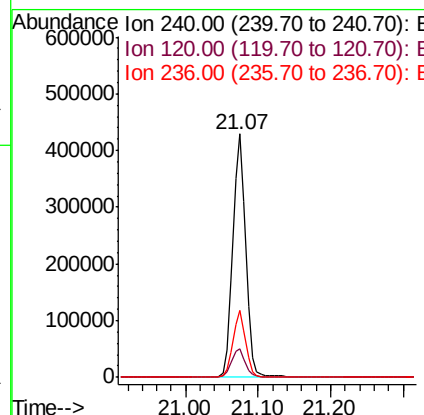
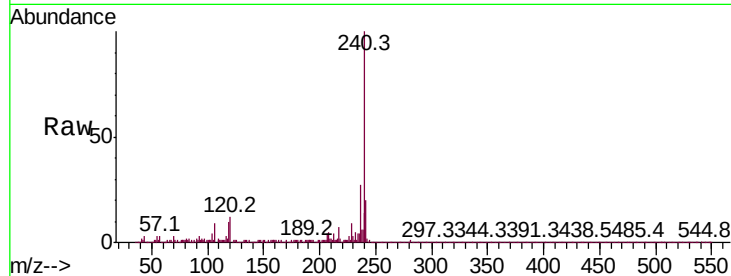
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BP002834.D
Acq: 22 Jul 2020 20:23

Instrument :
BNA_P
ClientSampled :
SP-1ARX

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.4	14.2
236	27.3	21.3	31.9

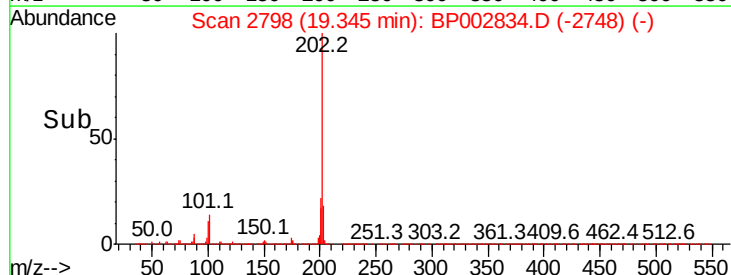
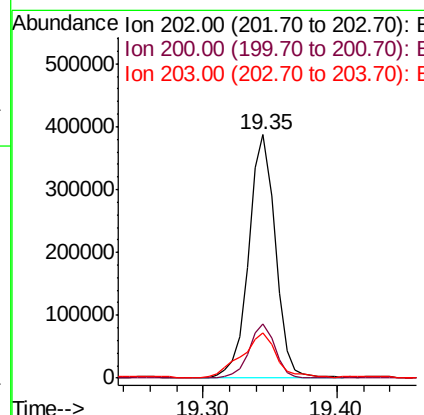
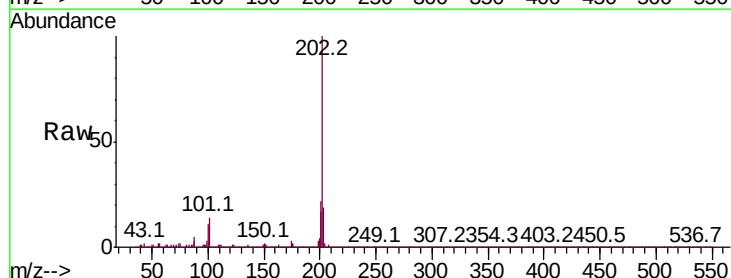
Manual Integrations
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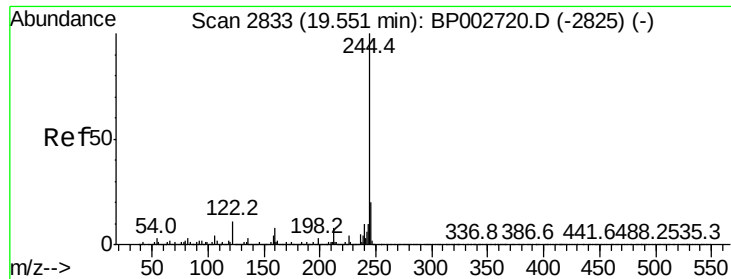
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#78
Pyrene
Concen: 14.469 ng
RT: 19.35 min Scan# 2798
Delta R.T. -0.01 min
Lab File: BP002834.D
Acq: 22 Jul 2020 20:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.5	14.5	21.7





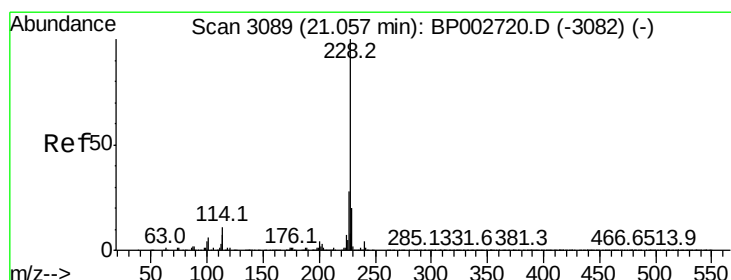
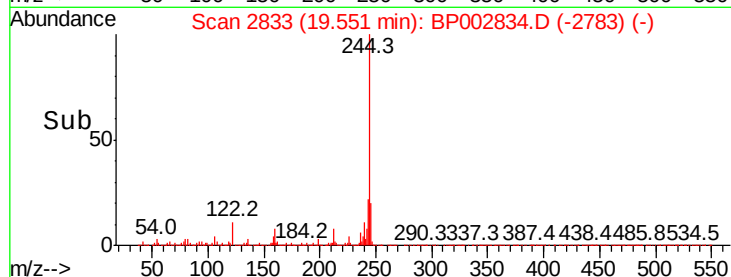
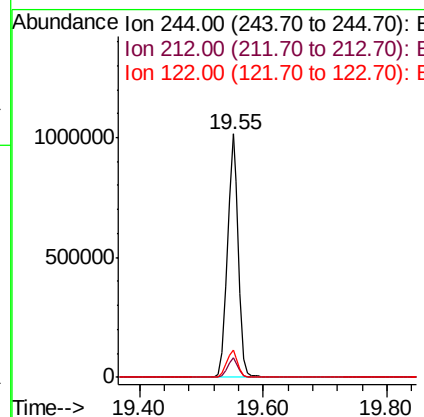
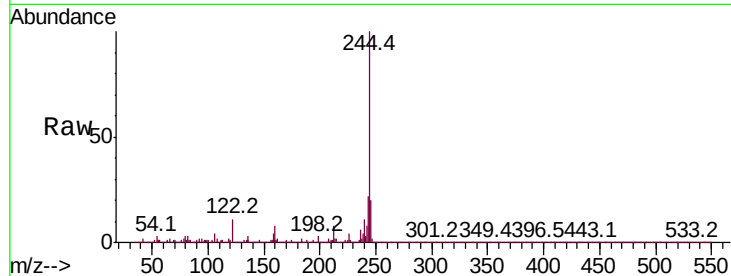
#79
 Terphenyl-d14
 Concen: 54.400 ng
 RT: 19.55 min Scan# 2833
 Delta R.T. -0.01 min
 Lab File: BP002834.D
 Acq: 22 Jul 2020 20:23

Instrument :
 BNA_P
 ClientSampled :
 SP-1ARX

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	11.3	8.9	13.3

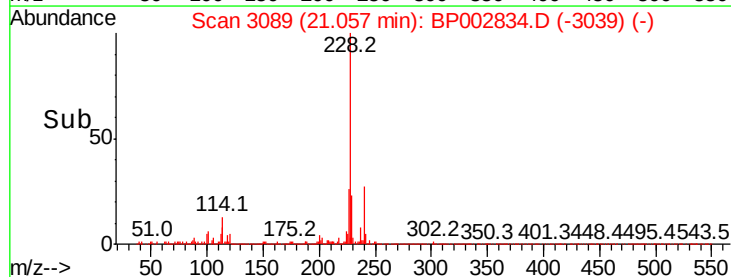
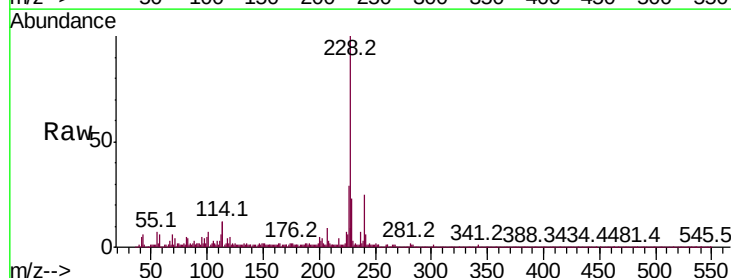
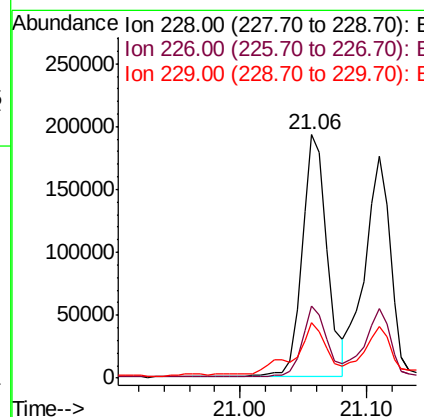
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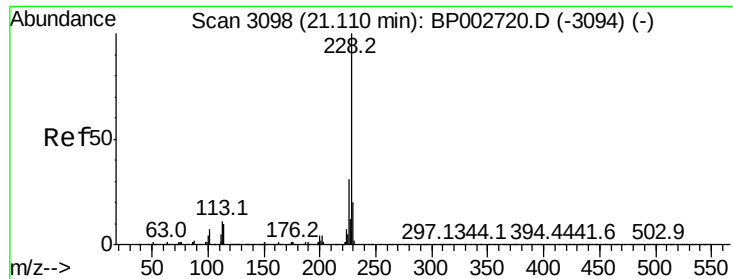
Sohil
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#81
 Benzo(a)anthracene
 Concen: 7.692 ng
 RT: 21.06 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BP002834.D
 Acq: 22 Jul 2020 20:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	34.0
229	22.9	16.0	24.0





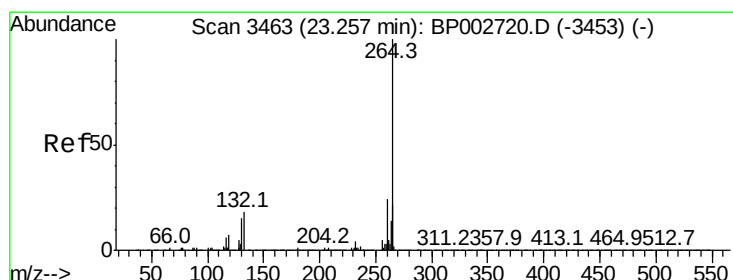
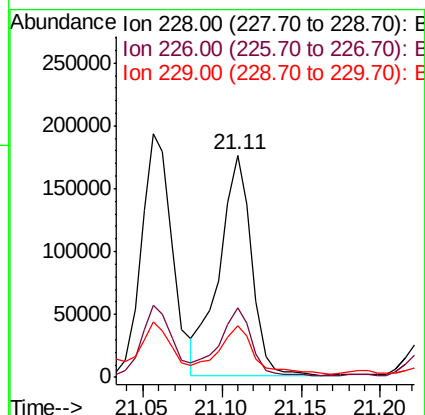
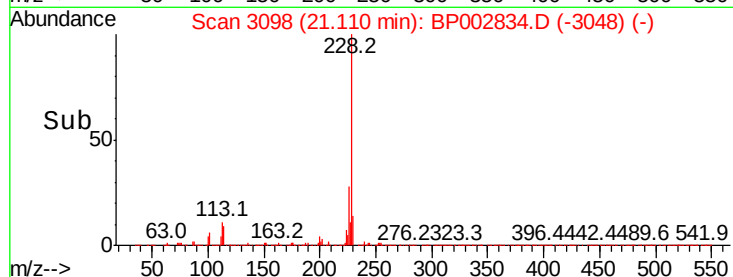
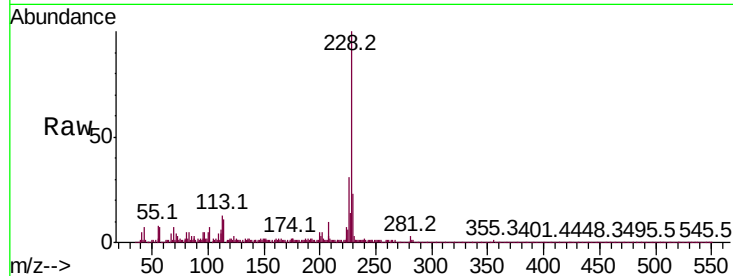
#83
Chrysene
Concen: 7.644 ng
RT: 21.11 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BP002834.D
Acq: 22 Jul 2020 20:23

Instrument :
BNA_P
ClientSampled :
SP-1ARX

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		249590		
226	31.4		24.6	37.0	
229	23.4		15.7	23.5	

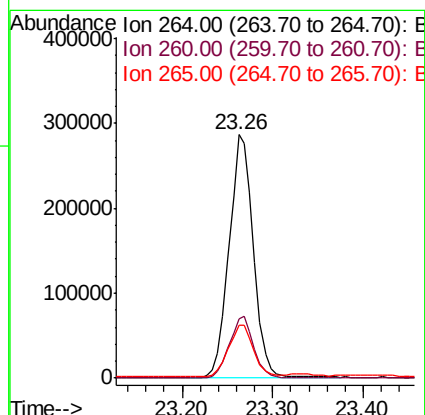
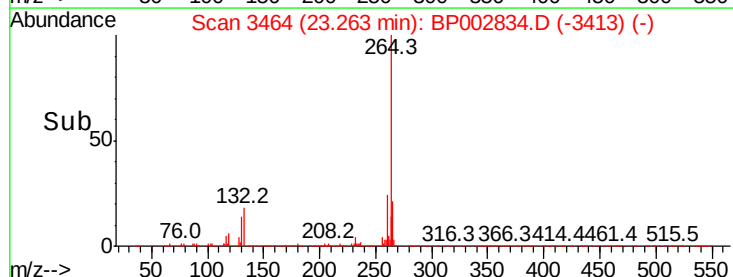
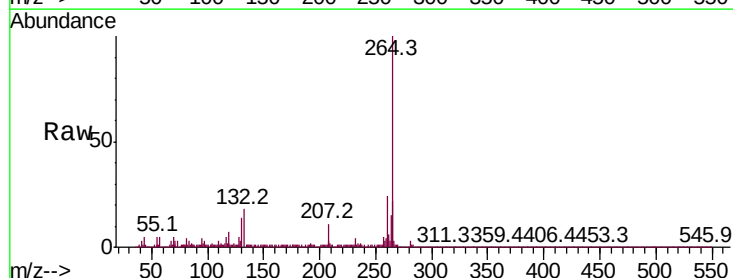
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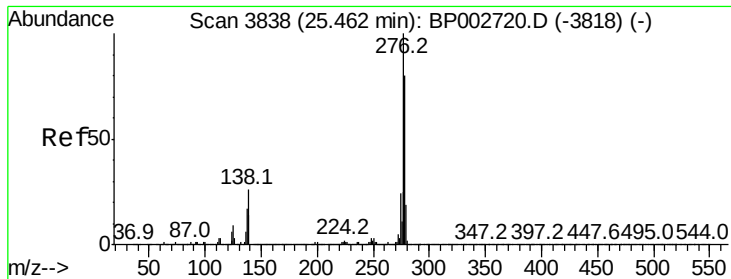
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3464
Delta R.T. 0.00 min
Lab File: BP002834.D
Acq: 22 Jul 2020 20:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100		530414		
260	24.2		19.3	28.9	
265	21.9		16.8	25.2	





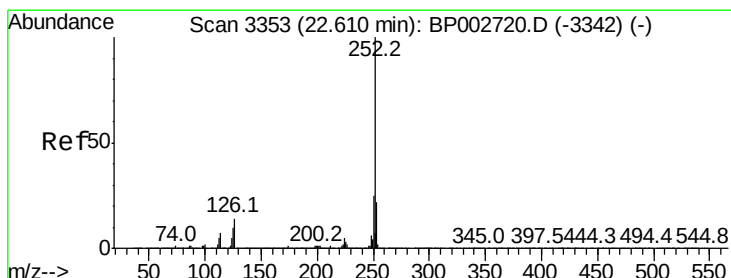
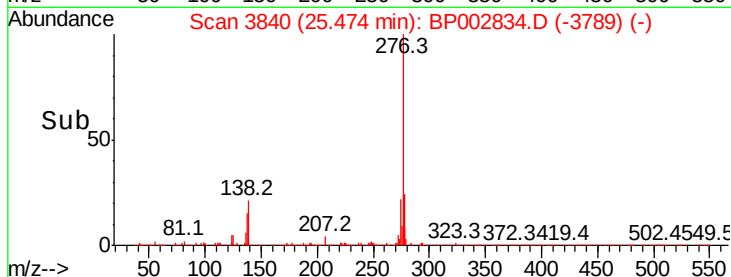
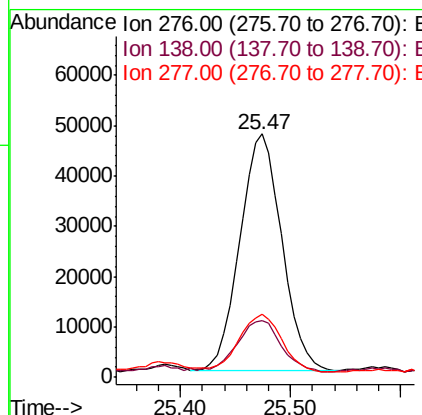
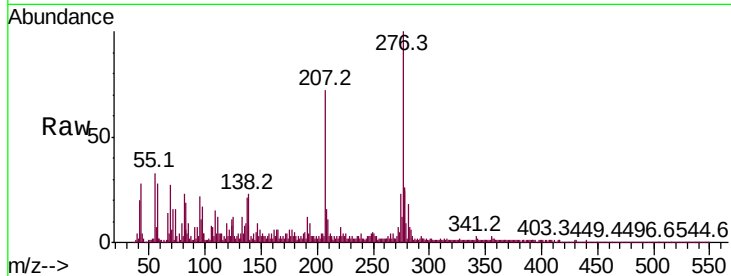
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.263 ng
 RT: 25.47 min Scan# 3840
 Delta R.T. 0.00 min
 Lab File: BP002834.D
 Acq: 22 Jul 2020 20:23

Instrument :
 BNA_P
 ClientSampleId :
 SP-1ARX

Tot Ion	Ratio	Resp	Lower	Upper
276	100	125101		
138	23.1	20.8	31.2	
277	25.1	20.0	30.0	

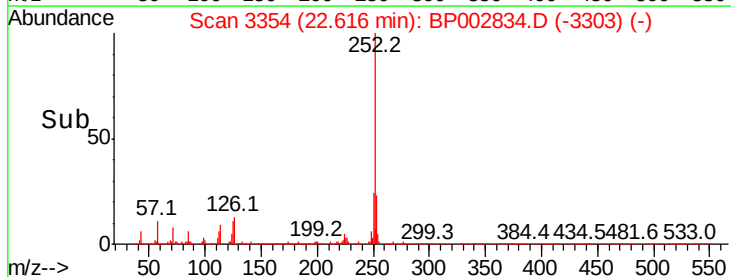
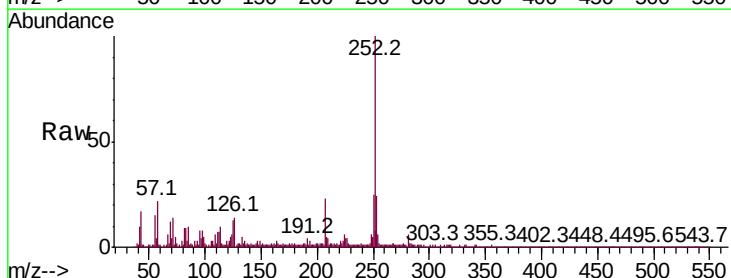
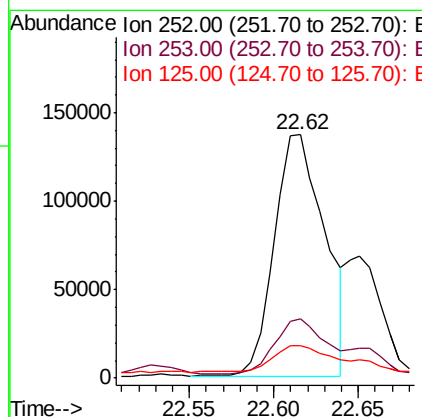
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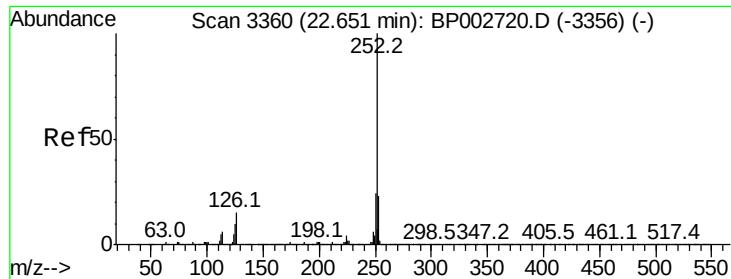
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#88
 Benzo(b)fluoranthene
 Concen: 8.613 ng
 RT: 22.62 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: BP002834.D
 Acq: 22 Jul 2020 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	283669		
253	24.3	17.7	26.5	
125	13.1	8.2	12.2#	





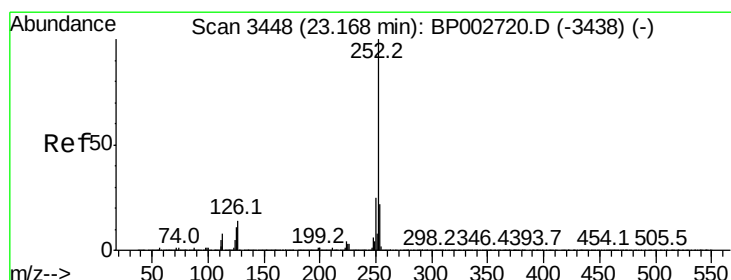
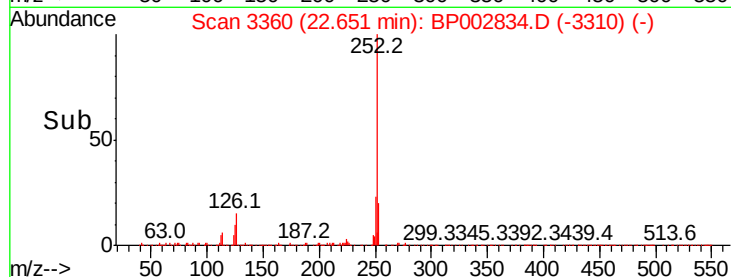
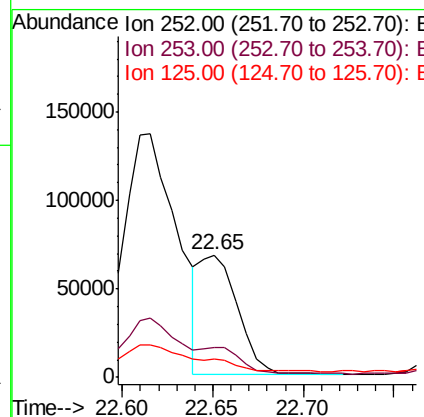
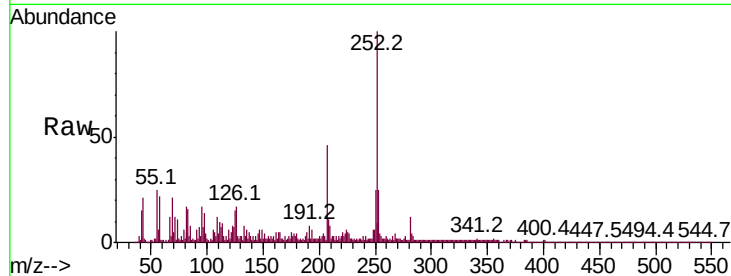
#89
Benzo(k)fluoranthene
Concen: 2.974 ng m
RT: 22.65 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BP002834.D
Acq: 22 Jul 2020 20:23

Instrument :
BNA_P
ClientSampleId :
SP-1ARX

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.8
125	14.7	8.3	12.5

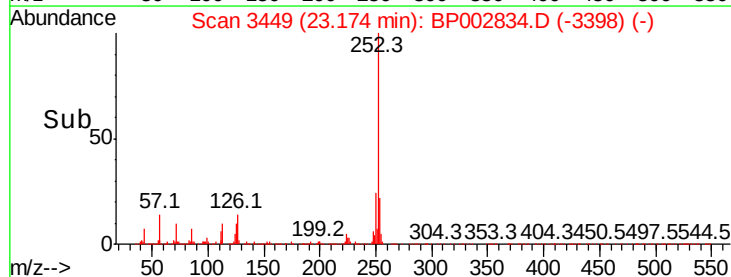
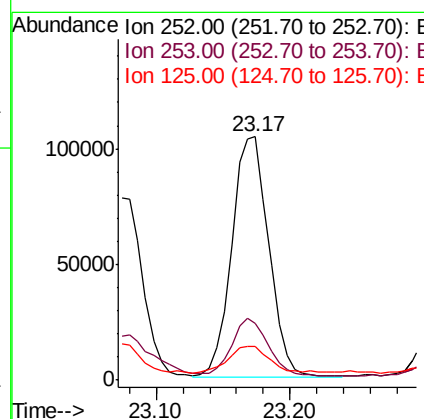
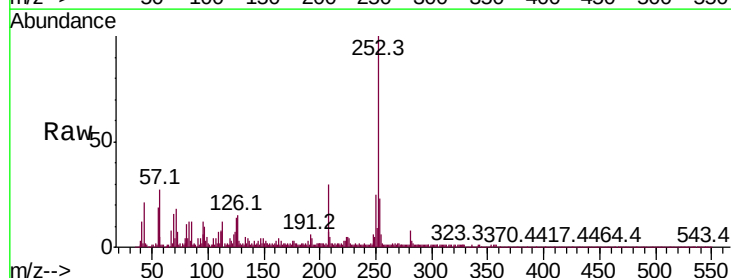
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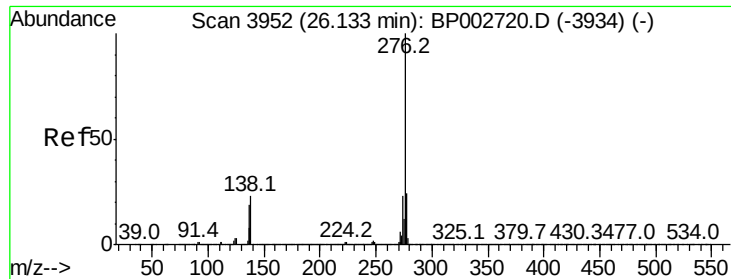
Sohil
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#90
Benzo(a)pyrene
Concen: 6.415 ng
RT: 23.17 min Scan# 3449
Delta R.T. 0.00 min
Lab File: BP002834.D
Acq: 22 Jul 2020 20:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	13.6	8.6	13.0





#92

Benzo(a,h,i)perylene

Concen: 3.952 ng

RT: 26.15 min Scan# 3955

Delta R.T. 0.01 min

Lab File: BP002834.D

Acq: 22 Jul 2020 20:23

Instrument :

BNA_P

ClientSampleId :

SP-1ARX

Tot Ion:	276	Resp:	123878
Ion Ratio	Lower	Upper	
276	100		
277	25.7	19.1	28.7
138	23.8	18.3	27.5

Manual Integrations
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