

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
 Data File : BP003009.D
 Acq On : 17 Aug 2020 18:53
 Operator : CG/JU
 Sample : L3691-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S711-N-SO-0-0.5-081320-FD

Manual Integrations
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Quant Time: Aug 18 04:26:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	345510	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1299376	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	833057	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1569099	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1837422	20.00	ng	0.00
86) Perylene-d12	23.42	264	2020909	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1834115	81.25	ng	0.00
7) Phenol-d6	6.86	99	2196714	70.09	ng	0.00
23) Nitrobenzene-d5	8.83	82	1248660	52.05	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	835885	80.73	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3076616	50.46	ng	0.00
79) Terphenyl-d14	19.65	244	4082452	44.48	ng	0.00
Target Compounds						
10) Phenol	6.89	94	85619	2.712	ng	97
32) Benzoic acid	9.74	122	4527m	8.001	ng	
50) Dimethylphthalate	13.78	163	739787	11.354	ng	100
71) Phenanthrene	17.12	178	425569	4.625	ng	97
75) Fluoranthene	19.09	202	1532278	14.454	ng	99
78) Pyrene	19.45	202	1281422	9.976	ng	98
80) Butylbenzylphthalate	20.33	149	7414	3.191	ng	97
81) Benzo(a)anthracene	21.15	228	700477	5.597	ng	99
83) Chrysene	21.20	228	867587	7.349	ng	97
87) Indeno(1,2,3-cd)pyrene	25.70	276	707415	4.371	ng	95
88) Benzo(b)fluoranthene	22.74	252	1509297	10.583	ng	99
89) Benzo(k)fluoranthene	22.78	252	453700m	3.366	ng	
90) Benzo(a)pyrene	23.32	252	879276	6.823	ng	100
92) Benzo(a,h,i)perylene	26.40	276	721327	5.415	ng	99

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

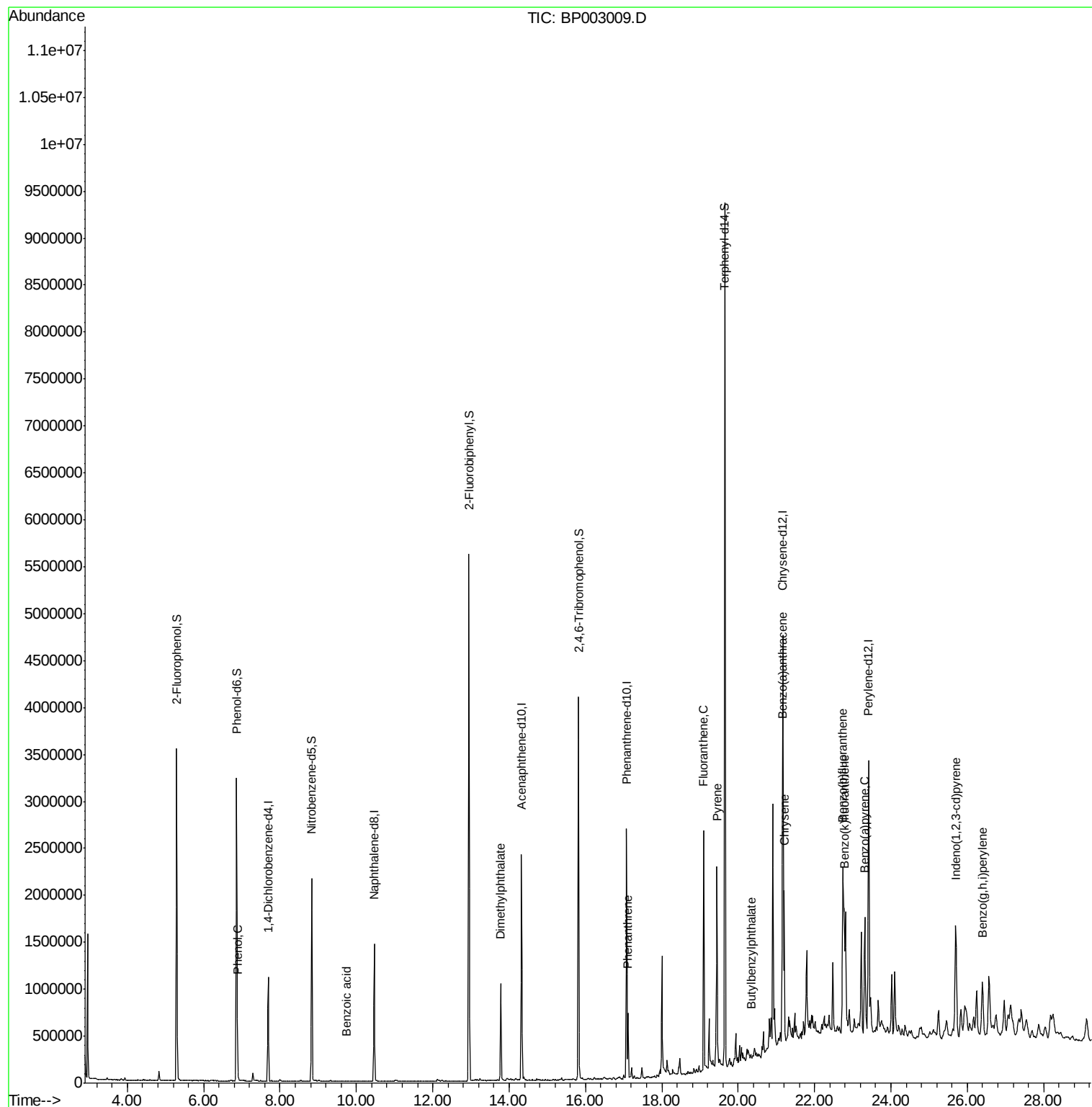
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
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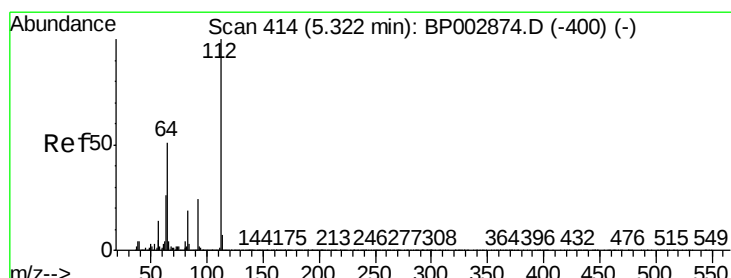
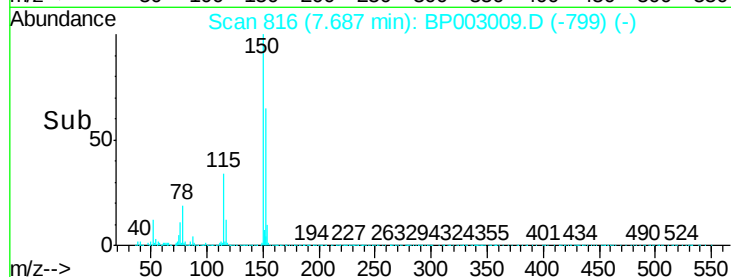
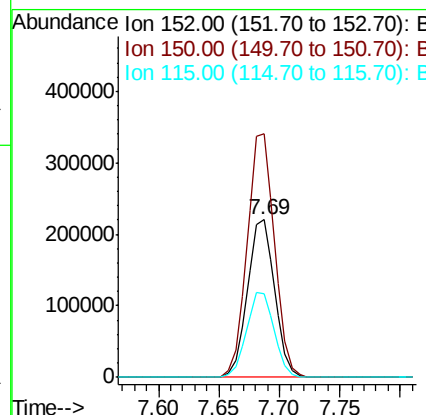
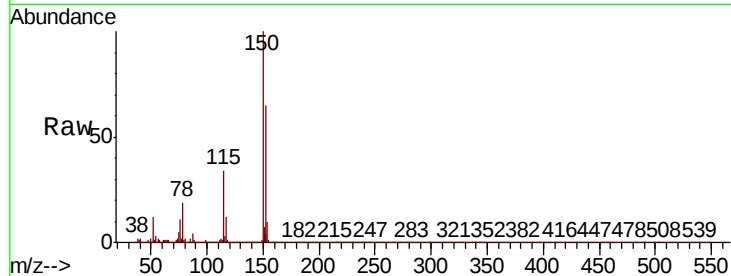
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.69 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BP003009.D
 Acq: 17 Aug 2020 18:53

Instrument :
 BNA_P
 ClientSampleId :
 S711-N-SO-0-0.5-081320-FD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.1	189.1
115	53.1	43.4	65.2

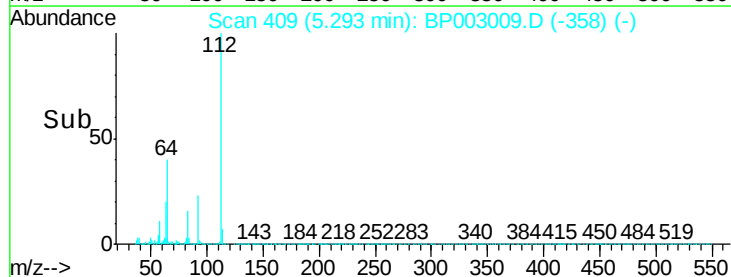
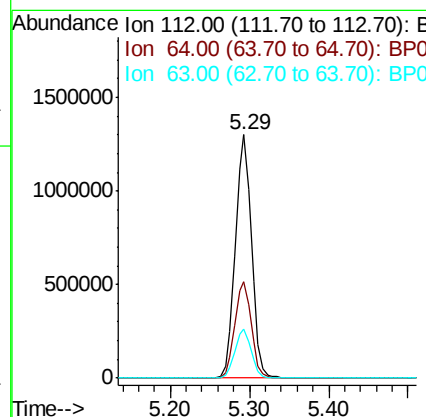
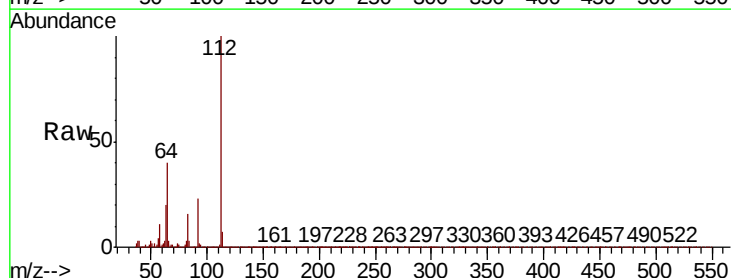
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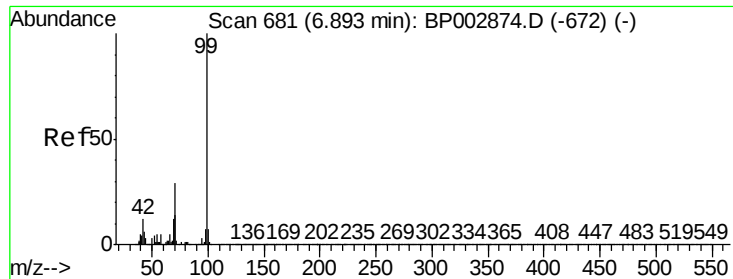
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#5
 2-Fluorophenol
 Concen: 81.245 ng
 RT: 5.29 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: BP003009.D
 Acq: 17 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.8	33.4	50.2
63	20.0	17.4	26.0





#7

Phenol-d6

Concen: 70.087 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003009.D

Acq: 17 Aug 2020 18:53

Instrument :

BNA_P

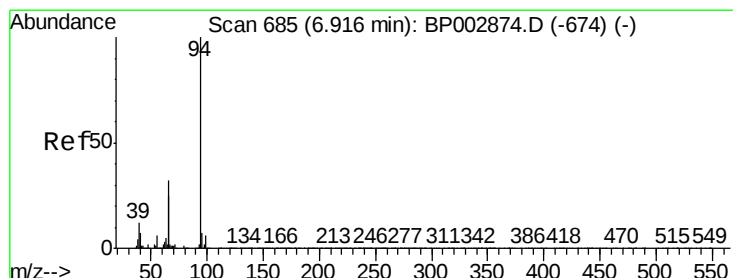
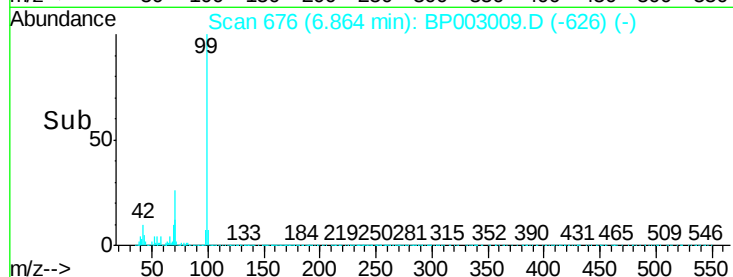
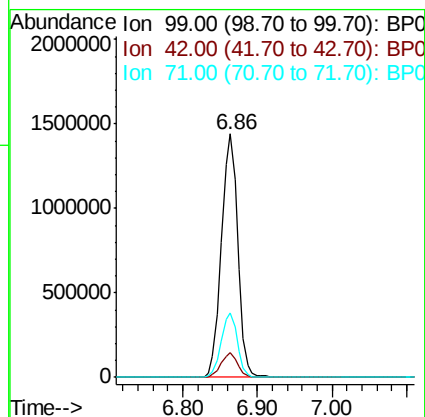
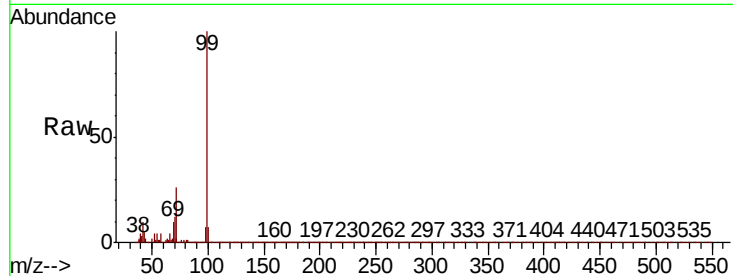
ClientSampleId :

S711-N-SO-0-0.5-081320-FD

Tot Ion:	99	Resp:	2196714
Ion	Ratio	Lower	Upper
99	100		
42	10.0	8.0	12.0
71	26.5	21.3	31.9

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#10

Phenol

Concen: 2.712 ng

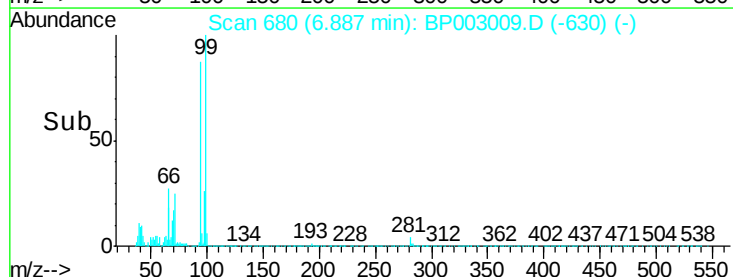
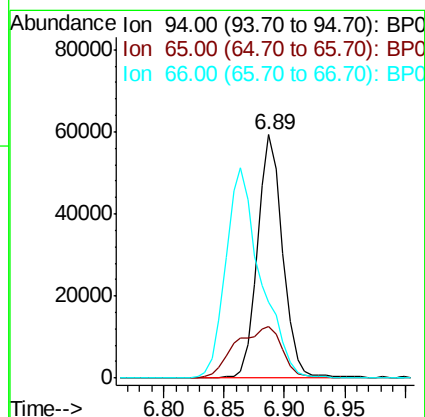
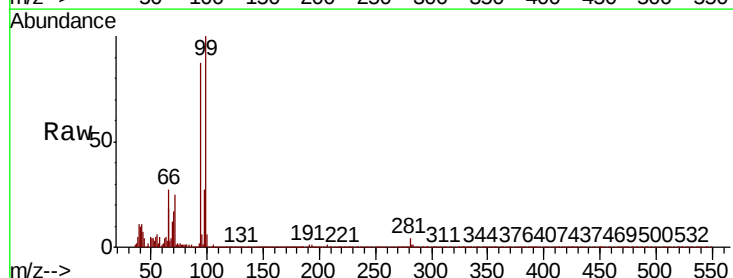
RT: 6.89 min Scan# 680

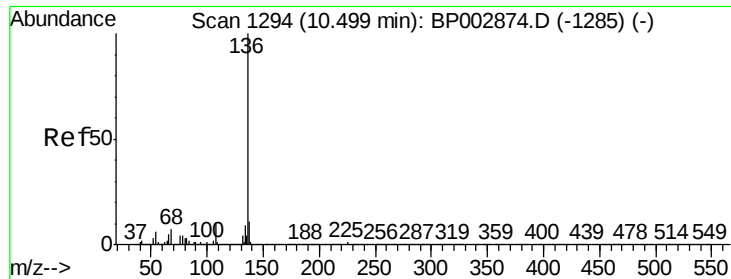
Delta R.T. -0.01 min

Lab File: BP003009.D

Acq: 17 Aug 2020 18:53

Tgt Ion:	94	Resp:	85619
Ion	Ratio	Lower	Upper
94	100		
65	21.2	1.7	41.7
66	31.4	8.6	48.6





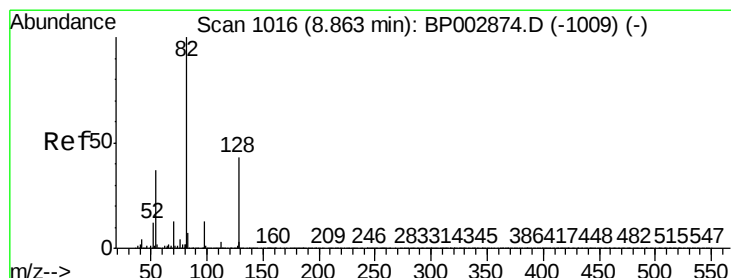
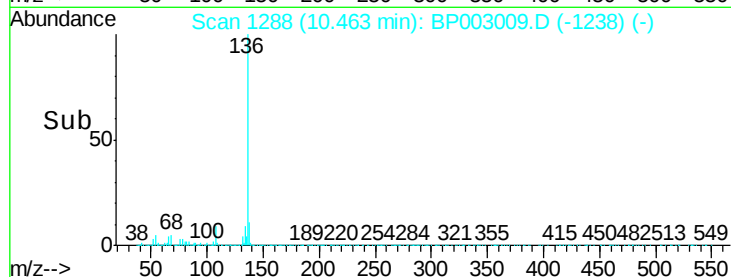
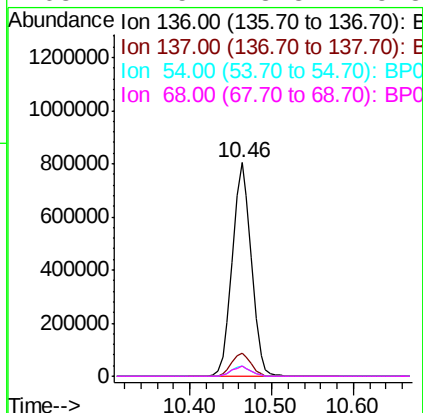
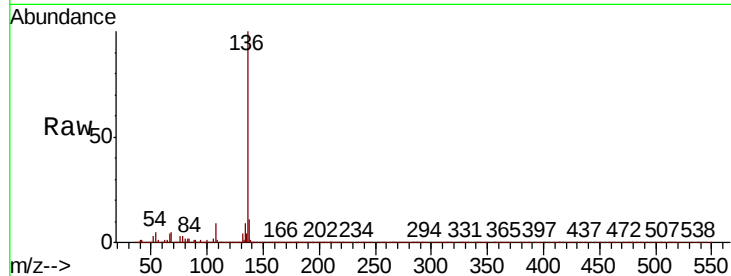
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BP003009.D
Acq: 17 Aug 2020 18:53

Instrument :
BNA_P
ClientSampleId :
S711-N-SO-0-0.5-081320-FD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	4.8	3.8	5.8
68	4.5	3.8	5.8

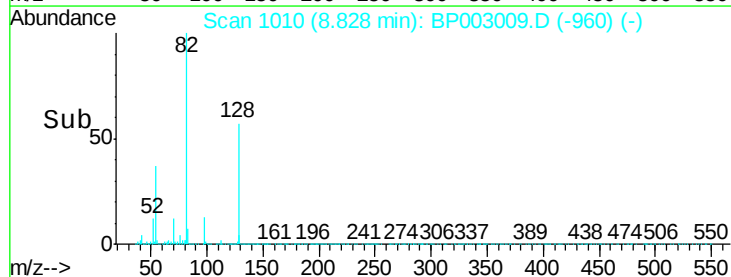
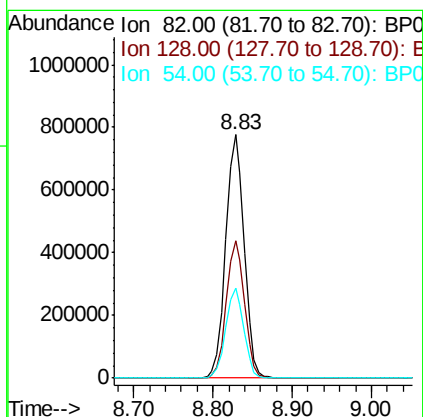
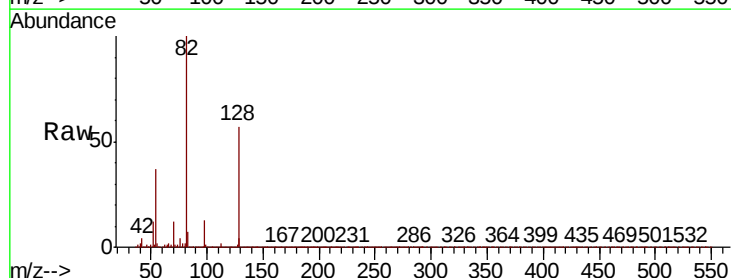
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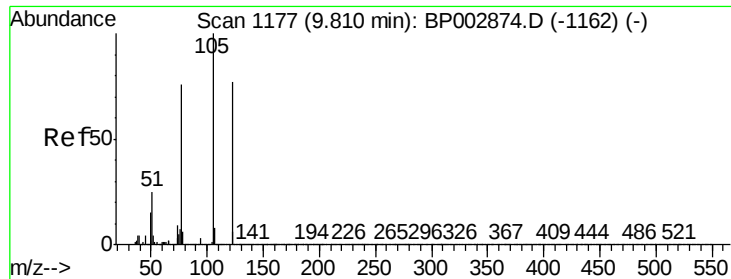
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#23
Nitrobenzene-d5
Concen: 52.048 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003009.D
Acq: 17 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
82	100		
128	56.6	45.1	67.7
54	36.8	28.8	43.2





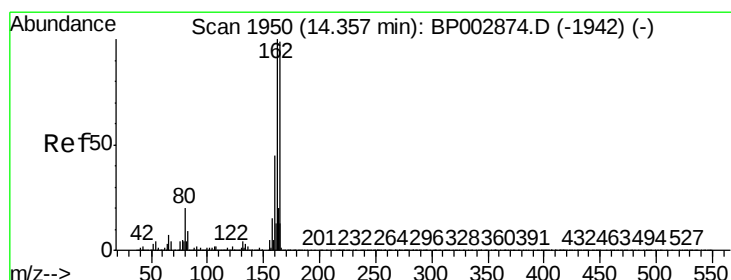
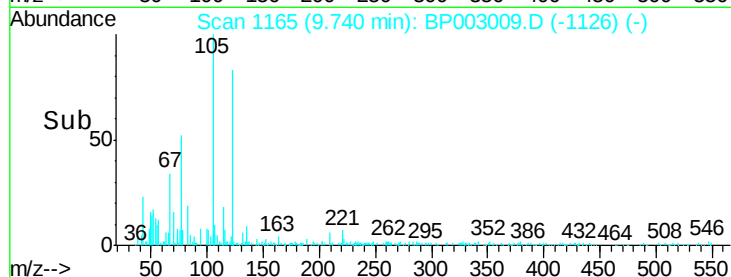
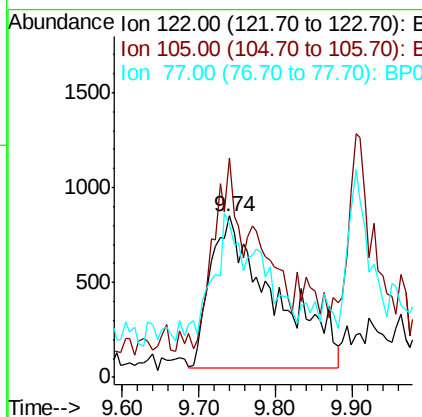
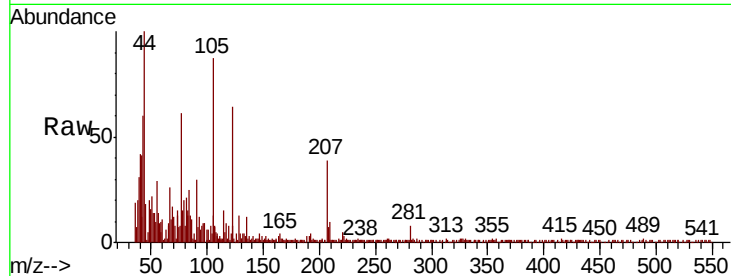
#32
Benzoic acid
Concen: 8.001 ng m
RT: 9.74 min Scan# 1165
Delta R.T. -0.07 min
Lab File: BP003009.D
Acq: 17 Aug 2020 18:53

Instrument :
BNA_P
ClientSampleId :
S711-N-SO-0-0.5-081320-FD

Tot Ion	Ratio	Lower	Upper
122	100		
105	136.1	96.2	136.2
77	95.1	55.6	95.6

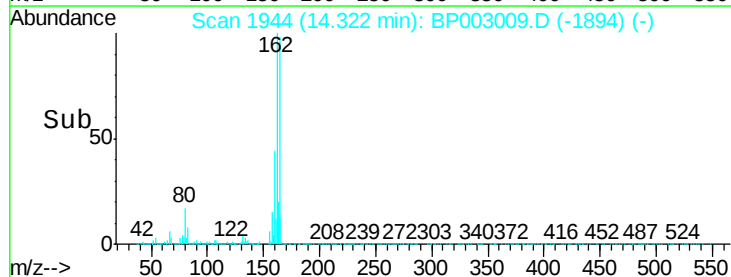
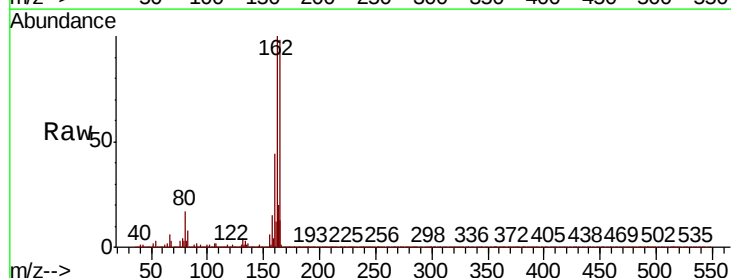
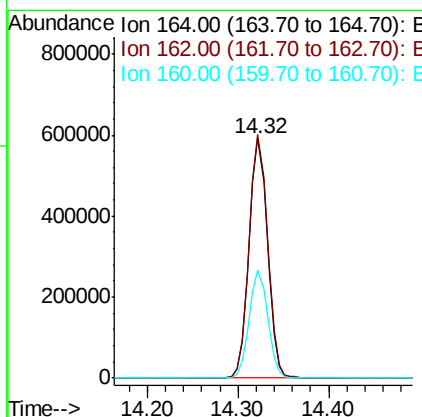
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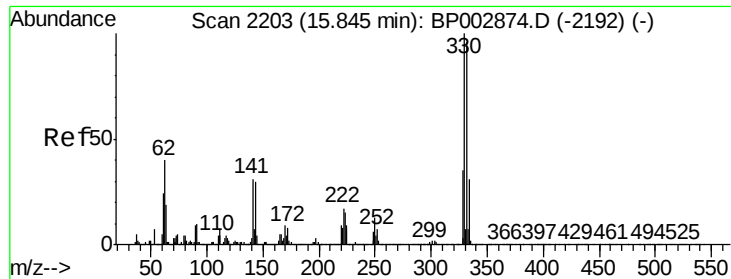
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BP003009.D
Acq: 17 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.4	122.0
160	45.0	35.5	53.3





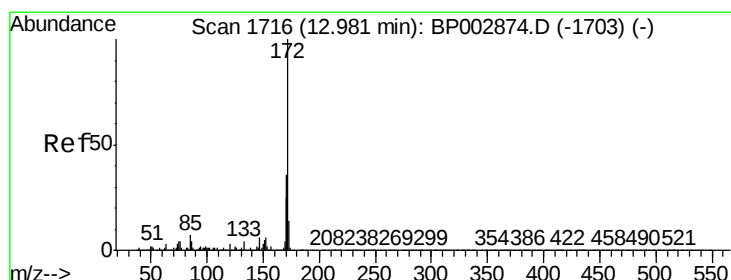
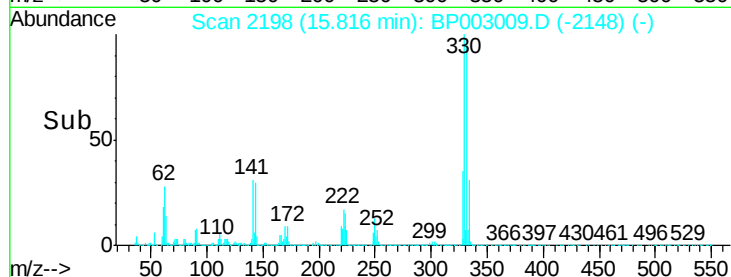
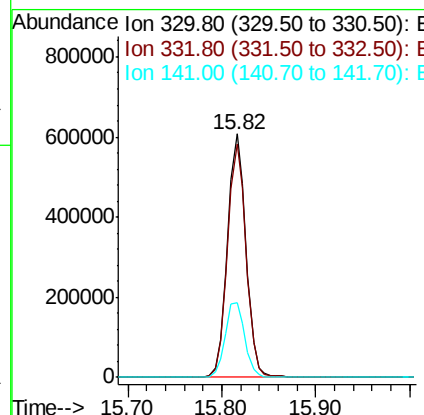
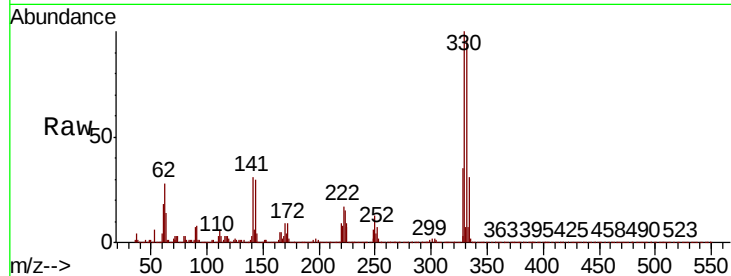
#42
2,4,6-Tribromophenol
Concen: 80.731 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP003009.D
Acq: 17 Aug 2020 18:53

Instrument :
BNA_P
ClientSampleId :
S711-N-SO-0-0.5-081320-FD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	835885		
332	96.6	77.0	115.6	
141	32.6	26.7	40.1	

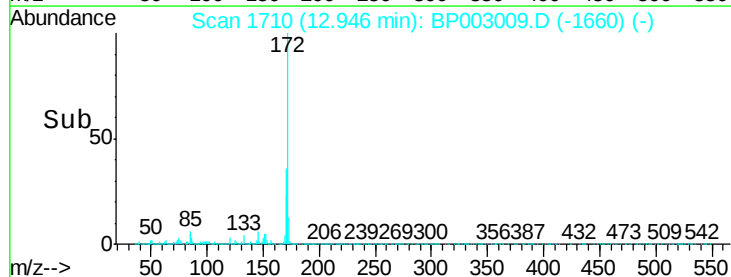
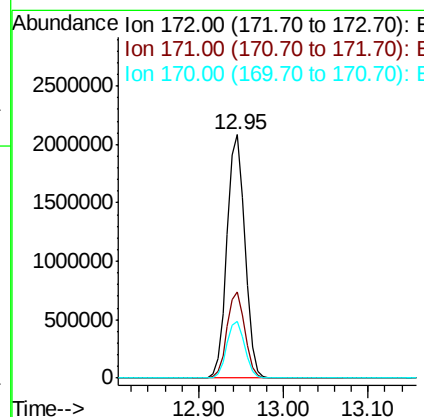
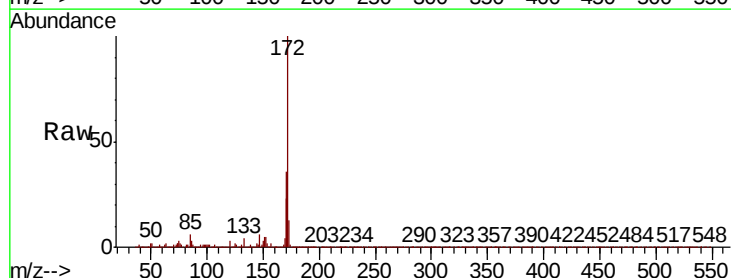
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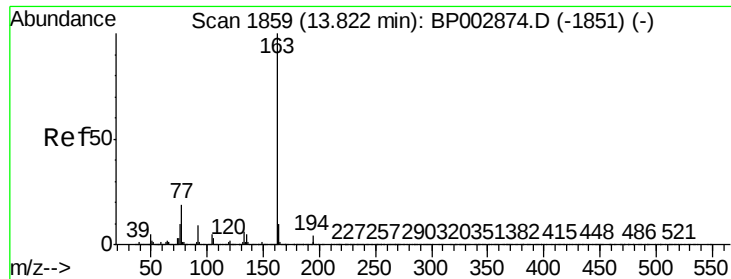
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#45
2-Fluorobiphenyl
Concen: 50.460 ng
RT: 12.95 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP003009.D
Acq: 17 Aug 2020 18:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3076616		
171	35.6	29.0	43.4	
170	23.4	19.1	28.7	





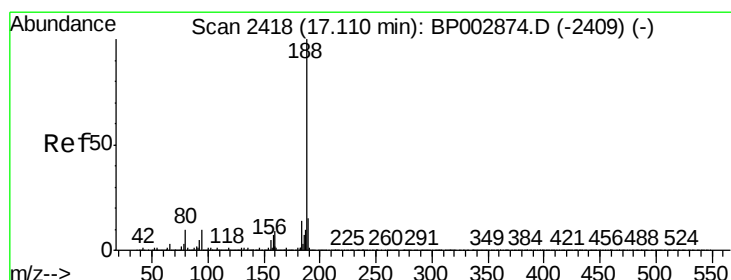
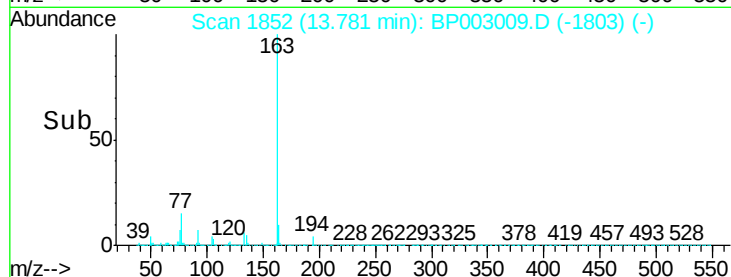
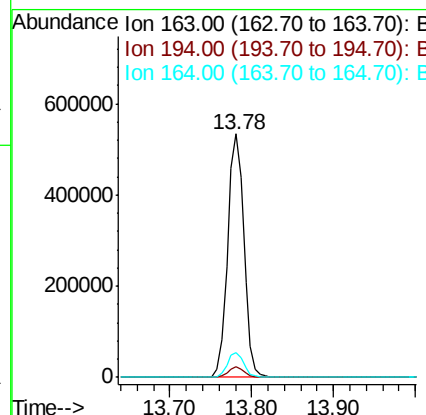
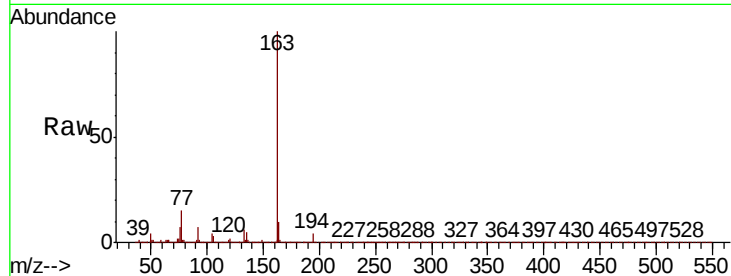
#50
Dimethylphthalate
Concen: 11.354 ng
RT: 13.78 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BP003009.D
Acq: 17 Aug 2020 18:53

Instrument :
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Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	9.9	8.1	12.1

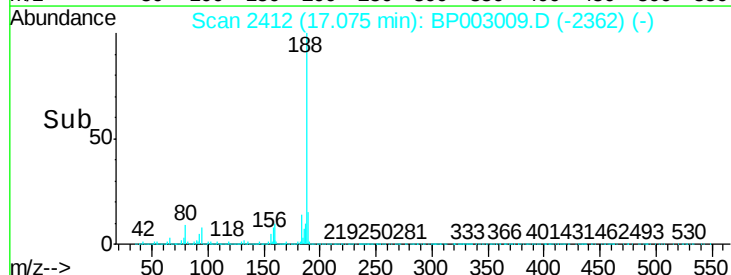
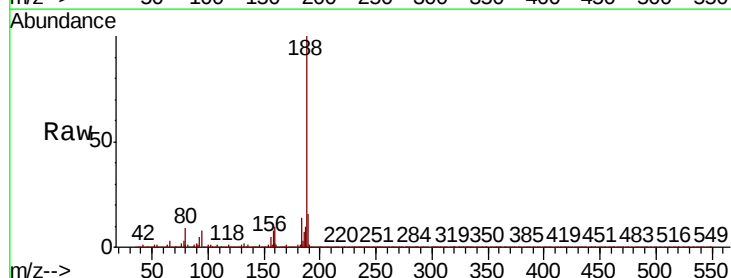
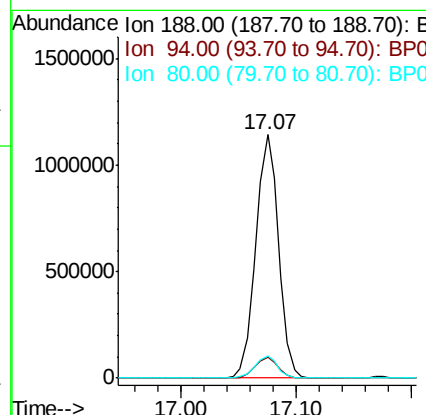
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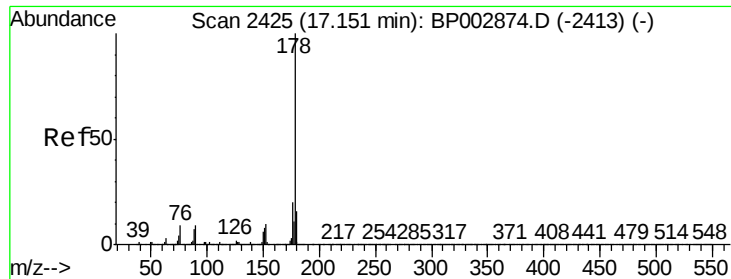
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP003009.D
Acq: 17 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.1	10.7
80	8.9	6.7	10.1





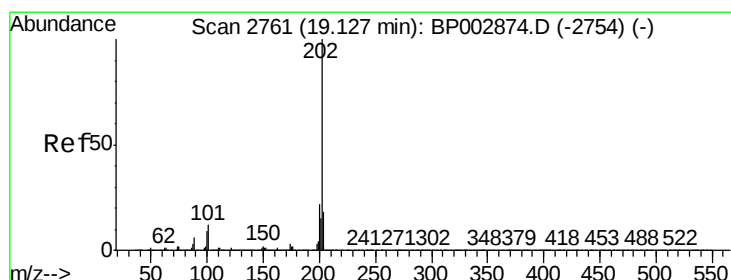
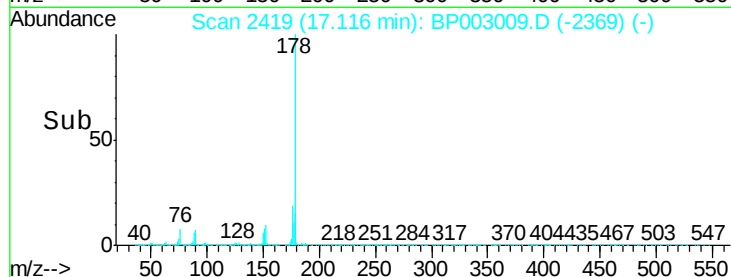
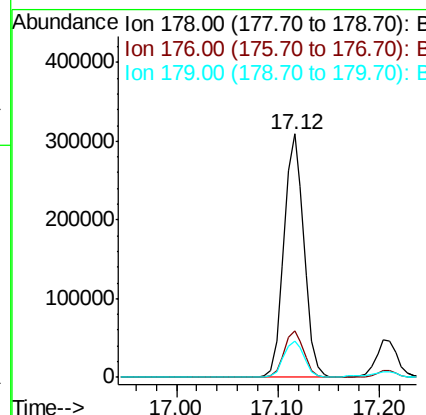
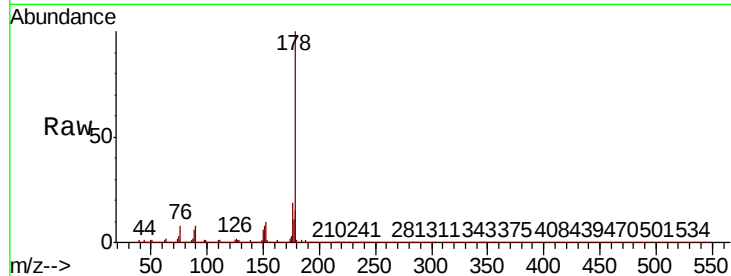
#71
Phenanthrene
Concen: 4.625 ng
RT: 17.12 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BP003009.D
Acq: 17 Aug 2020 18:53

Instrument :
BNA_P
ClientSampleId :
S711-N-SO-0-0.5-081320-FD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	14.7	12.9	19.3

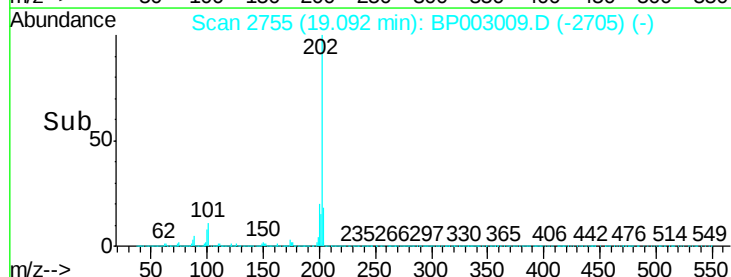
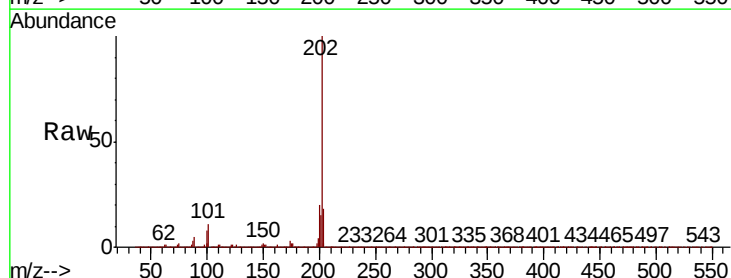
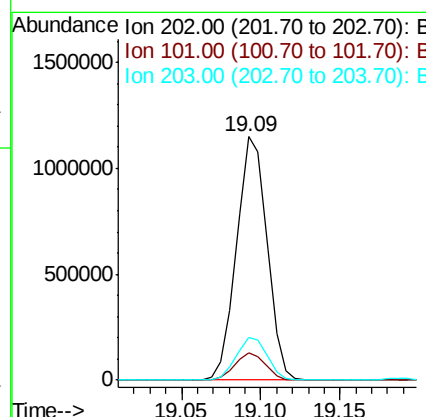
Manual Integrations
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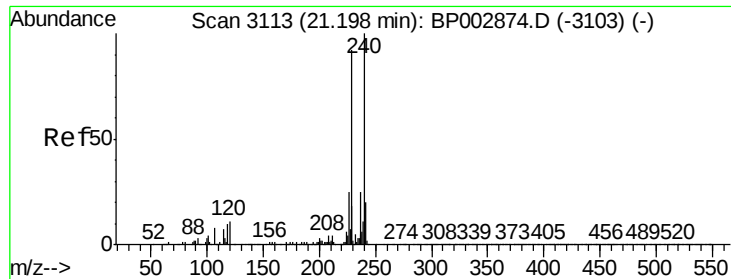
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#75
Fluoranthene
Concen: 14.454 ng
RT: 19.09 min Scan# 2755
Delta R.T. -0.01 min
Lab File: BP003009.D
Acq: 17 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.2
203	17.6	0.0	38.4





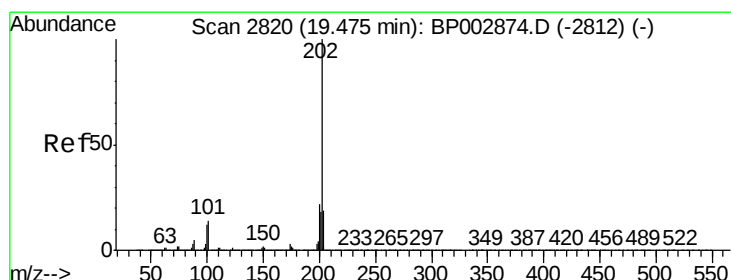
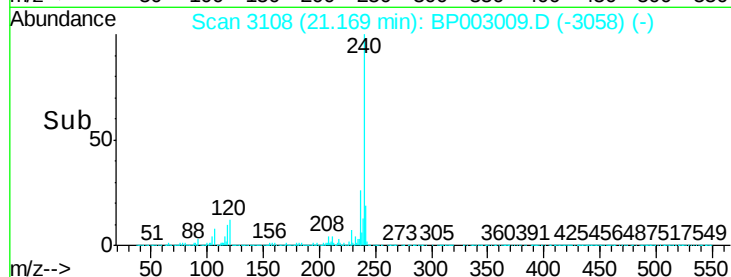
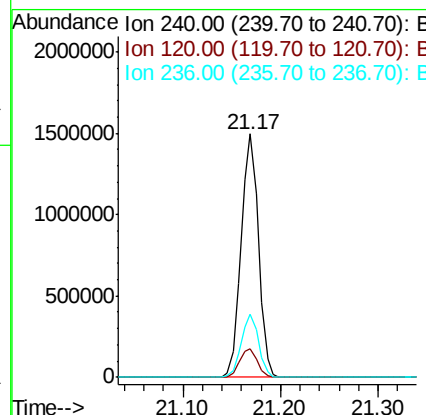
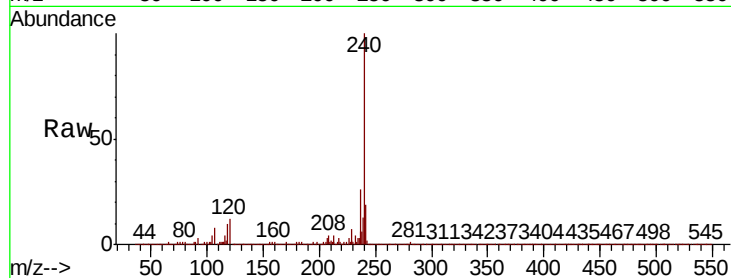
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP003009.D
Acq: 17 Aug 2020 18:53

Instrument :
BNA_P
ClientSampleId :
S711-N-SO-0-0.5-081320-FD

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	25.9	20.8	31.2

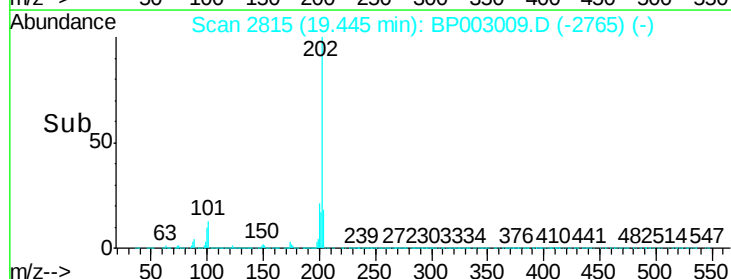
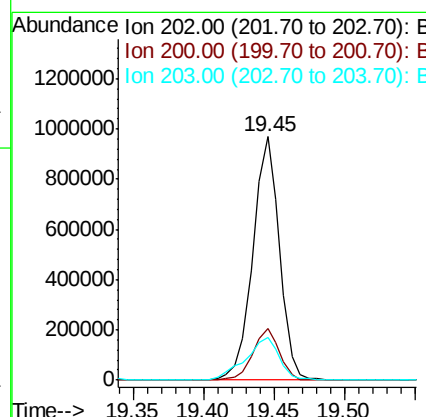
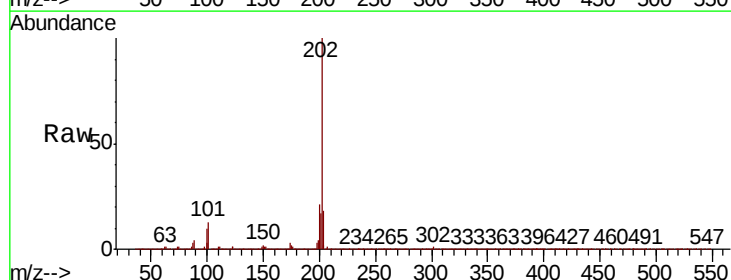
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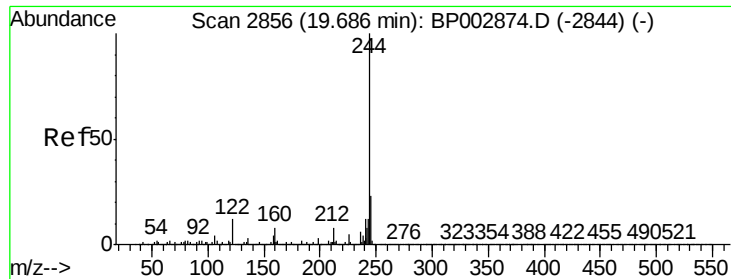
mohammad
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#78
Pyrene
Concen: 9.976 ng
RT: 19.45 min Scan# 2815
Delta R.T. -0.01 min
Lab File: BP003009.D
Acq: 17 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.8	26.6
203	17.7	14.6	22.0





#79

Terphenyl-d14

Concen: 44.480 ng

RT: 19.65 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BP003009.D

Acq: 17 Aug 2020 18:53

Instrument :

BNA_P

ClientSampleId :

S711-N-SO-0-0.5-081320-FD

Tot Ion:244 Resp: 4082452

Ion Ratio Lower Upper

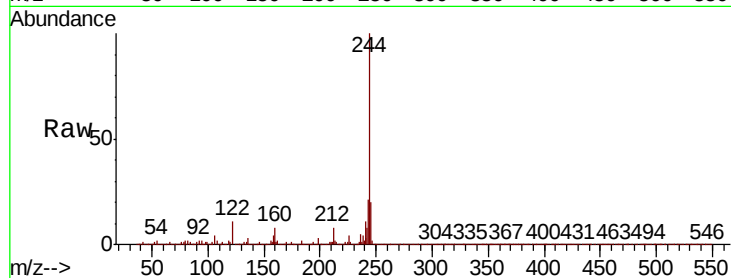
244 100

212 7.6 6.3 9.5

122 11.5 8.7 13.1

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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.65

4000000

3000000

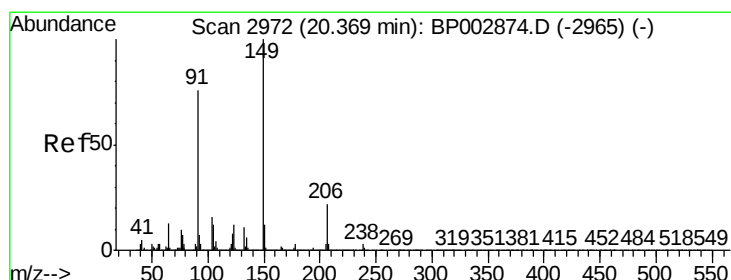
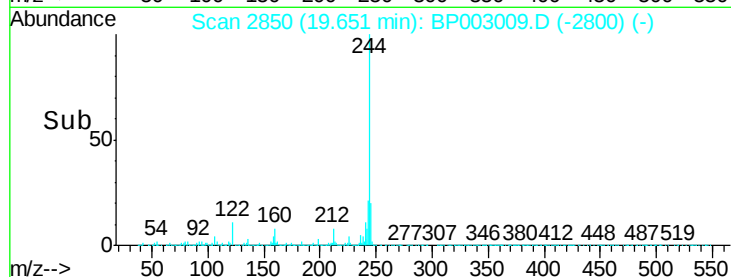
2000000

1000000

0

Time-->

19.50 19.60 19.70 19.80



#80

Butylbenzylphthalate

Concen: 3.191 ng

RT: 20.33 min Scan# 2966

Delta R.T. -0.01 min

Lab File: BP003009.D

Acq: 17 Aug 2020 18:53

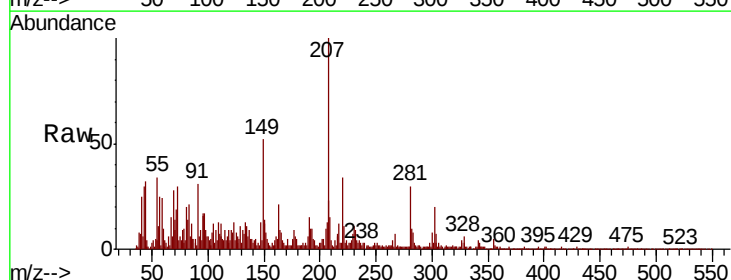
Tgt Ion:149 Resp: 7414

Ion Ratio Lower Upper

149 100

91 58.4 45.3 67.9

206 24.1 17.5 26.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

12000

10000

8000

6000

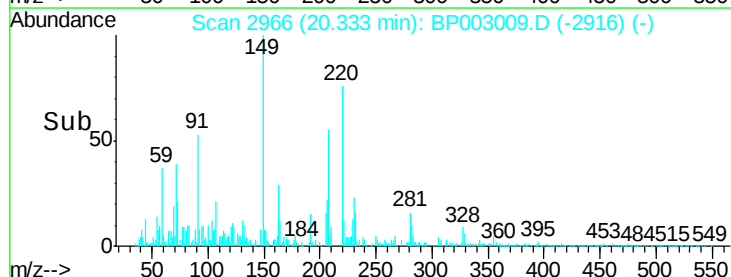
4000

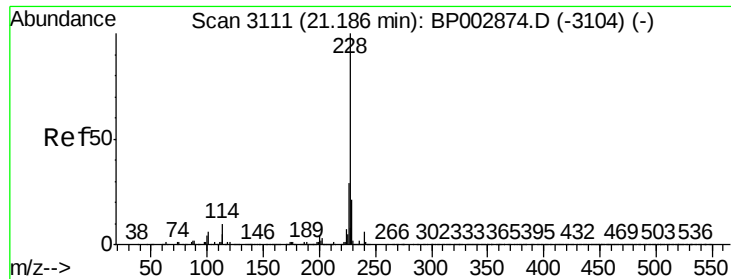
2000

0

Time-->

20.30 20.35





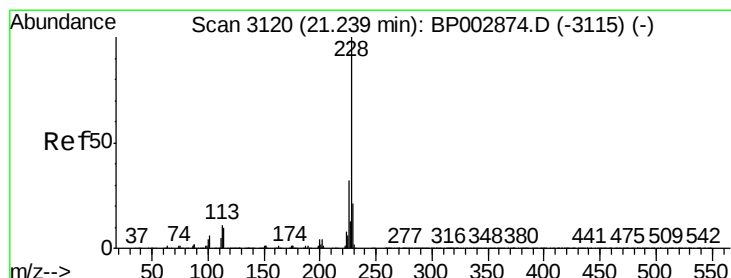
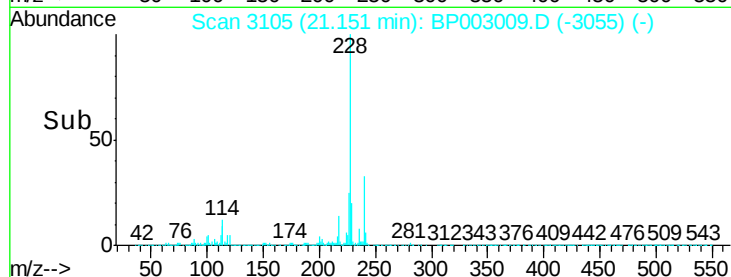
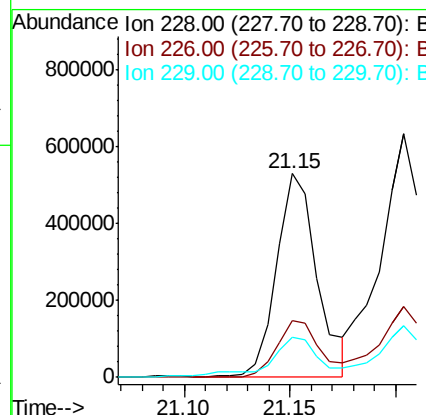
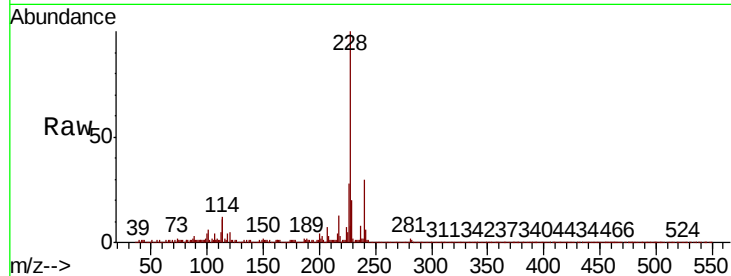
#81
Benzo(a)anthracene
Concen: 5.597 ng
RT: 21.15 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BP003009.D
Acq: 17 Aug 2020 18:53

Instrument :
BNA_P
ClientSampleId :
S711-N-SO-0-0.5-081320-FD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	19.9	16.5	24.7

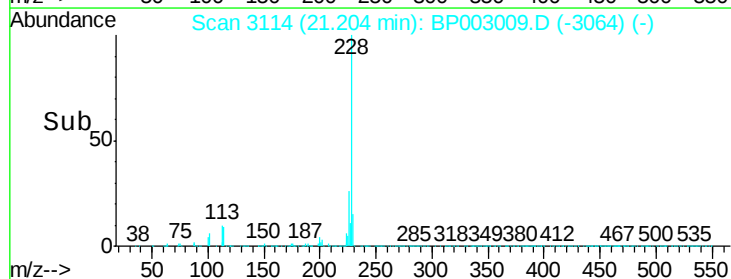
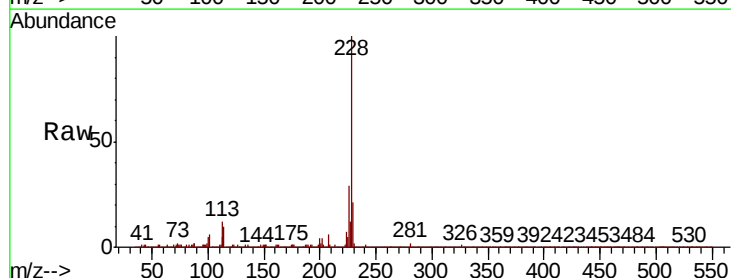
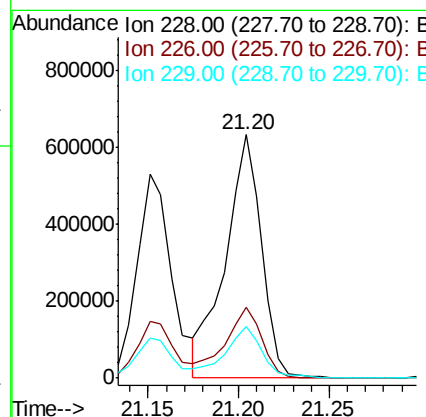
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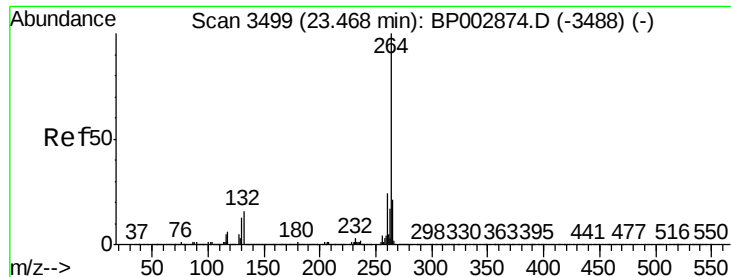
mohammad
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#83
Chrysene
Concen: 7.349 ng
RT: 21.20 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BP003009.D
Acq: 17 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.9	37.3
229	21.0	16.3	24.5





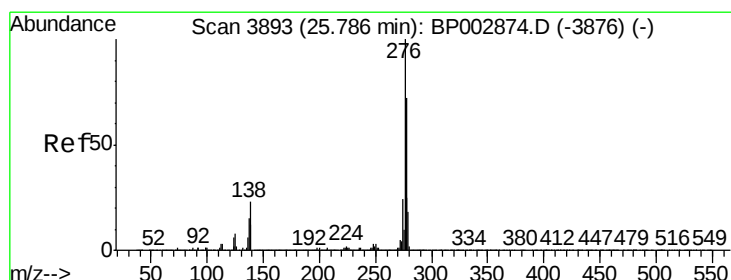
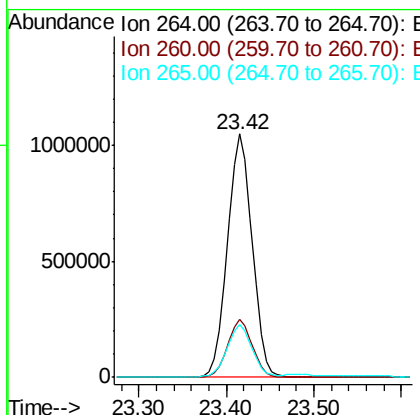
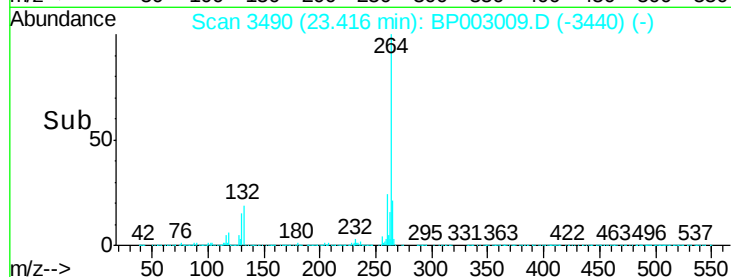
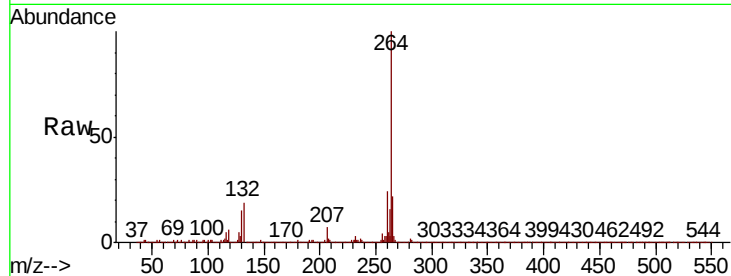
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3490
Delta R.T. -0.01 min
Lab File: BP003009.D
Acq: 17 Aug 2020 18:53

Instrument :
BNA_P
ClientSampleId :
S711-N-SO-0-0.5-081320-FD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.7	17.3	25.9

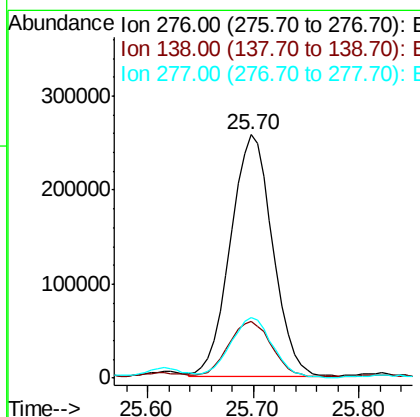
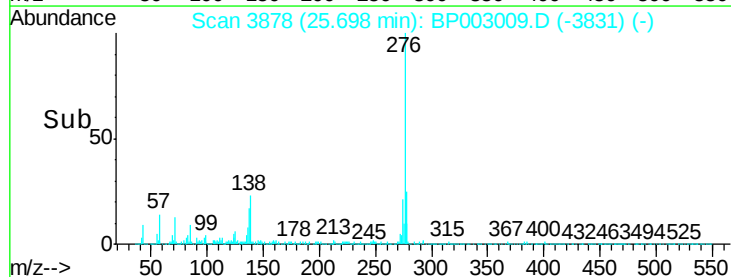
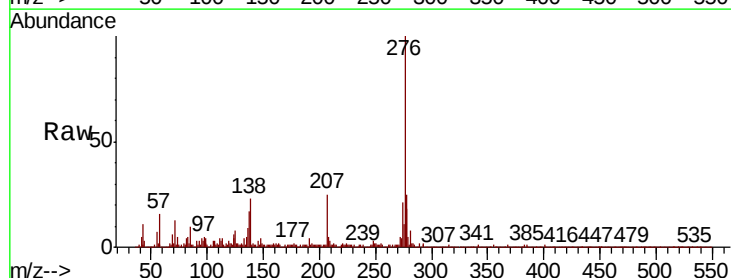
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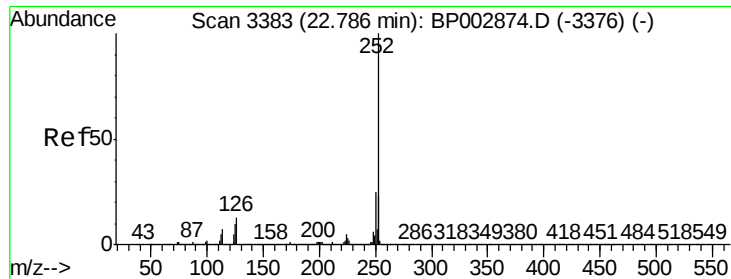
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#87
Indeno(1,2,3-cd)pyrene
Concen: 4.371 ng
RT: 25.70 min Scan# 3878
Delta R.T. -0.02 min
Lab File: BP003009.D
Acq: 17 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	22.2	33.2
277	24.7	20.4	30.6





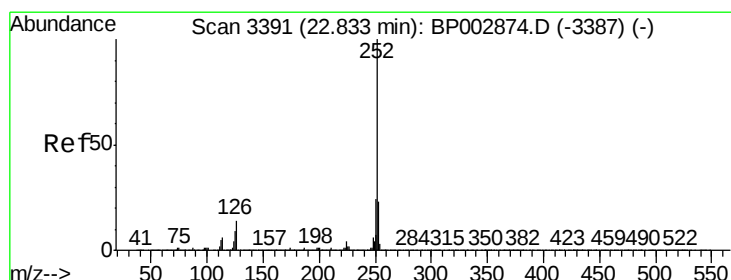
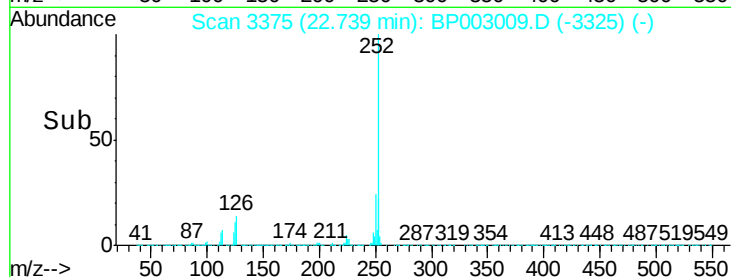
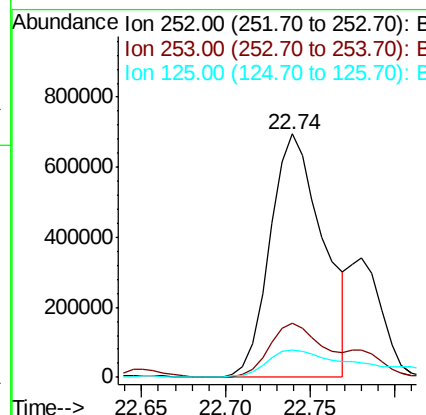
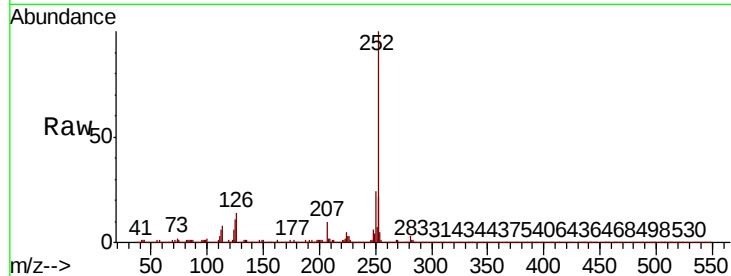
#88
Benzo(b)fluoranthene
Concen: 10.583 ng
RT: 22.74 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BP003009.D
Acq: 17 Aug 2020 18:53

Instrument :
BNA_P
ClientSampleId :
S711-N-SO-0-0.5-081320-FD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	11.4	9.4	14.2

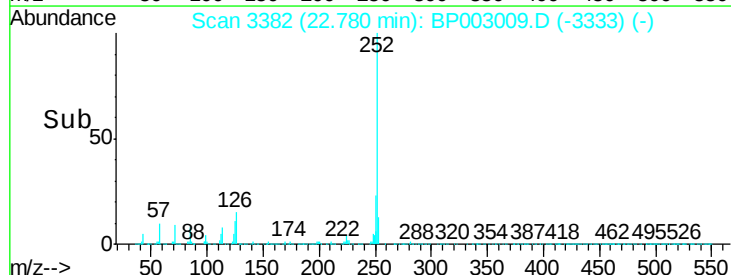
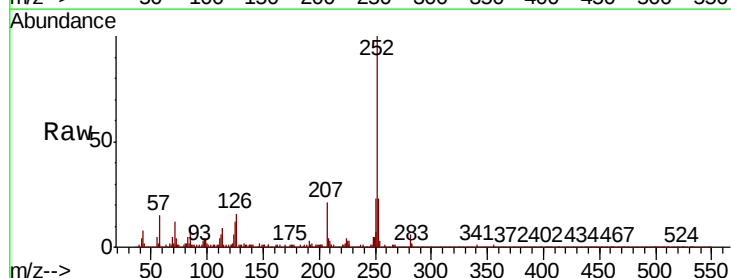
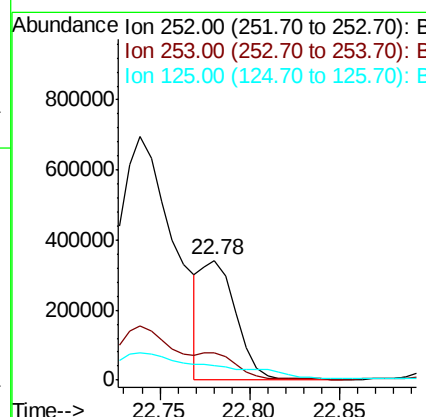
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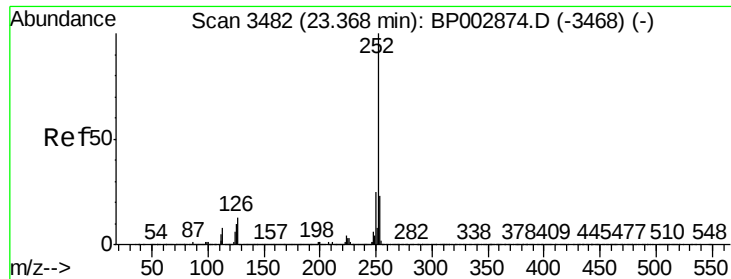
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#89
Benzo(k)fluoranthene
Concen: 3.366 ng m
RT: 22.78 min Scan# 3382
Delta R.T. -0.01 min
Lab File: BP003009.D
Acq: 17 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	12.5	9.3	13.9





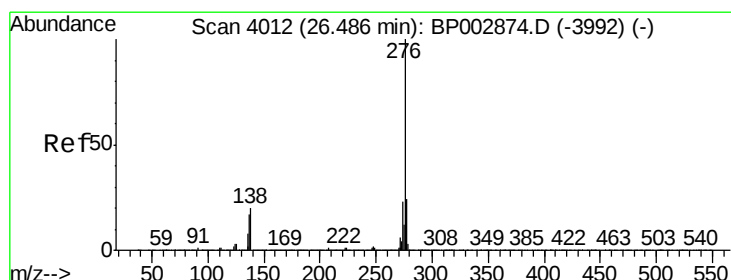
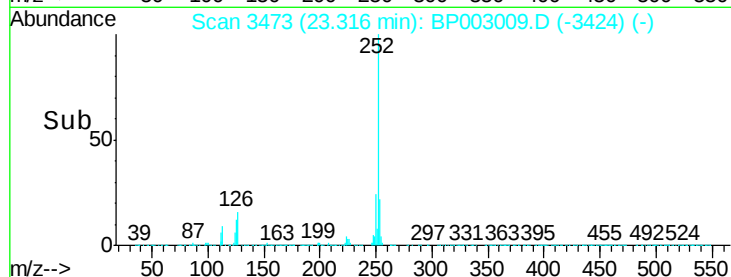
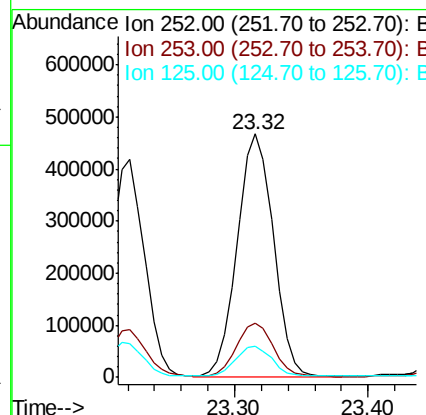
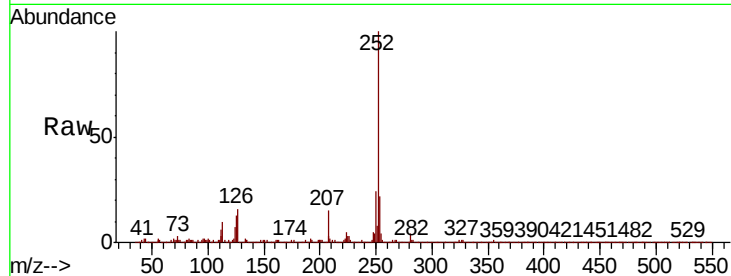
#90
Benzo(a)pyrene
Concen: 6.823 ng
RT: 23.32 min Scan# 3473
Delta R.T. -0.01 min
Lab File: BP003009.D
Acq: 17 Aug 2020 18:53

Instrument :
BNA_P
ClientSampleId :
S711-N-SO-0-0.5-081320-FD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	12.8	9.9	14.9

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 5.415 ng
RT: 26.40 min Scan# 3997
Delta R.T. -0.02 min
Lab File: BP003009.D
Acq: 17 Aug 2020 18:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	23.2	19.3	28.9

