

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
 Data File : BP003010.D
 Acq On : 17 Aug 2020 19:27
 Operator : CG/JU
 Sample : L3691-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S708-N-SO-0-0.5-081320

Manual Integrations
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Quant Time: Aug 18 03:01:12 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	392635	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1317123	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	732473	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1699599	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1665032	20.00	ng	0.00
86) Perylene-d12	23.42	264	1802846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1702275	66.35	ng	0.00
7) Phenol-d6	6.86	99	1994632	56.00	ng	0.00
23) Nitrobenzene-d5	8.83	82	1162876	47.82	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	680994	74.80	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	2401619	44.80	ng	0.00
79) Terphenyl-d14	19.65	244	2831996	34.05	ng	0.00
Target Compounds						
10) Phenol	6.89	94	81202	2.264	ng	94
50) Dimethylphthalate	13.78	163	540274	9.431	ng	100
71) Phenanthrene	17.12	178	1064320	10.679	ng	99
75) Fluoranthene	19.09	202	1880191	16.374	ng	98
78) Pyrene	19.45	202	1590243	13.662	ng	98
80) Butylbenzylphthalate	20.33	149	5275	3.162	ng	96
81) Benzo(a)anthracene	21.15	228	833933	7.353	ng	99
83) Chrysene	21.20	228	867049	8.104	ng	97
87) Indeno(1,2,3-cd)pyrene	25.70	276	619859	4.293	ng	95
88) Benzo(b)fluoranthene	22.74	252	1353886m	10.642	ng	
89) Benzo(k)fluoranthene	22.78	252	442019m	3.676	ng	
90) Benzo(a)pyrene	23.32	252	844698	7.348	ng	99
92) Benzo(a,h,i)perylene	26.39	276	624575	5.256	ng	100

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

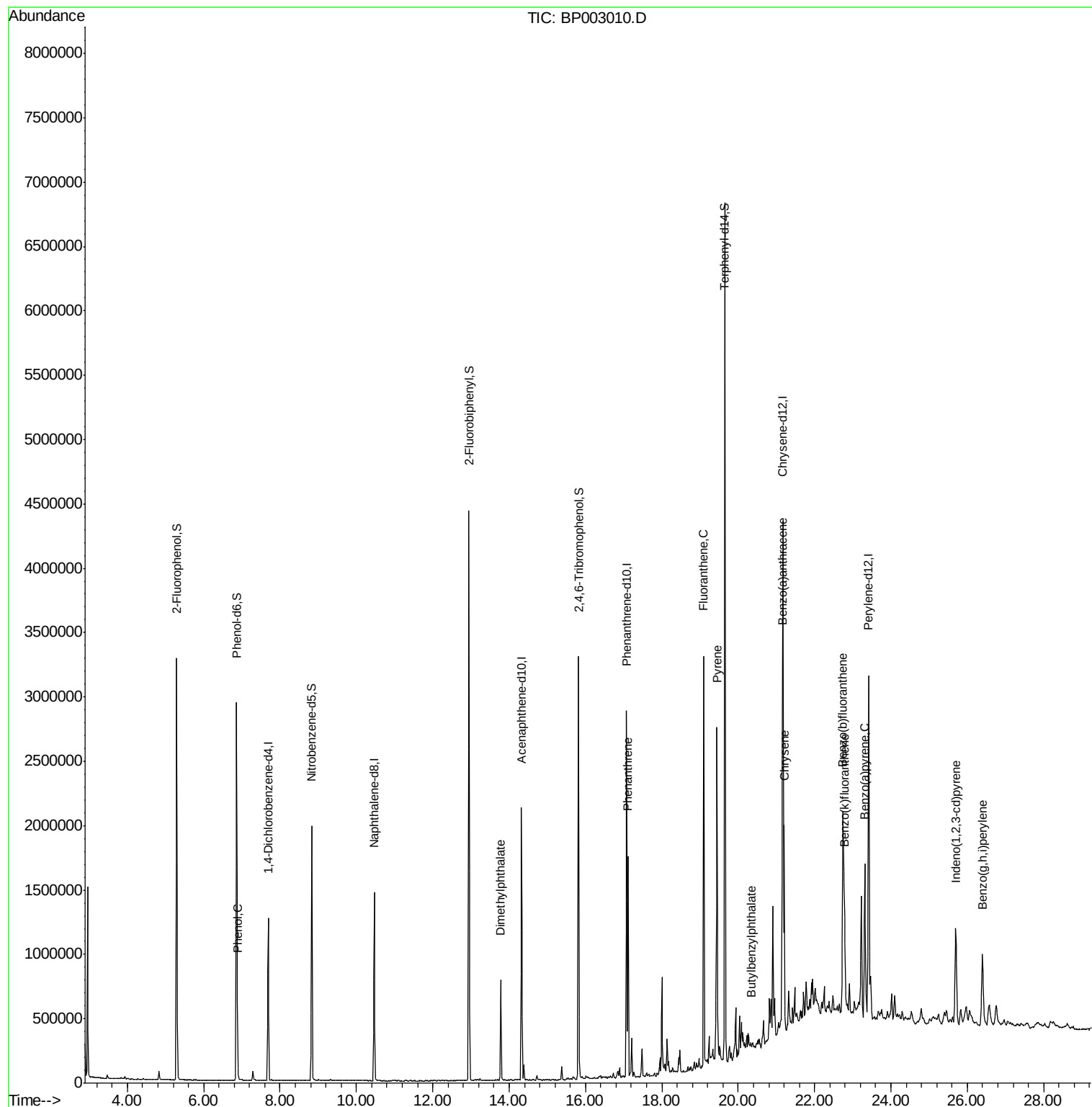
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
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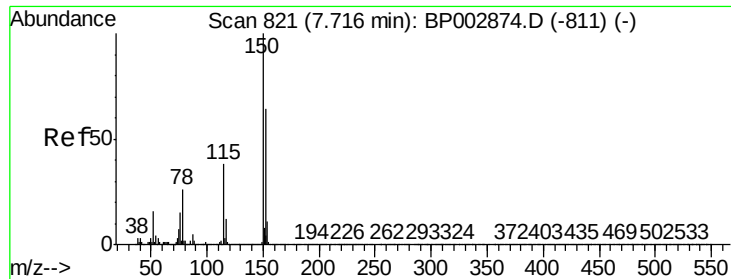
Instrument :
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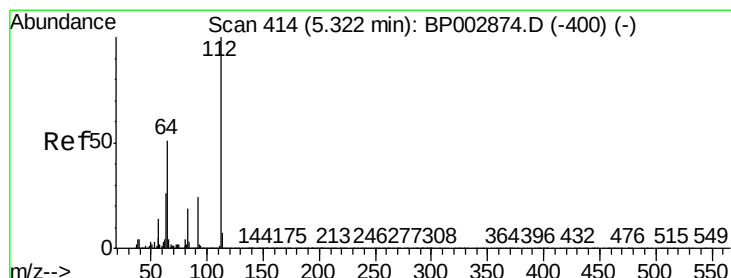
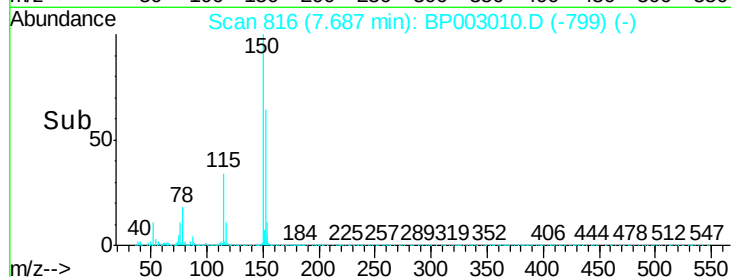
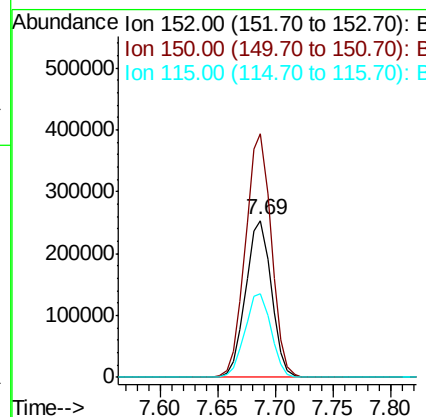
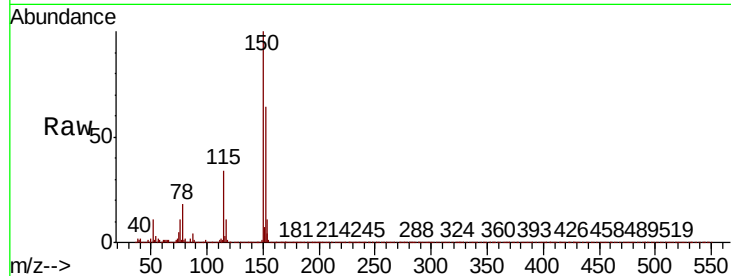
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 816
Delta R.T. 0.00 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	126.1	189.1
115	53.4	43.4	65.2

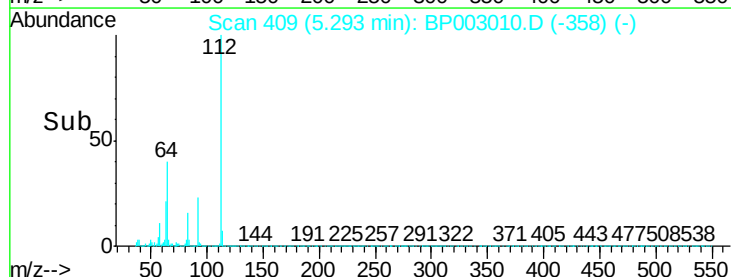
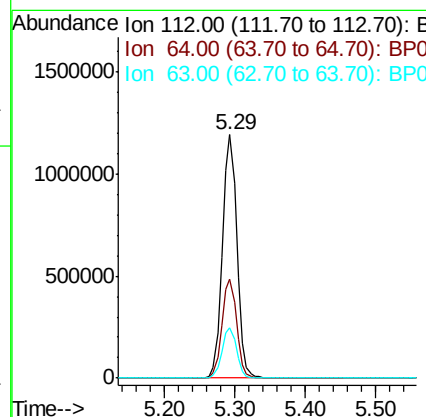
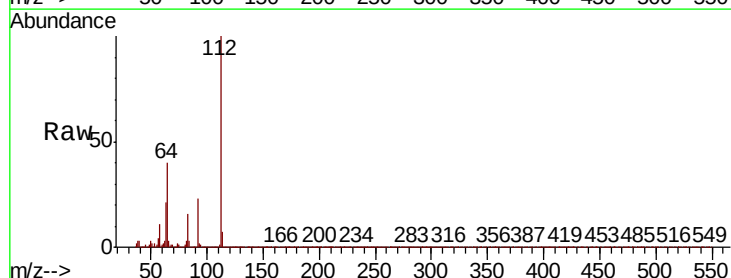
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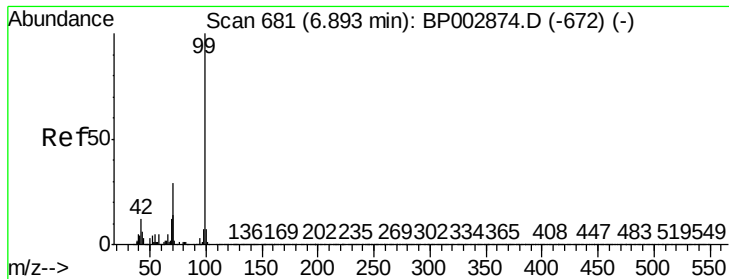
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#5
2-Fluorophenol
Concen: 66.355 ng
RT: 5.29 min Scan# 409
Delta R.T. 0.00 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	40.4	33.4	50.2
63	20.5	17.4	26.0





#7

Phenol-d6

Concen: 56.002 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003010.D

Acq: 17 Aug 2020 19:27

Instrument :

BNA_P

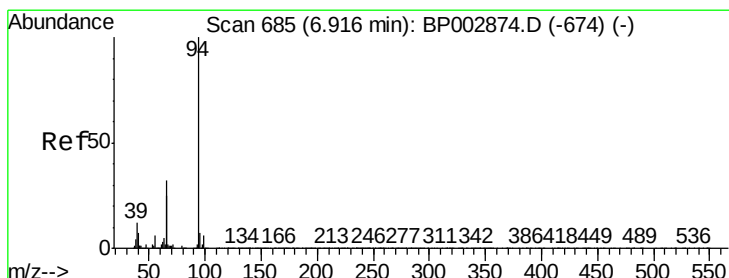
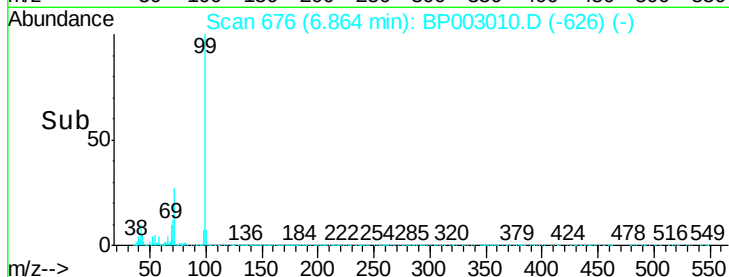
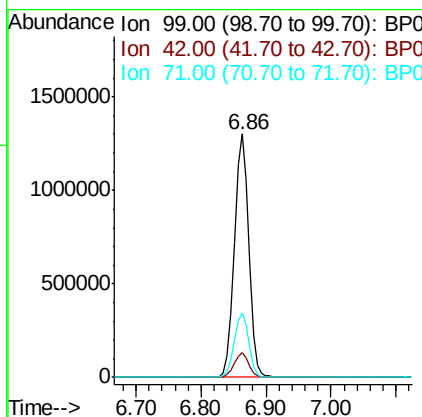
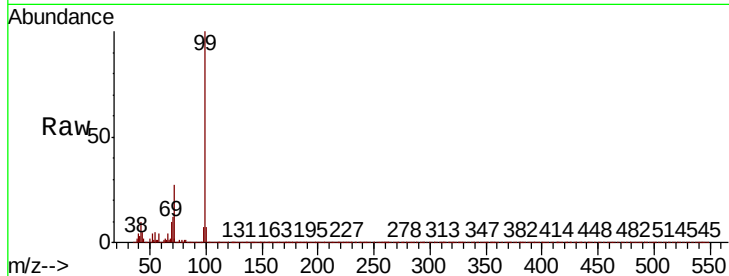
ClientSampleId :

S708-N-SO-0-0.5-081320

Tot Ion:	99	Resp:	1994632
Ion	Ratio	Lower	Upper
99	100		
42	9.9	8.0	12.0
71	26.7	21.3	31.9

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#10

Phenol

Concen: 2.264 ng

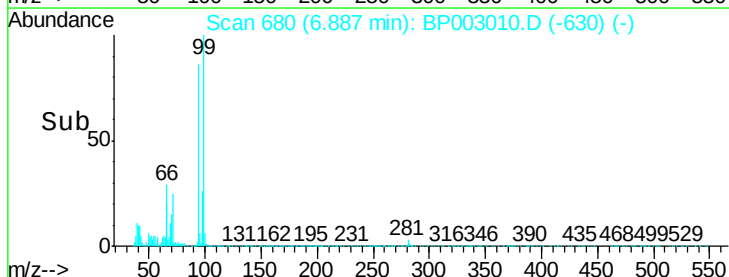
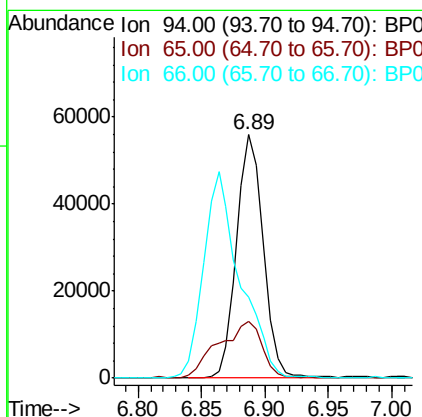
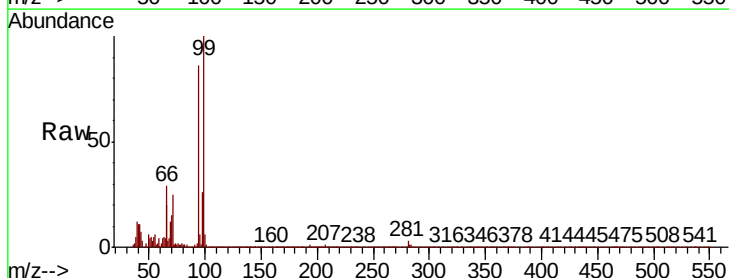
RT: 6.89 min Scan# 680

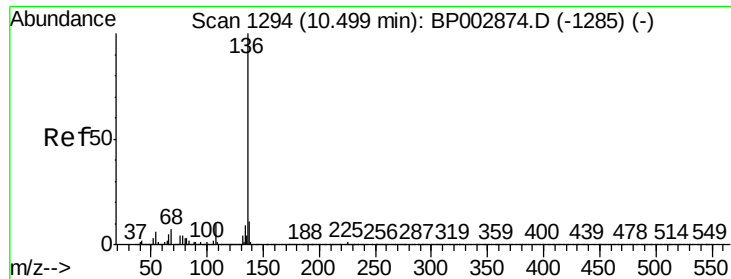
Delta R.T. -0.01 min

Lab File: BP003010.D

Acq: 17 Aug 2020 19:27

Tgt Ion:	94	Resp:	81202
Ion	Ratio	Lower	Upper
94	100		
65	23.2	1.7	41.7
66	33.3	8.6	48.6





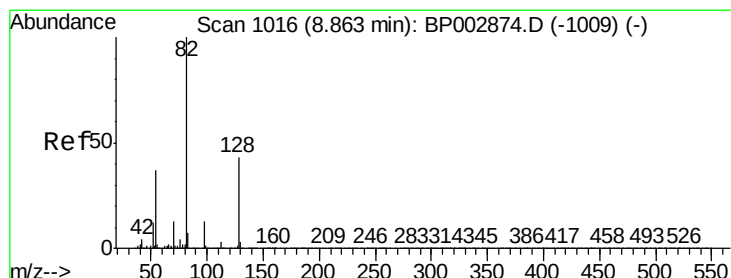
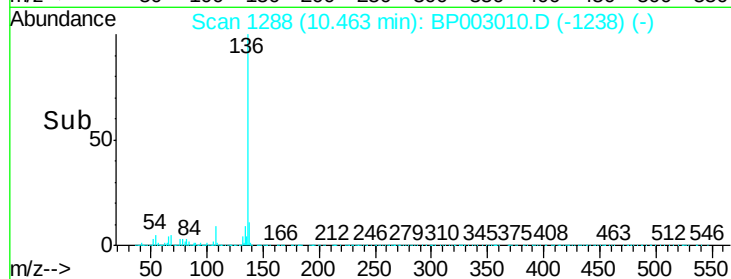
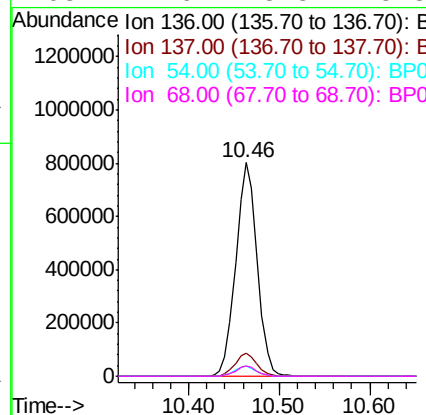
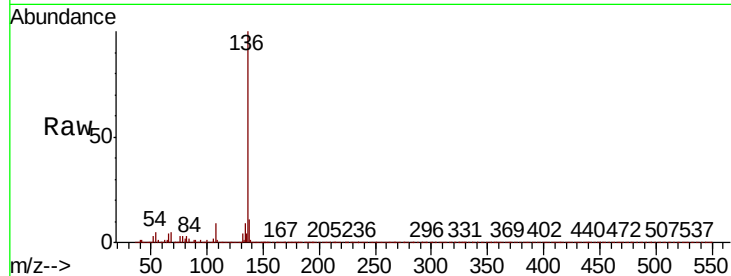
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	4.8	3.8	5.8
68	4.6	3.8	5.8

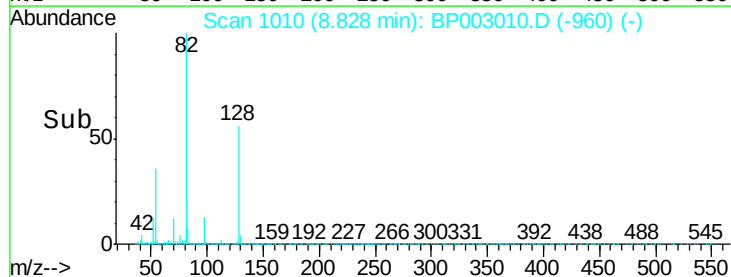
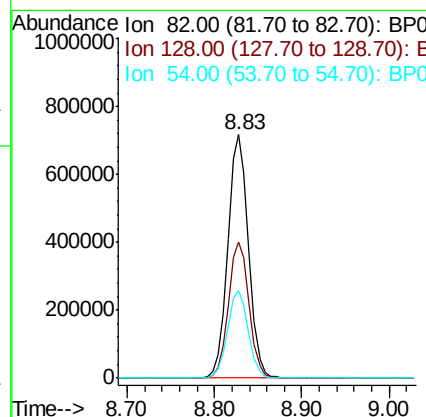
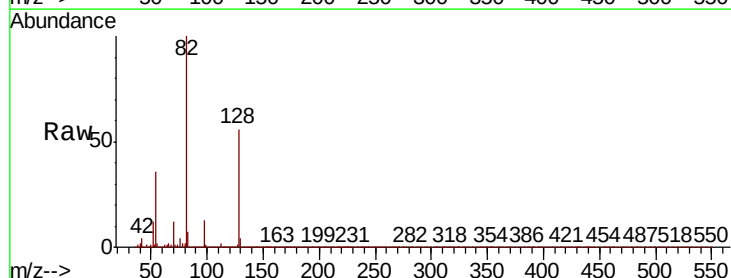
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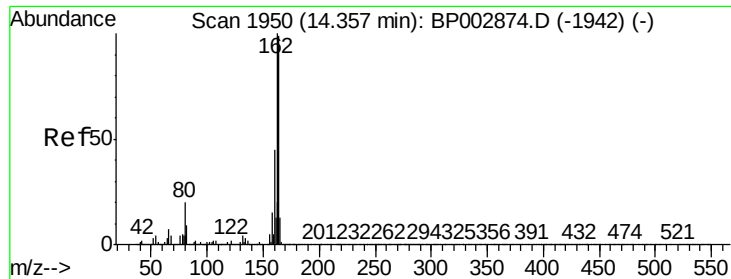
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#23
Nitrobenzene-d5
Concen: 47.819 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion	Ratio	Lower	Upper
82	100		
128	56.2	45.1	67.7
54	35.8	28.8	43.2





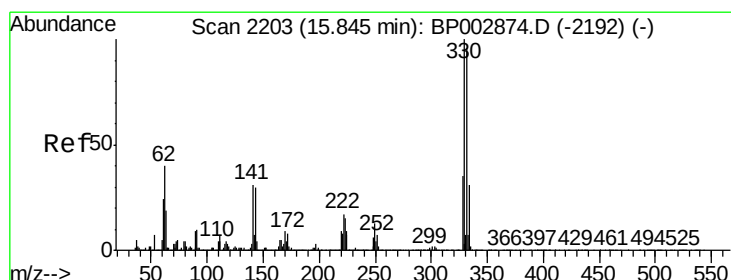
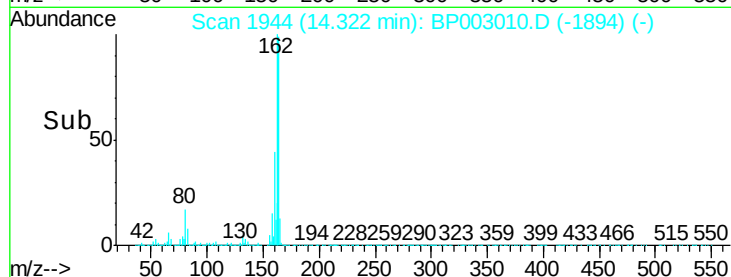
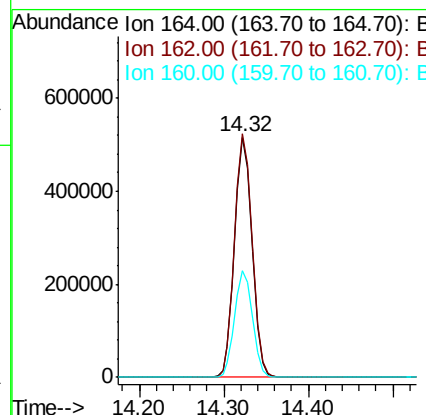
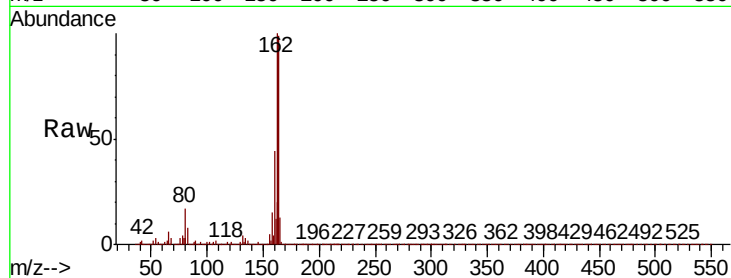
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.3	81.4	122.0	
160	44.5	35.5	53.3	

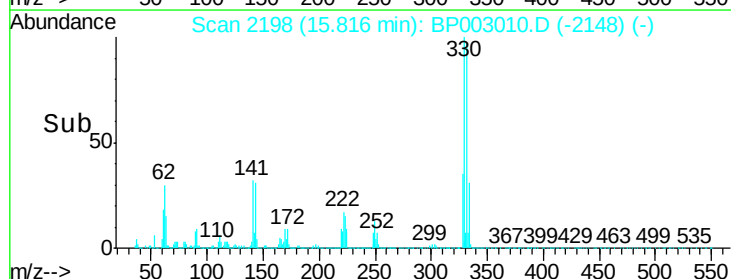
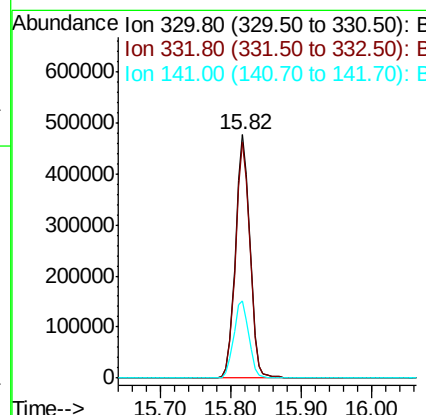
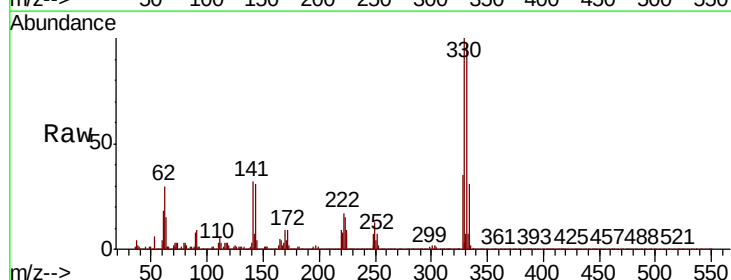
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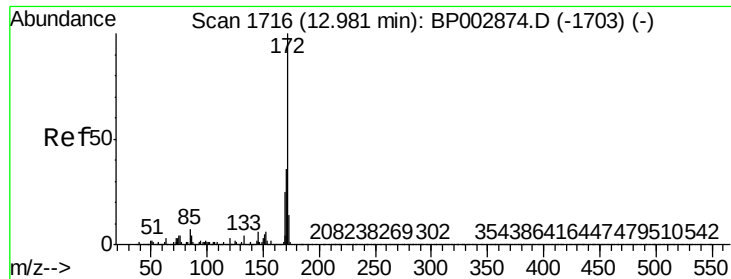
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#42
2,4,6-Tribromophenol
Concen: 74.803 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP003010.D
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	77.0	115.6	
141	33.1	26.7	40.1	





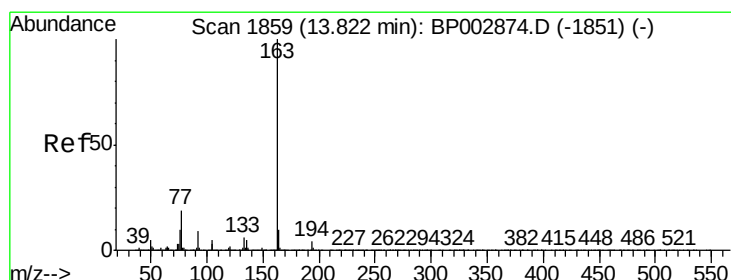
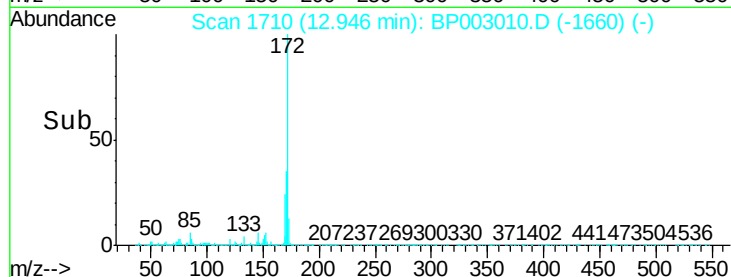
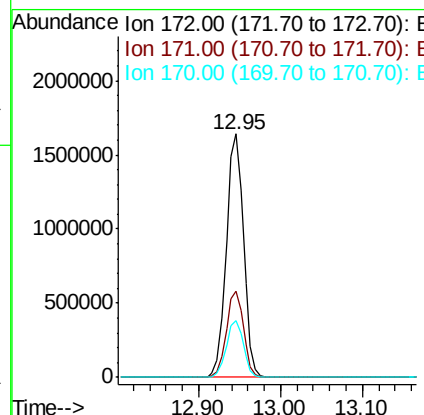
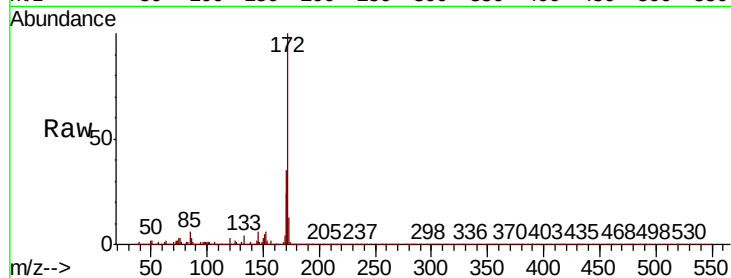
#45
2-Fluorobiphenyl
Concen: 44.798 ng
RT: 12.95 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.4
170	23.5	19.1	28.7

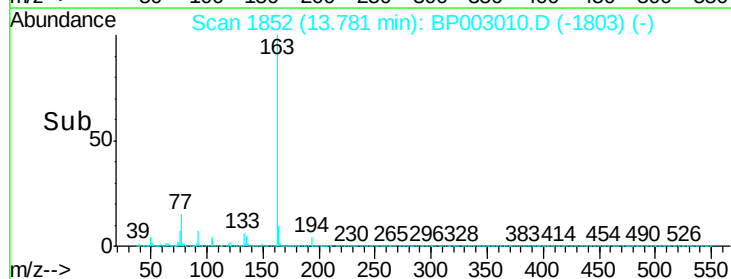
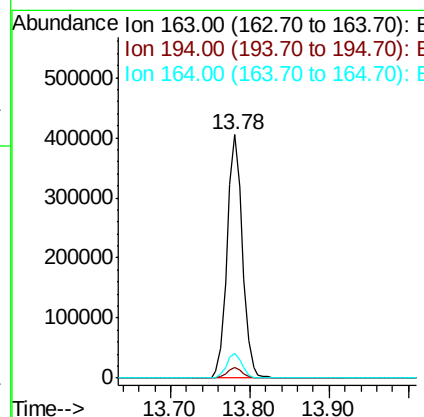
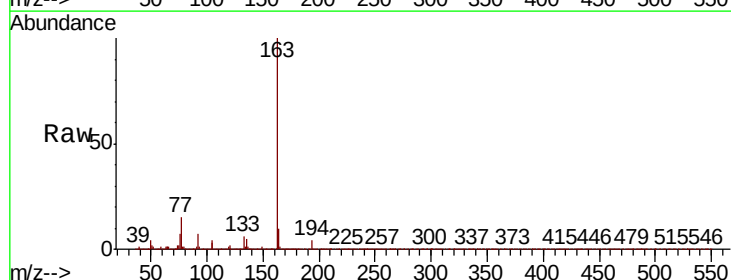
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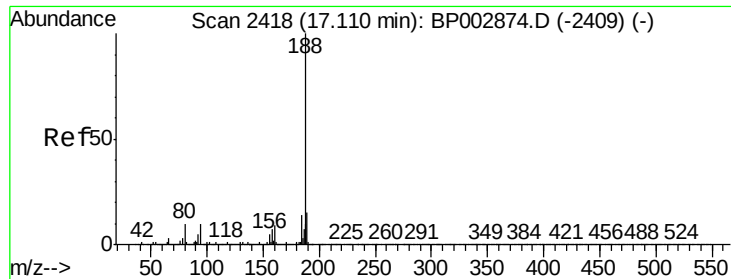
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#50
Dimethylphthalate
Concen: 9.431 ng
RT: 13.78 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.2	8.1	12.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BP003010.D

Acq: 17 Aug 2020 19:27

Instrument :

BNA_P

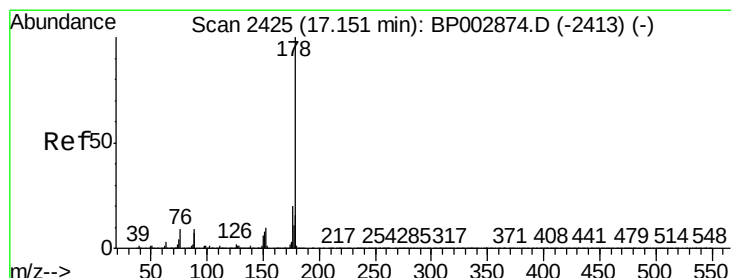
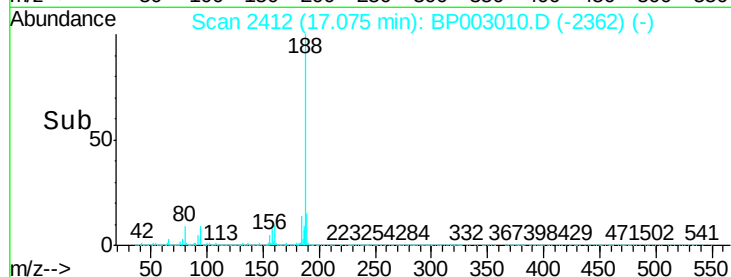
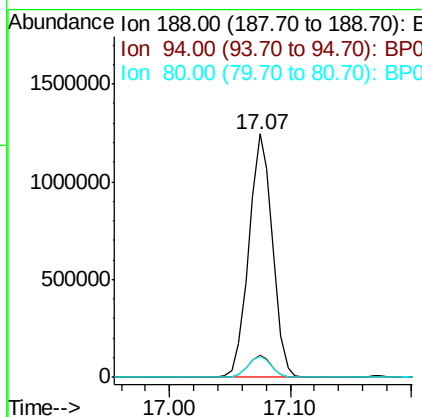
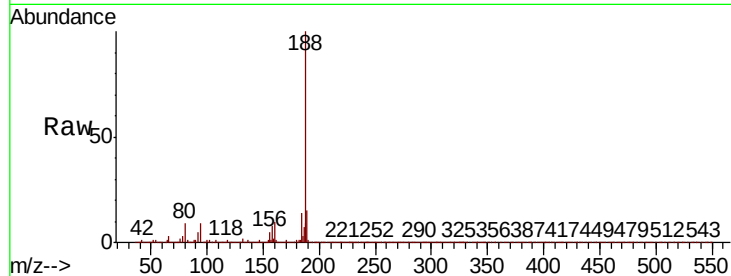
ClientSampleId :

S708-N-SO-0-0.5-081320

Tot Ion:188	Resp: 1699599
Ion Ratio	Lower Upper
188 100	
94 8.9	7.1 10.7
80 8.6	6.7 10.1

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#71

Phenanthrene

Concen: 10.679 ng

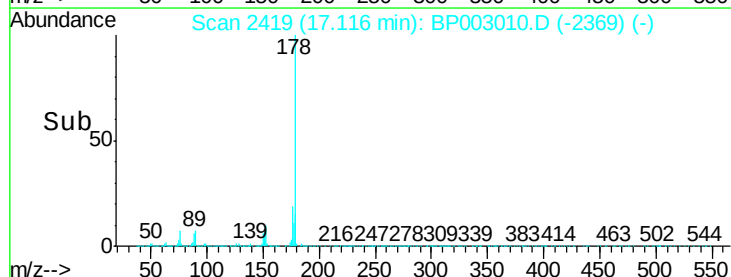
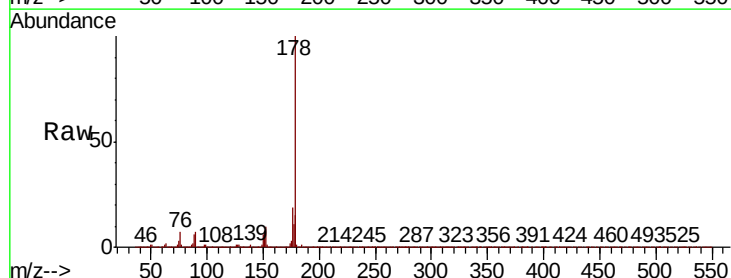
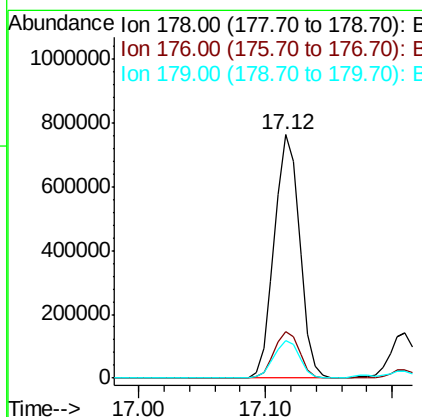
RT: 17.12 min Scan# 2419

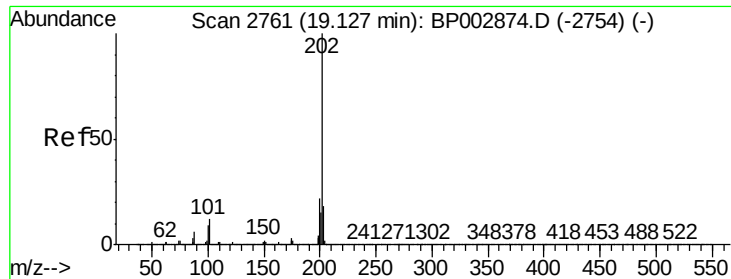
Delta R.T. -0.01 min

Lab File: BP003010.D

Acq: 17 Aug 2020 19:27

Tgt Ion	178	Resp: 1064320	
Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.4	12.9	19.3





#75

Fluoranthene

Concen: 16.374 ng

RT: 19.09 min Scan# 2755

Delta R.T. -0.01 min

Lab File: BP003010.D

Acq: 17 Aug 2020 19:27

Instrument :

BNA_P

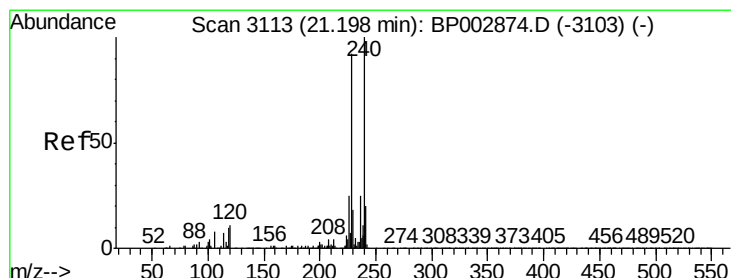
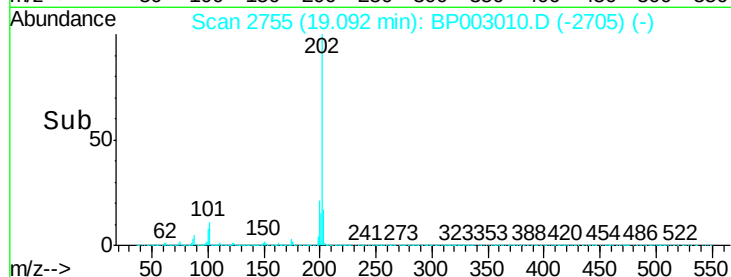
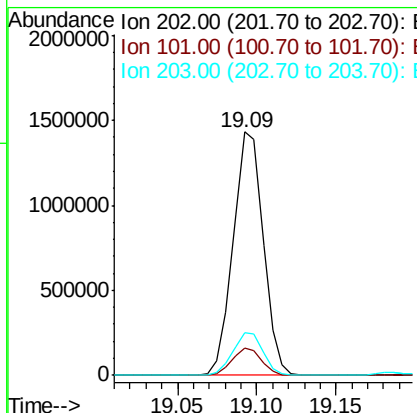
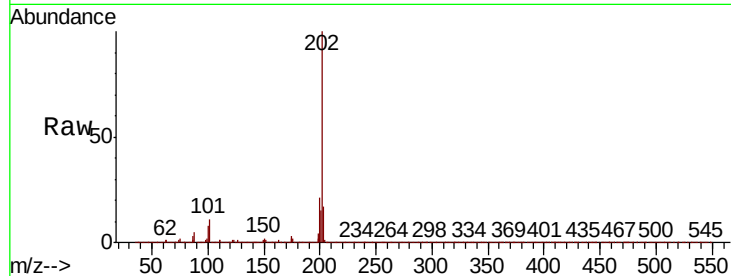
ClientSampleId :

S708-N-SO-0-0.5-081320

Tot Ion:	202	Resp:	1880191
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	31.2
203	17.5	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

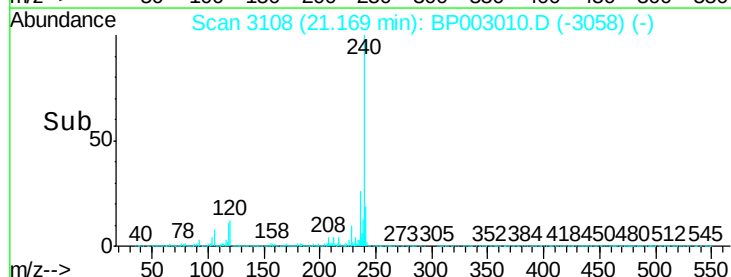
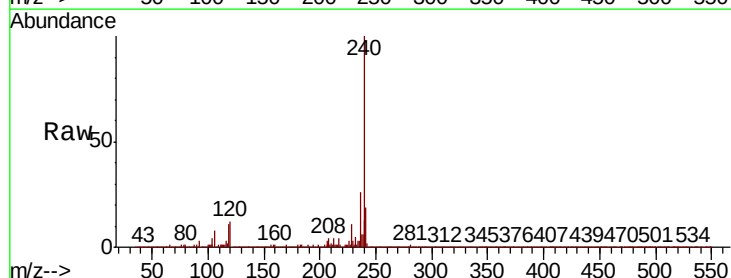
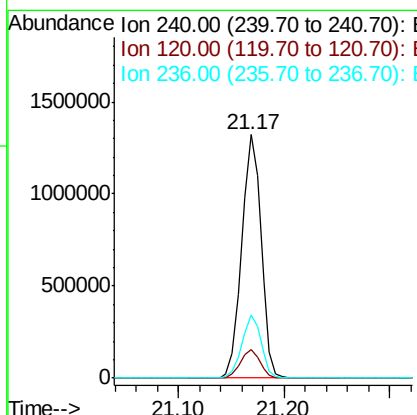
RT: 21.17 min Scan# 3108

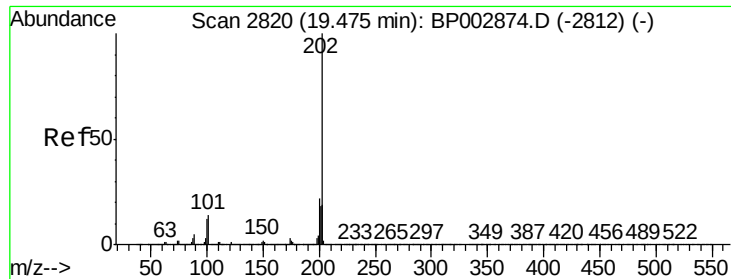
Delta R.T. -0.01 min

Lab File: BP003010.D

Acq: 17 Aug 2020 19:27

Tgt Ion:	240	Resp:	1665032
Ion Ratio	Lower	Upper	
240	100		
120	11.9	9.5	14.3
236	25.8	20.8	31.2





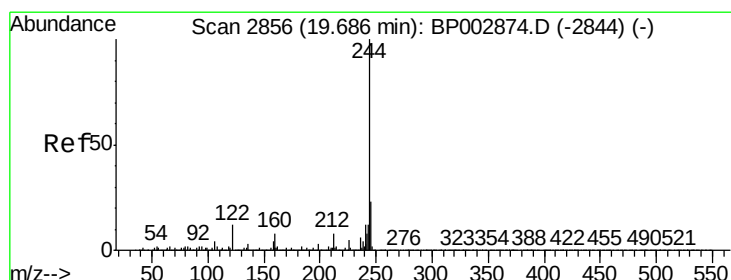
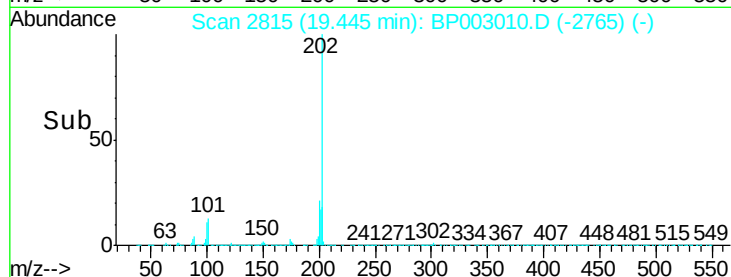
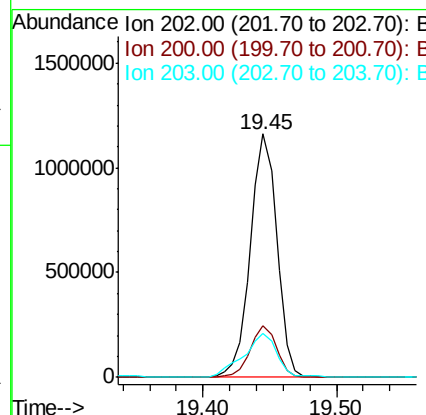
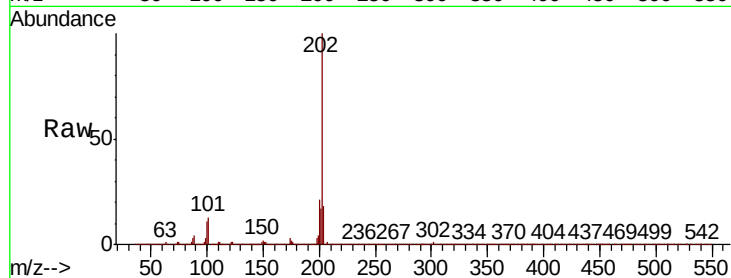
#78
Pvrene
Concen: 13.662 ng
RT: 19.45 min Scan# 2815
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.8	26.6
203	18.1	14.6	22.0

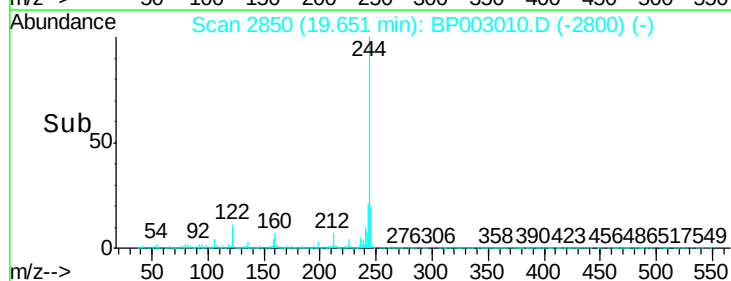
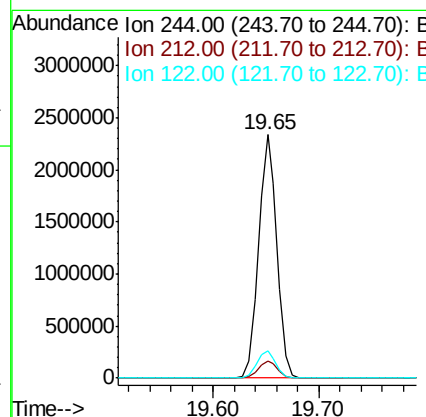
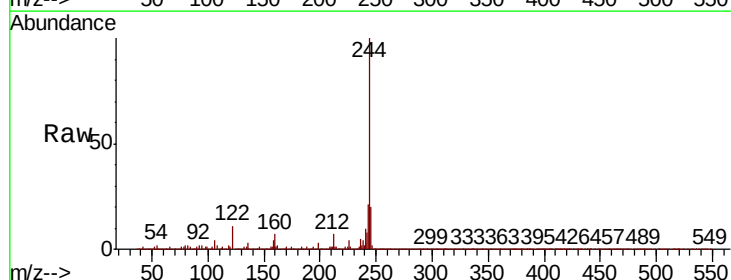
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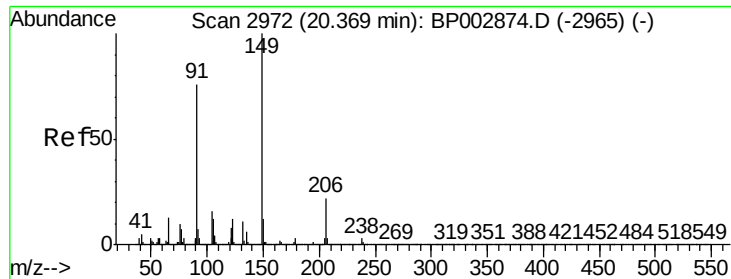
mohammad
8/19/2020 2:20:53 PM



#79
Terphenyl-d14
Concen: 34.051 ng
RT: 19.65 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.3	9.5
122	11.5	8.7	13.1





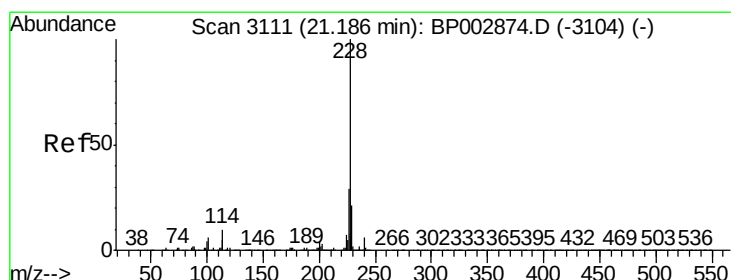
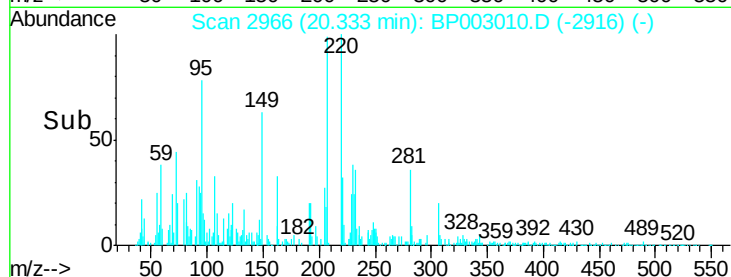
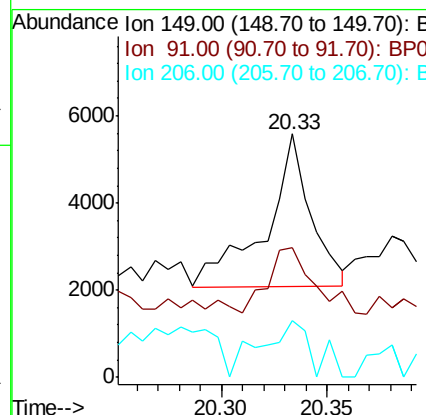
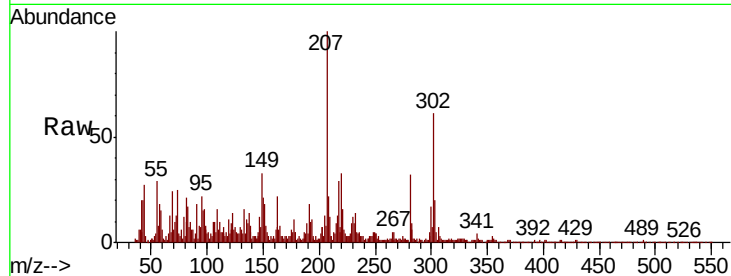
#80
Butylbenzylphthalate
Concen: 3.162 ng
RT: 20.33 min Scan# 2966
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tot Ion	Ratio	Lower	Upper
149	100		
91	53.2	45.3	67.9
206	23.2	17.5	26.3

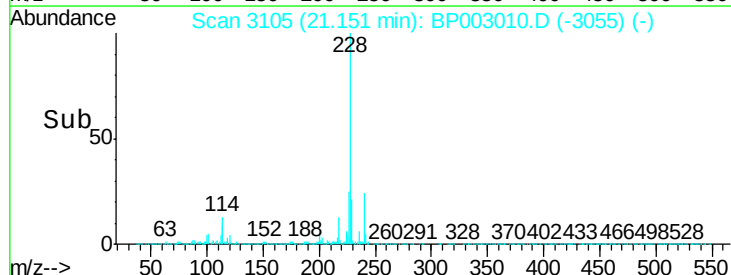
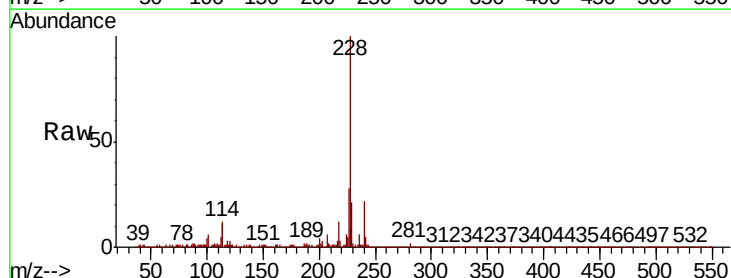
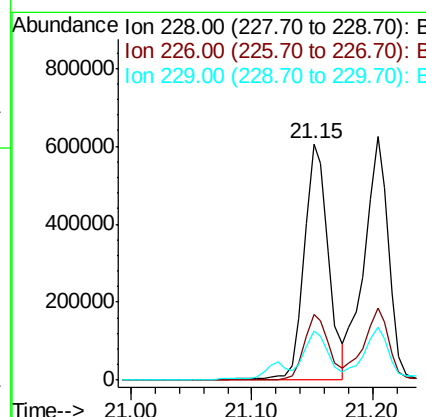
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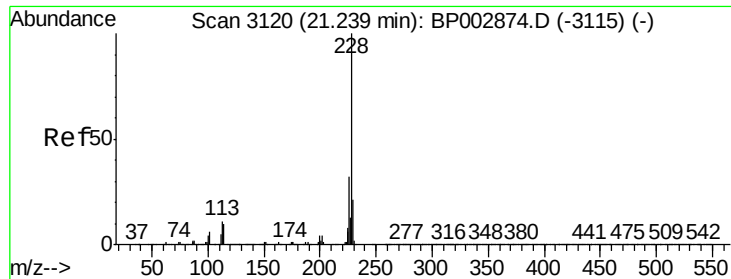
mohammad
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#81
Benzo(a)anthracene
Concen: 7.353 ng
RT: 21.15 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	20.9	16.5	24.7





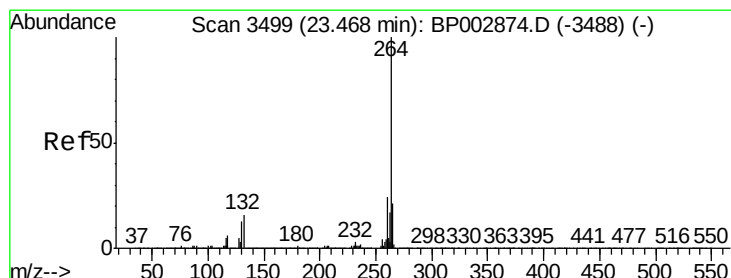
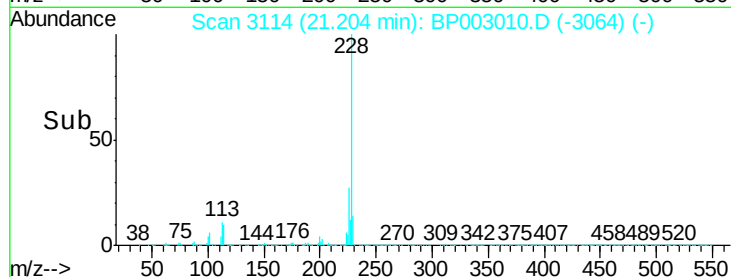
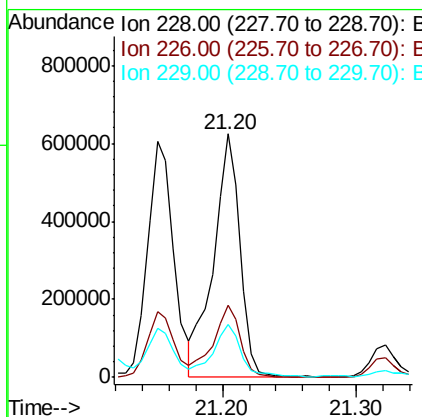
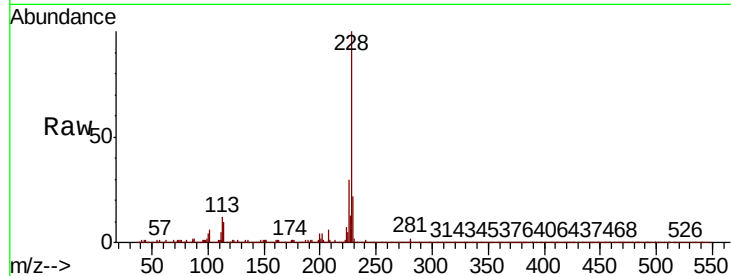
#83
Chrysene
Concen: 8.104 ng
RT: 21.20 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.9	37.3
229	21.8	16.3	24.5

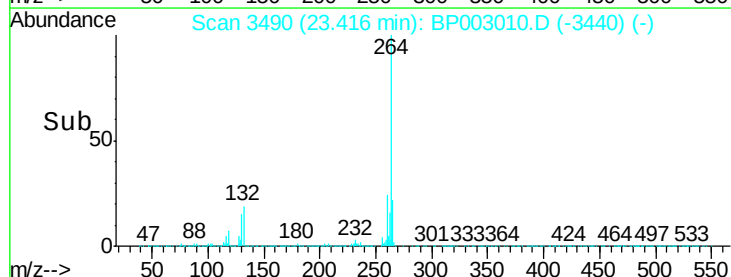
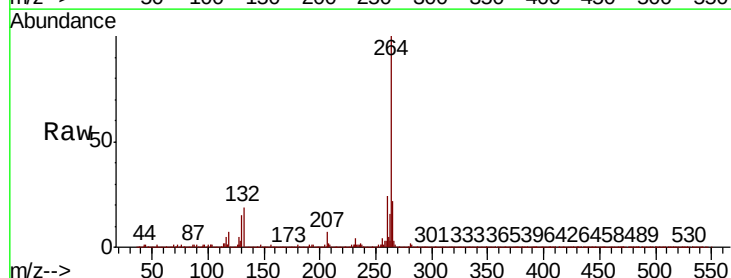
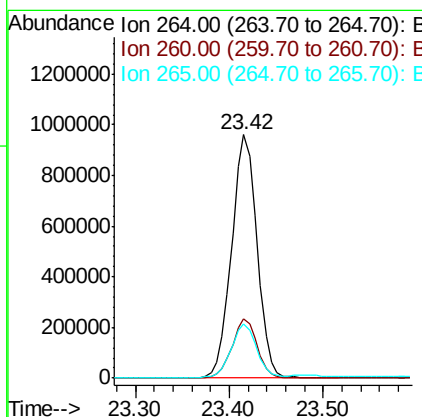
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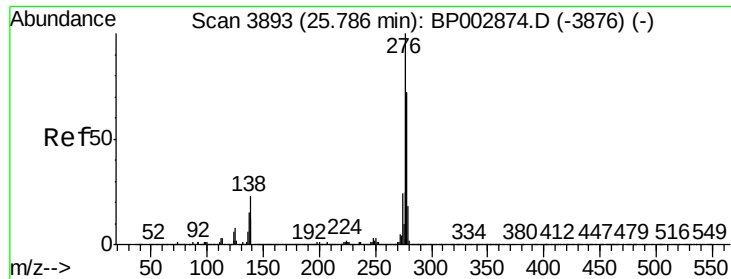
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3490
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.3	17.3	25.9





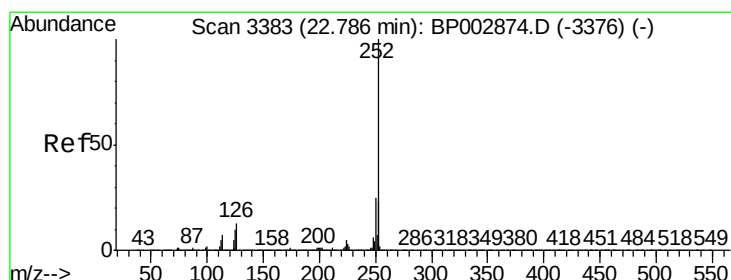
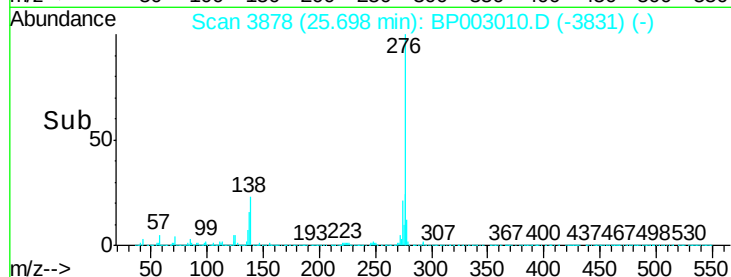
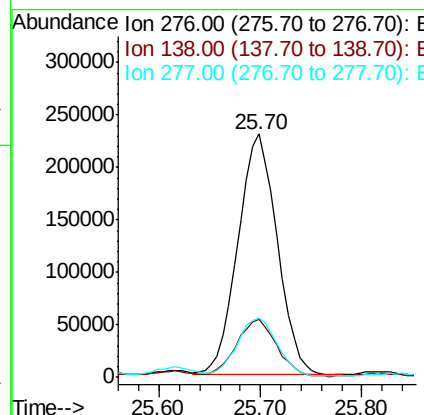
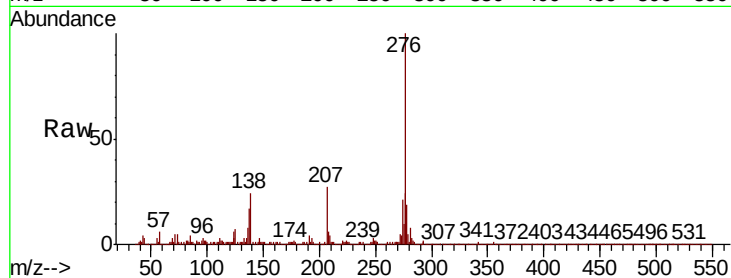
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.293 ng
 RT: 25.70 min Scan# 3878
 Delta R.T. -0.02 min
 Lab File: BP003010.D
 Acq: 17 Aug 2020 19:27

Instrument :
 BNA_P
 ClientSampleId :
 S708-N-SO-0-0.5-081320

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	22.2	33.2
277	24.6	20.4	30.6

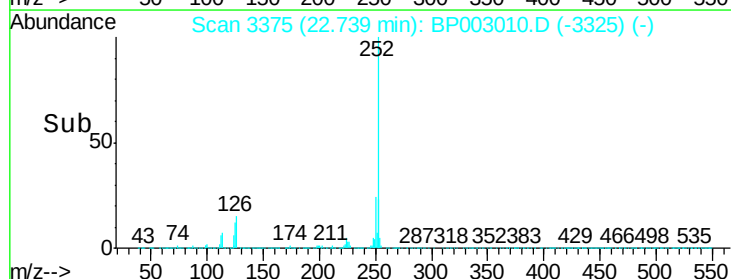
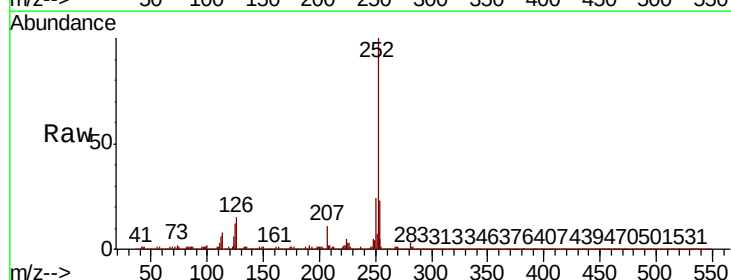
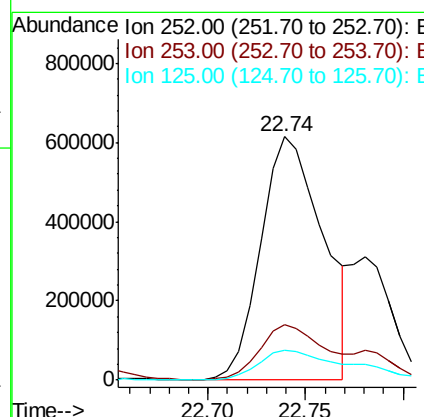
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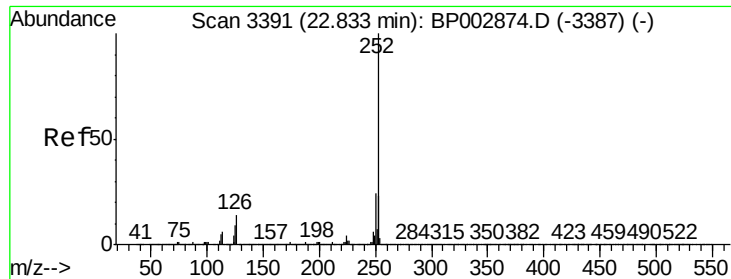
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 10.642 ng m
 RT: 22.74 min Scan# 3375
 Delta R.T. -0.01 min
 Lab File: BP003010.D
 Acq: 17 Aug 2020 19:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	12.0	9.4	14.2





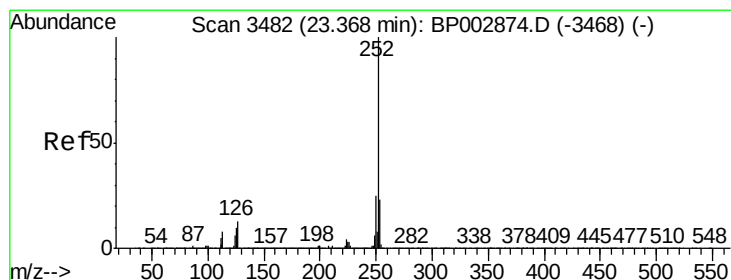
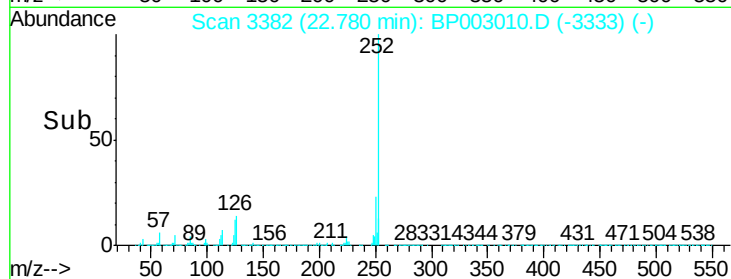
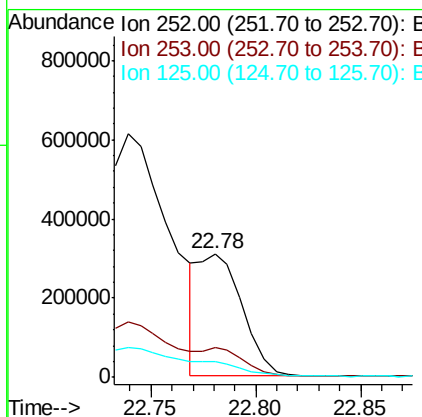
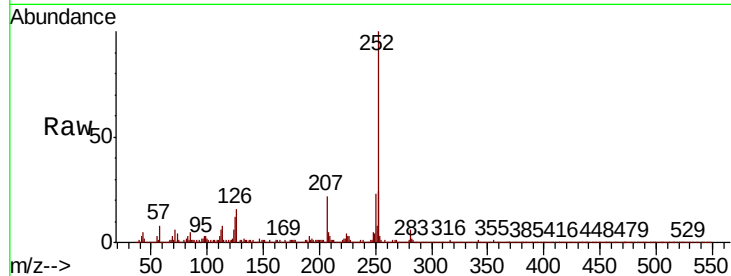
#89
Benzo(k)fluoranthene
Concen: 3.676 ng m
RT: 22.78 min Scan# 3382
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Instrument :
BNA_P
ClientSampleId :
S708-N-SO-0-0.5-081320

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.3	27.5
125	12.4	9.3	13.9

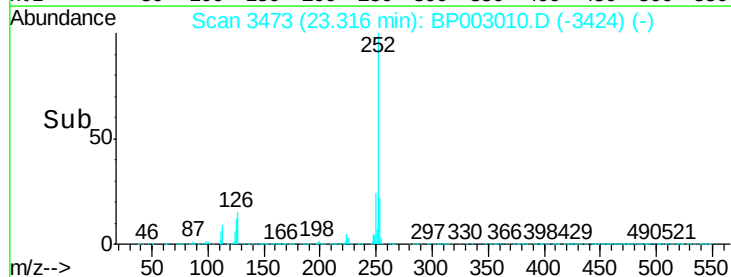
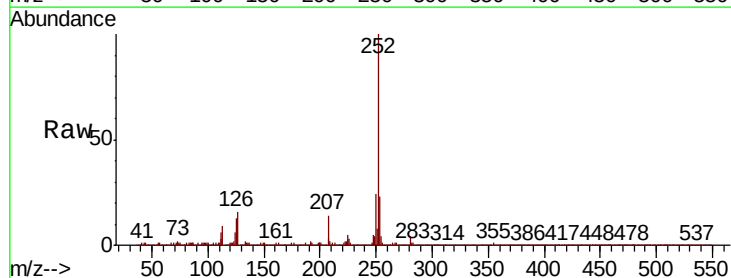
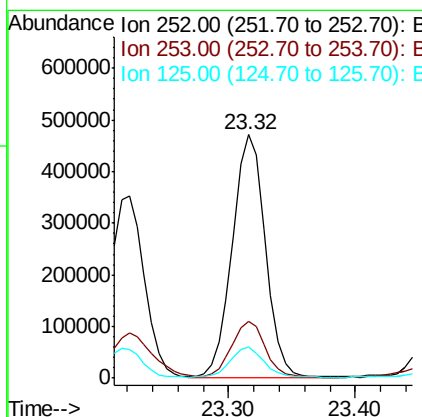
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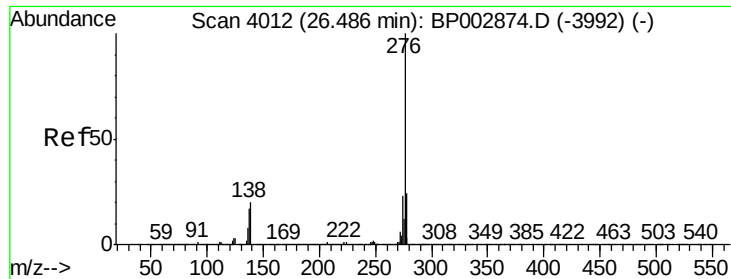
mohammad
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#90
Benzo(a)pyrene
Concen: 7.348 ng
RT: 23.32 min Scan# 3473
Delta R.T. -0.01 min
Lab File: BP003010.D
Acq: 17 Aug 2020 19:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	12.7	9.9	14.9





#92
 Benzo(a,h,i)perylene
 Concen: 5.256 ng
 RT: 26.39 min Scan# 3996
 Delta R.T. -0.03 min
 Lab File: BP003010.D
 Acq: 17 Aug 2020 19:27

Instrument :
 BNA_P
 ClientSampleId :
 S708-N-SO-0-0.5-081320

Tot Ion: 276	Resp: 624575
Ion Ratio	Lower Upper
276 100	
277 23.6	19.1 28.7
138 24.2	19.3 28.9

Manual Integrations
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