

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081720\
 Data File : BP003008.D
 Acq On : 17 Aug 2020 18:19
 Operator : CG/JU
 Sample : L3691-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 S707-N-SO-0-0.5-081320

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Quant Time: Aug 18 05:44:57 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	361360	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1271409	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	738245	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1545996	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1685589	20.00	ng	0.00
86) Perylene-d12	23.42	264	1889860	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1843104	78.06	ng	0.00
7) Phenol-d6	6.86	99	2189257	66.79	ng	0.00
23) Nitrobenzene-d5	8.83	82	1115223	47.51	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	776845	84.66	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	2796193	51.75	ng	0.00
79) Terphenyl-d14	19.65	244	3856458	45.80	ng	0.00
Target Compounds						
10) Phenol	6.89	94	89462	2.710	ng	93
32) Benzoic acid	9.75	122	5227m	8.058	ng	
50) Dimethylphthalate	13.78	163	591591	10.246	ng	99
71) Phenanthrene	17.12	178	251779	2.777	ng	98
75) Fluoranthene	19.09	202	701351	6.715	ng	100
78) Pyrene	19.44	202	614056	5.211	ng	97
81) Benzo(a)anthracene	21.15	228	285404	2.486	ng	99
83) Chrysene	21.20	228	309064	2.854	ng	98
88) Benzo(b)fluoranthene	22.74	252	466556	3.498	ng	98
90) Benzo(a)pyrene	23.32	252	310191	2.574	ng	98

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

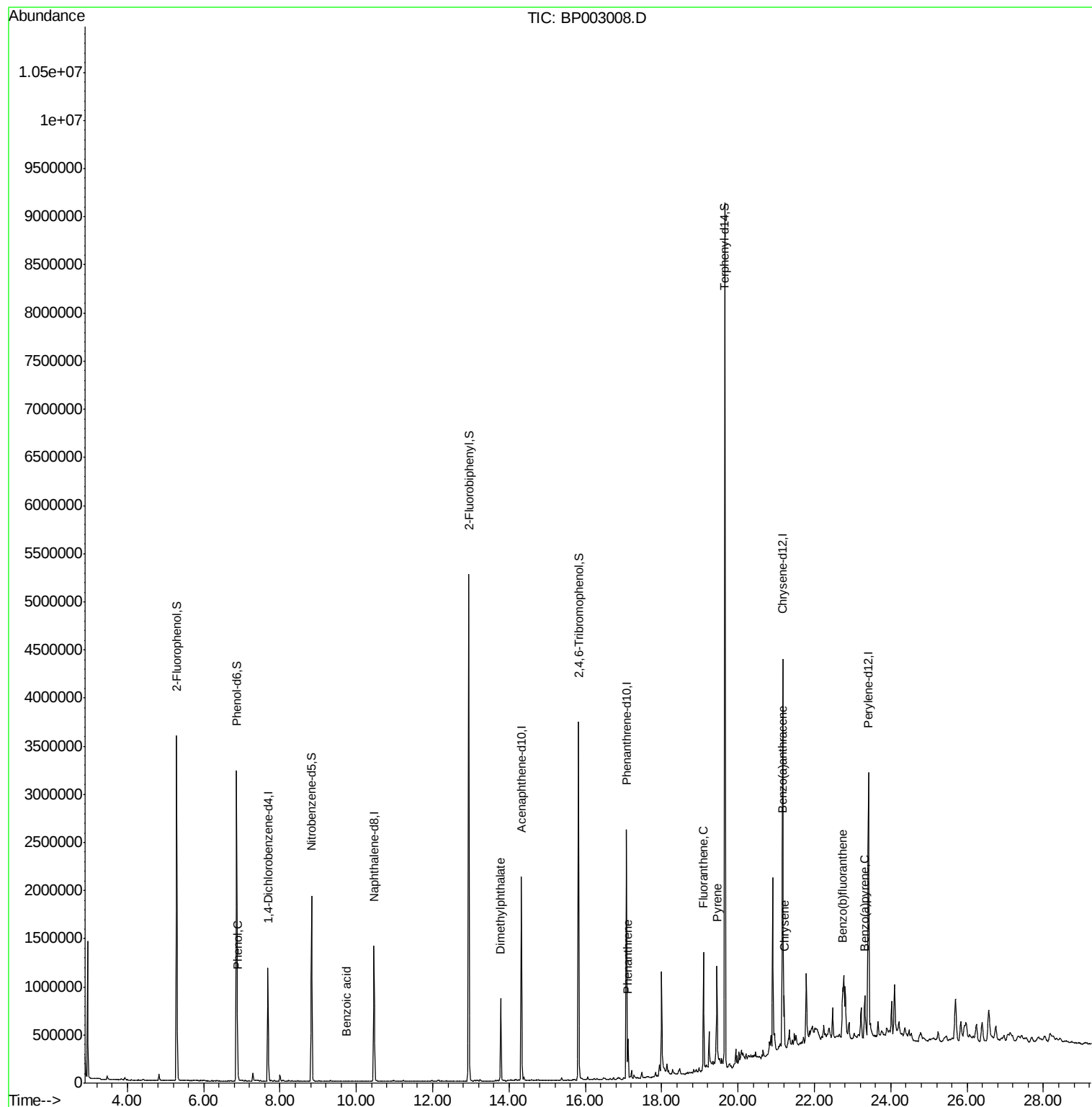
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Data File : BP003008.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

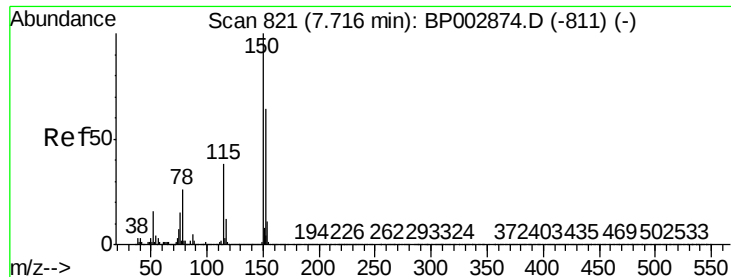
Instrument :
BNA_P
ClientSampleId :
S707-N-SO-0-0.5-081320

Quant Time: Aug 18 05:44:57 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
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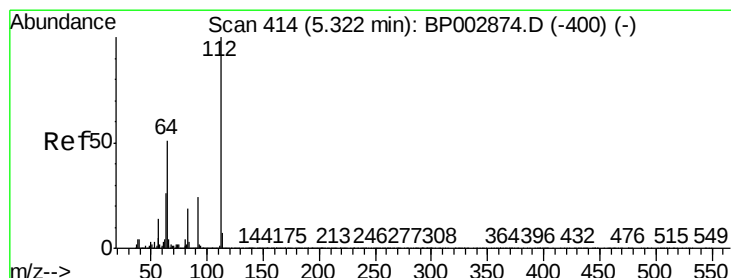
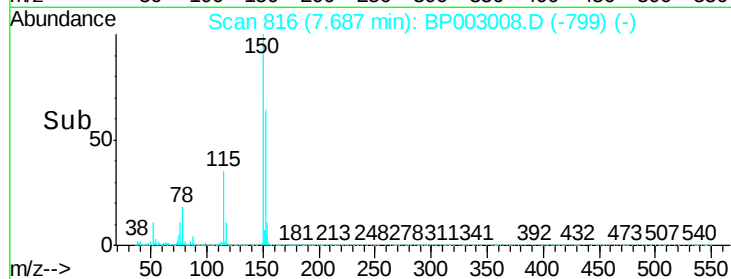
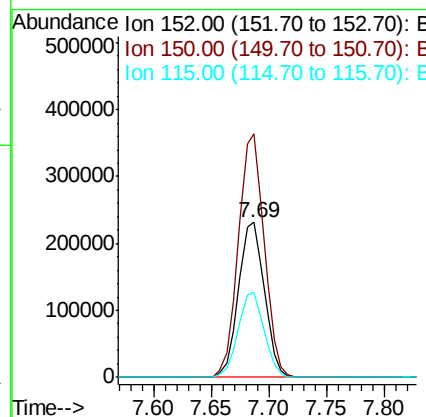
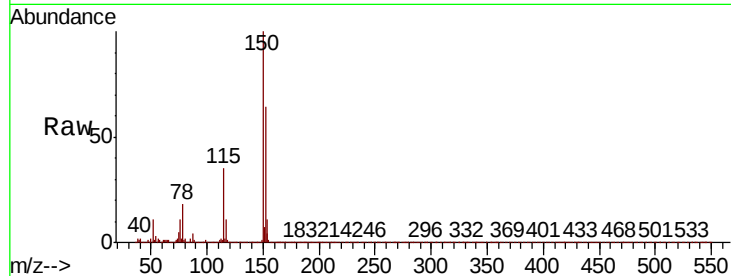
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 816
Delta R.T. -0.00 min
Lab File: BP003008.D
Acq: 17 Aug 2020 18:19

Instrument :
BNA_P
ClientSampleId :
S707-N-SO-0-0.5-081320

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.1	189.1
115	54.4	43.4	65.2

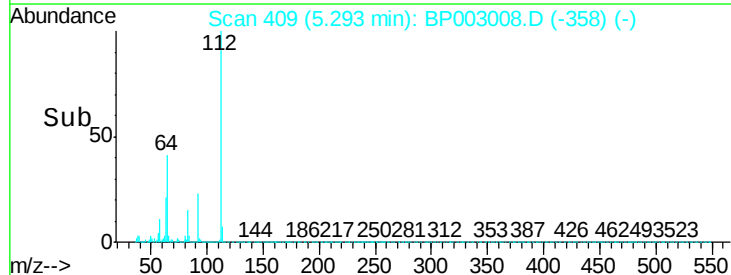
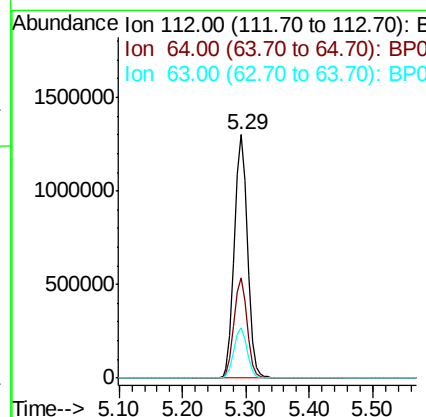
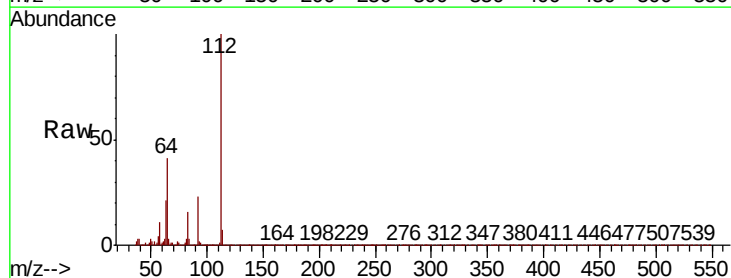
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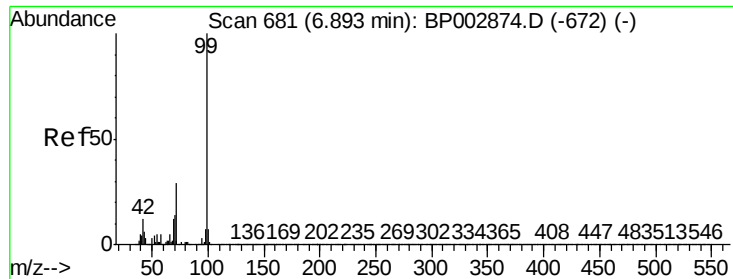
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#5
2-Fluorophenol
Concen: 78.062 ng
RT: 5.29 min Scan# 409
Delta R.T. -0.00 min
Lab File: BP003008.D
Acq: 17 Aug 2020 18:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.2	33.4	50.2
63	20.6	17.4	26.0





#7

Phenol-d6

Concen: 66.786 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003008.D

Acq: 17 Aug 2020 18:19

Instrument :

BNA_P

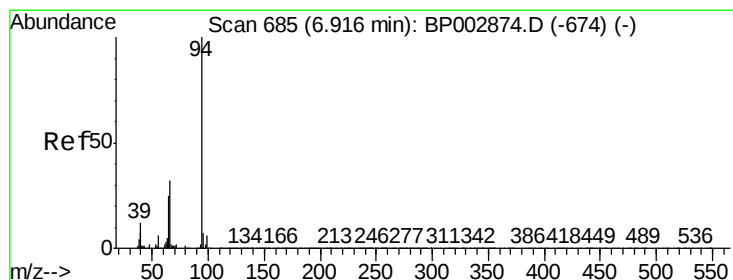
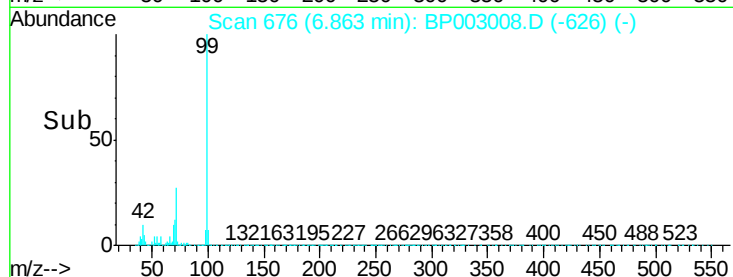
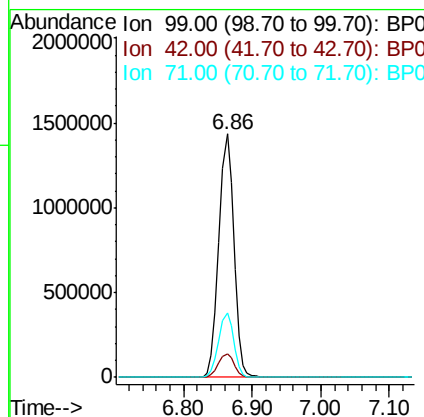
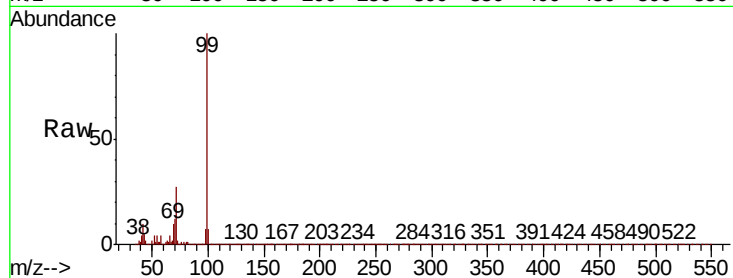
ClientSampleId :

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Tot Ion:	99	Resp:	2189257
Ion	Ratio	Lower	Upper
99	100		
42	9.9	8.0	12.0
71	26.6	21.3	31.9

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#10

Phenol

Concen: 2.710 ng

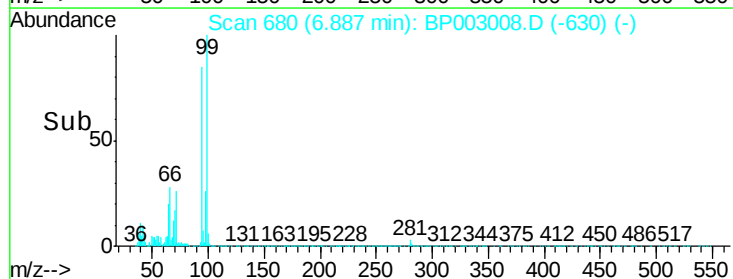
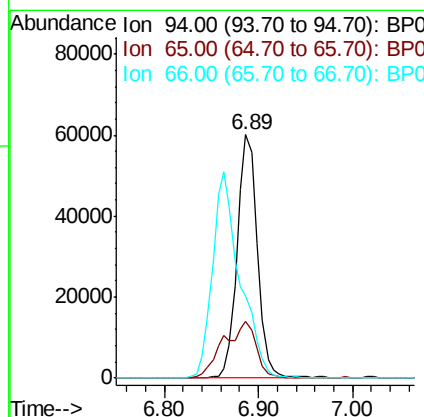
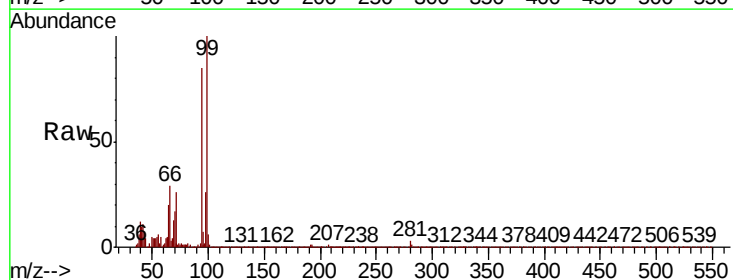
RT: 6.89 min Scan# 680

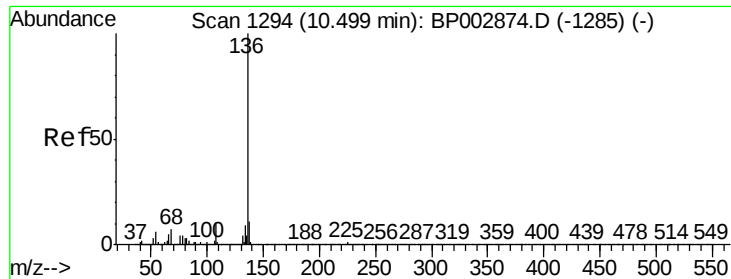
Delta R.T. -0.01 min

Lab File: BP003008.D

Acq: 17 Aug 2020 18:19

Tgt Ion:	94	Resp:	89462
Ion	Ratio	Lower	Upper
94	100		
65	23.4	1.7	41.7
66	33.7	8.6	48.6





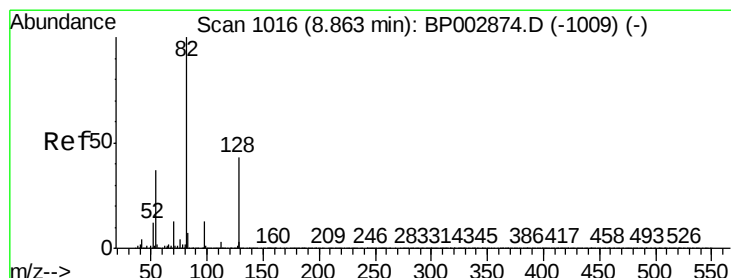
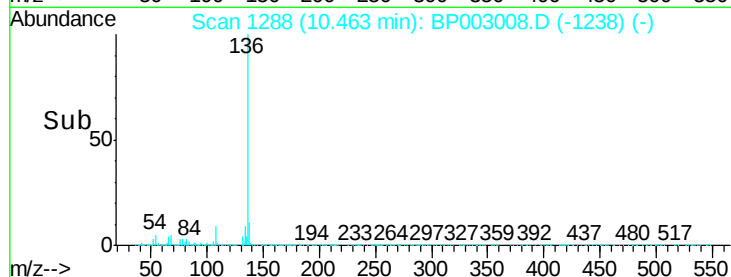
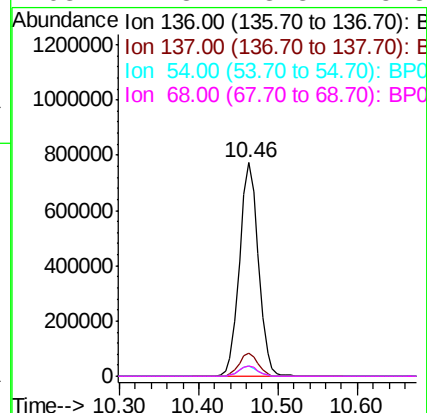
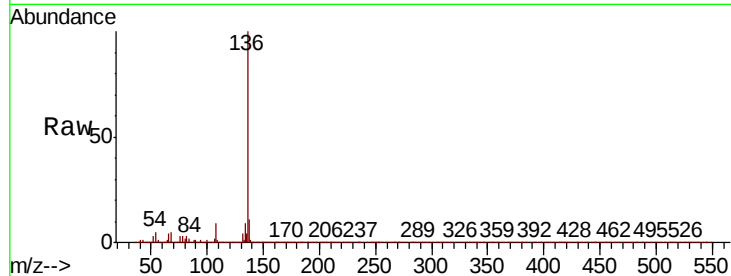
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BP003008.D
Acq: 17 Aug 2020 18:19

Instrument :
BNA_P
ClientSampleId :
S707-N-SO-0-0.5-081320

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	4.8	3.8	5.8
68	4.8	3.8	5.8

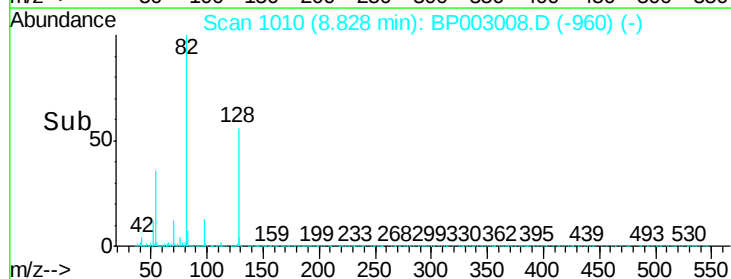
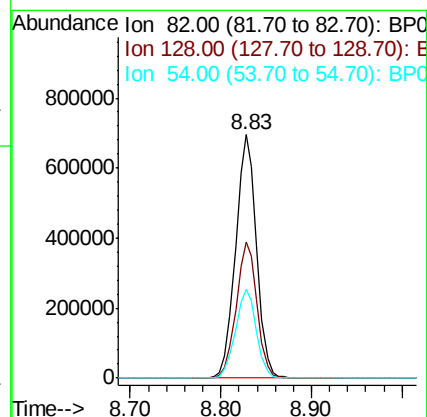
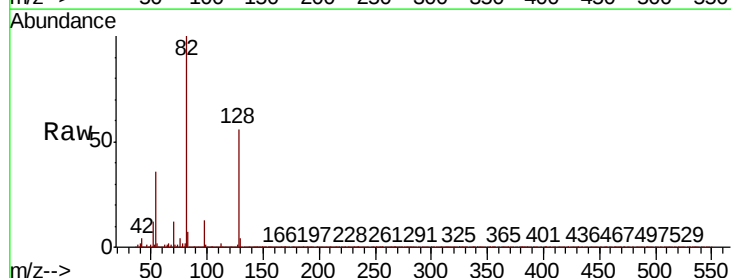
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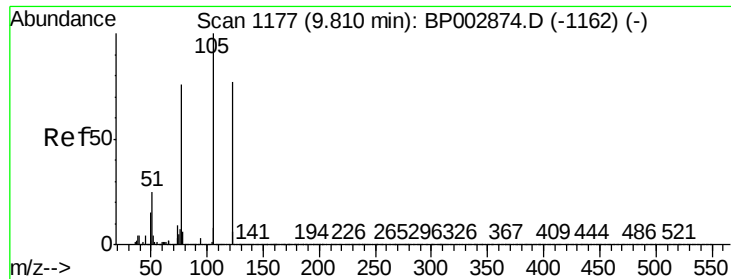
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#23
Nitrobenzene-d5
Concen: 47.509 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003008.D
Acq: 17 Aug 2020 18:19

Tgt Ion	Ratio	Lower	Upper
82	100		
128	55.7	45.1	67.7
54	36.3	28.8	43.2





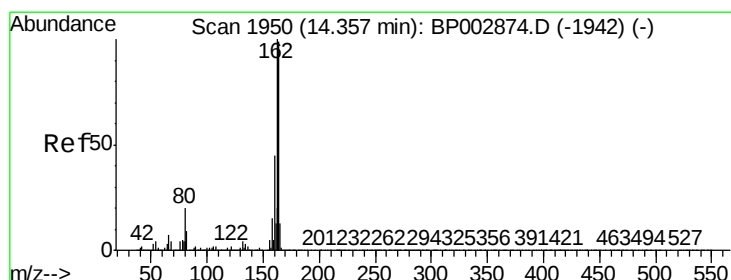
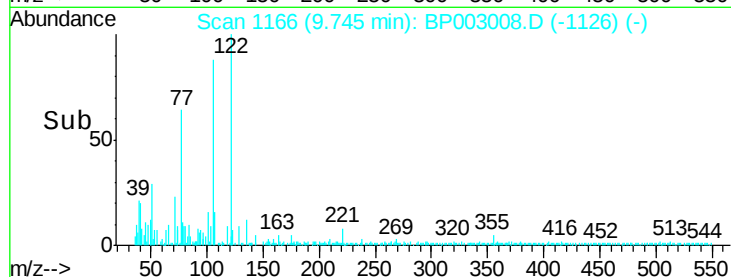
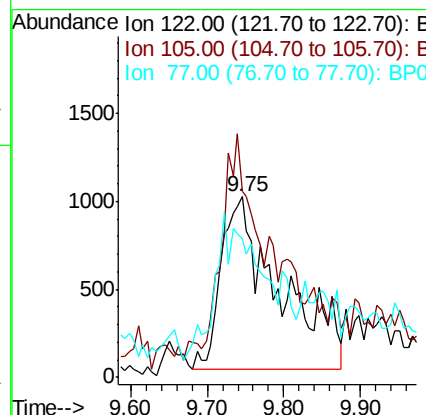
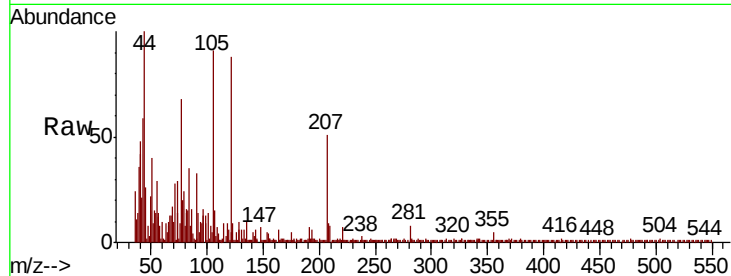
#32
Benzoic acid
Concen: 8.058 ng m
RT: 9.75 min Scan# 1166
Delta R.T. -0.07 min
Lab File: BP003008.D
Acq: 17 Aug 2020 18:19

Instrument :
BNA_P
ClientSampleId :
S707-N-SO-0-0.5-081320

Tot Ion	Ratio	Resp	Lower	Upper
122	100	5227		
105	102.9	96.2	136.2	
77	76.9	55.6	95.6	

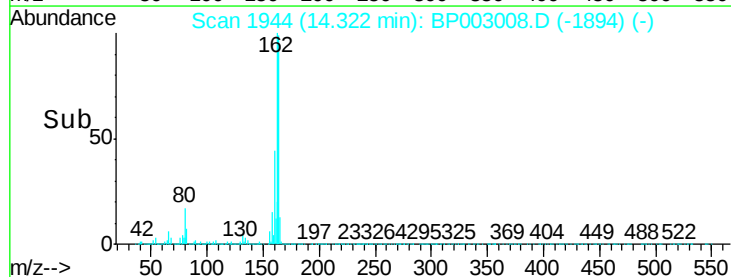
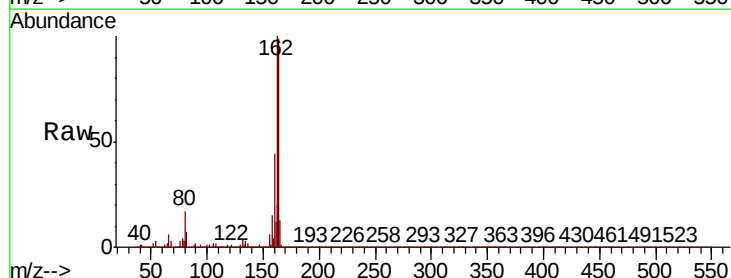
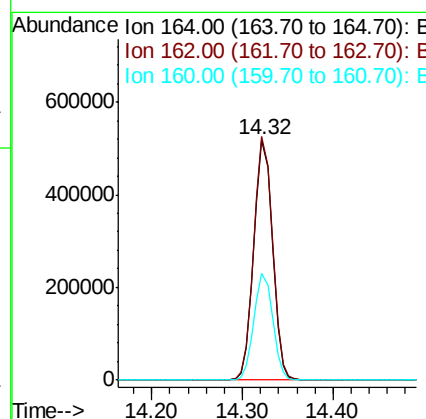
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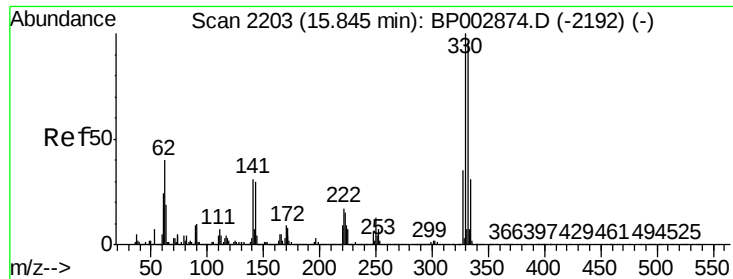
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BP003008.D
Acq: 17 Aug 2020 18:19

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	738245		
162	101.5	81.4	122.0	
160	44.4	35.5	53.3	





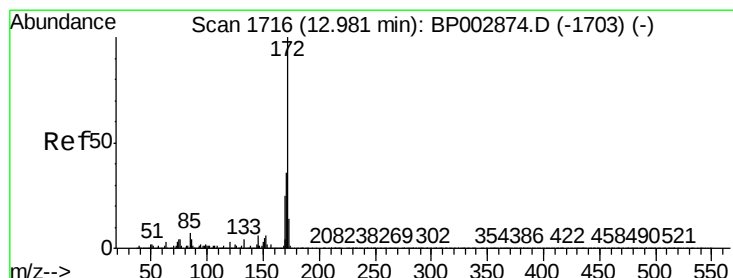
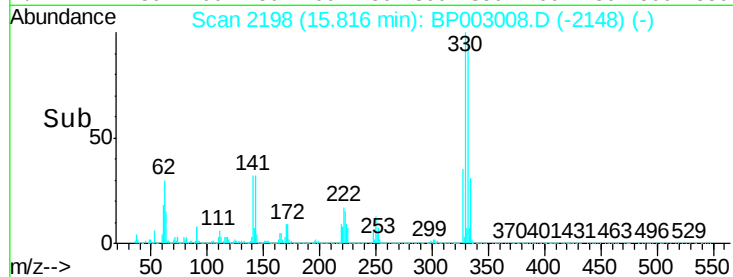
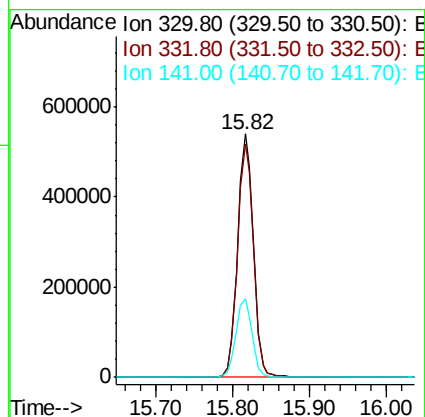
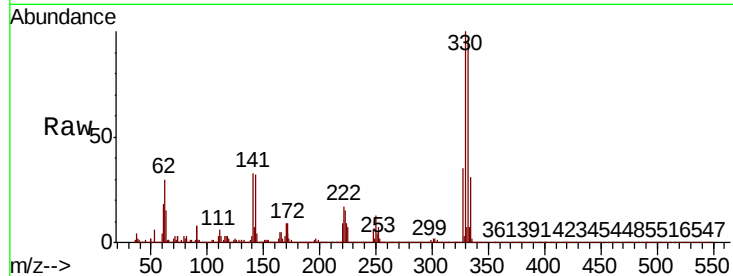
#42
 2,4,6-Tribromophenol
 Concen: 84.665 ng
 RT: 15.82 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BP003008.D
 Acq: 17 Aug 2020 18:19

Instrument :
 BNA_P
 ClientSampleId :
 S707-N-SO-0-0.5-081320

Tot Ion:	330	Resp:	776845
Ion Ratio	Lower	Upper	
330	100		
332	97.4	77.0	115.6
141	33.2	26.7	40.1

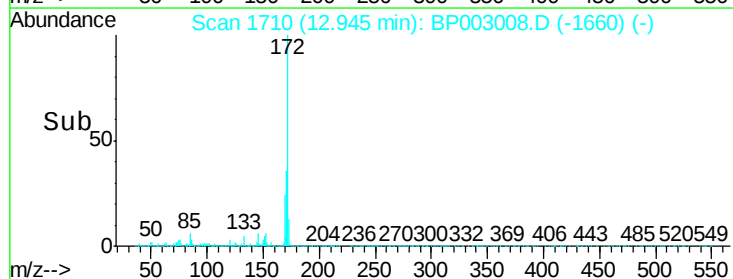
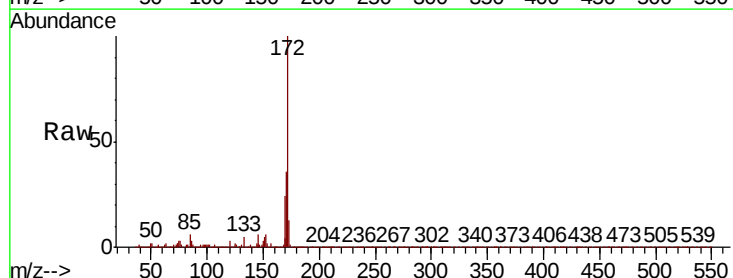
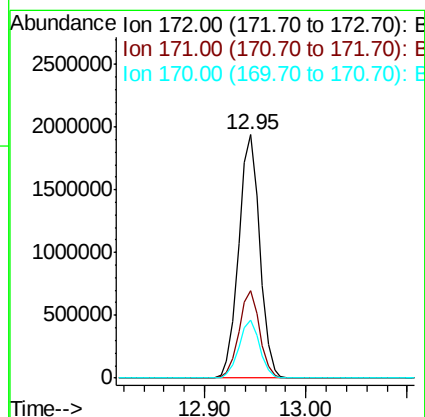
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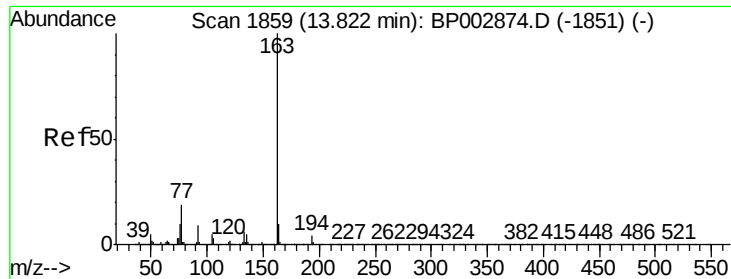
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#45
 2-Fluorobiphenyl
 Concen: 51.750 ng
 RT: 12.95 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BP003008.D
 Acq: 17 Aug 2020 18:19

Tgt Ion:	172	Resp:	2796193
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.0	43.4
170	23.6	19.1	28.7





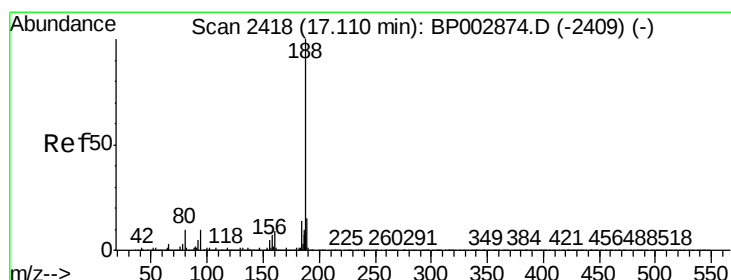
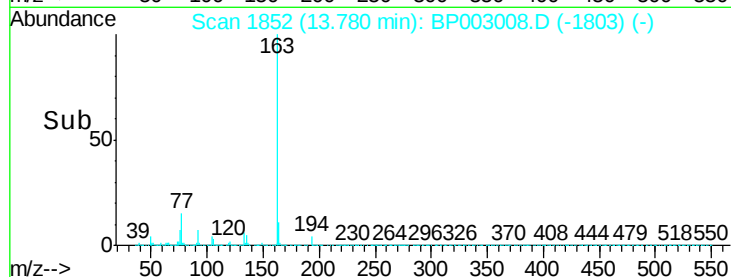
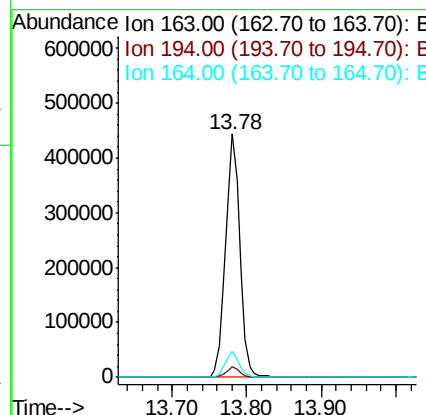
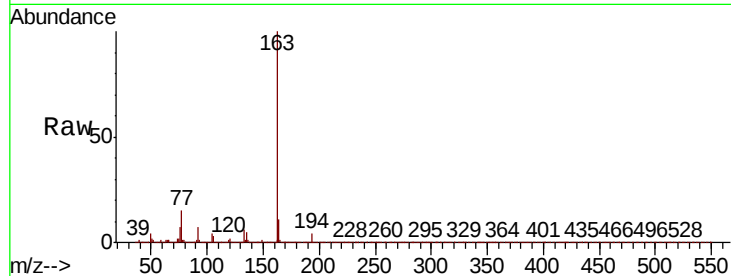
#50
Dimethylphthalate
Concen: 10.246 ng
RT: 13.78 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BP003008.D
Acq: 17 Aug 2020 18:19

Instrument :
BNA_P
ClientSampleId :
S707-N-SO-0-0.5-081320

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.5	8.1	12.1

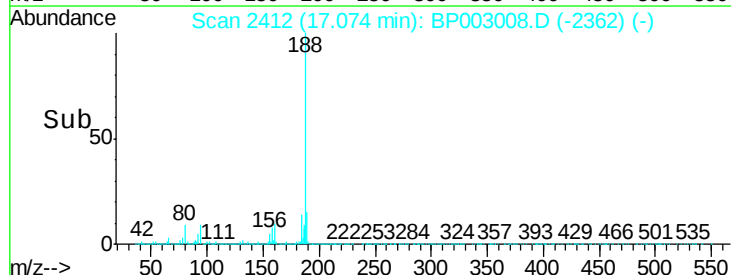
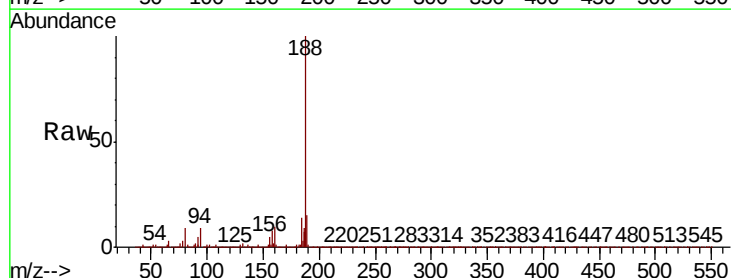
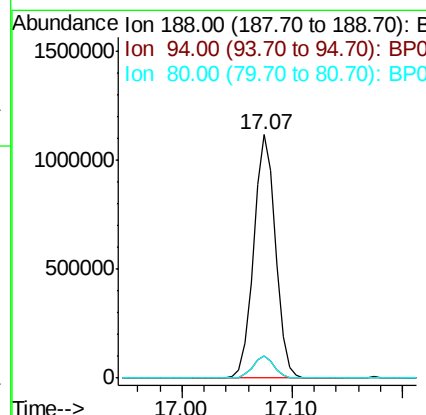
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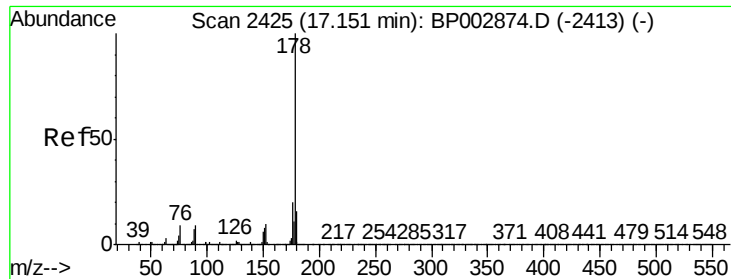
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP003008.D
Acq: 17 Aug 2020 18:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.1	10.7
80	8.9	6.7	10.1





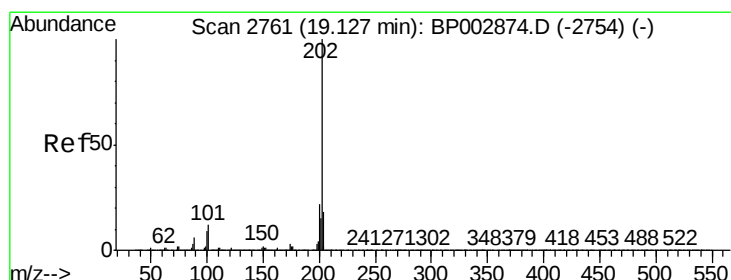
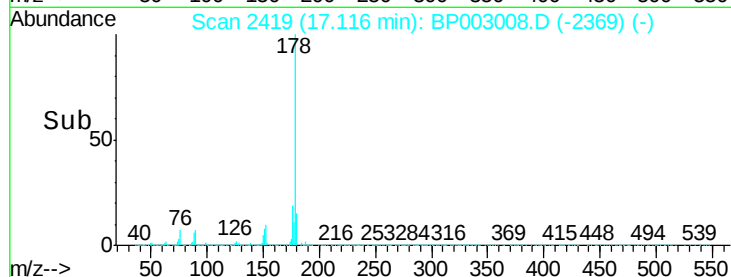
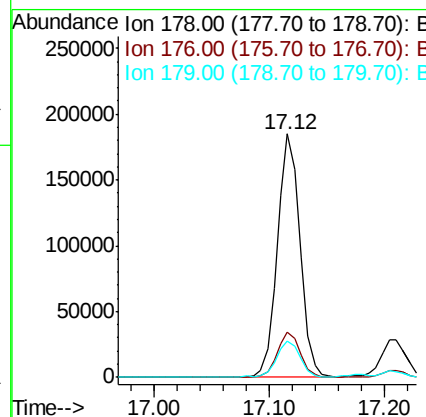
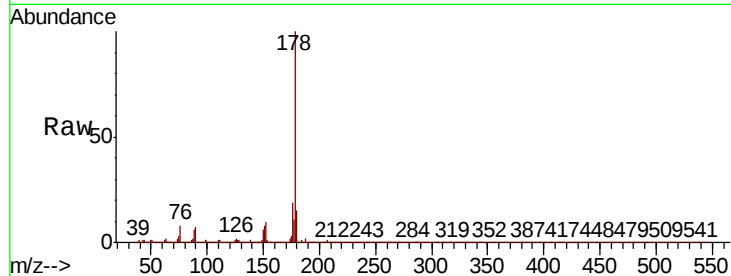
#71
Phenanthrene
Concen: 2.777 ng
RT: 17.12 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BP003008.D
Acq: 17 Aug 2020 18:19

Instrument :
BNA_P
ClientSampleId :
S707-N-SO-0-0.5-081320

Tot Ion:	178	Resp:	251779
Ion Ratio	Lower	Upper	
178	100		
176	18.7	15.8	23.8
179	15.1	12.9	19.3

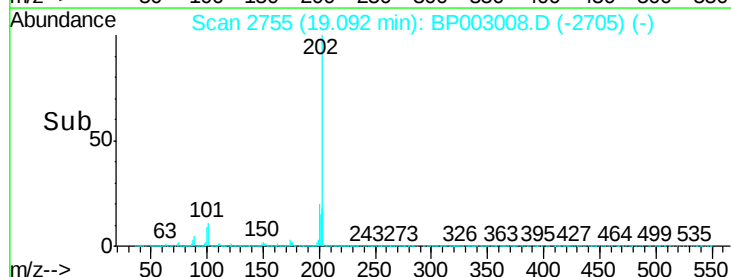
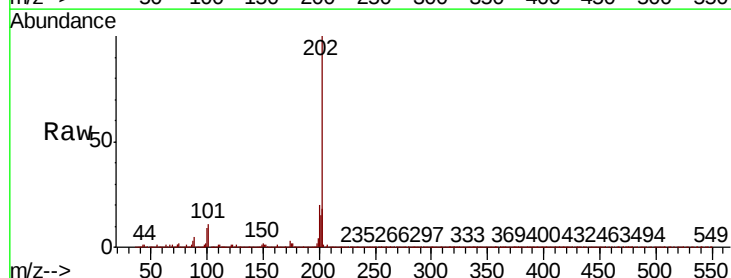
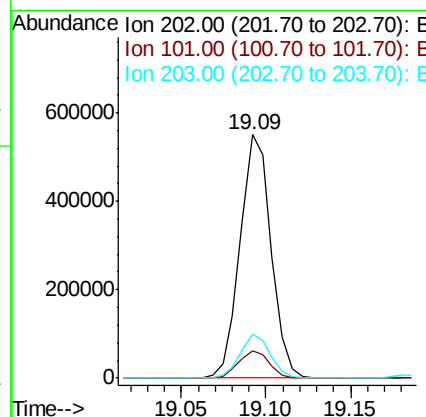
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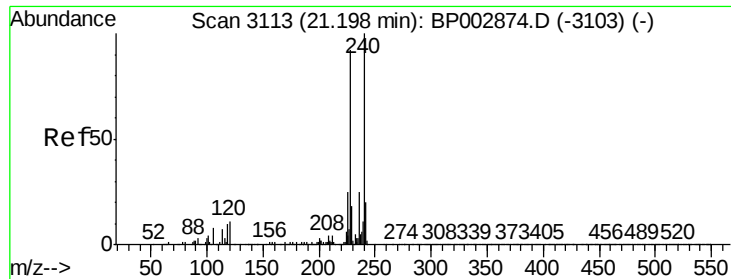
mohammad
8/20/2020 12:20:29 PM



#75
Fluoranthene
Concen: 6.715 ng
RT: 19.09 min Scan# 2755
Delta R.T. -0.01 min
Lab File: BP003008.D
Acq: 17 Aug 2020 18:19

Tgt Ion:	202	Resp:	701351
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	31.2
203	18.1	0.0	38.4





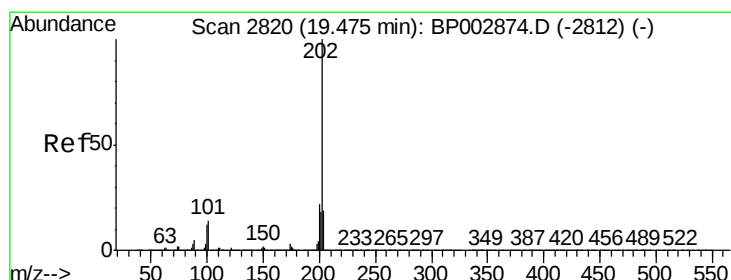
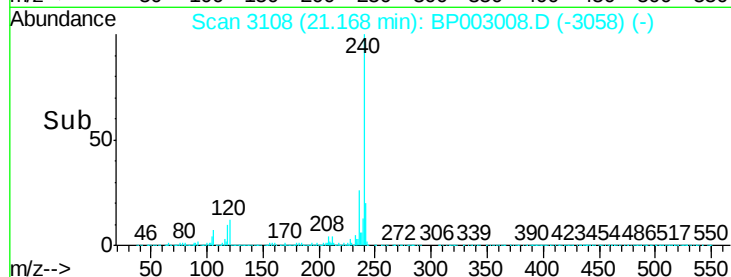
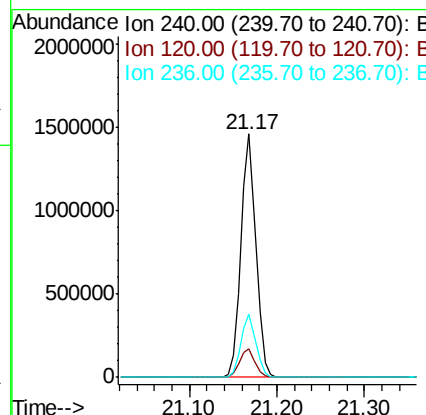
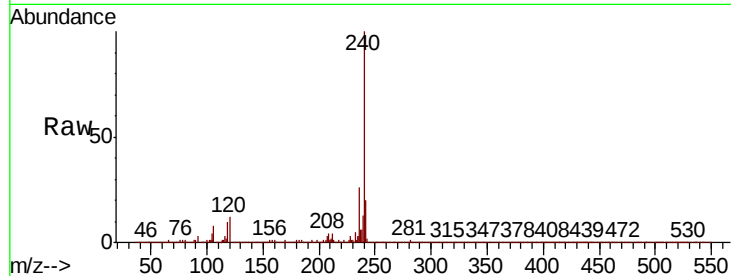
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP003008.D
Acq: 17 Aug 2020 18:19

Instrument :
BNA_P
ClientSampleId :
S707-N-SO-0-0.5-081320

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.9	20.8	31.2

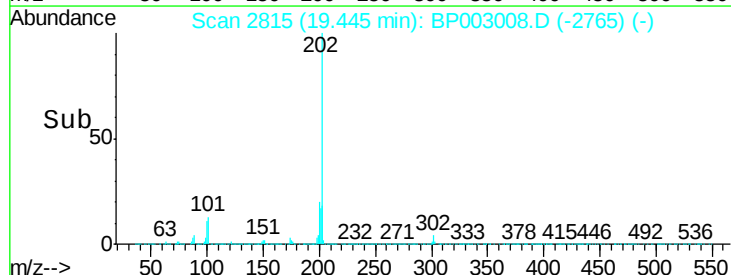
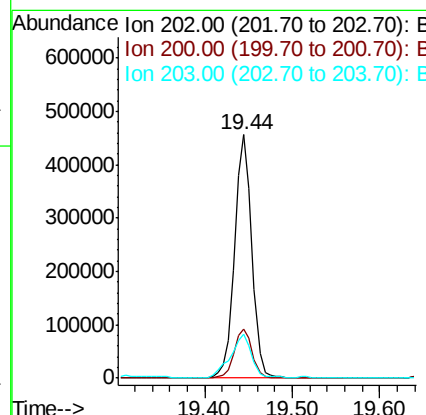
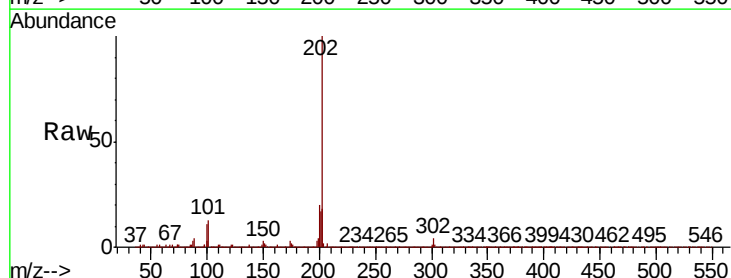
Manual Integrations
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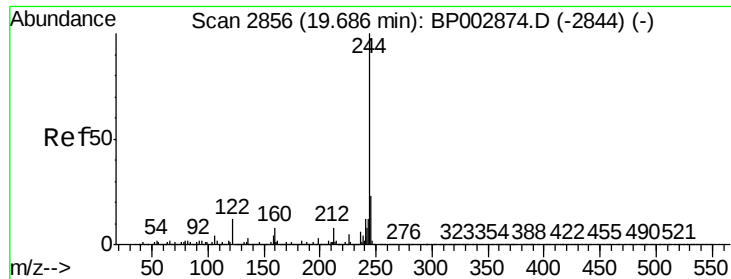
mohammad
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#78
Pyrene
Concen: 5.211 ng
RT: 19.44 min Scan# 2815
Delta R.T. -0.01 min
Lab File: BP003008.D
Acq: 17 Aug 2020 18:19

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.8	26.6
203	18.0	14.6	22.0





#79

Terphenyl-d14

Concen: 45.803 ng

RT: 19.65 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BP003008.D

Acq: 17 Aug 2020 18:19

Instrument :

BNA_P

ClientSampleId :

S707-N-SO-0-0.5-081320

Tot Ion:244 Resp: 3856458

Ion Ratio Lower Upper

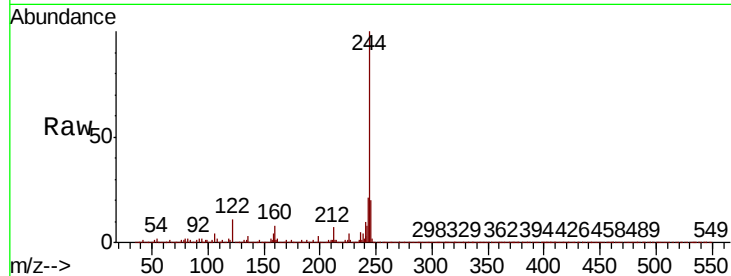
244 100

212 7.5 6.3 9.5

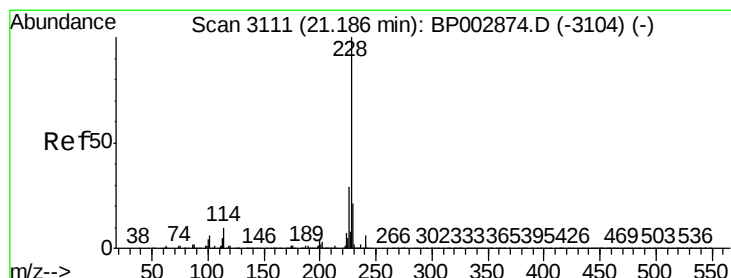
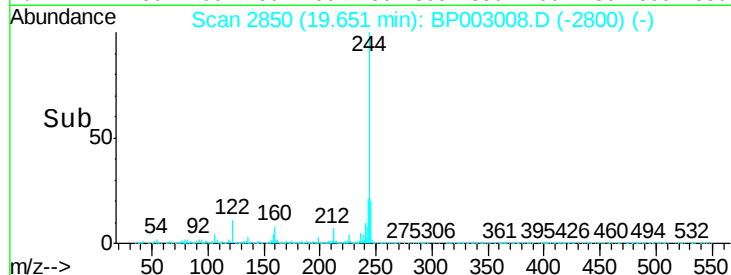
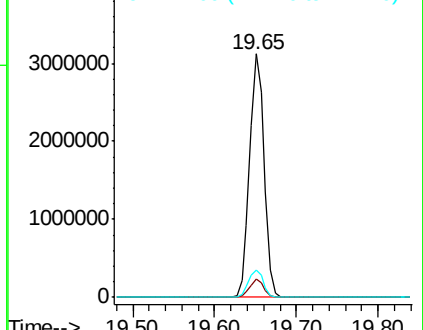
122 11.5 8.7 13.1

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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



#81

Benzo(a)anthracene

Concen: 2.486 ng

RT: 21.15 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BP003008.D

Acq: 17 Aug 2020 18:19

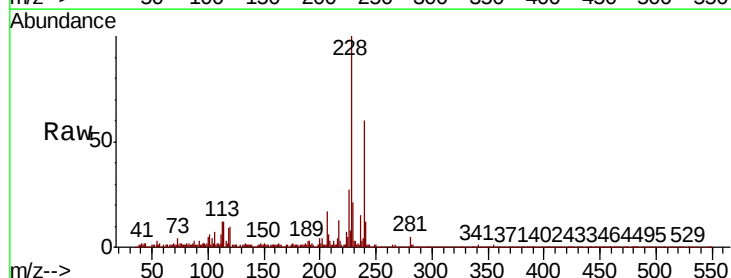
Tgt Ion:228 Resp: 285404

Ion Ratio Lower Upper

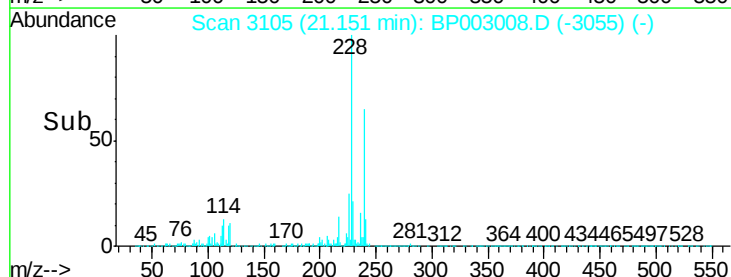
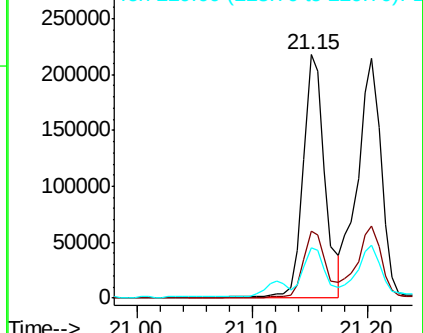
228 100

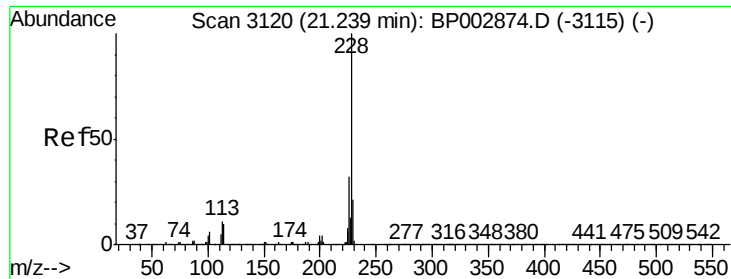
226 27.4 22.6 33.8

229 20.7 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





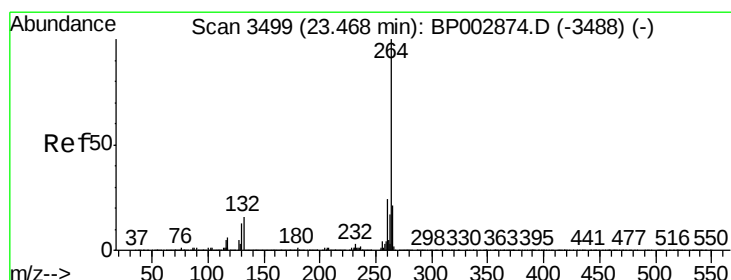
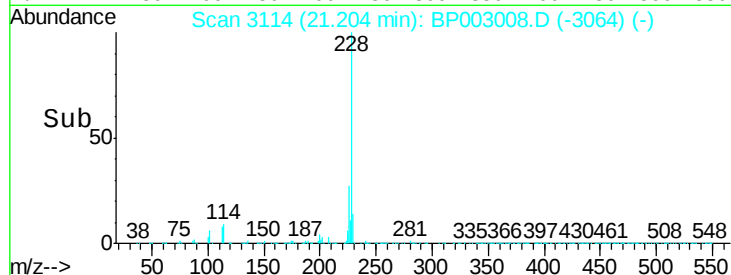
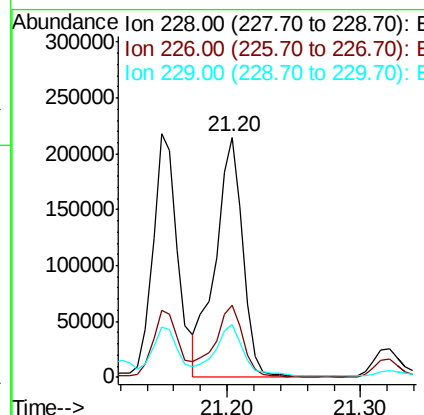
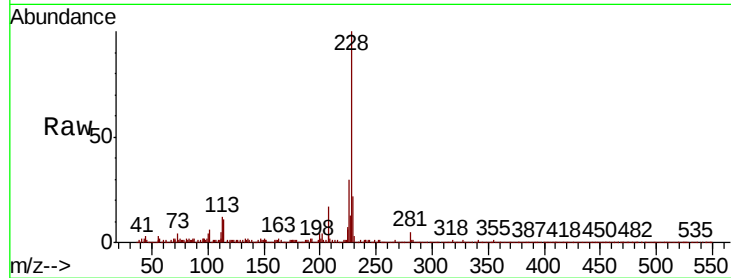
#83
Chrysene
Concen: 2.854 ng
RT: 21.20 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BP003008.D
Acq: 17 Aug 2020 18:19

Instrument :
BNA_P
ClientSampleId :
S707-N-SO-0-0.5-081320

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	30.2		24.9	37.3	
229	22.1		16.3	24.5	

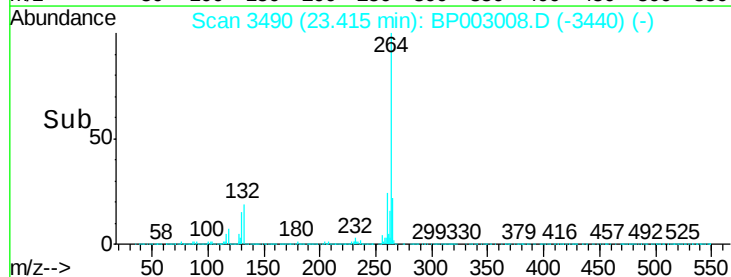
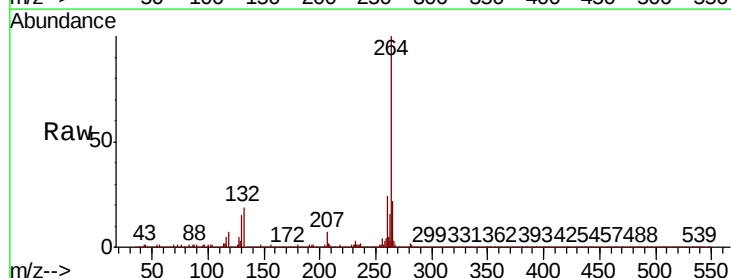
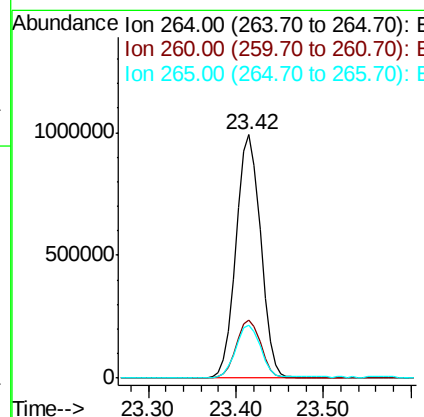
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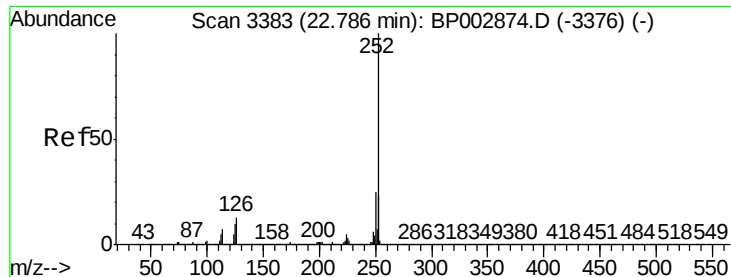
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3490
Delta R.T. -0.01 min
Lab File: BP003008.D
Acq: 17 Aug 2020 18:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.0		19.2	28.8	
265	21.8		17.3	25.9	





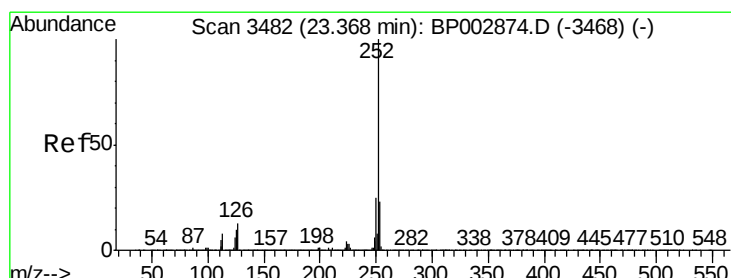
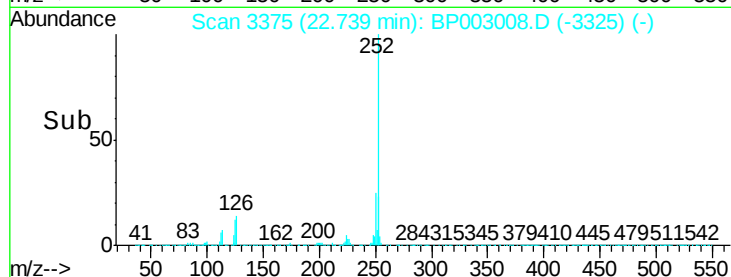
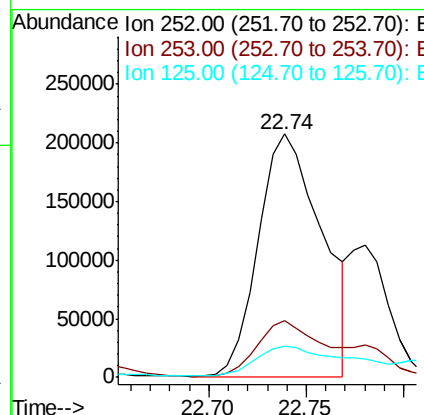
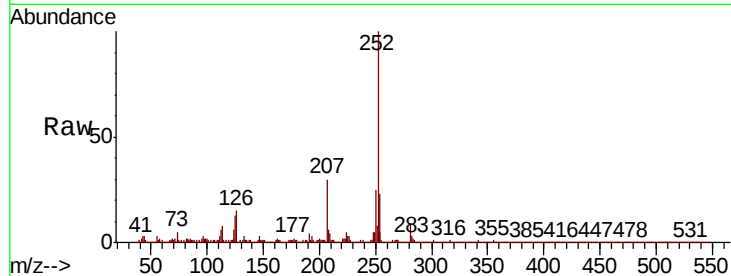
#88
Benzo(b)fluoranthene
Concen: 3.498 ng
RT: 22.74 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BP003008.D
Acq: 17 Aug 2020 18:19

Instrument :
BNA_P
ClientSampleId :
S707-N-SO-0-0.5-081320

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	12.6	9.4	14.2

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#90
Benzo(a)pyrene
Concen: 2.574 ng
RT: 23.32 min Scan# 3473
Delta R.T. -0.01 min
Lab File: BP003008.D
Acq: 17 Aug 2020 18:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	12.5	9.9	14.9

