

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
 Data File : BP003170.D
 Acq On : 01 Sep 2020 16:59
 Operator : CG/JU
 Sample : L3848-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LINDEN-BH-02-B

Manual Integrations
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Quant Time: Sep 08 08:31:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	149479	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	607603	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	390300	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	874766	20.00	ng	0.00
76) Chrysene-d12	21.14	240	1106456	20.00	ng	0.00
86) Perylene-d12	23.37	264	1404173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	650719	76.97	ng	0.00
7) Phenol-d6	6.83	99	798726	75.36	ng	0.00
23) Nitrobenzene-d5	8.80	82	460861	54.68	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	422560	80.05	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	1408790	52.86	ng	0.00
79) Terphenyl-d14	19.62	244	2318504	46.11	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.75	163	149293	5.016	ng	100
71) Phenanthrene	17.09	178	442037	9.326	ng	99
75) Fluoranthene	19.06	202	664132	12.123	ng	99
78) Pyrene	19.42	202	565753	7.878	ng	100
81) Benzo(a)anthracene	21.12	228	328352	4.738	ng	99
83) Chrysene	21.17	228	305452	4.603	ng	98
88) Benzo(b)fluoranthene	22.70	252	455939m	5.224	ng	
90) Benzo(a)pyrene	23.27	252	329846	4.074	ng	99
92) Benzo(g,h,i)perylene	26.32	276	235436	2.727	ng	100

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

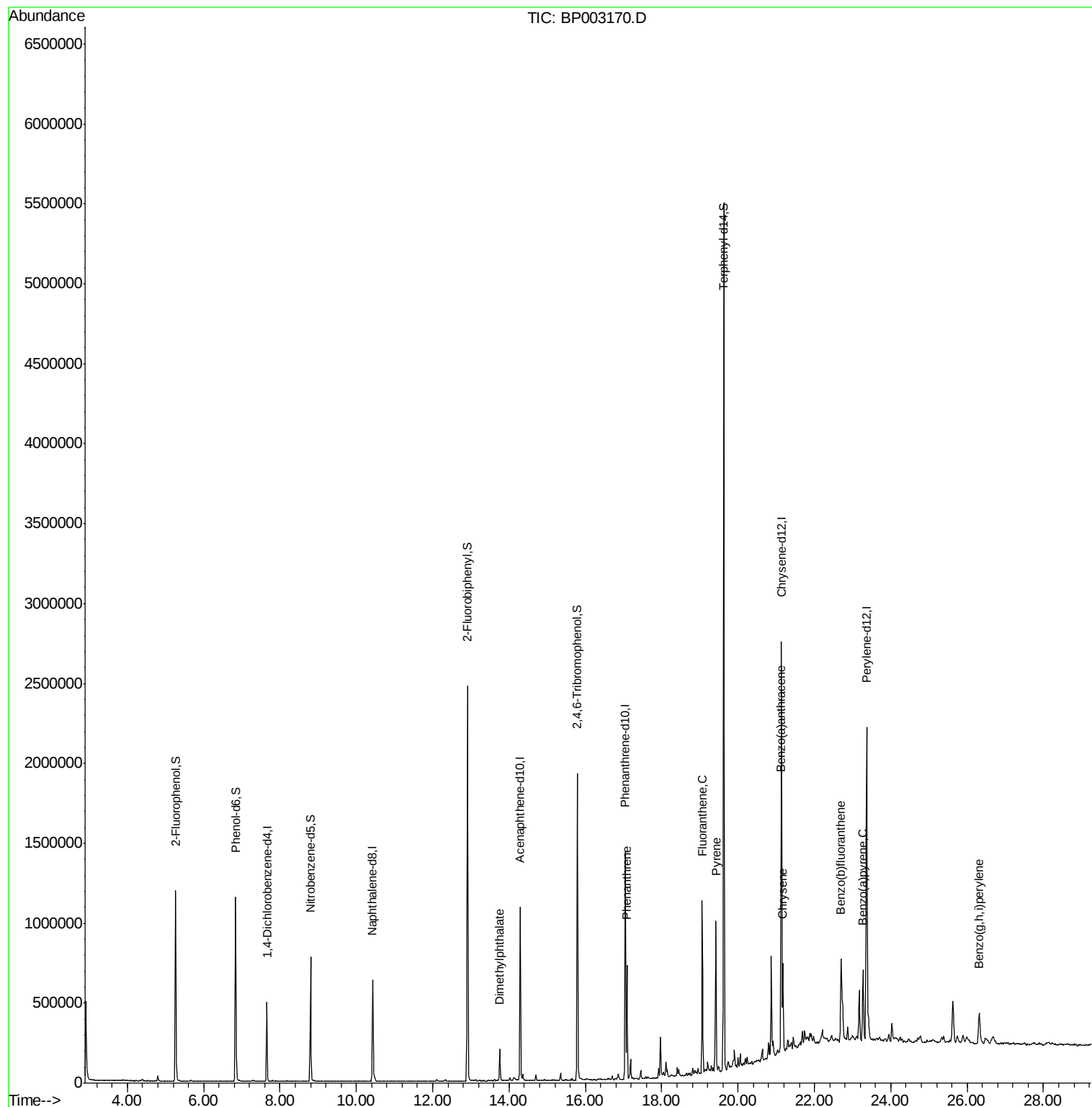
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
Data File : BP003170.D
Acq On : 01 Sep 2020 16:59
Operator : CG/JU
Sample : L3848-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

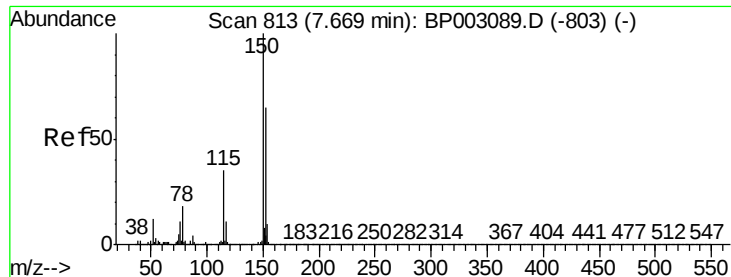
Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-02-B

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#1

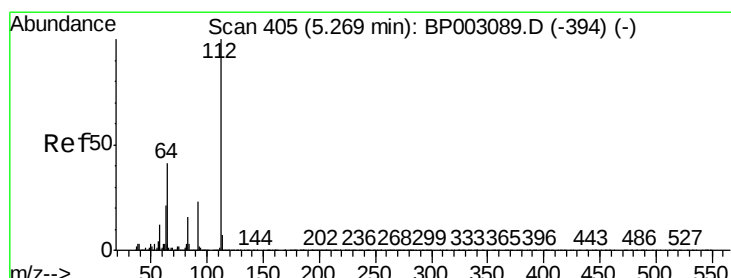
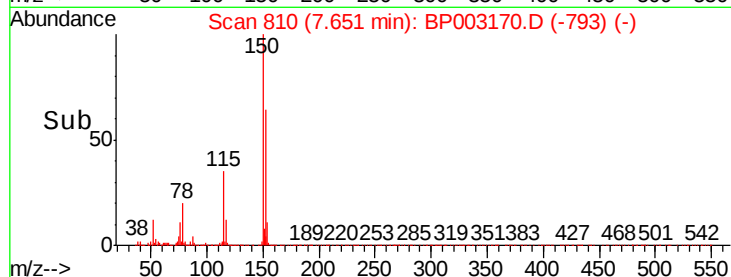
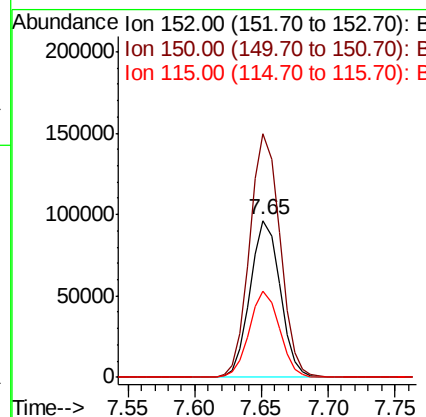
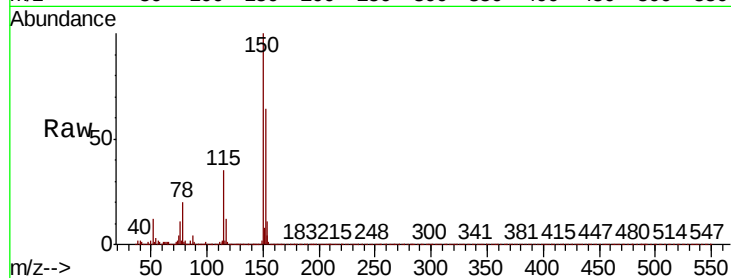
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BP003170.D
Acq: 01 Sep 2020 16:59

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-02-B

Tot Ion	Ratio	Resp	Lower	Upper
152	100	149479		
150	155.1	123.8	185.6	
115	54.9	43.8	65.6	

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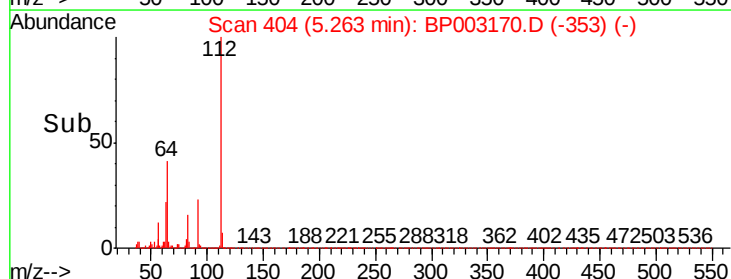
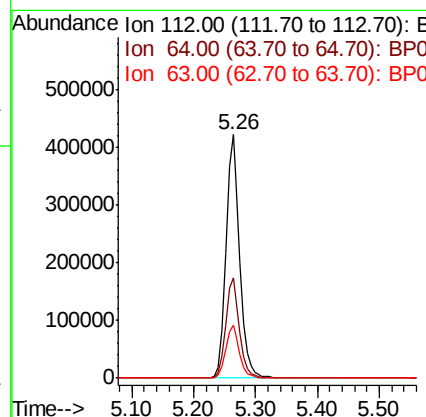
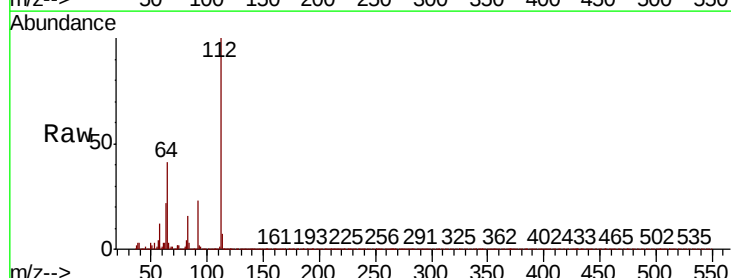
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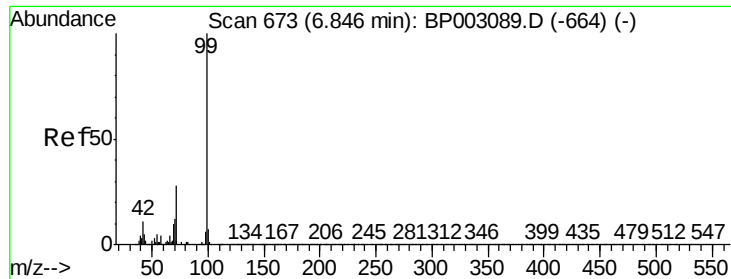


#5

2-Fluorophenol
Concen: 76.967 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003170.D
Acq: 01 Sep 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	650719		
64	41.0	32.8	49.2	
63	21.9	17.0	25.4	





#7

Phenol-d6

Concen: 75.363 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.00 min

Lab File: BP003170.D

Acq: 01 Sep 2020 16:59

Instrument :

BNA_P

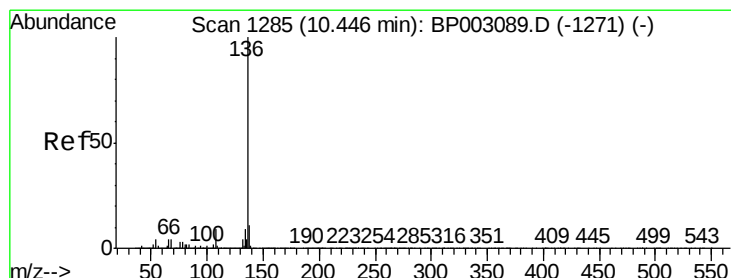
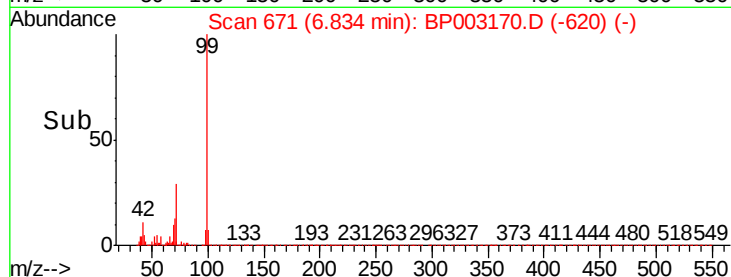
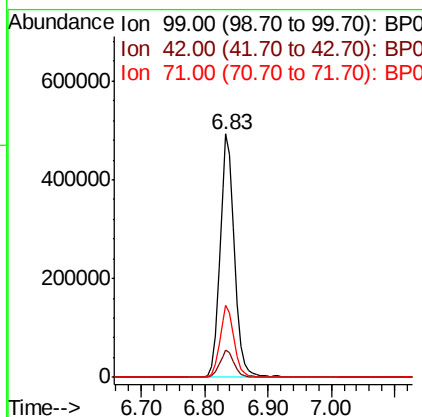
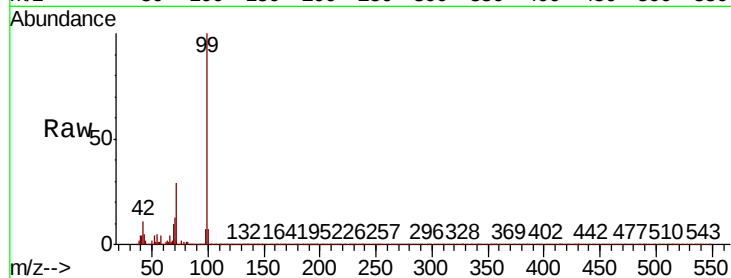
ClientSampleId :

LINDEN-BH-02-B

Tot Ion:	99	Resp:	798726
Ion Ratio	Lower	Upper	
99	100		
42	11.2	8.6	13.0
71	29.4	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.000 ng

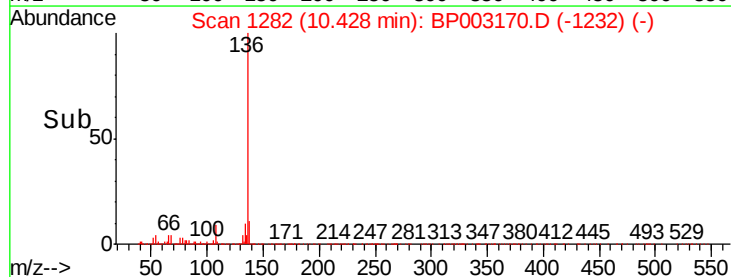
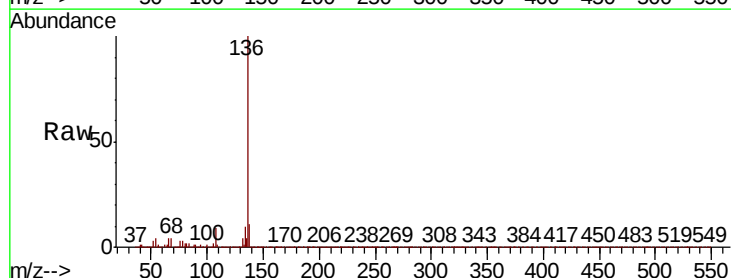
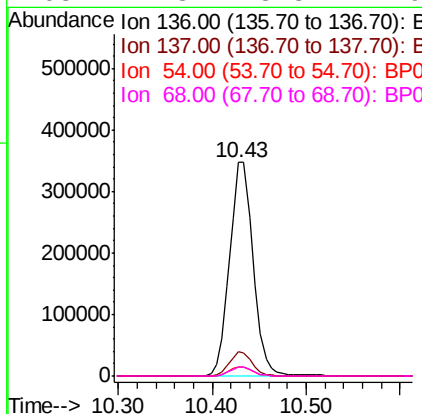
RT: 10.43 min Scan# 1282

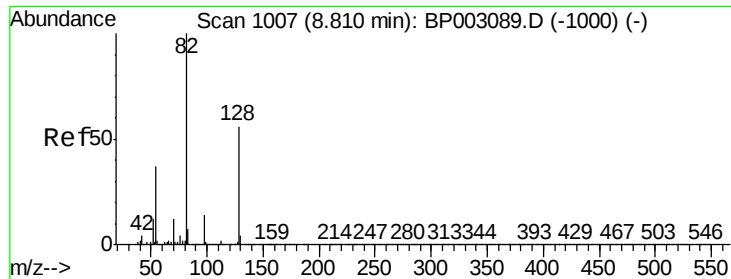
Delta R.T. -0.01 min

Lab File: BP003170.D

Acq: 01 Sep 2020 16:59

Tgt Ion:	136	Resp:	607603
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	13.0
54	4.5	3.6	5.4
68	4.3	3.3	4.9





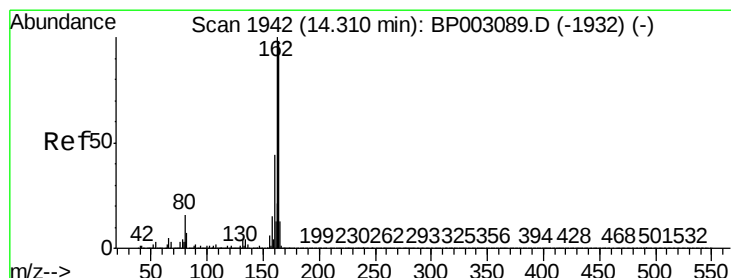
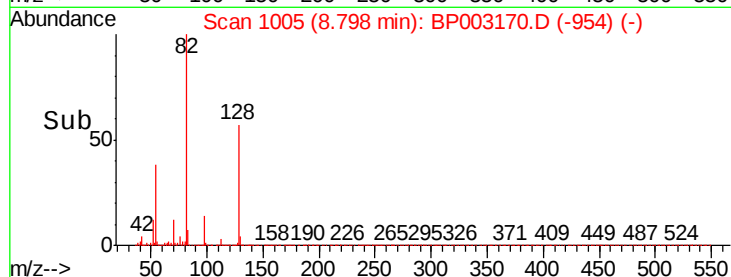
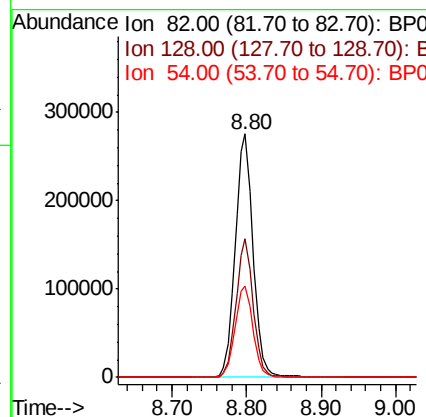
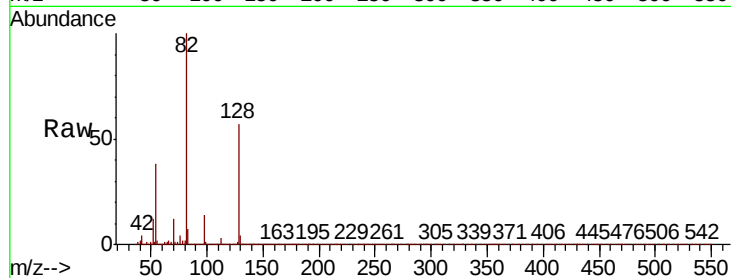
#23
 Nitrobenzene-d5
 Concen: 54.680 ng
 RT: 8.80 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BP003170.D
 Acq: 01 Sep 2020 16:59

Instrument :
 BNA_P
 ClientSampleId :
 LINDEN-BH-02-B

Tot Ion	82	Resp	460861
Ion Ratio	Lower	Upper	
82	100		
128	56.9	45.6	68.4
54	37.7	30.1	45.1

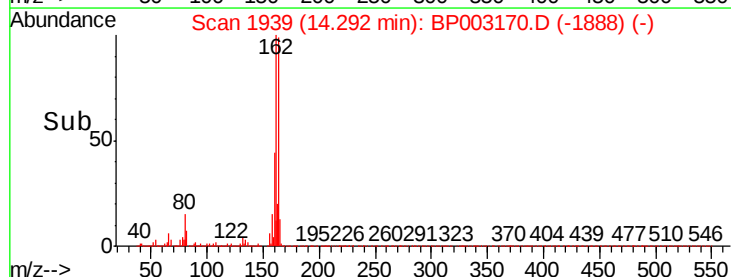
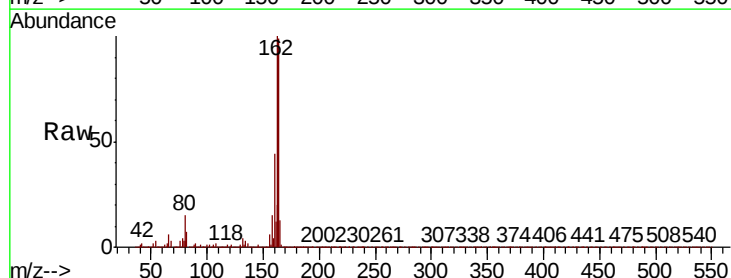
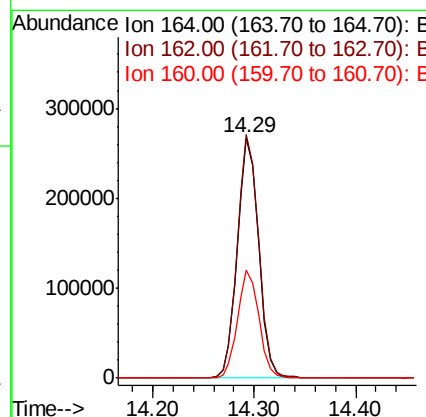
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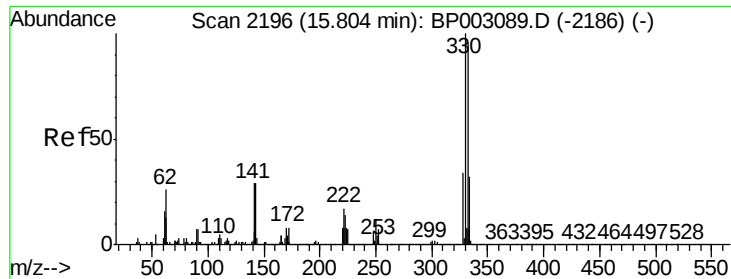
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: BP003170.D
 Acq: 01 Sep 2020 16:59

Tgt Ion	164	Resp	390300
Ion Ratio	Lower	Upper	
164	100		
162	101.4	79.4	119.2
160	45.0	36.1	54.1





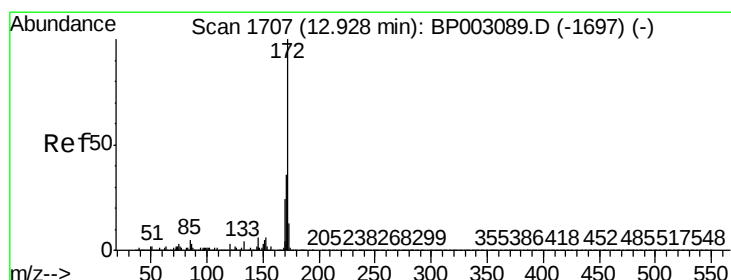
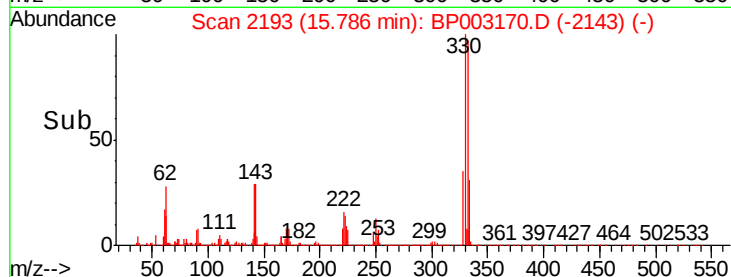
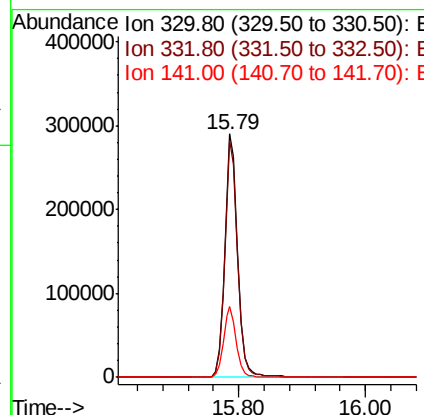
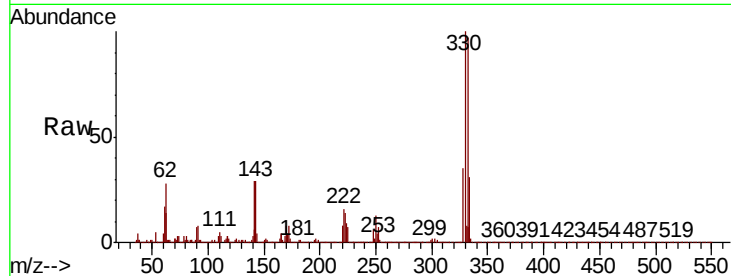
#42
 2,4,6-Tribromophenol
 Concen: 80.050 ng
 RT: 15.79 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BP003170.D
 Acq: 01 Sep 2020 16:59

Instrument :
 BNA_P
 ClientSampleId :
 LINDEN-BH-02-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100	422560		
332	97.0		77.1	115.7
141	28.9		23.4	35.2

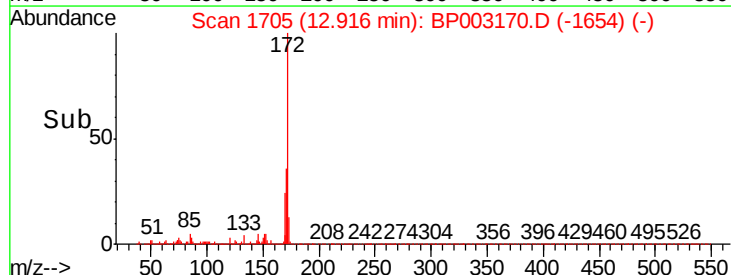
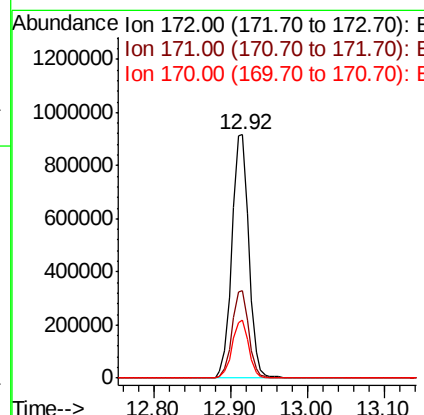
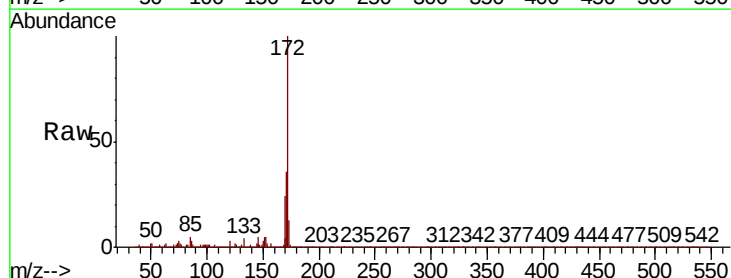
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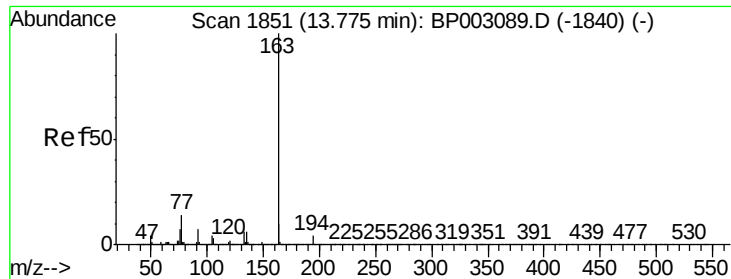
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#45
 2-Fluorobiphenyl
 Concen: 52.859 ng
 RT: 12.92 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BP003170.D
 Acq: 01 Sep 2020 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1408790		
171	35.8		28.5	42.7
170	23.6		19.2	28.8





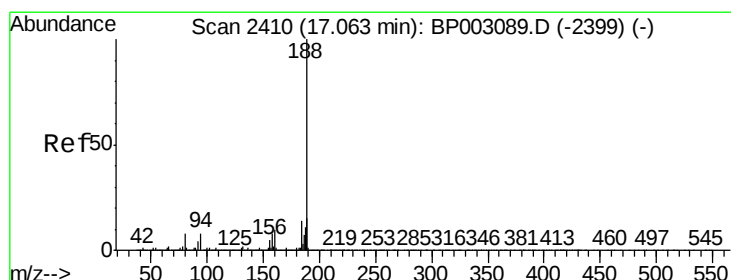
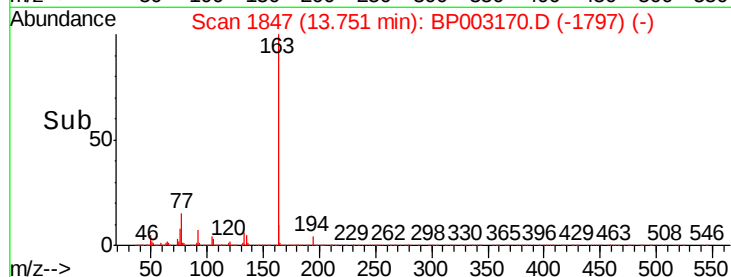
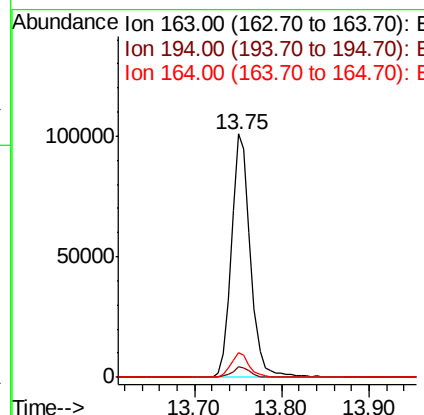
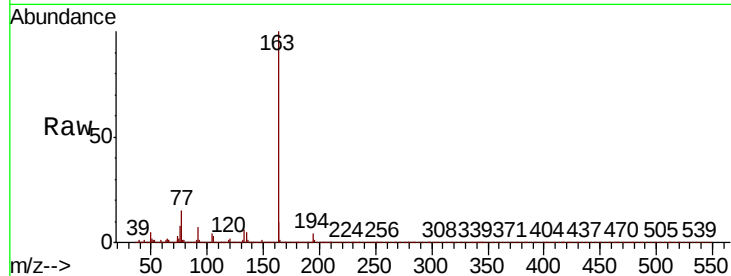
#50
Dimethylphthalate
Concen: 5.016 ng
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BP003170.D
Acq: 01 Sep 2020 16:59

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-02-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	4.3	3.3	4.9		
164	10.1	8.2	12.2		

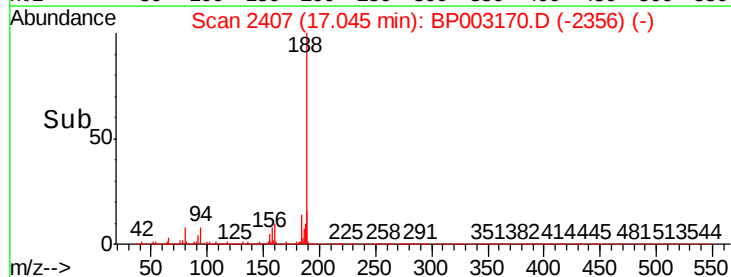
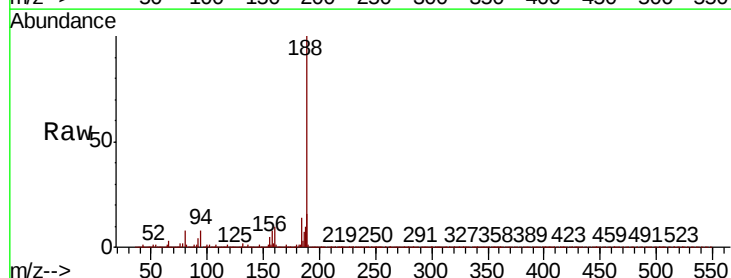
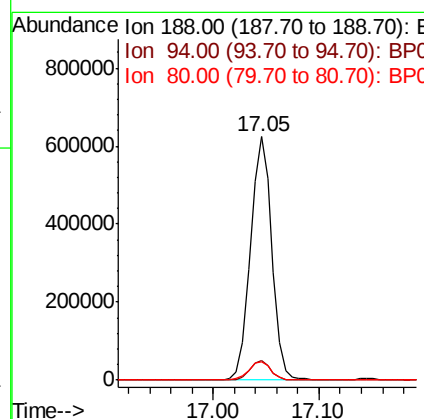
Manual Integrations
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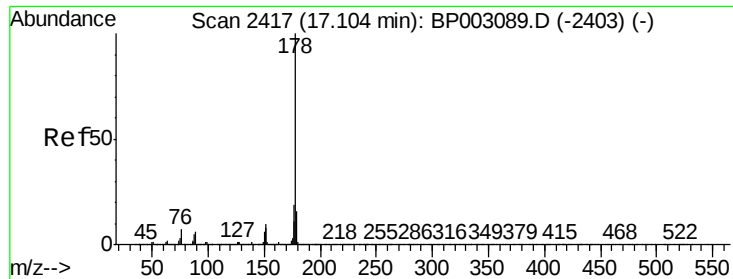
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BP003170.D
Acq: 01 Sep 2020 16:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.8	6.2	9.2		
80	7.7	6.2	9.2		





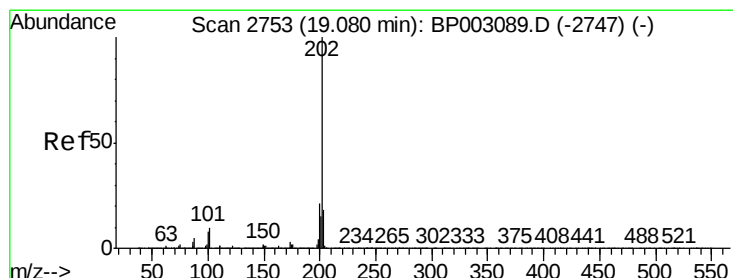
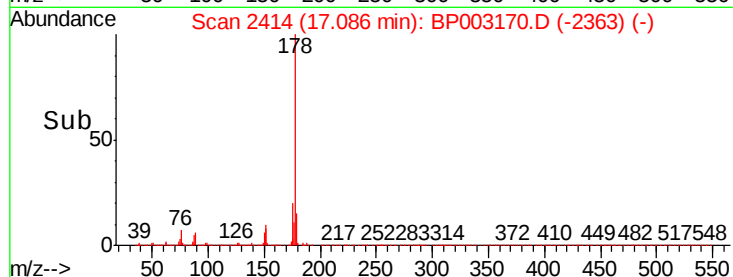
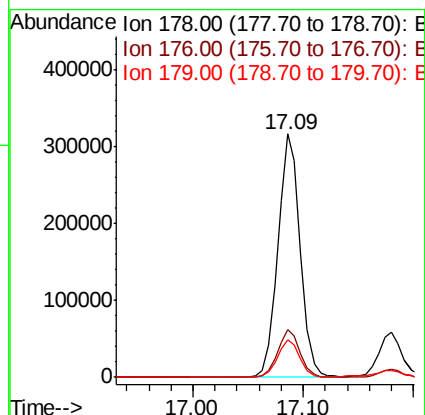
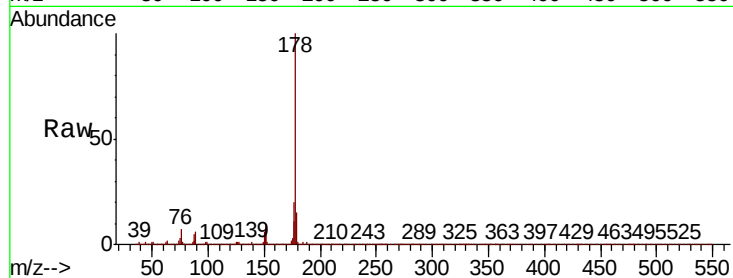
#71
Phenanthrene
Concen: 9.326 ng
RT: 17.09 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BP003170.D
Acq: 01 Sep 2020 16:59

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-02-B

Tot Ion:178	Resp:	442037
Ion Ratio	Lower	Upper
178	100	
176	19.5	15.3 22.9
179	15.3	12.5 18.7

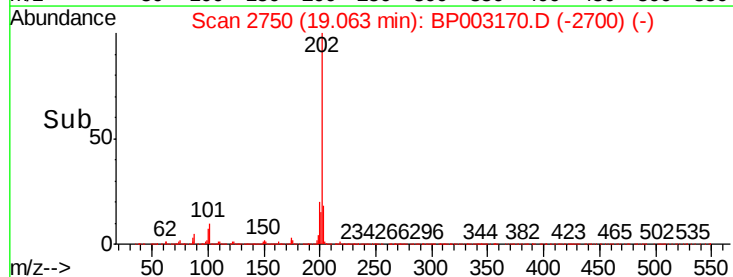
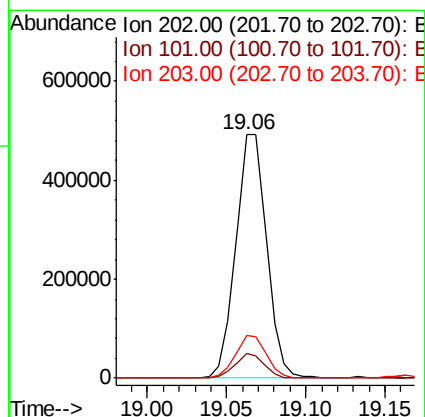
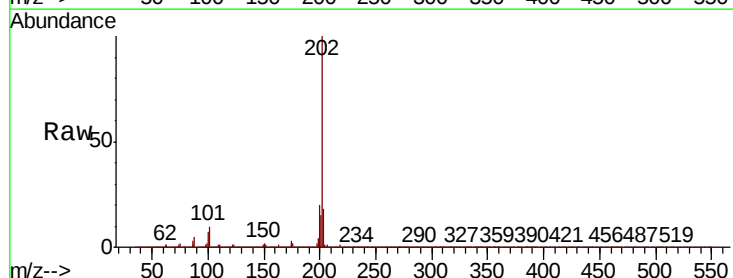
Manual Integrations
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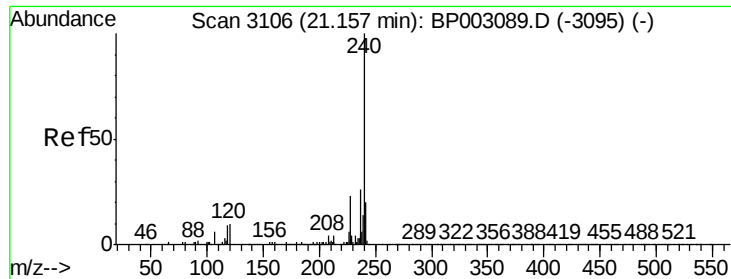
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#75
Fluoranthene
Concen: 12.123 ng
RT: 19.06 min Scan# 2750
Delta R.T. -0.01 min
Lab File: BP003170.D
Acq: 01 Sep 2020 16:59

Tgt Ion:202	Resp:	664132
Ion Ratio	Lower	Upper
202	100	
101	10.1	0.0 29.4
203	17.8	0.0 37.8





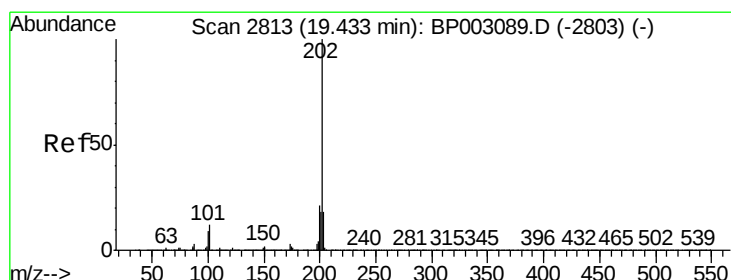
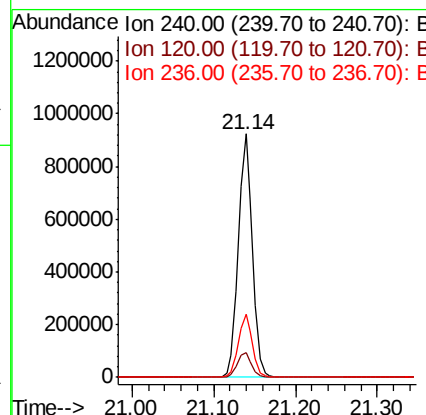
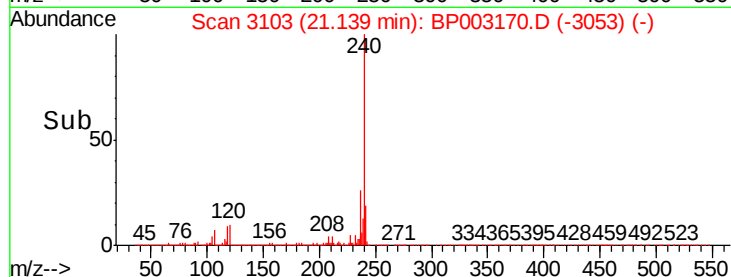
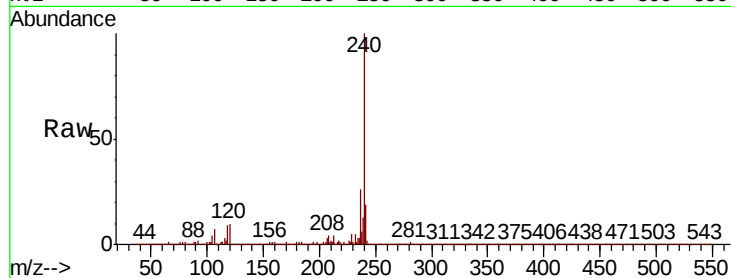
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BP003170.D
Acq: 01 Sep 2020 16:59

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-02-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.8	11.6
236	26.2	20.8	31.2

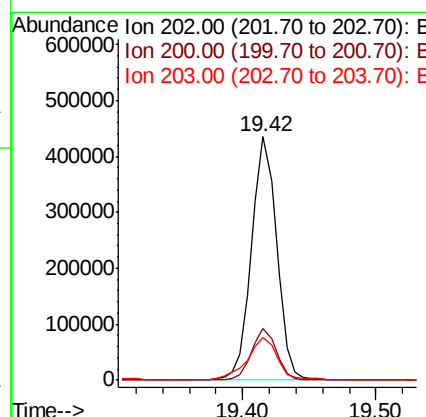
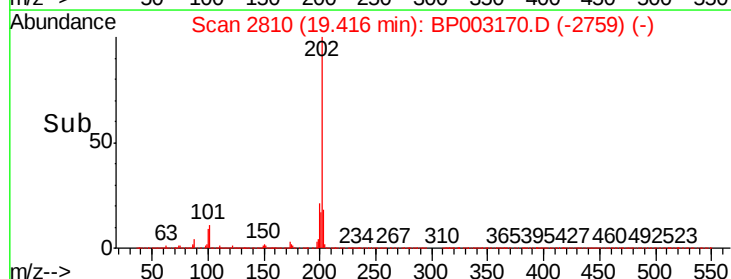
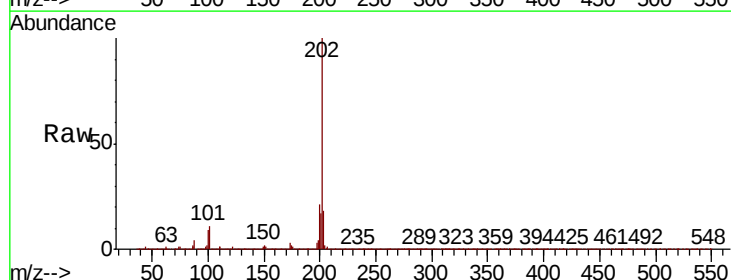
Manual Integrations
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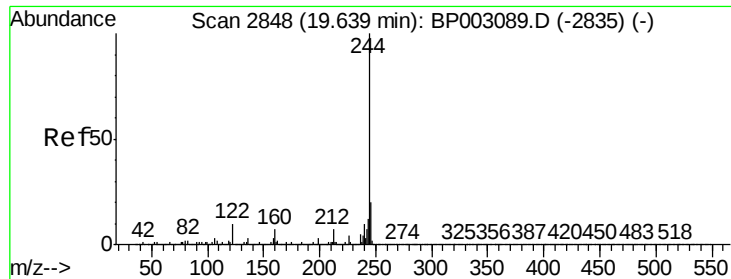
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#78
Pyrene
Concen: 7.878 ng
RT: 19.42 min Scan# 2810
Delta R.T. -0.00 min
Lab File: BP003170.D
Acq: 01 Sep 2020 16:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.1	25.7
203	17.7	14.2	21.2





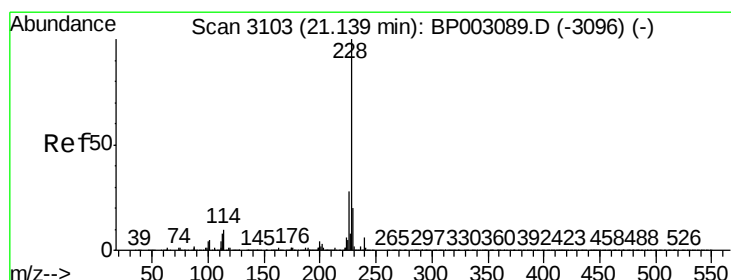
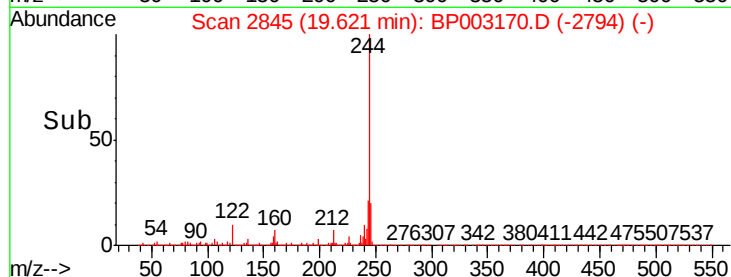
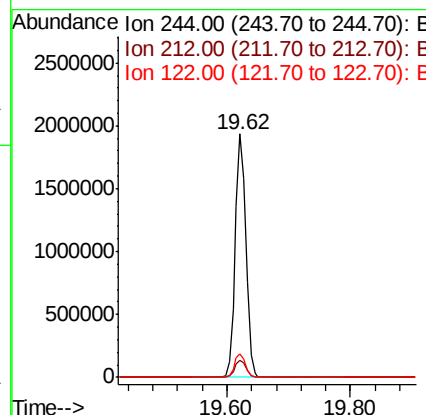
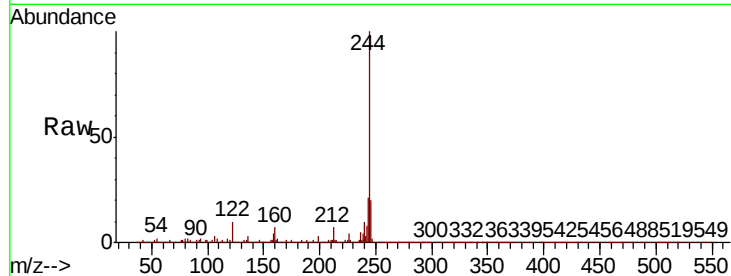
#79
 Terphenyl-d14
 Concen: 46.108 ng
 RT: 19.62 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BP003170.D
 Acq: 01 Sep 2020 16:59

Instrument :
 BNA_P
 ClientSampleId :
 LINDEN-BH-02-B

Tot Ion:244 Resp: 2318504
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 9.9 7.8 11.8

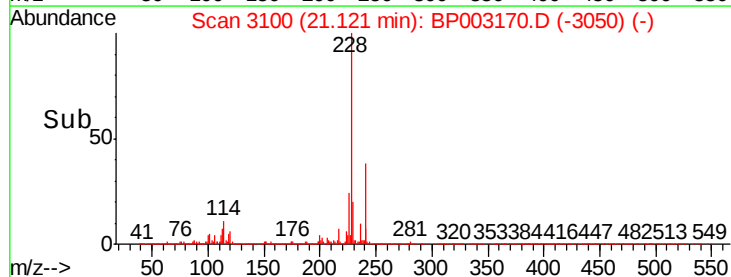
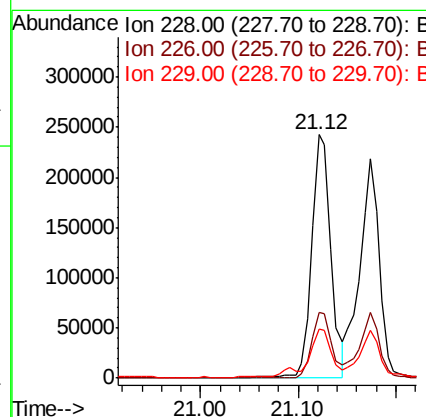
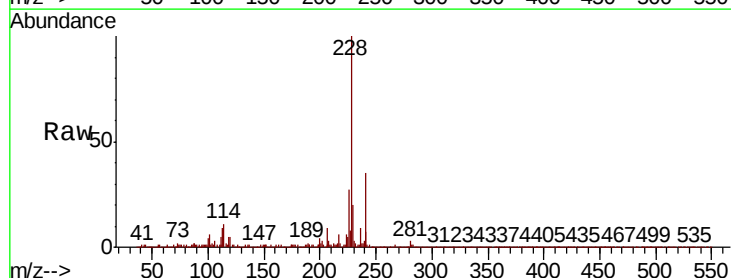
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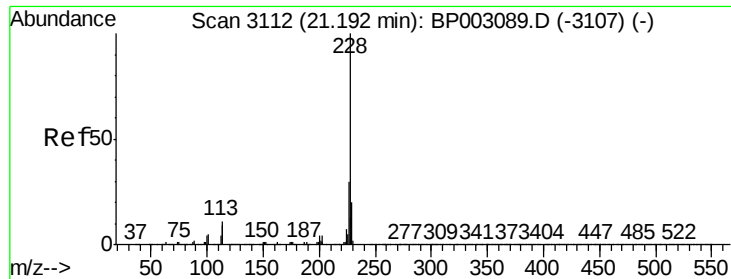
mohammad
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#81
 Benzo(a)anthracene
 Concen: 4.738 ng
 RT: 21.12 min Scan# 3100
 Delta R.T. -0.01 min
 Lab File: BP003170.D
 Acq: 01 Sep 2020 16:59

Tgt Ion:228 Resp: 328352
 Ion Ratio Lower Upper
 228 100
 226 26.9 22.1 33.1
 229 20.1 15.9 23.9





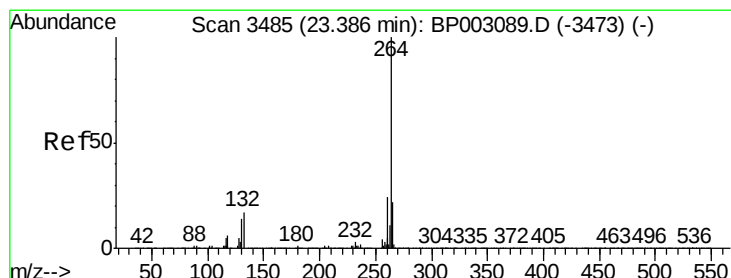
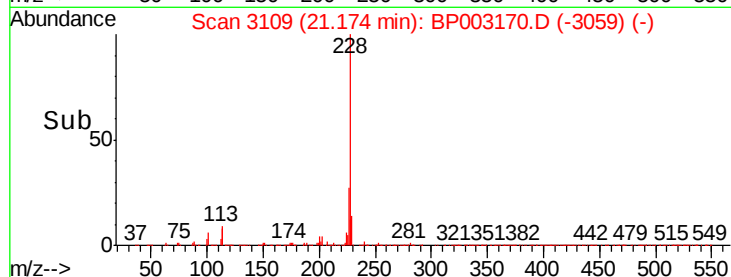
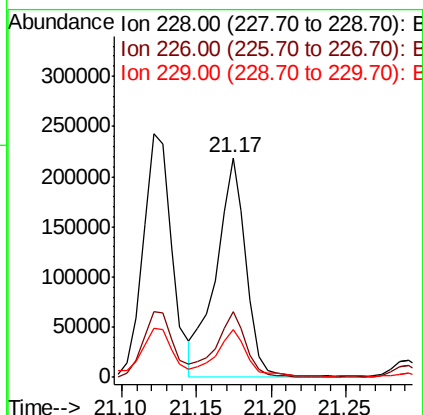
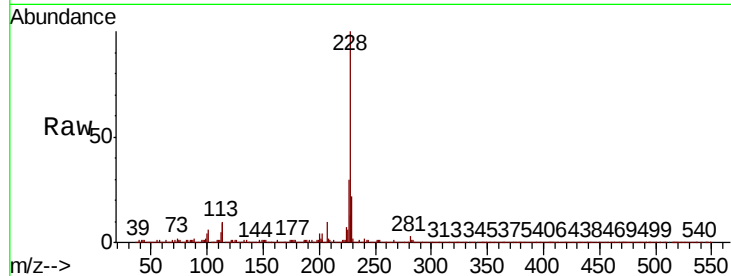
#83
Chrysene
Concen: 4.603 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP003170.D
Acq: 01 Sep 2020 16:59

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-02-B

Tot Ion:	228	Resp:	305452
Ion Ratio	Lower	Upper	
228	100		
226	30.2	24.4	36.6
229	22.0	15.8	23.6

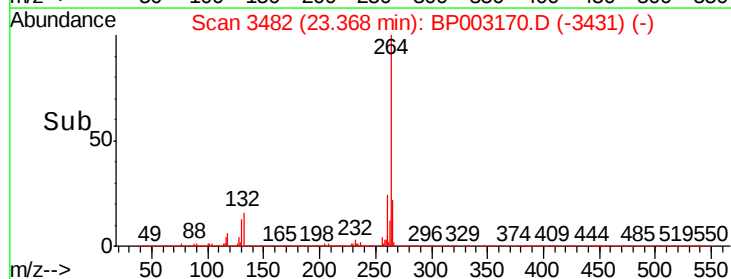
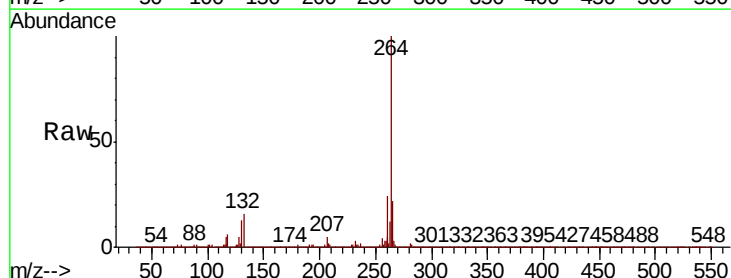
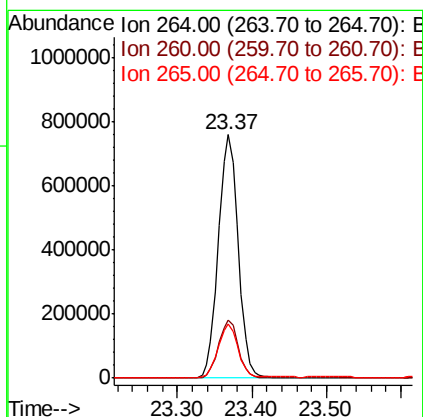
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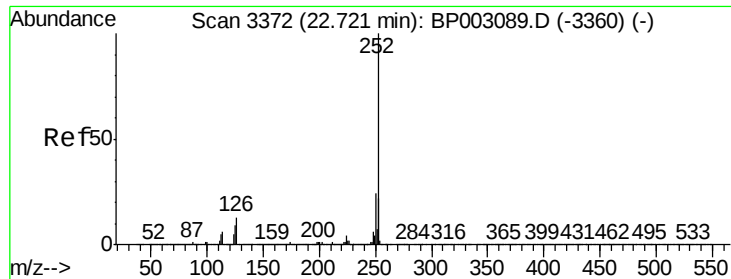
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BP003170.D
Acq: 01 Sep 2020 16:59

Tgt Ion:	264	Resp:	1404173
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.8	28.2
265	22.0	17.4	26.2





#88

Benzo(b)fluoranthene

Concen: 5.224 ng

RT: 22.70 min Scan# 3368

Delta R.T. -0.01 min

Lab File: BP003170.D

Acq: 01 Sep 2020 16:59

Instrument :

BNA_P

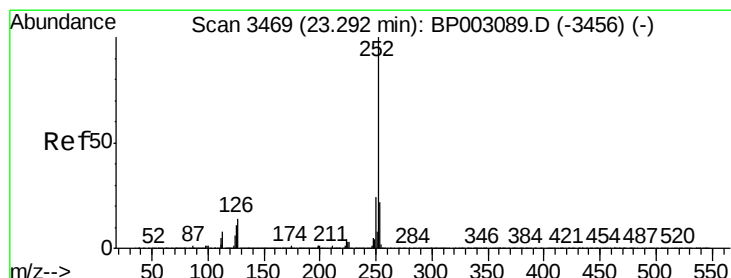
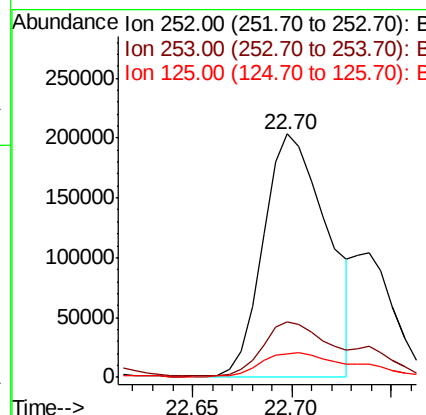
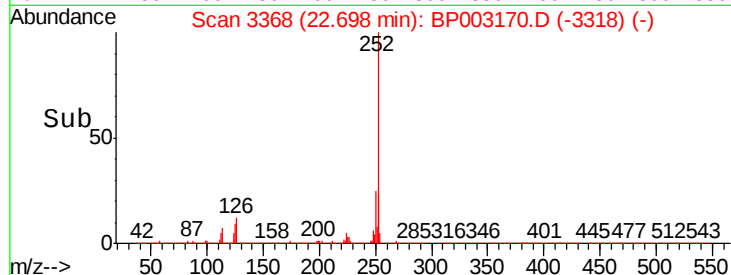
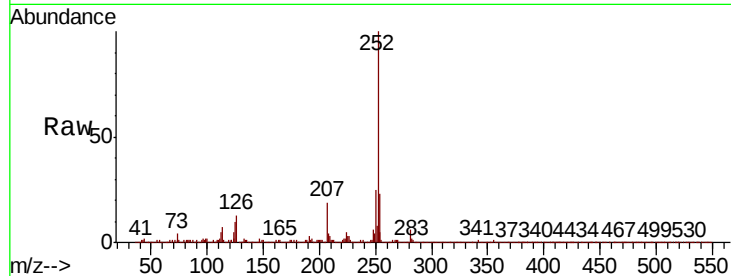
ClientSampleId :

LINDEN-BH-02-B

Tot Ion:	252	Resp:	455939
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.6	26.4
125	9.9	7.3	10.9

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#90

Benzo(a)pyrene

Concen: 4.074 ng

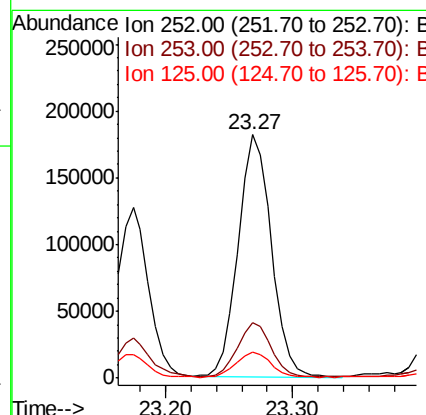
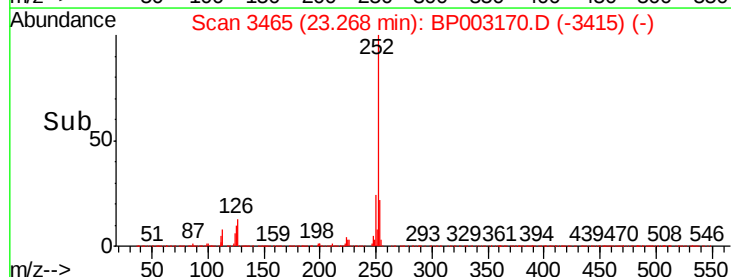
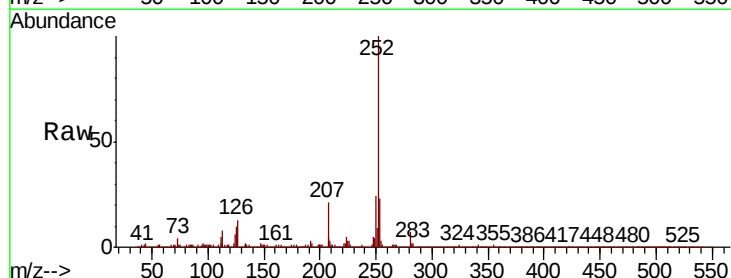
RT: 23.27 min Scan# 3465

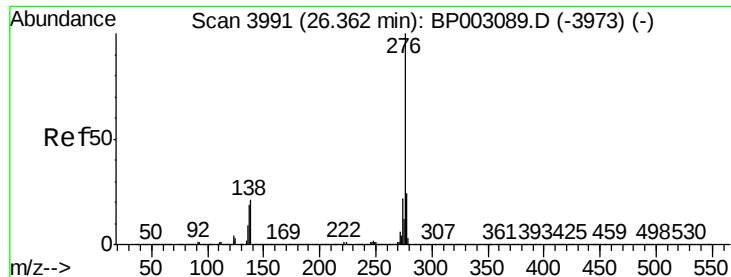
Delta R.T. -0.01 min

Lab File: BP003170.D

Acq: 01 Sep 2020 16:59

Tgt Ion:	252	Resp:	329846
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.0
125	10.5	8.2	12.4





#92
 Benzo(a,h,i)perylene
 Concen: 2.727 ng
 RT: 26.32 min Scan# 3983
 Delta R.T. -0.02 min
 Lab File: BP003170.D
 Acq: 01 Sep 2020 16:59

Instrument :
 BNA_P
 ClientSampleId :
 LINDEN-BH-02-B

Tot Ion:	276	Resp:	235436
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.0	28.6
138	20.8	16.6	24.8

Manual Integrations
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