

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
 Data File : BP003184.D
 Acq On : 02 Sep 2020 13:38
 Operator : CG/JU
 Sample : L3848-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LINDEN-BH-03-C

Manual Integrations
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Quant Time: Sep 08 08:27:43 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	225519	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	920187	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	571098	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1243021	20.00	ng	0.00
76) Chrysene-d12	21.14	240	1171185	20.00	ng	0.00
86) Perylene-d12	23.38	264	1192847	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	826433	64.79	ng	0.00
7) Phenol-d6	6.84	99	1012106	63.30	ng	0.00
23) Nitrobenzene-d5	8.80	82	593860	46.53	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	507834	65.75	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	1730342	44.37	ng	0.00
79) Terphenyl-d14	19.63	244	2555386	48.01	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.75	163	263482	6.050	ng	100
71) Phenanthrene	17.09	178	229489	3.407	ng	98
75) Fluoranthene	19.07	202	535065	6.873	ng	100
78) Pyrene	19.42	202	565006	7.433	ng	99
81) Benzo(a)anthracene	21.13	228	311517	4.246	ng	97
83) Chrysene	21.18	228	282749	4.025	ng	97
88) Benzo(b)fluoranthene	22.70	252	360610m	4.864	ng	
90) Benzo(a)pyrene	23.28	252	259649	3.775	ng	# 89
92) Benzo(g,h,i)perylene	26.34	276	193097	2.633	ng	94

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

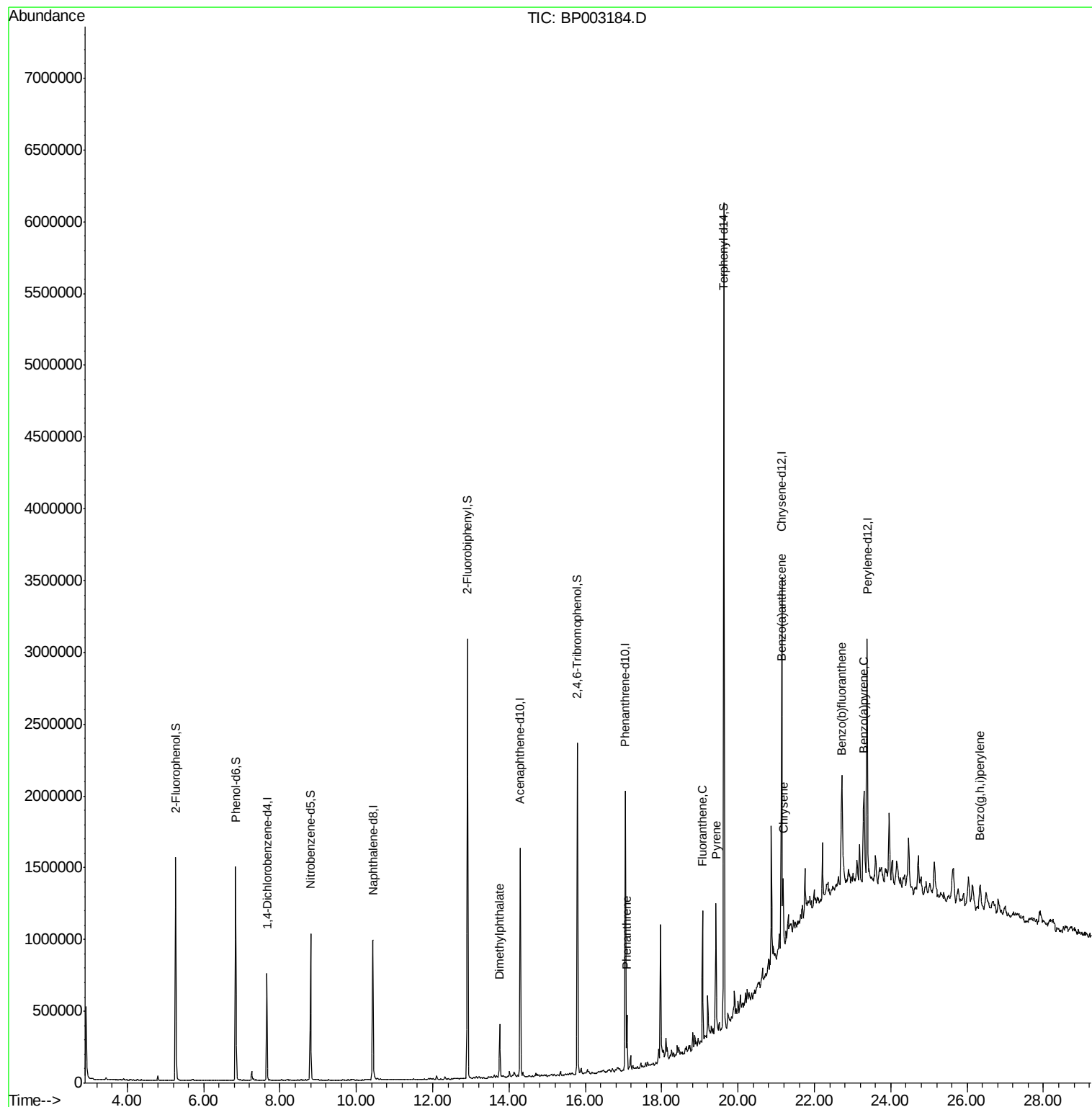
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090220\
Data File : BP003184.D
Acq On : 02 Sep 2020 13:38
Operator : CG/JU
Sample : L3848-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

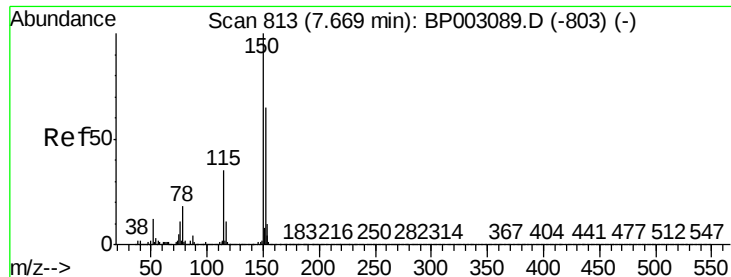
Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-03-C

Quant Time: Sep 08 08:27:43 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
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#1

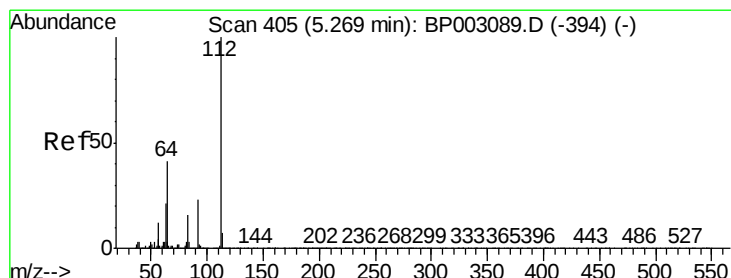
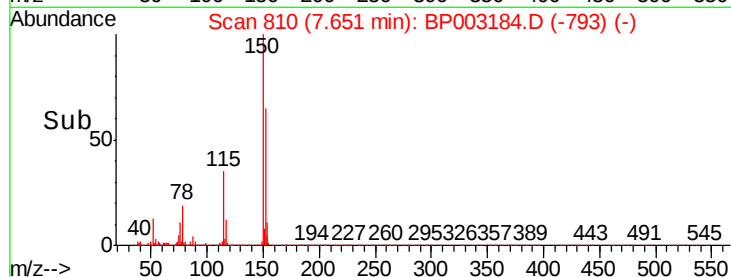
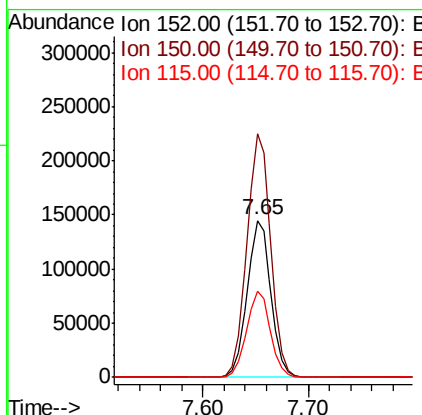
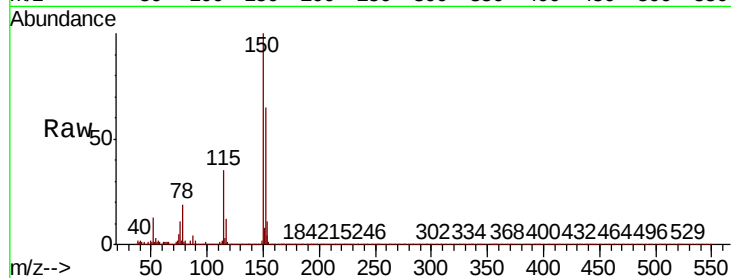
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-03-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.8	185.6
115	54.9	43.8	65.6

Manual Integrations
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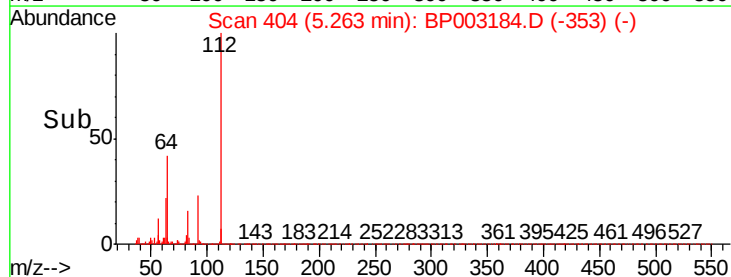
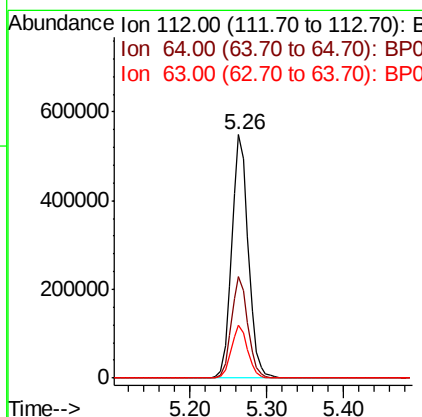
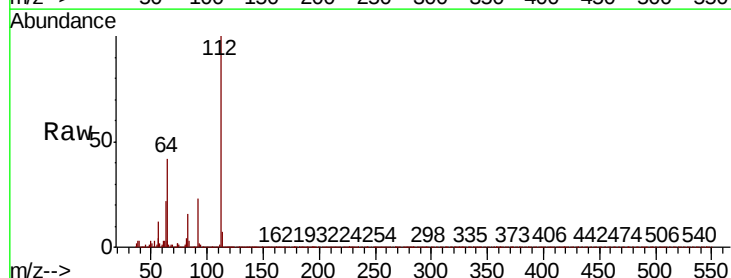
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#5

2-Fluorophenol
Concen: 64.791 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.6	32.8	49.2
63	21.8	17.0	25.4





#7

Phenol-d6

Concen: 63.297 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003184.D

Acq: 02 Sep 2020 13:38

Instrument :

BNA_P

ClientSampleId :

LINDEN-BH-03-C

Tot Ion: 99 Resp: 1012106

Ion Ratio Lower Upper

99 100

42 11.1 8.6 13.0

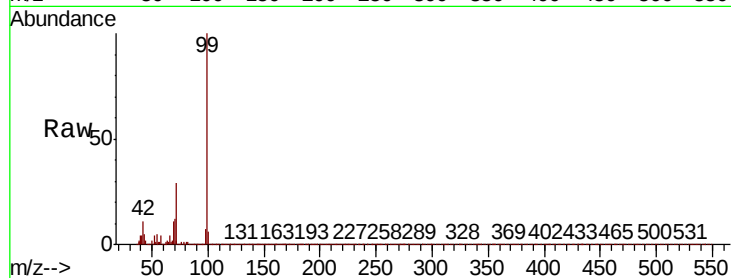
71 28.8 23.4 35.2

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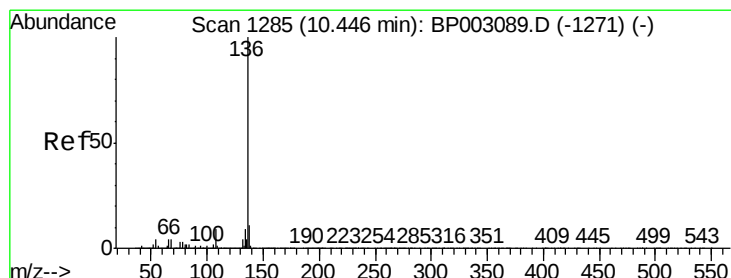
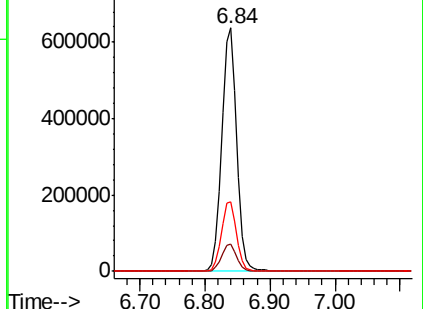
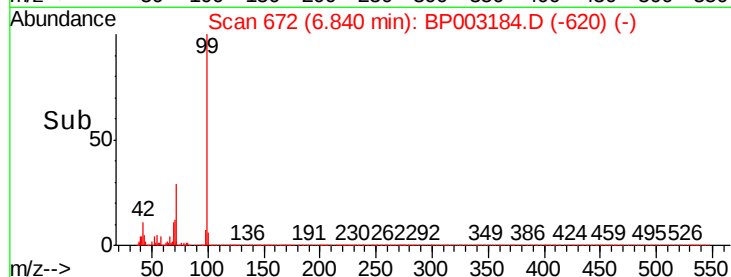
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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.43 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BP003184.D

Acq: 02 Sep 2020 13:38

Tgt Ion: 136 Resp: 920187

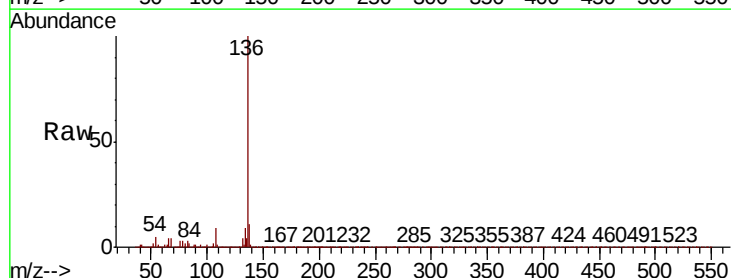
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 4.6 3.6 5.4

68 4.4 3.3 4.9

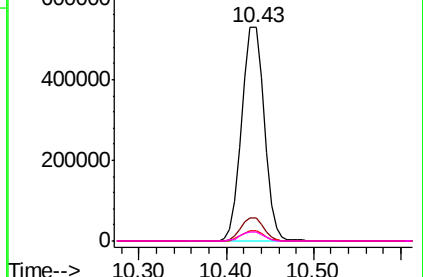
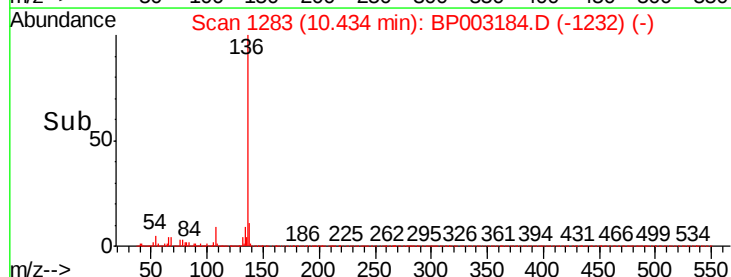


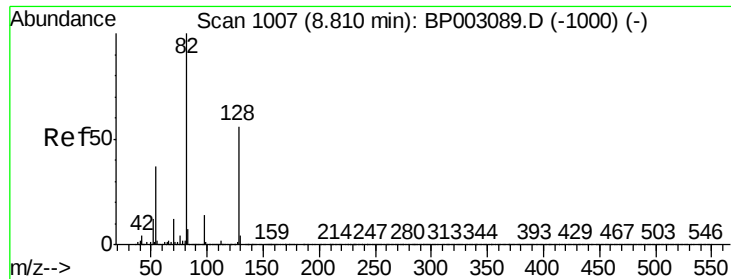
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0





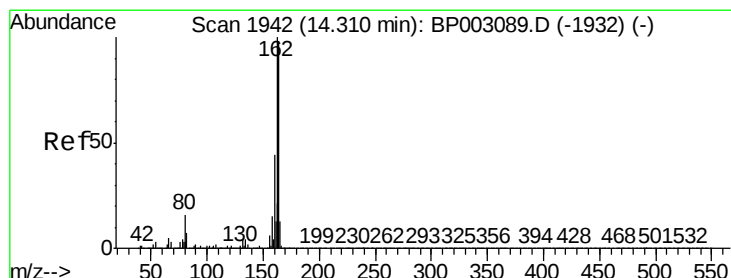
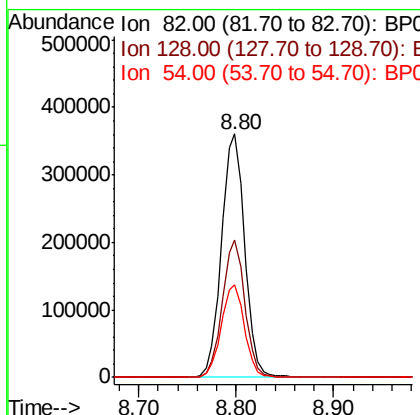
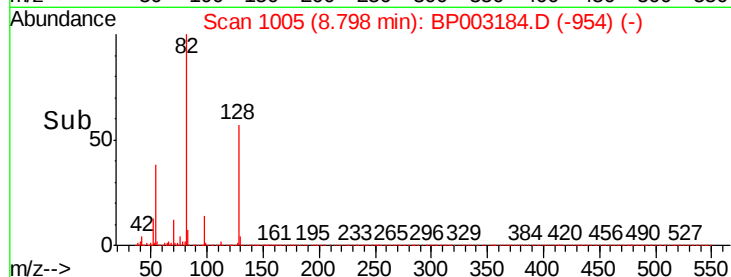
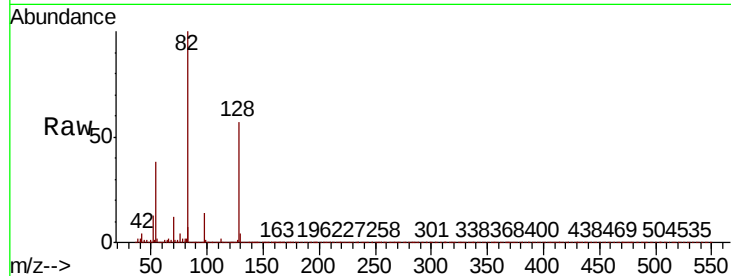
#23
Nitrobenzene-d5
Concen: 46.525 ng
RT: 8.80 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-03-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	56.5	45.6	68.4
54	38.1	30.1	45.1

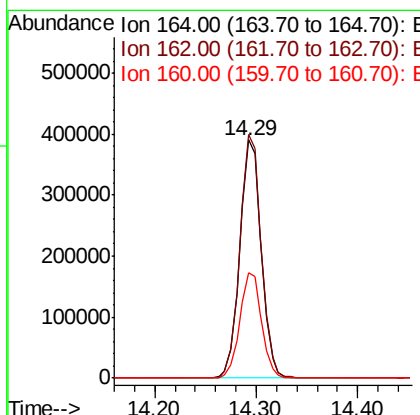
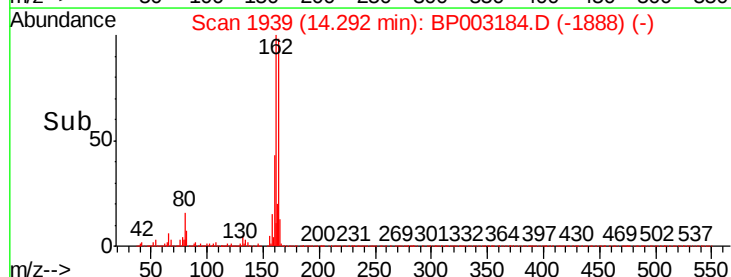
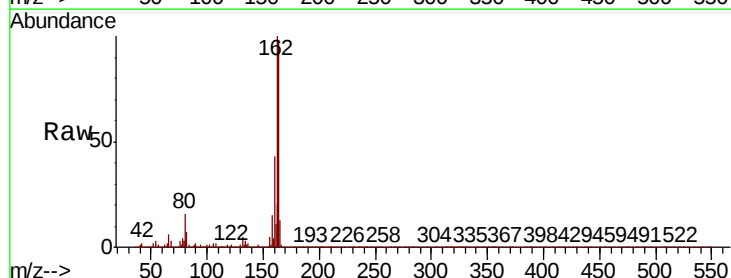
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	79.4	119.2
160	44.2	36.1	54.1





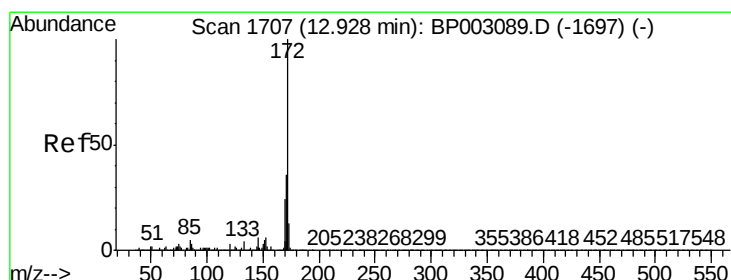
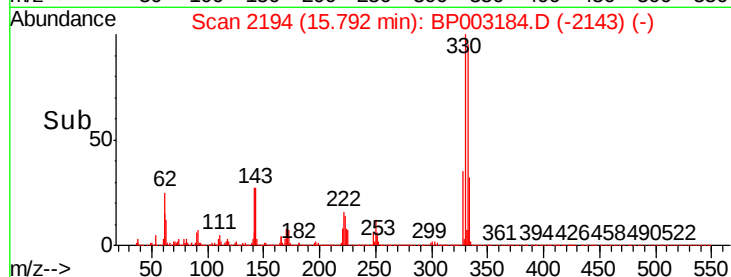
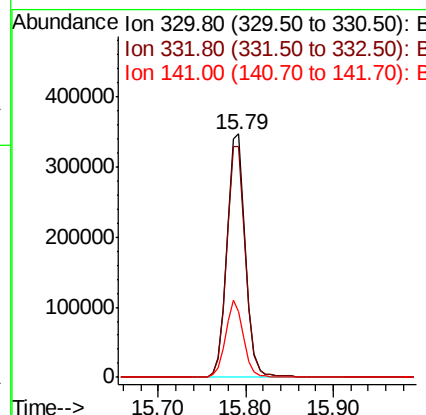
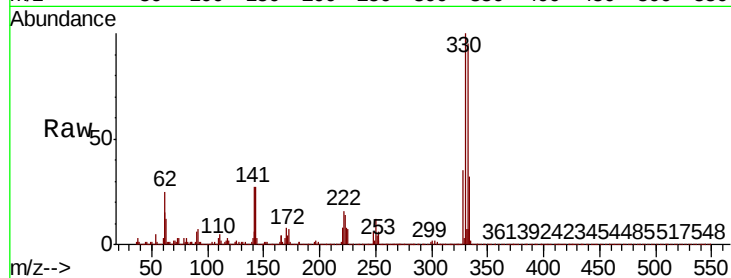
#42
 2,4,6-Tribromophenol
 Concen: 65.748 ng
 RT: 15.79 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BP003184.D
 Acq: 02 Sep 2020 13:38

Instrument :
 BNA_P
 ClientSampleId :
 LINDEN-BH-03-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	30.3	23.4	35.2

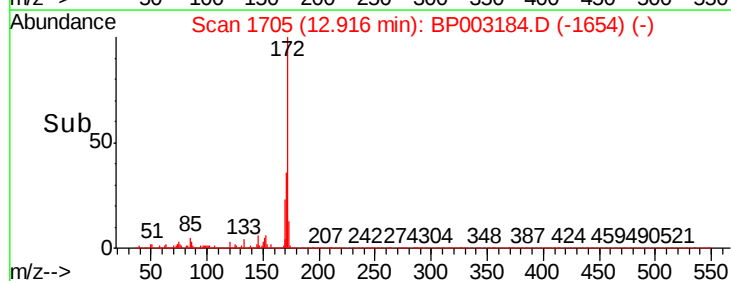
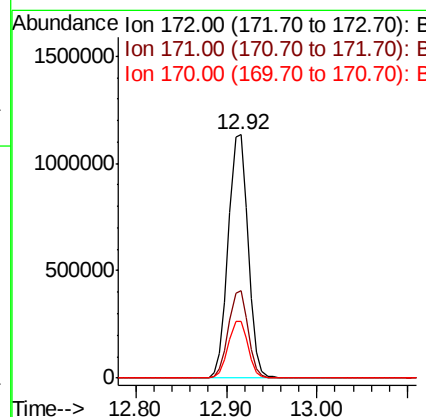
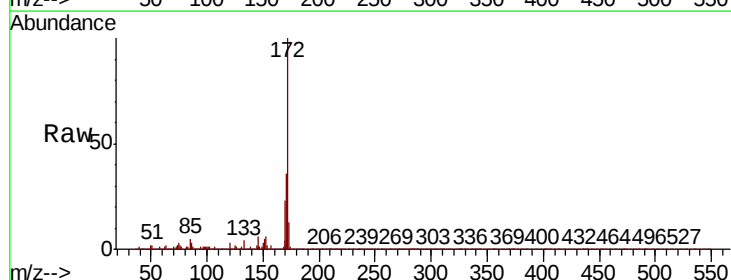
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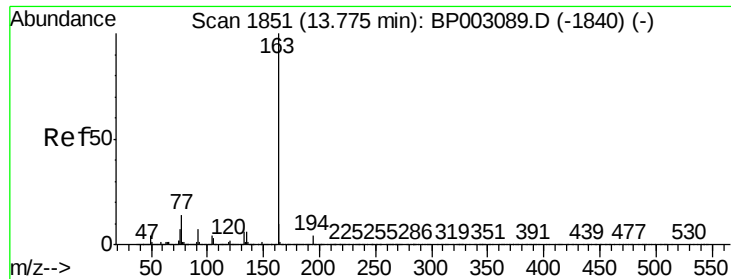
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#45
 2-Fluorobiphenyl
 Concen: 44.371 ng
 RT: 12.92 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BP003184.D
 Acq: 02 Sep 2020 13:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.5	19.2	28.8





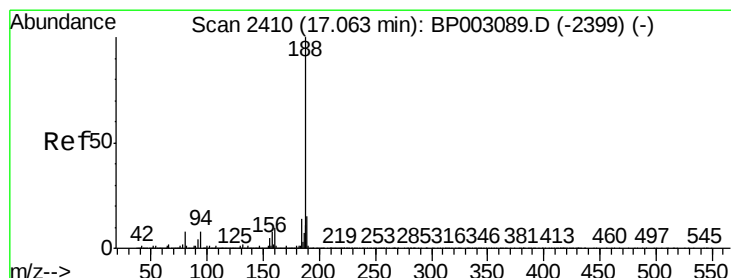
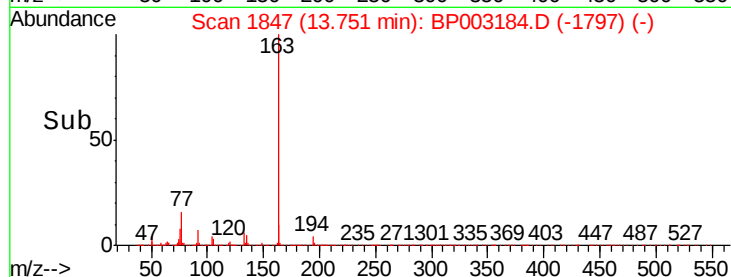
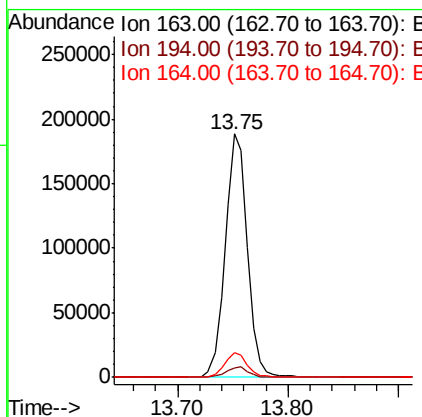
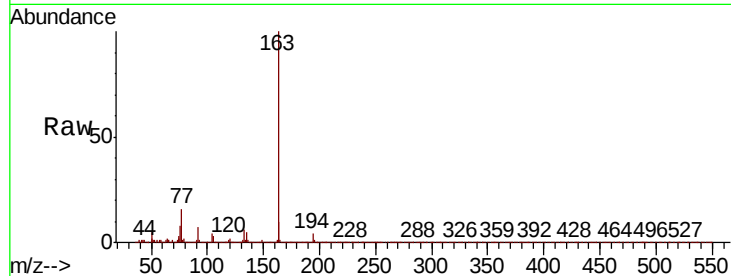
#50
Dimethylphthalate
Concen: 6.050 ng
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-03-C

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.2	8.2	12.2

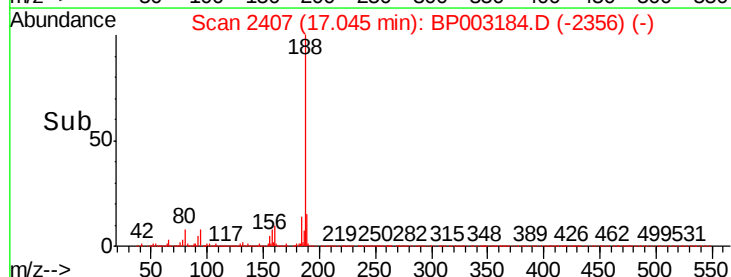
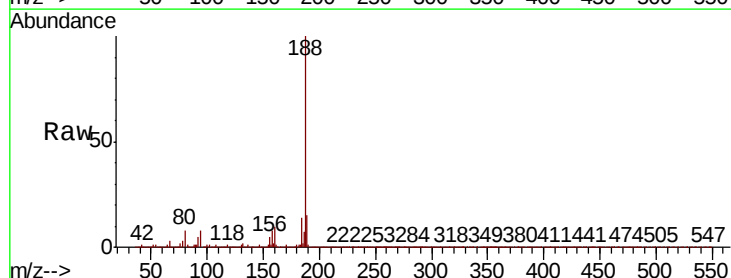
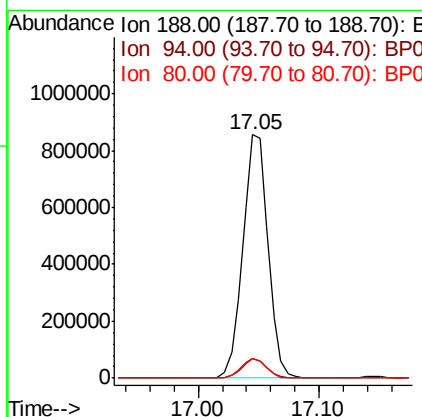
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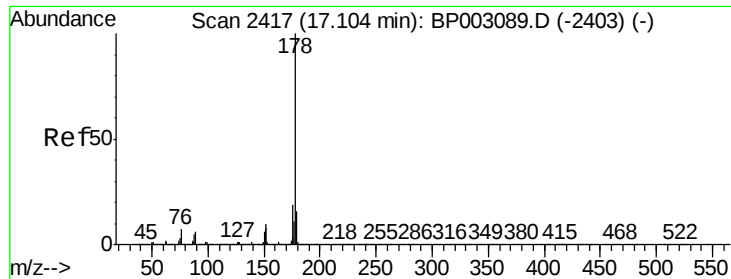
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.2	9.2
80	8.0	6.2	9.2





#71

Phenanthrene

Concen: 3.407 ng

RT: 17.09 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BP003184.D

Acq: 02 Sep 2020 13:38

Instrument :

BNA_P

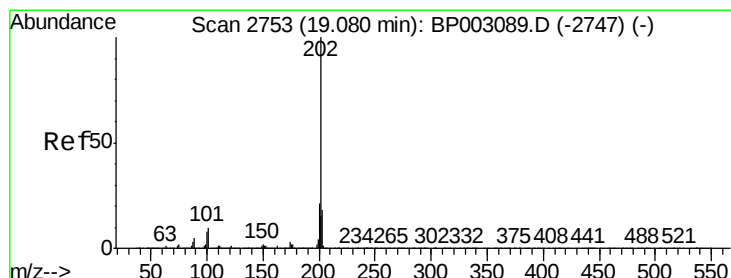
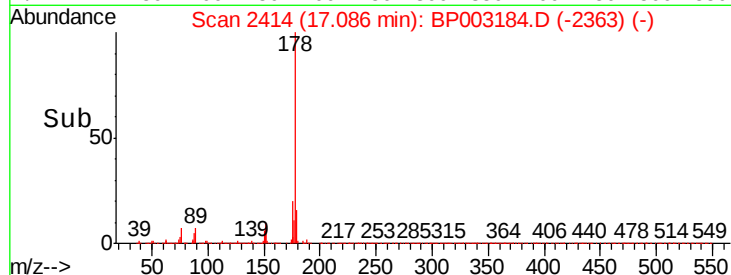
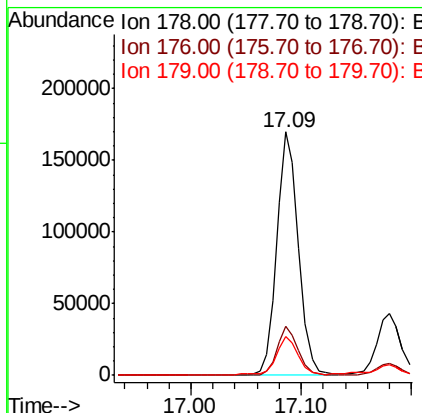
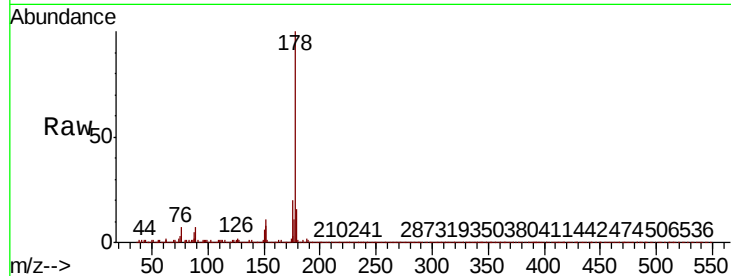
ClientSampleId :

LINDEN-BH-03-C

Tot Ion:	178	Resp:	229489
Ion Ratio	Lower	Upper	
178	100		
176	20.2	15.3	22.9
179	16.1	12.5	18.7

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#75

Fluoranthene

Concen: 6.873 ng

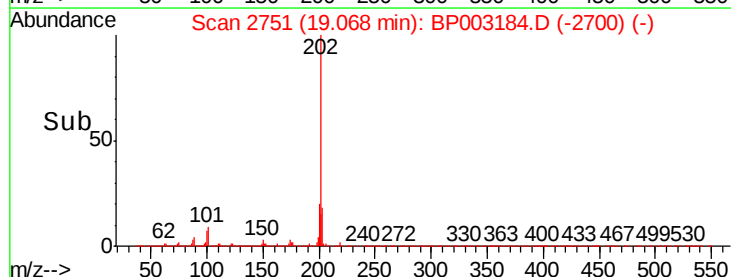
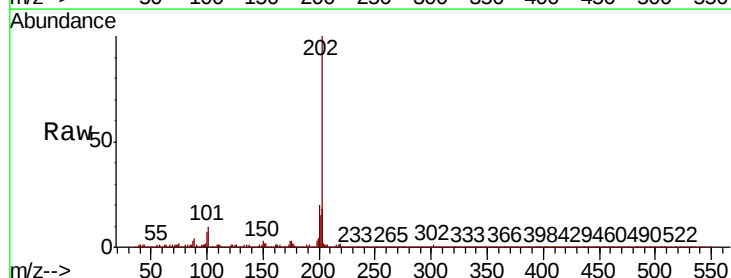
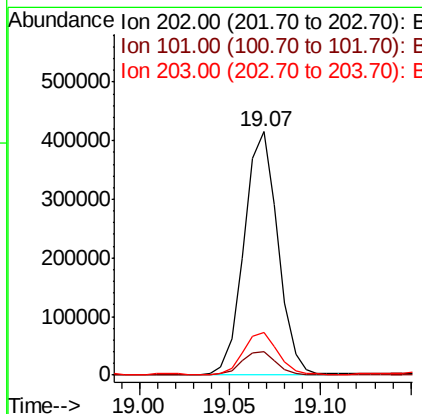
RT: 19.07 min Scan# 2751

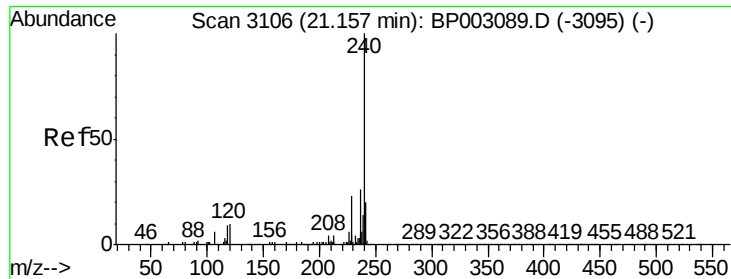
Delta R.T. -0.00 min

Lab File: BP003184.D

Acq: 02 Sep 2020 13:38

Tgt Ion:	202	Resp:	535065
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	29.4
203	17.7	0.0	37.8





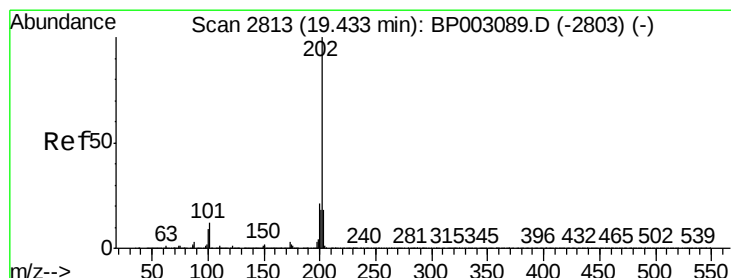
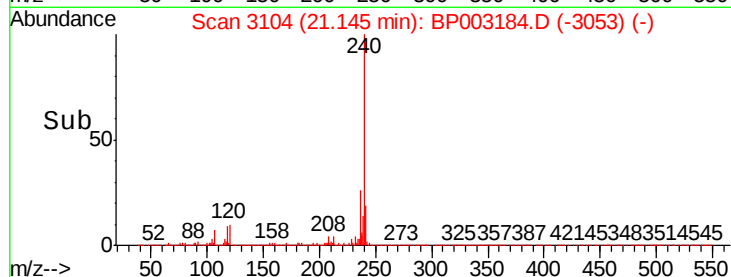
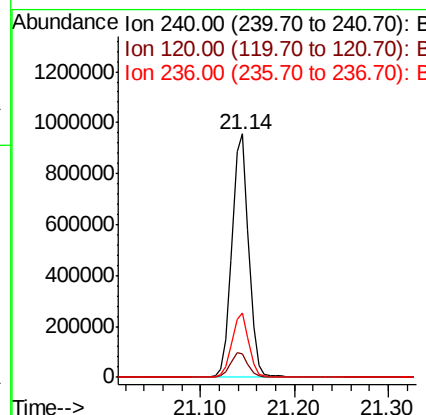
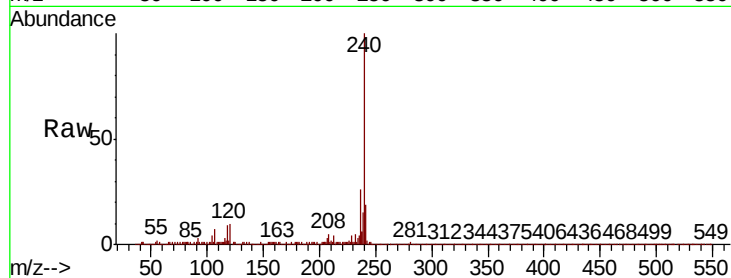
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-03-C

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.8	11.6
236	26.3	20.8	31.2

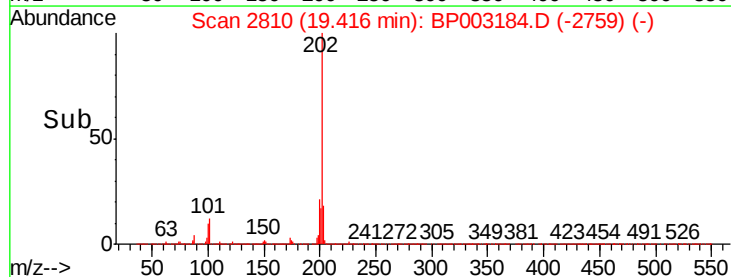
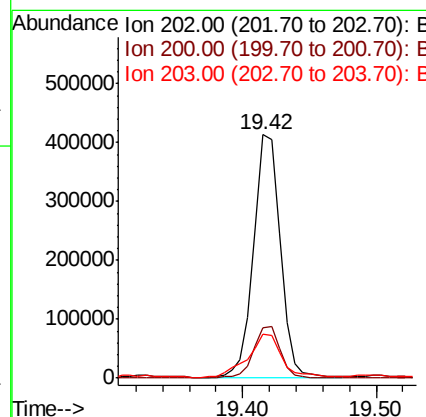
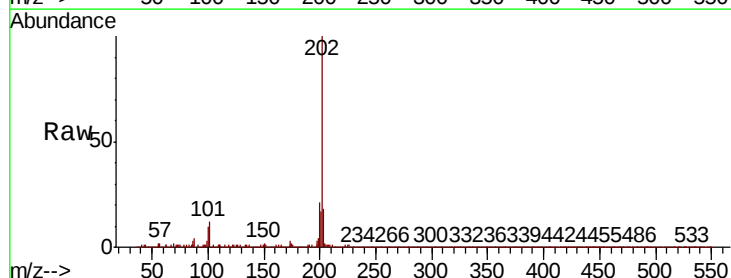
Manual Integrations
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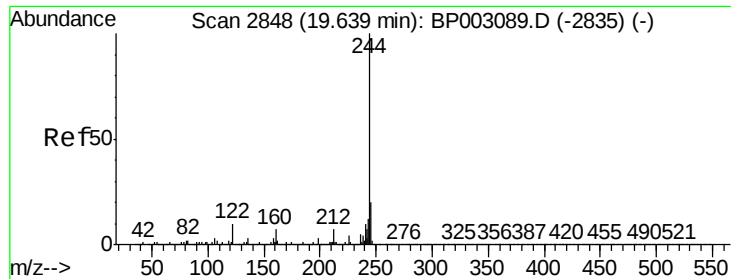
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#78
Pyrene
Concen: 7.433 ng
RT: 19.42 min Scan# 2810
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.1	25.7
203	18.2	14.2	21.2





#79

Terphenyl-d14

Concen: 48.011 ng

RT: 19.63 min Scan# 2846

Delta R.T. 0.01 min

Lab File: BP003184.D

Acq: 02 Sep 2020 13:38

Instrument :

BNA_P

ClientSampleId :

LINDEN-BH-03-C

Tot Ion:244 Resp: 2555386

Ion Ratio Lower Upper

244 100

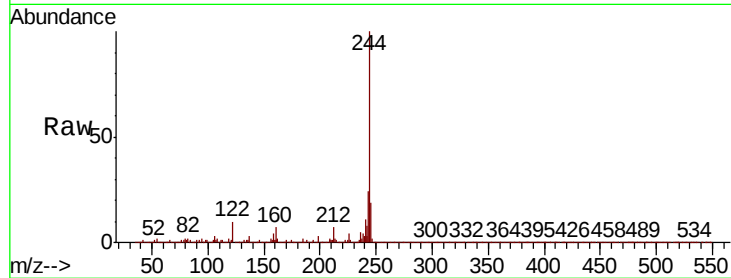
212 7.3 5.8 8.6

122 9.7 7.8 11.8

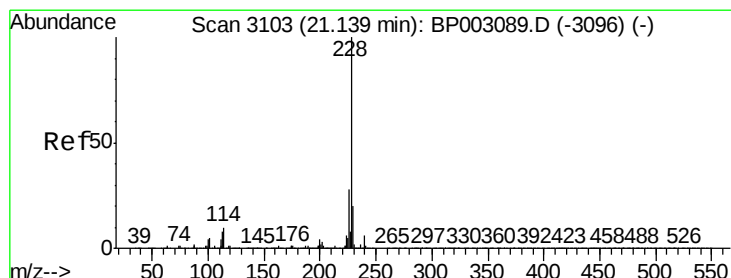
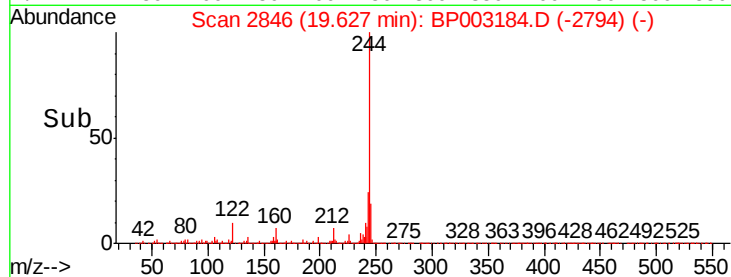
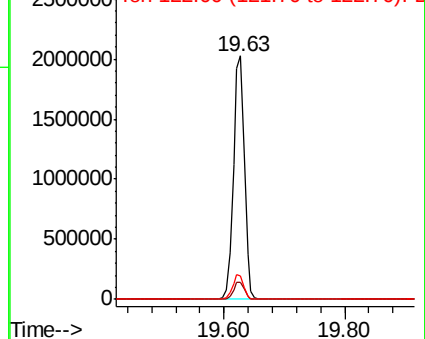
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 4.246 ng

RT: 21.13 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BP003184.D

Acq: 02 Sep 2020 13:38

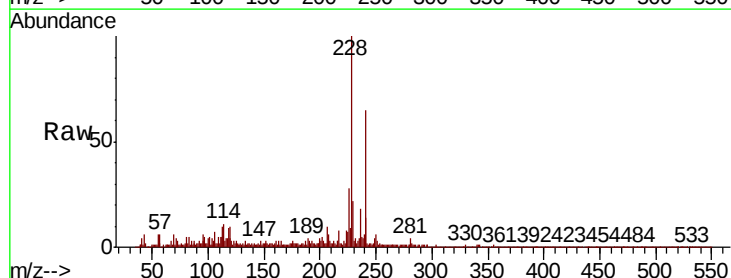
Tgt Ion:228 Resp: 311517

Ion Ratio Lower Upper

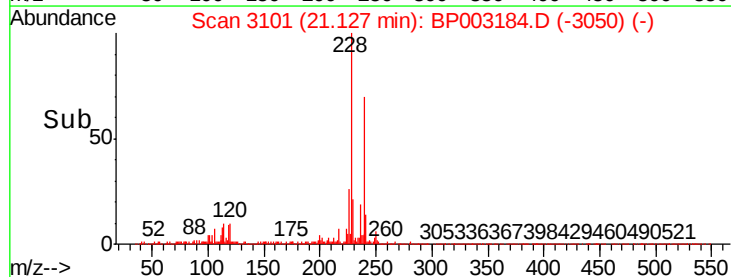
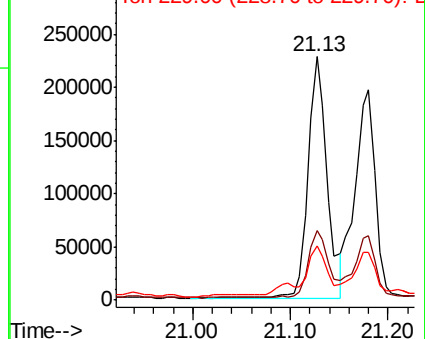
228 100

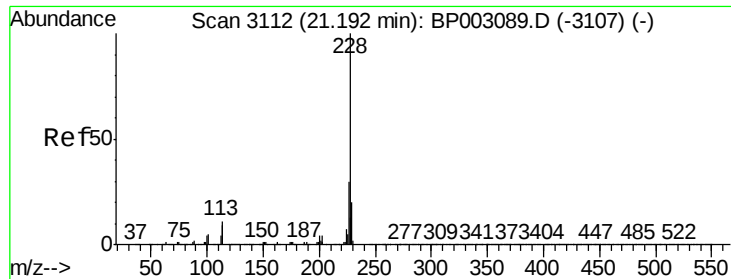
226 28.3 22.1 33.1

229 22.1 15.9 23.9



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





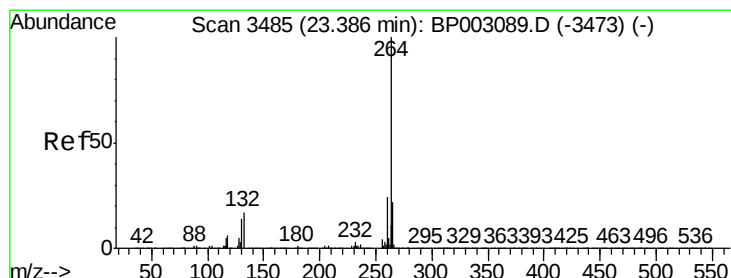
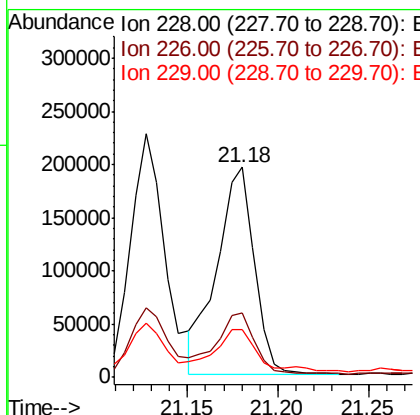
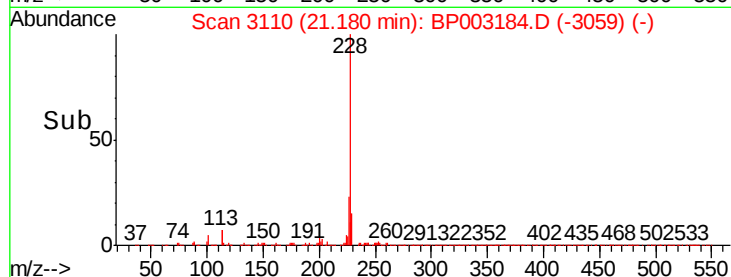
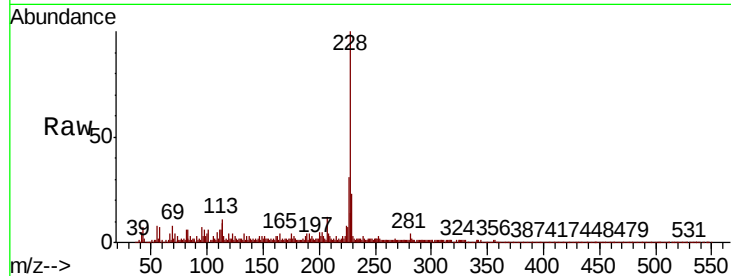
#83
Chrysene
Concen: 4.025 ng
RT: 21.18 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-03-C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	30.7		24.4	36.6	
229	22.9		15.8	23.6	

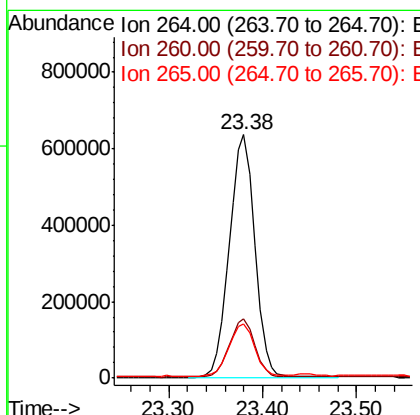
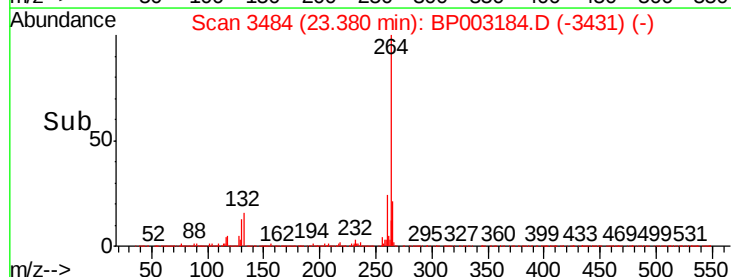
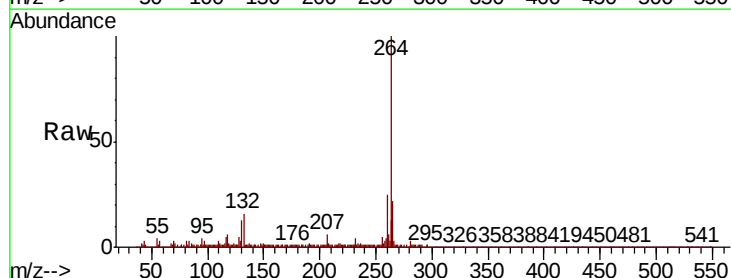
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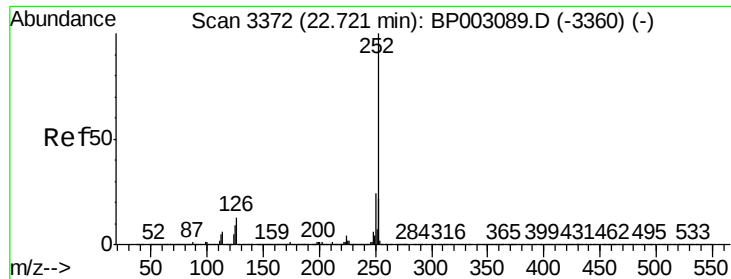
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. 0.01 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	24.6		18.8	28.2	
265	22.0		17.4	26.2	





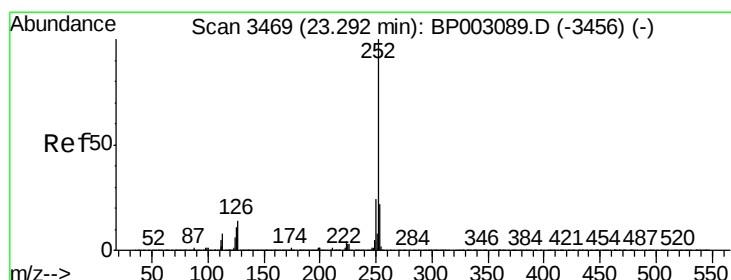
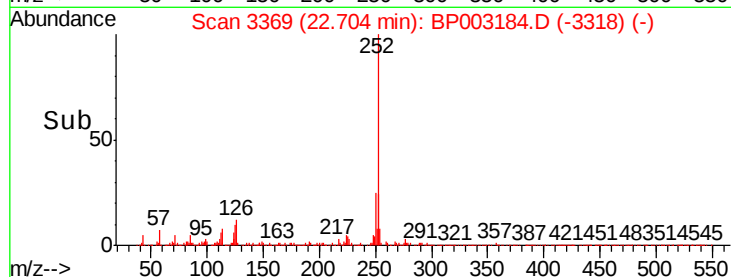
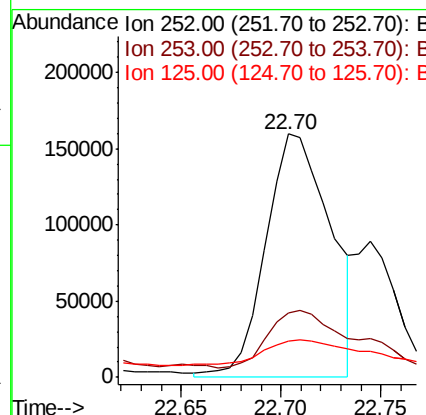
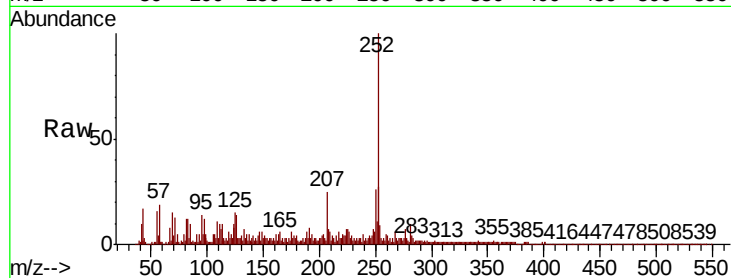
#88
Benzo(b)fluoranthene
Concen: 4.864 ng m
RT: 22.70 min Scan# 3369
Delta R.T. -0.00 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-03-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.6	17.6	26.4#
125	14.8	7.3	10.9#

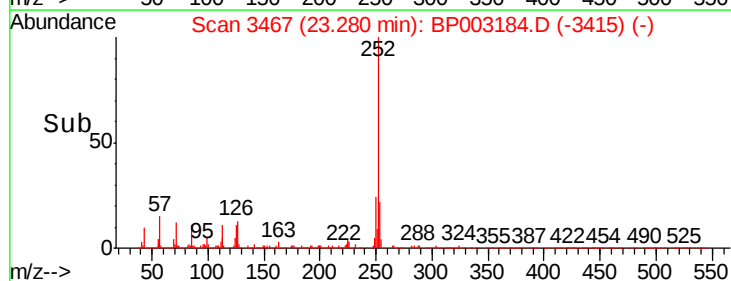
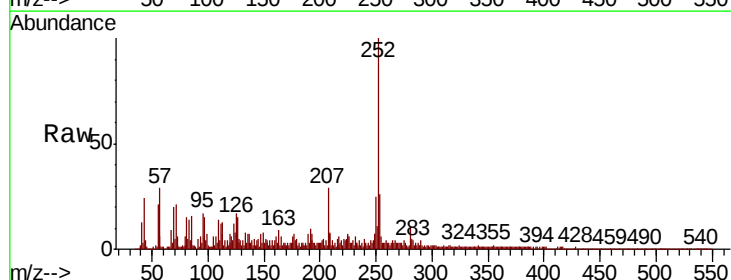
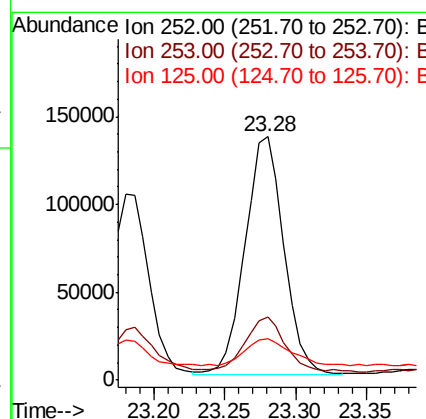
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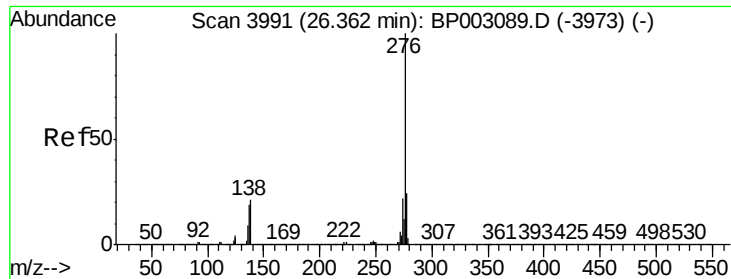
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#90
Benzo(a)pyrene
Concen: 3.775 ng
RT: 23.28 min Scan# 3467
Delta R.T. 0.01 min
Lab File: BP003184.D
Acq: 02 Sep 2020 13:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.4	26.0
125	16.8	8.2	12.4#





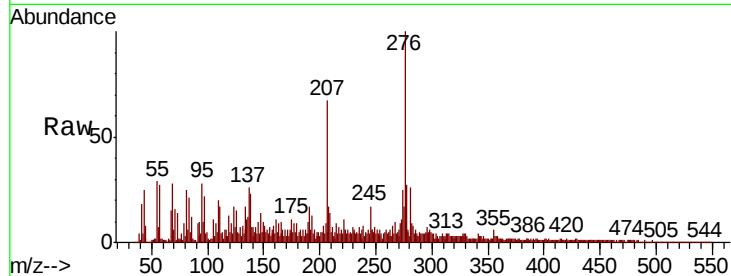
#92
 Benzo(a,h,i)perylene
 Concen: 2.633 ng
 RT: 26.34 min Scan# 3988
 Delta R.T. 0.01 min
 Lab File: BP003184.D
 Acq: 02 Sep 2020 13:38

Instrument :
 BNA_P
 ClientSampleId :
 LINDEN-BH-03-C

Tot Ion	Ratio	Lower	Upper
276	100		
277	27.3	19.0	28.6
138	23.1	16.6	24.8

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

