

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090120\
 Data File : BP003169.D
 Acq On : 01 Sep 2020 16:25
 Operator : CG/JU
 Sample : L3848-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LINDEN-BH-04-B

Manual Integrations
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Quant Time: Sep 08 08:35:55 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	124095	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	503281	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	313234	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	712838	20.00	ng	0.00
76) Chrysene-d12	21.14	240	958782	20.00	ng	0.00
86) Perylene-d12	23.37	264	1286177	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	487192	69.41	ng	0.00
7) Phenol-d6	6.83	99	630845	71.70	ng	0.00
23) Nitrobenzene-d5	8.80	82	359938	51.56	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	267303	63.10	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	1102455	51.54	ng	0.00
79) Terphenyl-d14	19.62	244	1913058	43.91	ng	0.00
Target Compounds						
10) Phenol	6.86	94	50148	6.150	ng	95
20) 3+4-Methylphenols	8.43	107	24268	3.101	ng	87
31) Naphthalene	10.48	128	90012	3.481	ng	99
50) Dimethylphthalate	13.75	163	188557	7.894	ng	100
71) Phenanthrene	17.09	178	206202	5.338	ng	99
75) Fluoranthene	19.06	202	247995	5.555	ng	98
78) Pyrene	19.42	202	234670	3.771	ng	98
81) Benzo(a)anthracene	21.12	228	157954	2.630	ng	99
83) Chrysene	21.17	228	146514	2.548	ng	96
88) Benzo(b)fluoranthene	22.70	252	231885m	2.901	ng	
90) Benzo(a)pyrene	23.27	252	183551	2.475	ng	96
92) Benzo(a,h,i)perylene	26.32	276	175006	2.213	ng	97

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

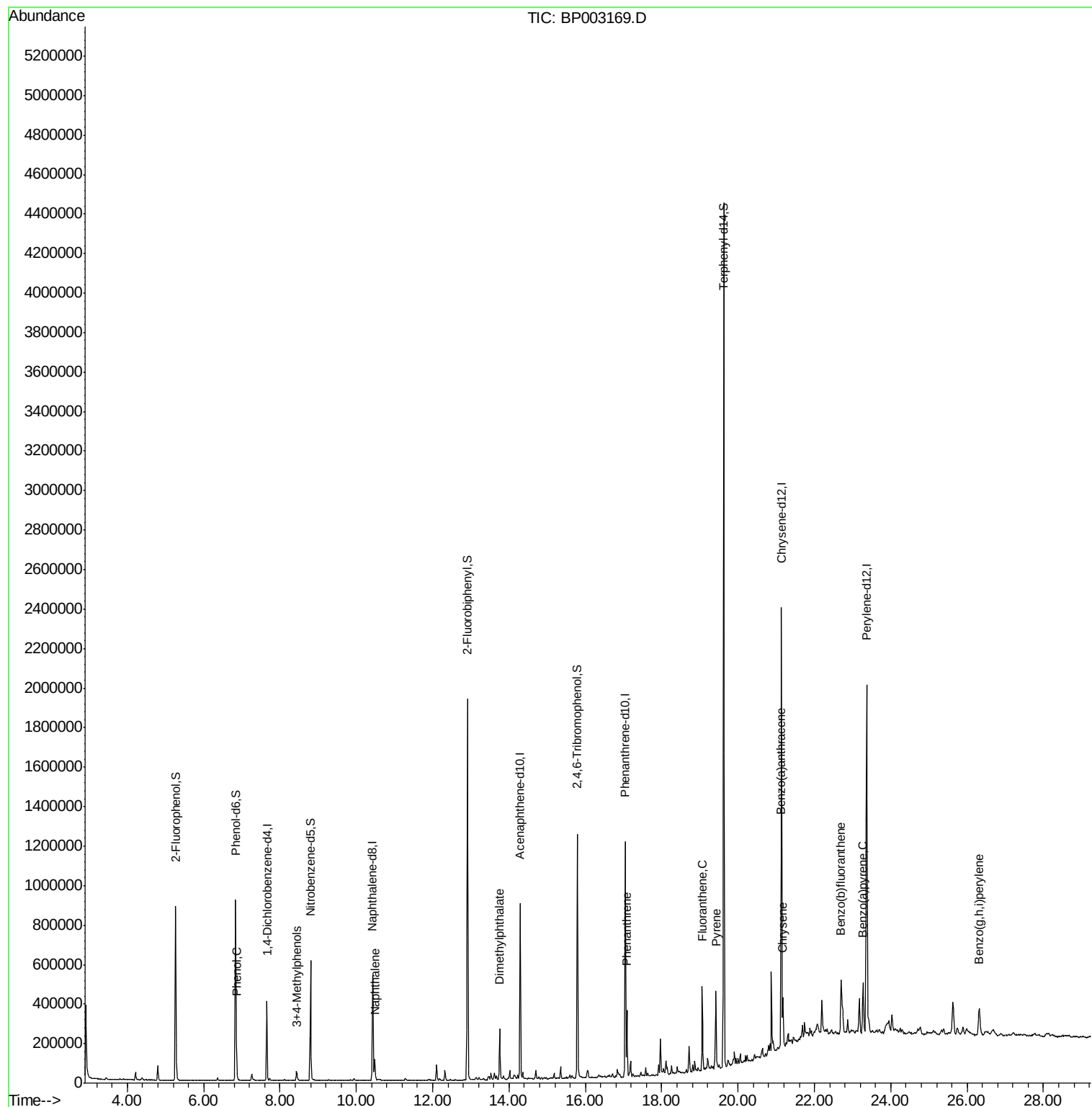
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Data File : BP003169.D
Acq On : 01 Sep 2020 16:25
Operator : CG/JU
Sample : L3848-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

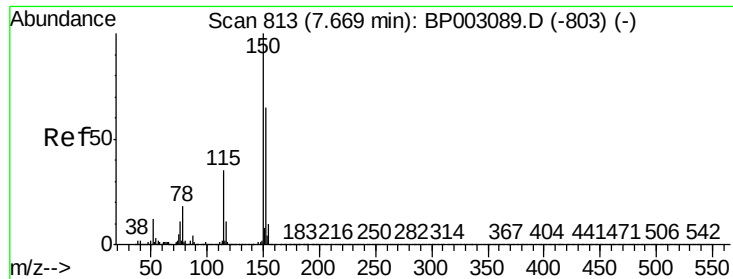
Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-B

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
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#1

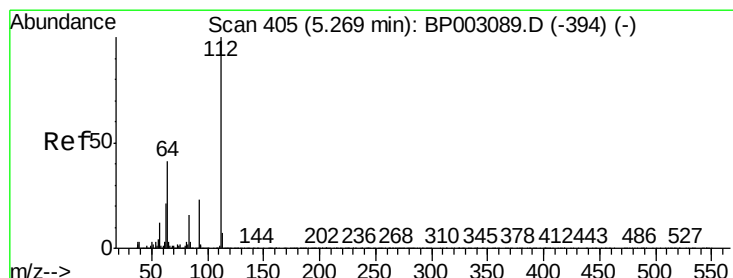
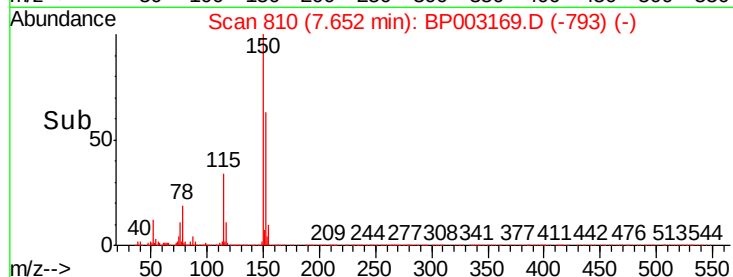
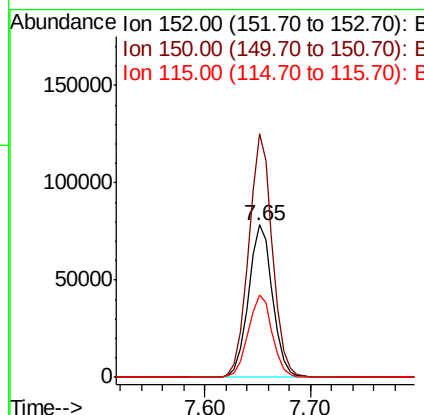
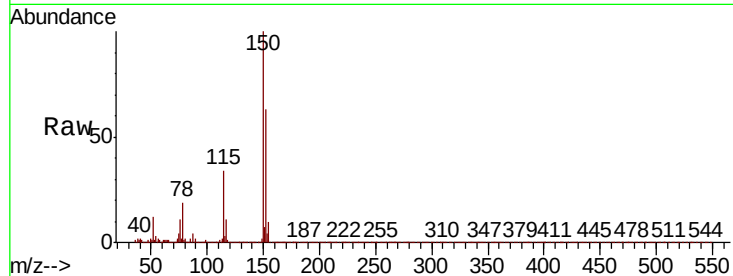
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BP003169.D
Acq: 01 Sep 2020 16:25

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	123.8	185.6
115	54.3	43.8	65.6

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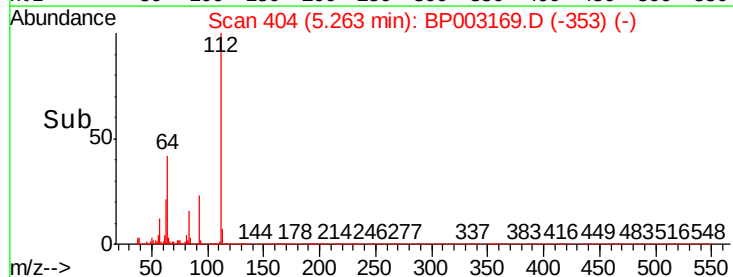
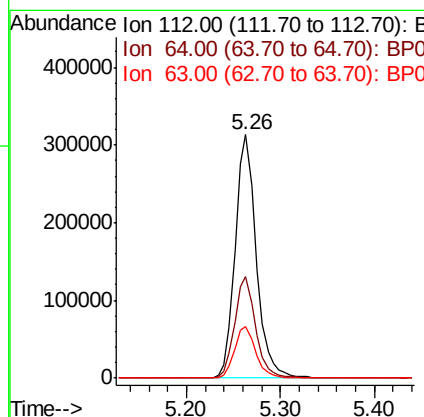
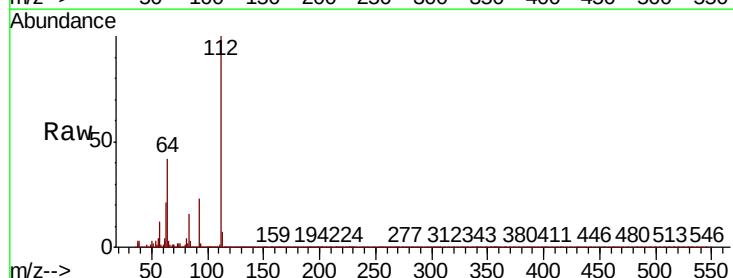
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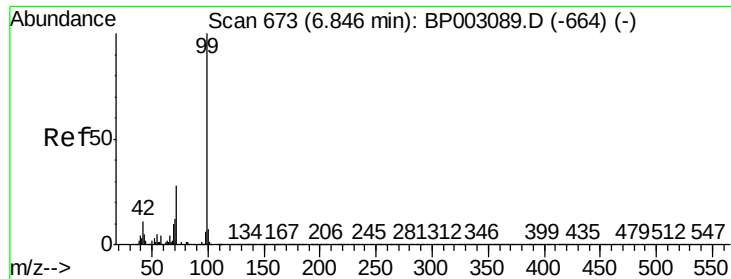


#5

2-Fluorophenol
Concen: 69.412 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003169.D
Acq: 01 Sep 2020 16:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.5	32.8	49.2
63	21.1	17.0	25.4





#7

Phenol-d6

Concen: 71.698 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.00 min

Lab File: BP003169.D

Acq: 01 Sep 2020 16:25

Instrument :

BNA_P

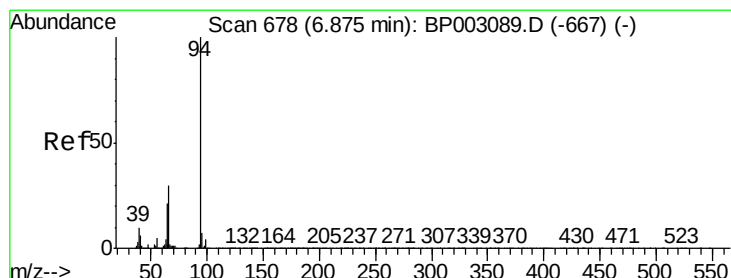
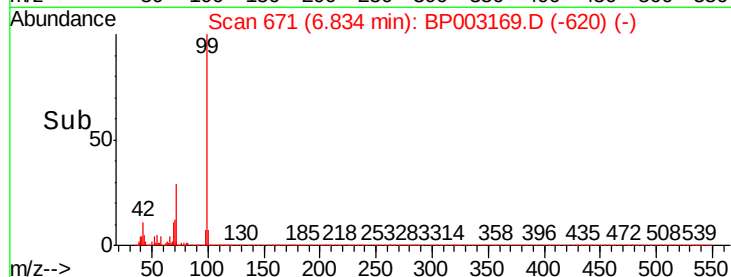
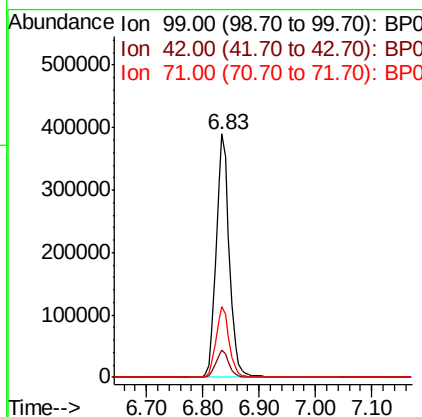
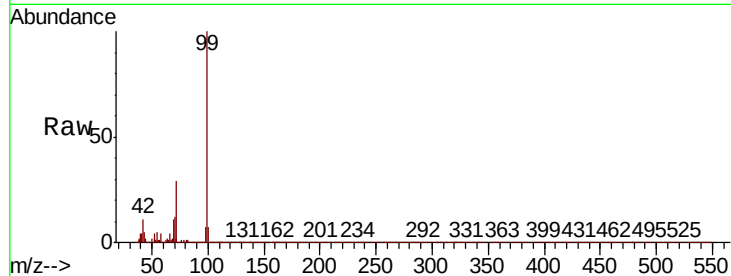
ClientSampleId :

LINDEN-BH-04-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		630845		
42	11.1	8.6	13.0		
71	29.0	23.4	35.2		

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#10

Phenol

Concen: 6.150 ng

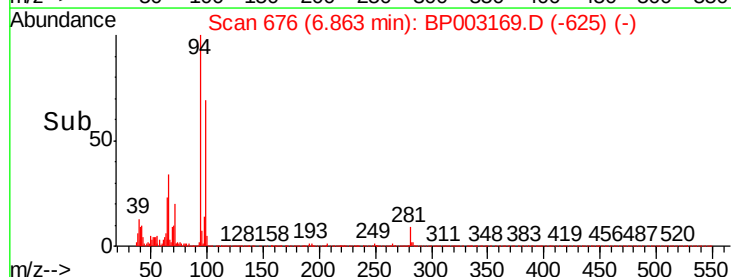
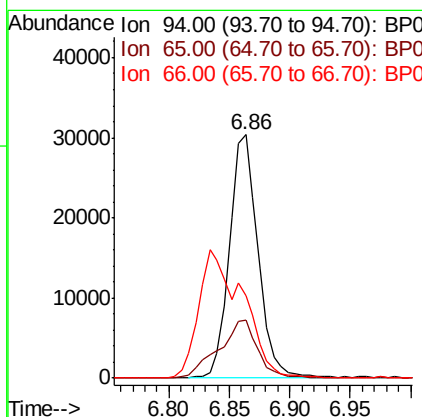
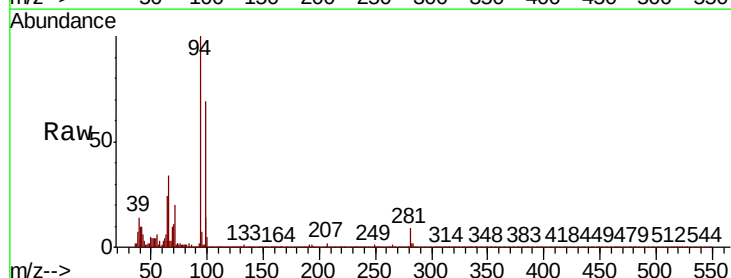
RT: 6.86 min Scan# 676

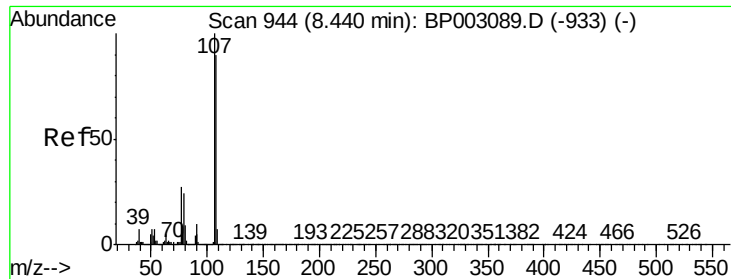
Delta R.T. -0.00 min

Lab File: BP003169.D

Acq: 01 Sep 2020 16:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		50148		
65	23.7	2.3	42.3		
66	34.1	10.9	50.9		





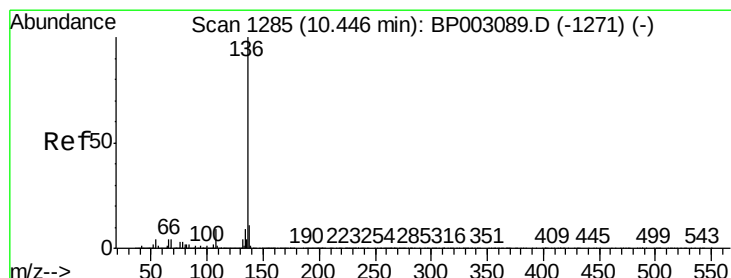
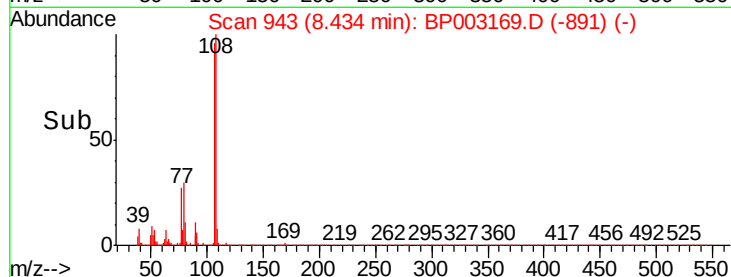
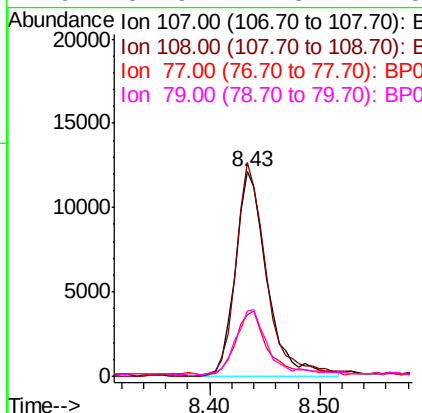
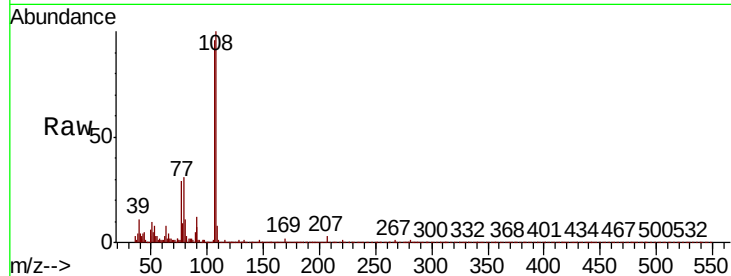
#20
3+4-Methylphenols
Concen: 3.101 ng
RT: 8.43 min Scan# 943
Delta R.T. 0.01 min
Lab File: BP003169.D
Acq: 01 Sep 2020 16:25

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-B

Tot Ion:	107	Resp:	24268
Ion Ratio	Lower	Upper	
107	100		
108	104.4	69.0	109.0
77	29.8	8.5	48.5
79	31.9	4.8	44.8

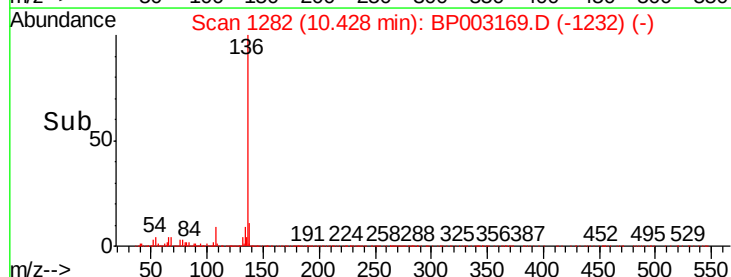
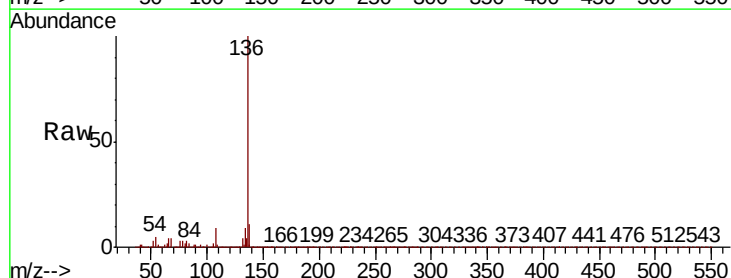
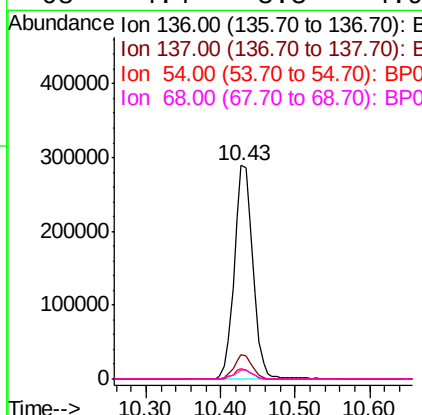
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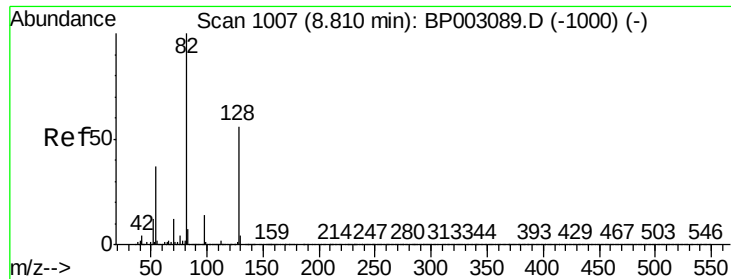
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BP003169.D
Acq: 01 Sep 2020 16:25

Tgt Ion:	136	Resp:	503281
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	13.0
54	4.5	3.6	5.4
68	4.4	3.3	4.9





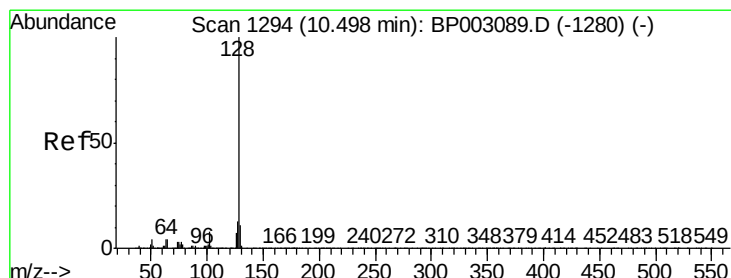
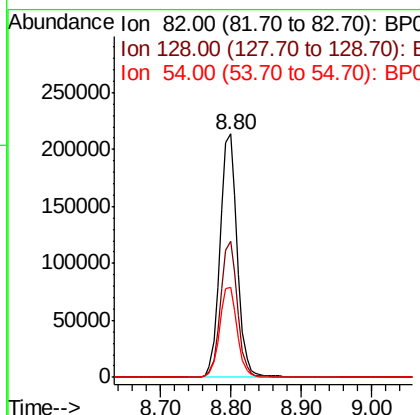
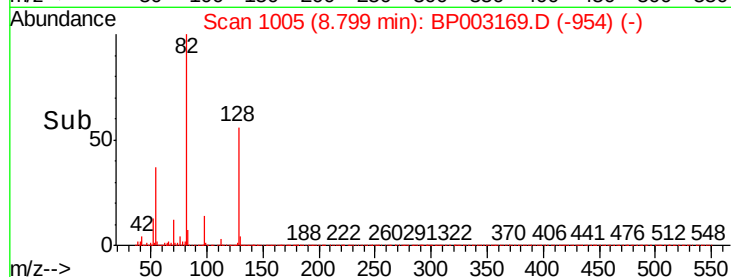
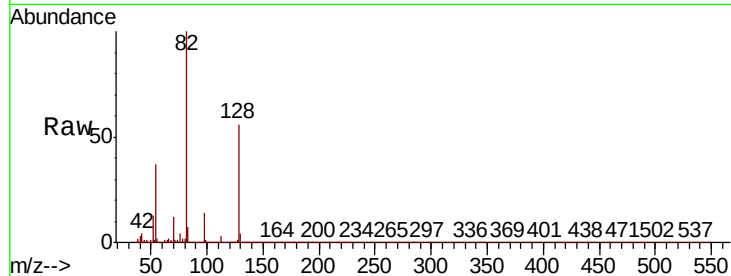
#23
 Nitrobenzene-d5
 Concen: 51.558 ng
 RT: 8.80 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BP003169.D
 Acq: 01 Sep 2020 16:25

Instrument :
 BNA_P
 ClientSampleId :
 LINDEN-BH-04-B

Tot Ion	82	Resp	359938
Ion Ratio	Lower	Upper	
82	100		
128	56.1	45.6	68.4
54	37.1	30.1	45.1

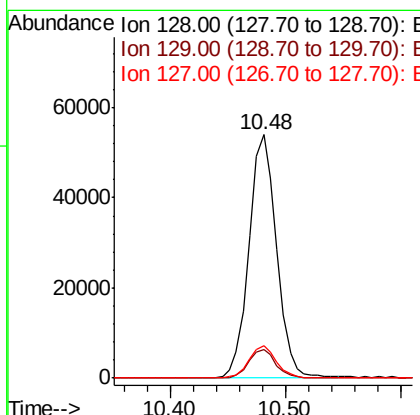
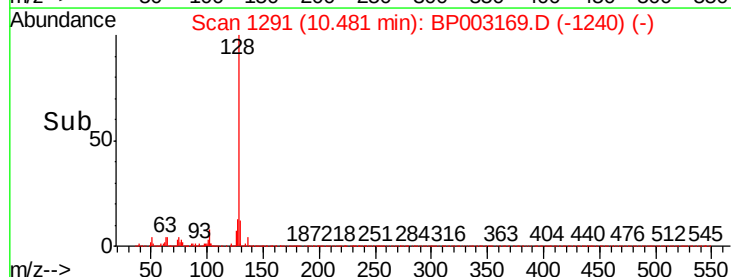
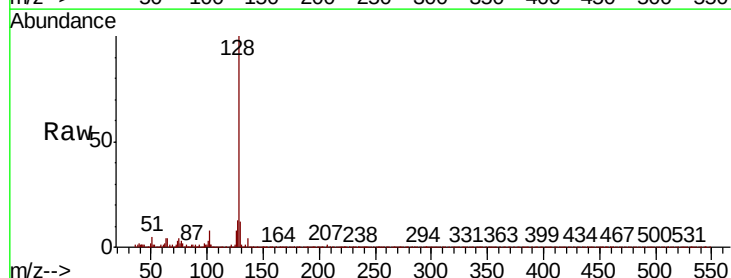
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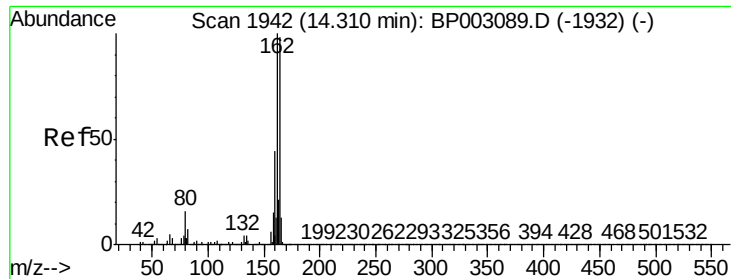
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#31
 Naphthalene
 Concen: 3.481 ng
 RT: 10.48 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BP003169.D
 Acq: 01 Sep 2020 16:25

Tgt Ion	128	Resp	90012
Ion Ratio	Lower	Upper	
128	100		
129	11.9	8.8	13.2
127	13.4	10.6	15.8





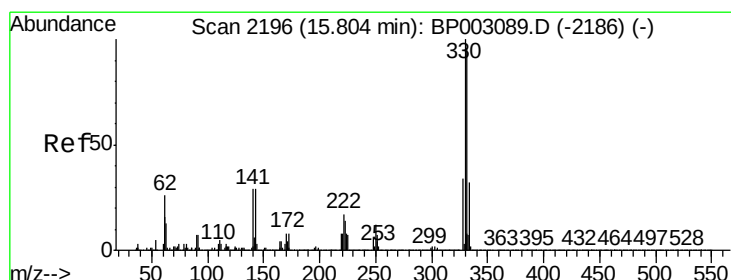
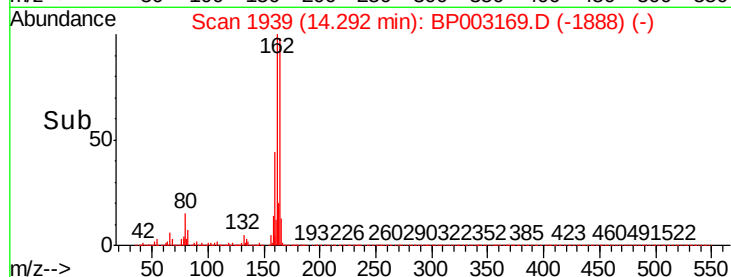
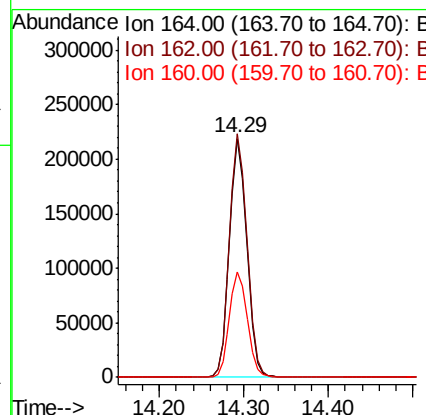
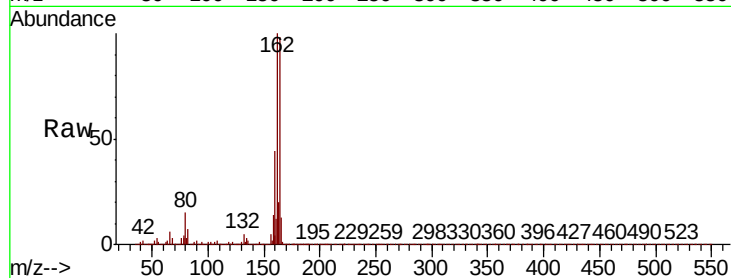
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BP003169.D
Acq: 01 Sep 2020 16:25

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-B

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.0	79.4	119.2	
160	44.4	36.1	54.1	

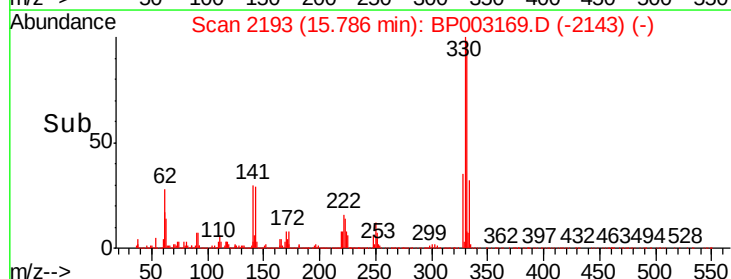
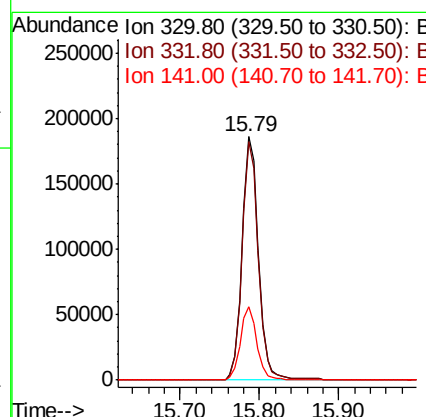
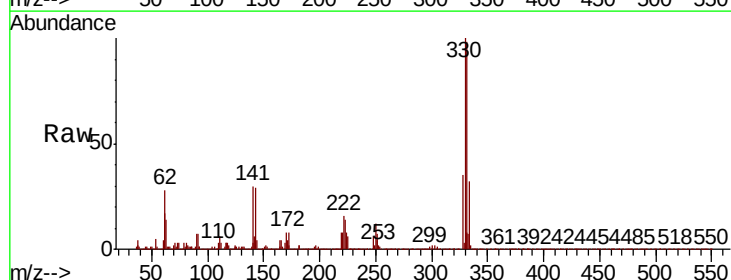
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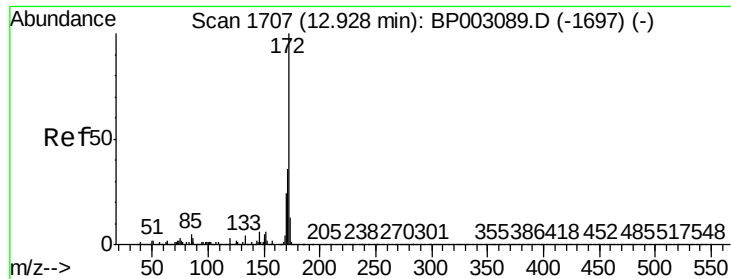
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#42
2,4,6-Tribromophenol
Concen: 63.097 ng
RT: 15.79 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BP003169.D
Acq: 01 Sep 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.4	77.1	115.7	
141	30.2	23.4	35.2	





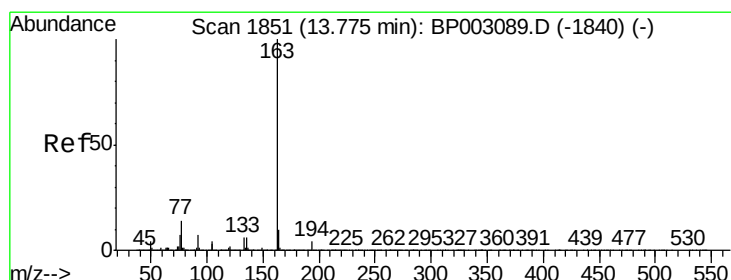
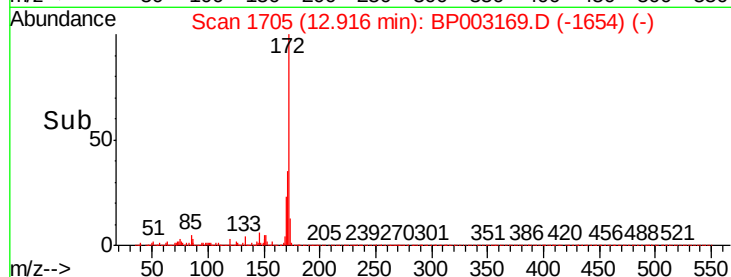
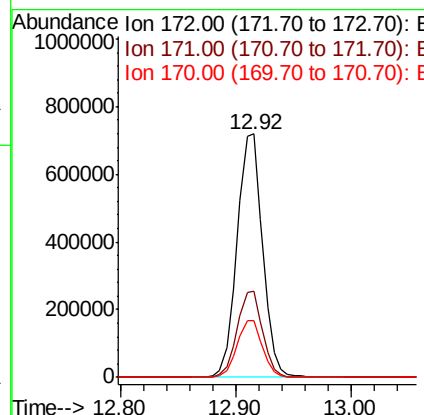
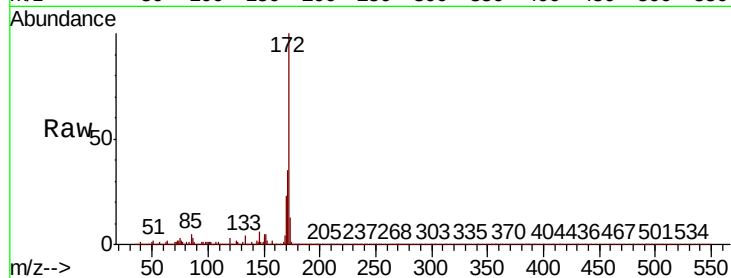
#45
2-Fluorobiphenyl
Concen: 51.543 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BP003169.D
Acq: 01 Sep 2020 16:25

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-B

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.5	42.7
170	23.2	19.2	28.8

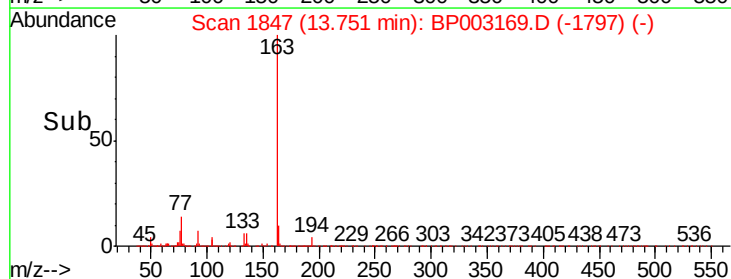
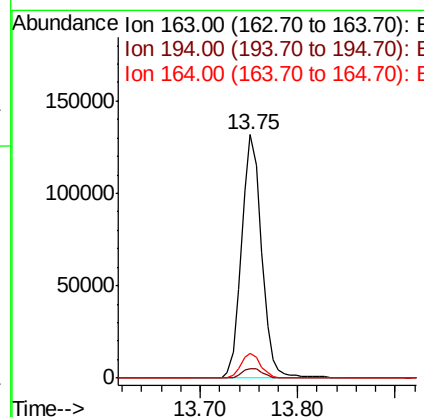
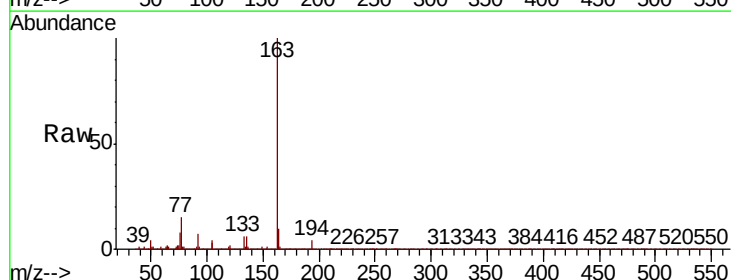
Manual Integrations
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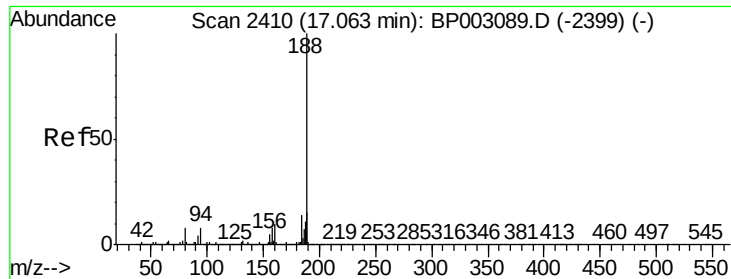
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#50
Dimethylphthalate
Concen: 7.894 ng
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BP003169.D
Acq: 01 Sep 2020 16:25

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.3	8.2	12.2





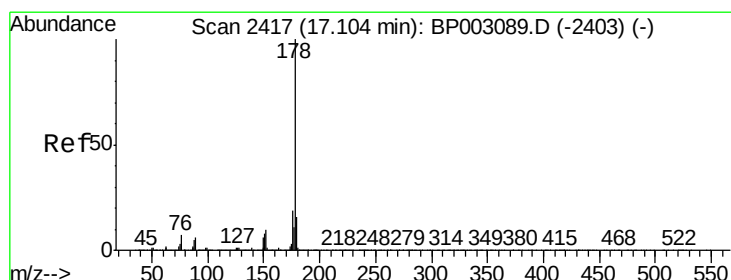
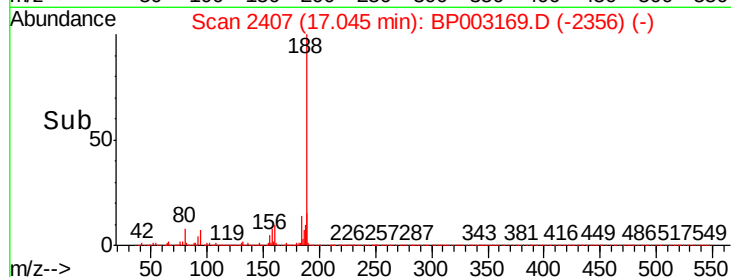
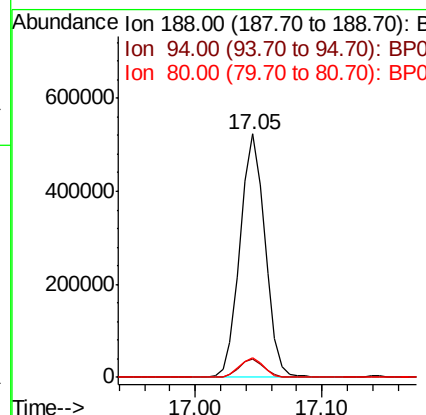
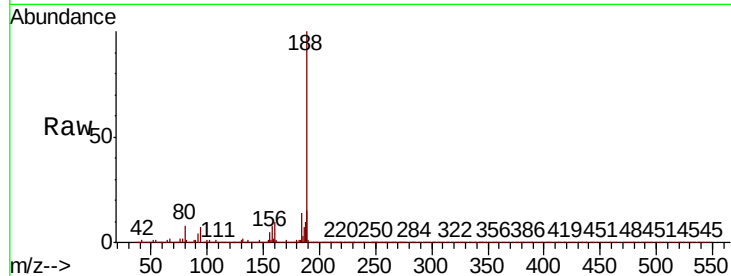
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BP003169.D
Acq: 01 Sep 2020 16:25

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-B

Tot Ion	Ratio	Resp	Lower	Upper
188	100	712838		
94	7.4	6.2	9.2	
80	7.9	6.2	9.2	

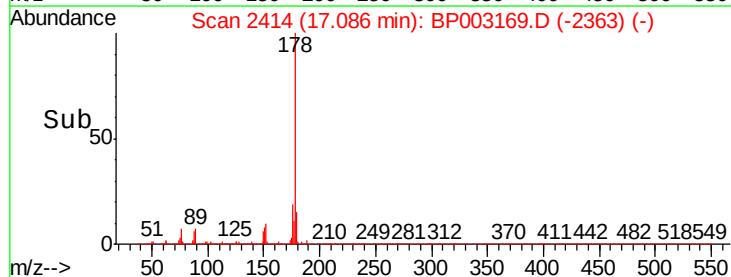
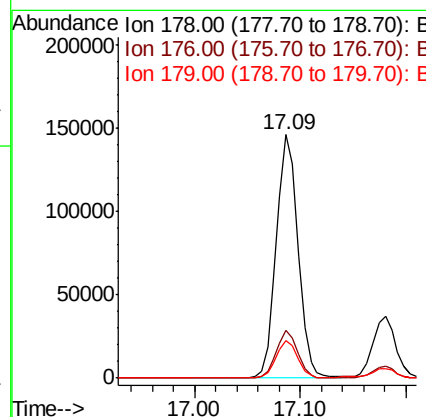
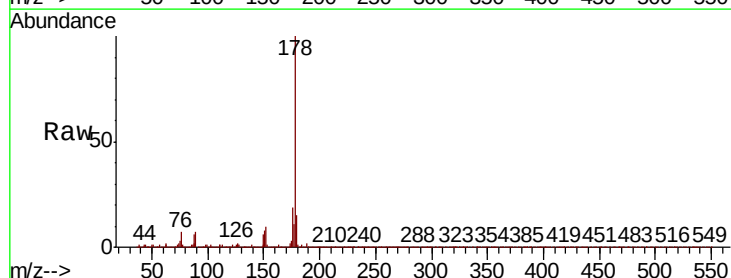
Manual Integrations
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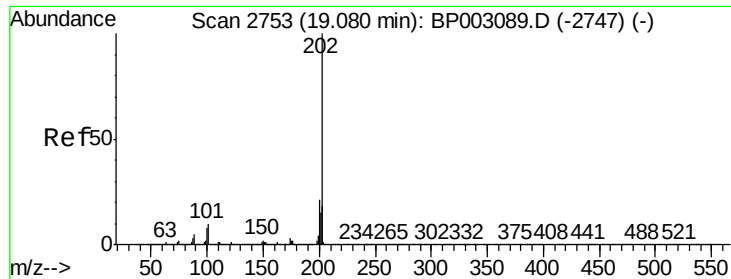
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#71
Phenanthrene
Concen: 5.338 ng
RT: 17.09 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BP003169.D
Acq: 01 Sep 2020 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	206202		
176	19.4	15.3	22.9	
179	15.3	12.5	18.7	





#75

Fluoranthene

Concen: 5.555 ng

RT: 19.06 min Scan# 2750

Delta R.T. -0.01 min

Lab File: BP003169.D

Acq: 01 Sep 2020 16:25

Instrument :

BNA_P

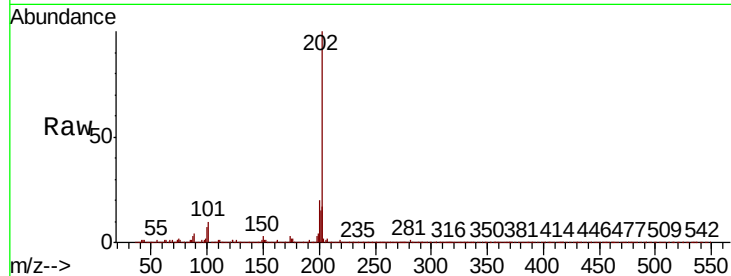
ClientSampleId :

LINDEN-BH-04-B

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		247995		
101	9.9	0.0	29.4		
203	17.1	0.0	37.8		

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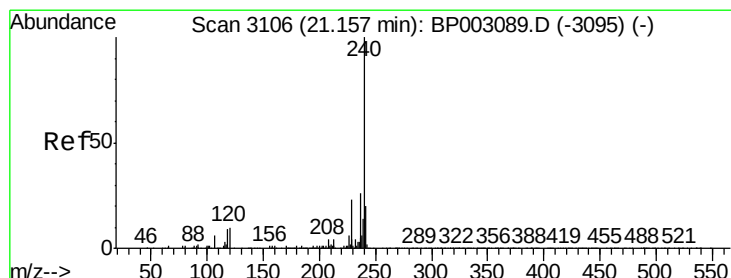
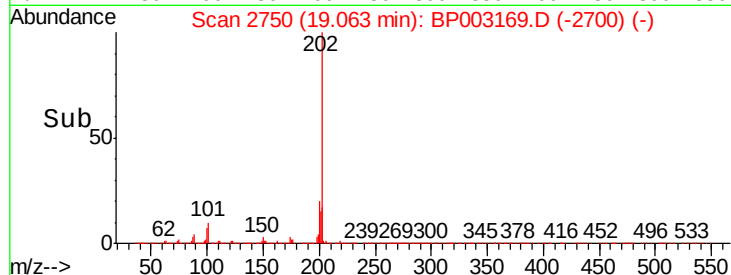
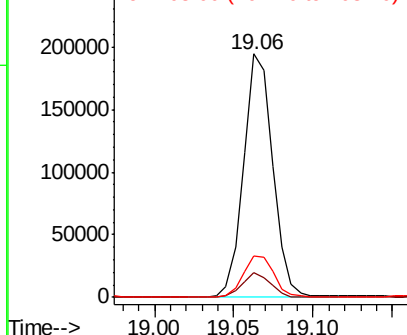


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

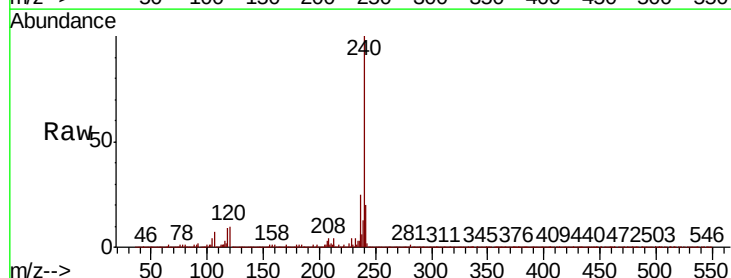
RT: 21.14 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BP003169.D

Acq: 01 Sep 2020 16:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		958782		
120	9.9	7.8	11.6		
236	25.5	20.8	31.2		

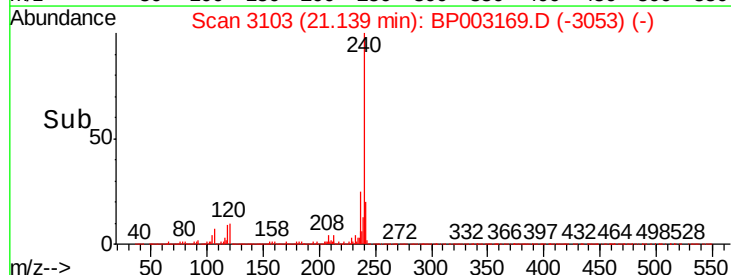
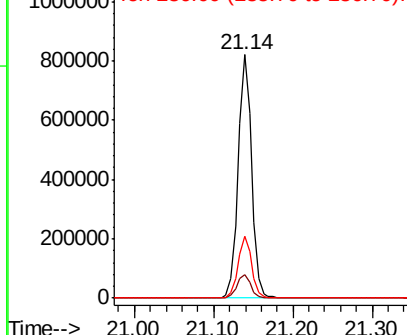


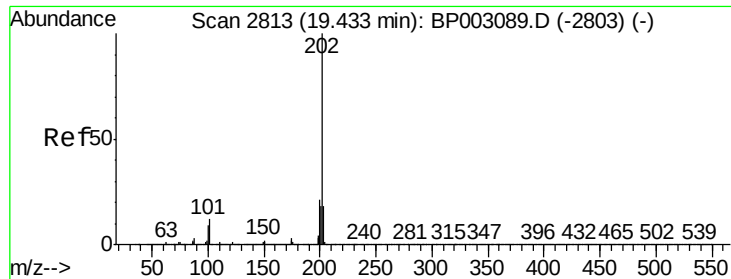
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





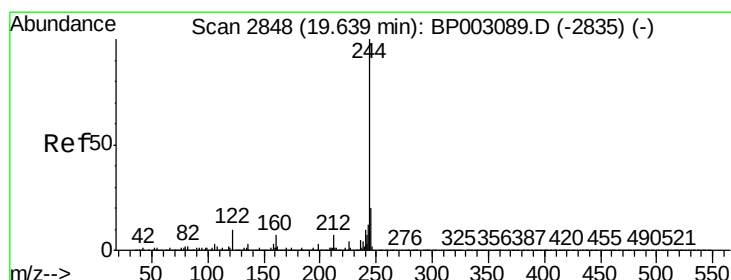
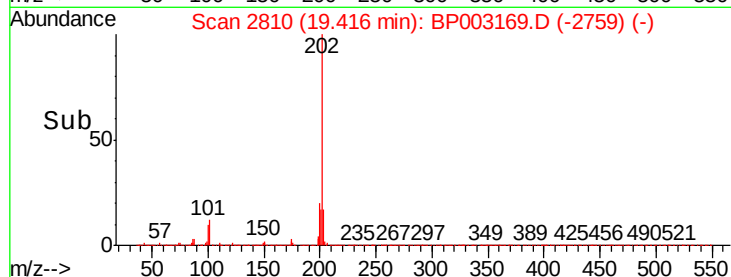
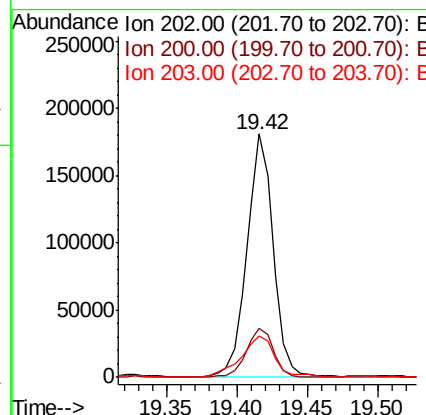
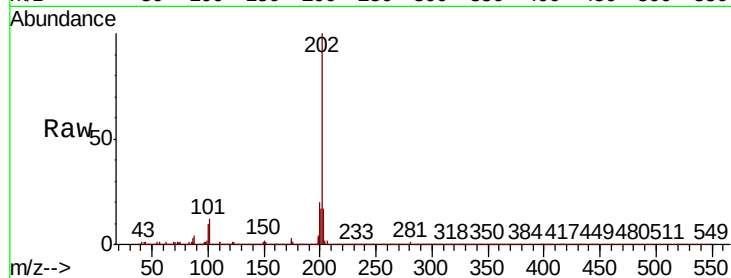
#78
Pvrene
Concen: 3.771 ng
RT: 19.42 min Scan# 2810
Delta R.T. -0.00 min
Lab File: BP003169.D
Acq: 01 Sep 2020 16:25

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-B

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.2	17.1	25.7
203	17.1	14.2	21.2

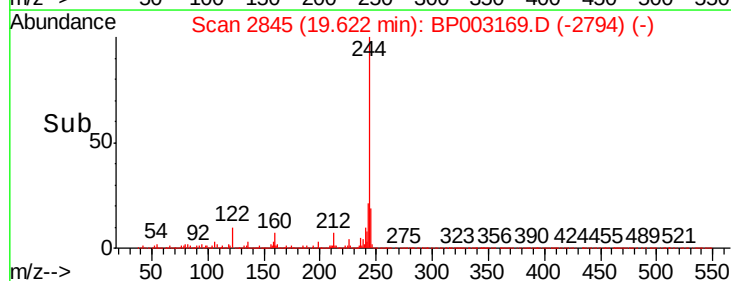
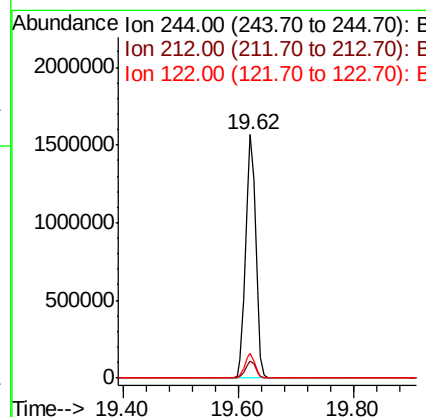
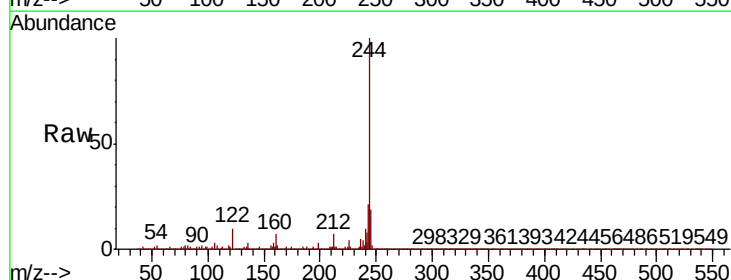
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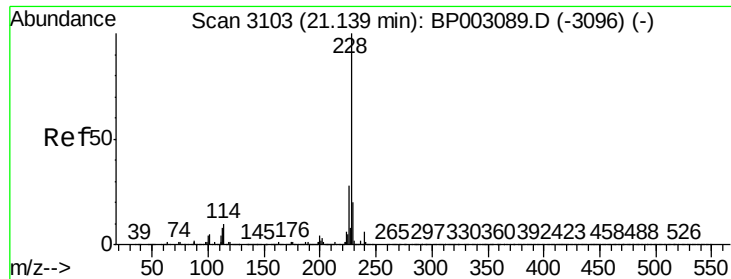
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9/2/2020 1:58:46 PM



#79
Terphenyl-d14
Concen: 43.905 ng
RT: 19.62 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BP003169.D
Acq: 01 Sep 2020 16:25

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	5.8	8.6
122	10.0	7.8	11.8





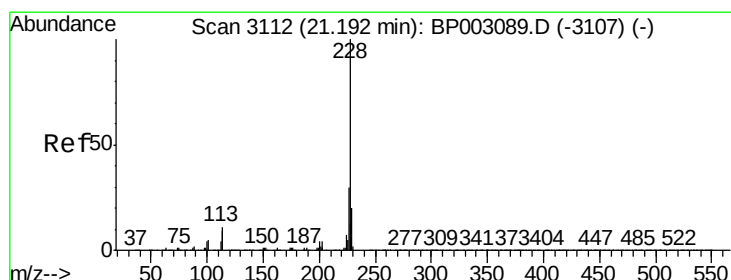
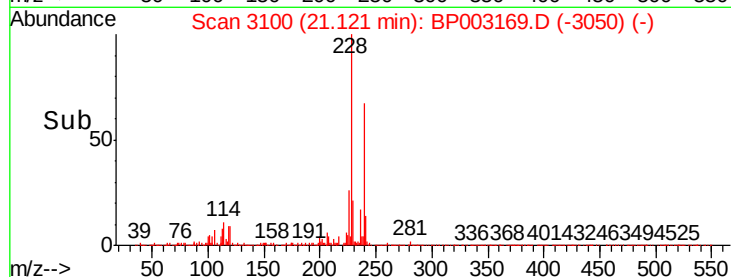
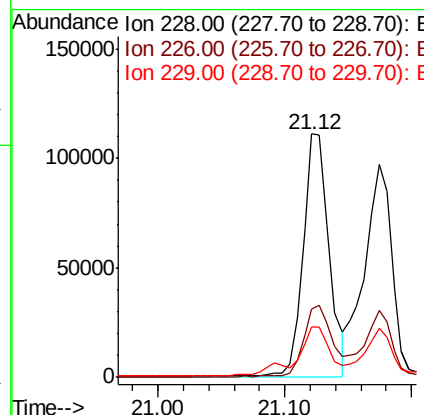
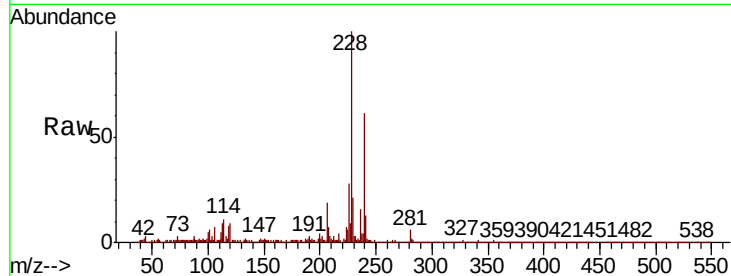
#81
Benzo(a)anthracene
Concen: 2.630 ng
RT: 21.12 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BP003169.D
Acq: 01 Sep 2020 16:25

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.1	33.1
229	20.7	15.9	23.9

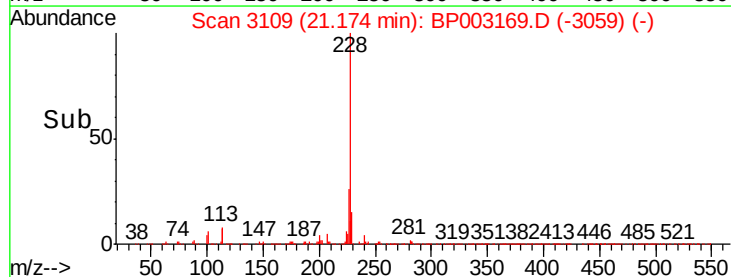
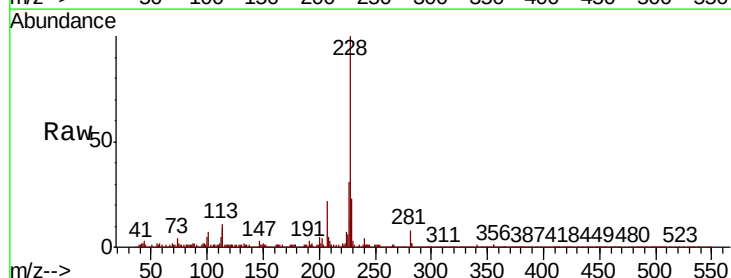
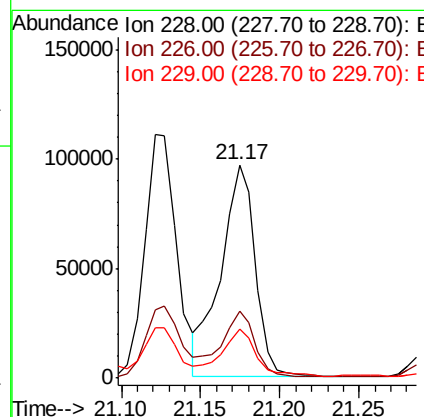
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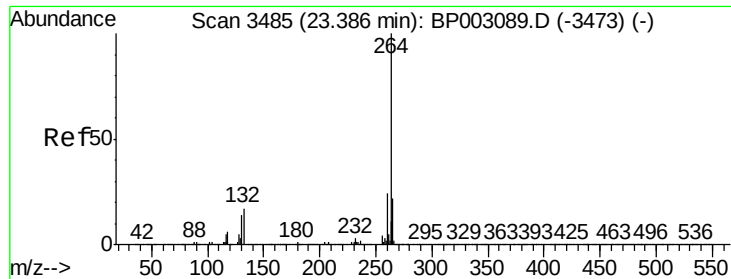
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9/2/2020 1:58:46 PM



#83
Chrysene
Concen: 2.548 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP003169.D
Acq: 01 Sep 2020 16:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	23.0	15.8	23.6





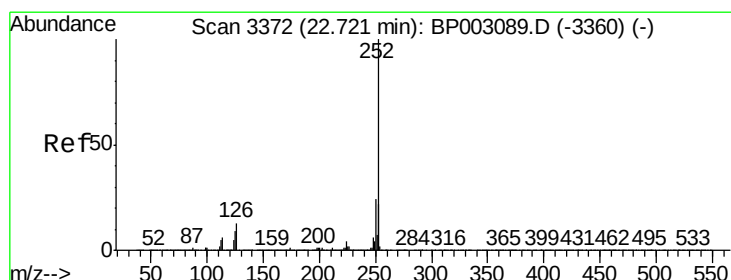
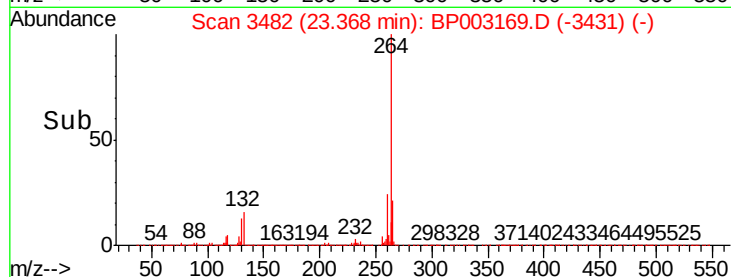
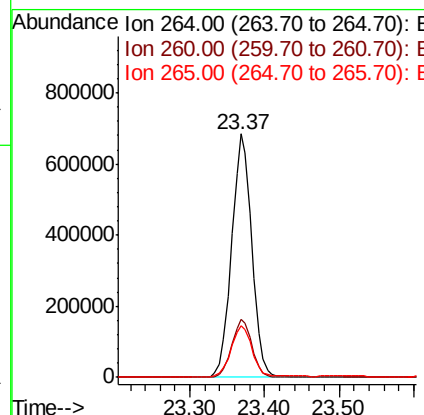
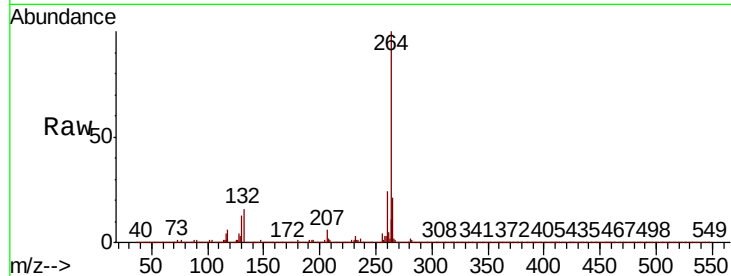
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BP003169.D
Acq: 01 Sep 2020 16:25

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.3	17.4	26.2

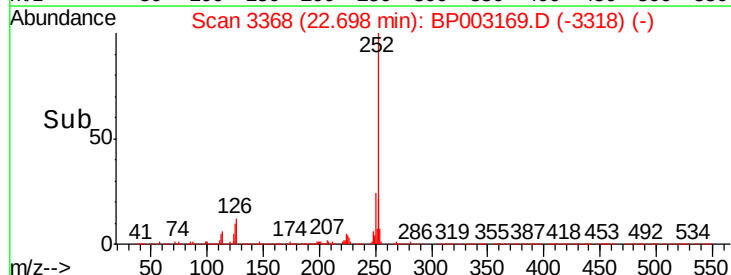
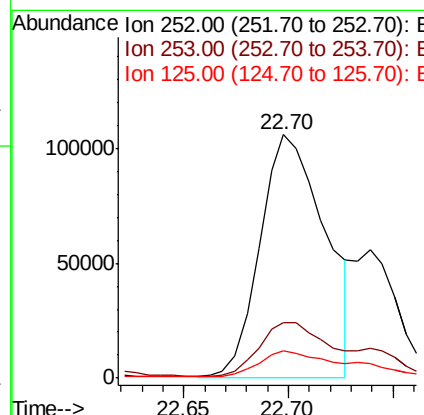
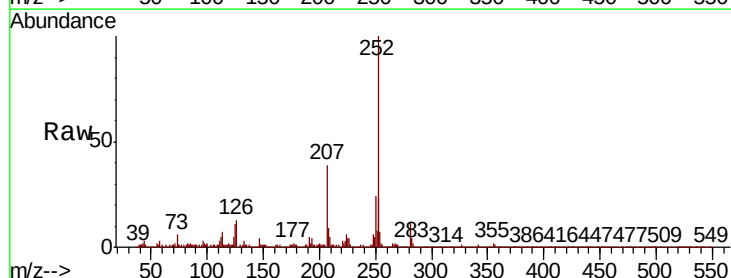
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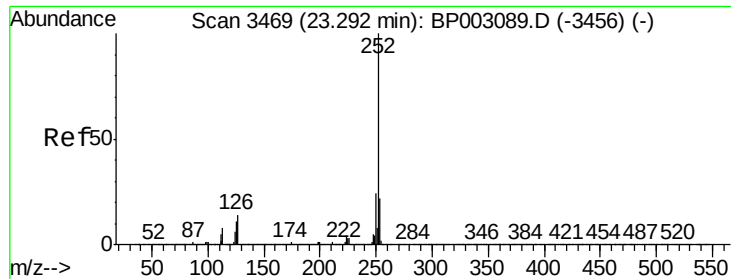
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9/2/2020 1:58:46 PM



#88
Benzo(b)fluoranthene
Concen: 2.901 ng m
RT: 22.70 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BP003169.D
Acq: 01 Sep 2020 16:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	11.1	7.3	10.9





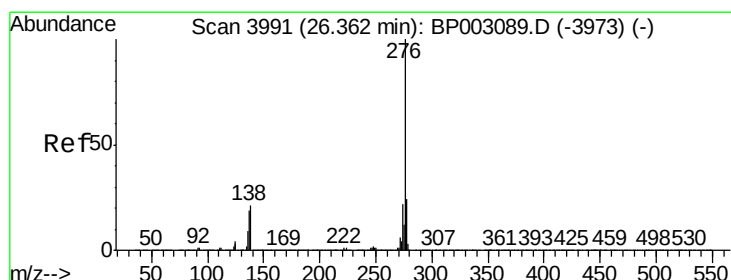
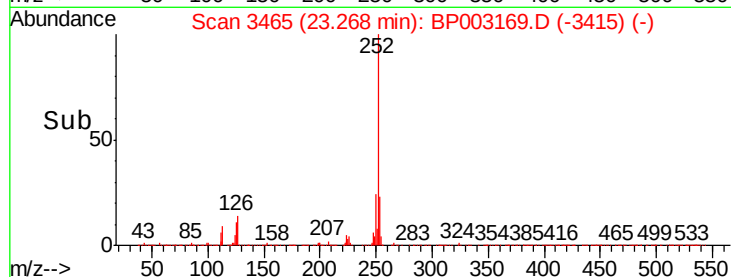
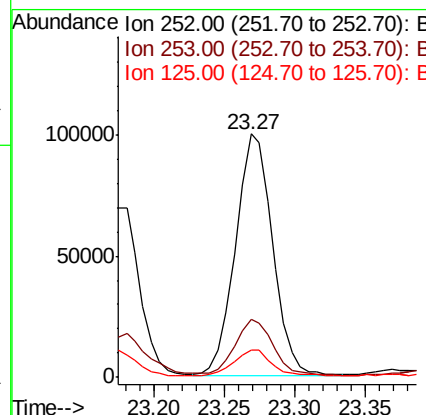
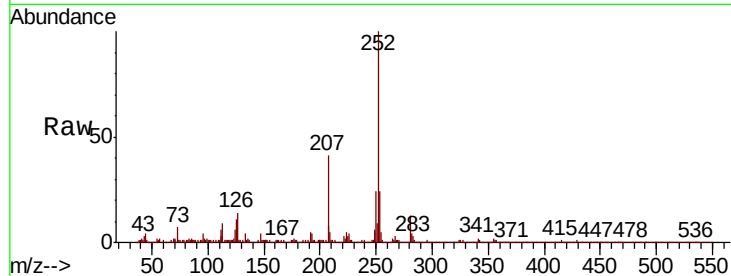
#90
Benzo(a)pyrene
Concen: 2.475 ng
RT: 23.27 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BP003169.D
Acq: 01 Sep 2020 16:25

Instrument :
BNA_P
ClientSampleId :
LINDEN-BH-04-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	11.3	8.2	12.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.213 ng
RT: 26.32 min Scan# 3984
Delta R.T. -0.01 min
Lab File: BP003169.D
Acq: 01 Sep 2020 16:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.0	19.0	28.6
138	19.8	16.6	24.8

