

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
 Data File : BP003279.D
 Acq On : 14 Sep 2020 21:13
 Operator : CG/JU
 Sample : L3981-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 B20-4-6

Manual Integrations
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mohammad
 9/15/2020 1:22:04 PM

Quant Time: Sep 22 08:44:30 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	7.64	152	201910	20.00	ng	-0.01
21) Naphthalene-d8	10.42	136	806066	20.00	ng	-0.01
39) Acenaphthene-d10	14.29	164	486612	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	985771	20.00	ng	0.00
76) Chrysene-d12	21.13	240	775722	20.00	ng	-0.01
86) Perylene-d12	23.37	264	841676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	870449	76.22	ng	0.00
7) Phenol-d6	6.83	99	1092784	76.33	ng	0.00
23) Nitrobenzene-d5	8.79	82	664261	59.41	ng	-0.01
42) 2,4,6-Tribromophenol	15.79	330	546203	82.99	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	1780221	53.58	ng	-0.01
79) Terphenyl-d14	19.62	244	2129278	60.40	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.75	163	239946	6.466	ng	99
75) Fluoranthene	19.06	202	382654	6.198	ng	100
78) Pyrene	19.41	202	342521	6.803	ng	99
81) Benzo(a)anthracene	21.12	228	212546	4.374	ng	96
83) Chrysene	21.17	228	215494	4.632	ng	97
88) Benzo(b)fluoranthene	22.70	252	302014m	5.773	ng	
90) Benzo(a)pyrene	23.27	252	199174	4.104	ng	97
92) Benzo(g,h,i)perylene	26.33	276	151061	2.919	ng	98

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

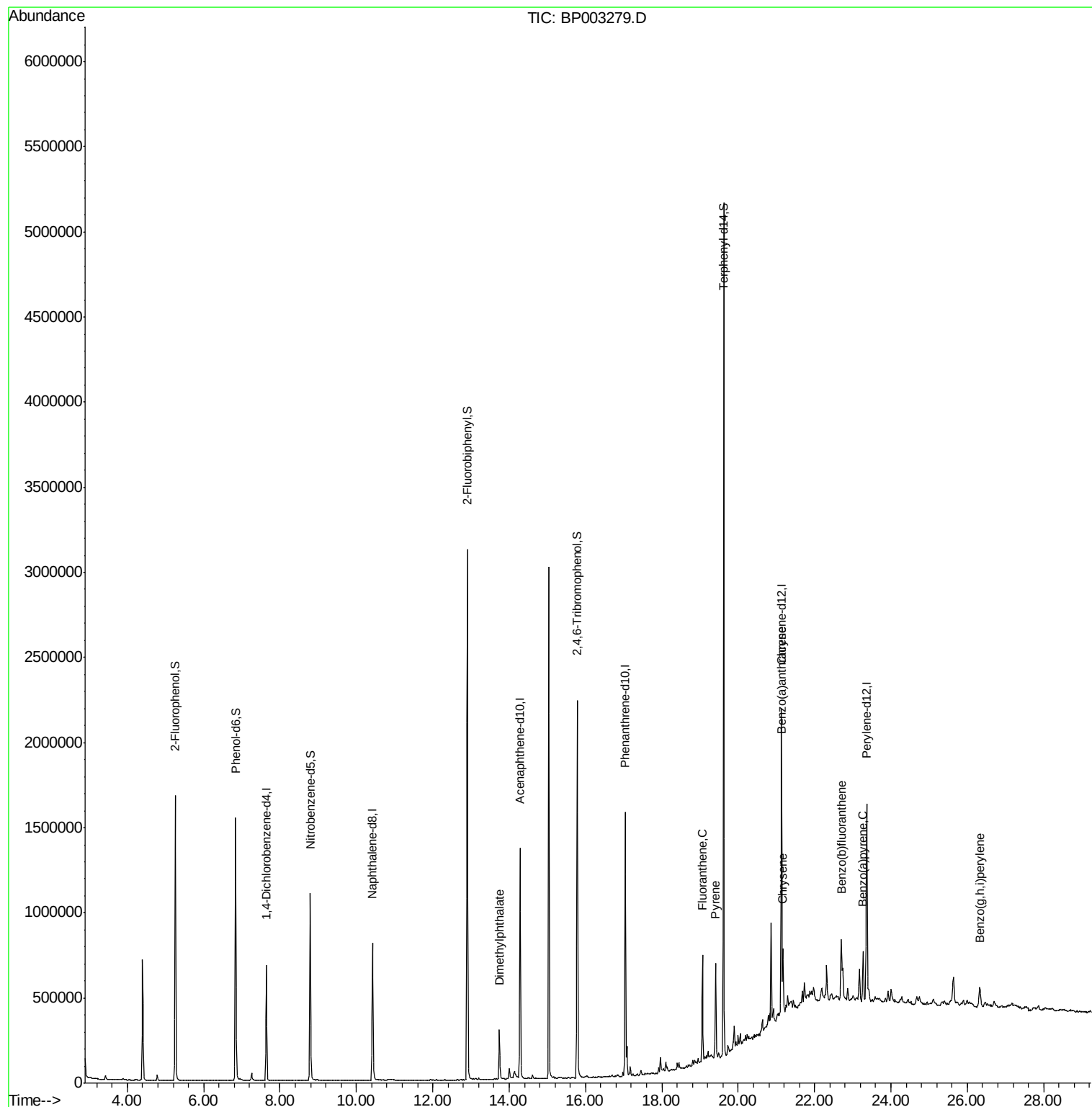
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003279.D
Acq On : 14 Sep 2020 21:13
Operator : CG/JU
Sample : L3981-11
Misc :
ALS Vial : 12 Sample Multiplier: 1

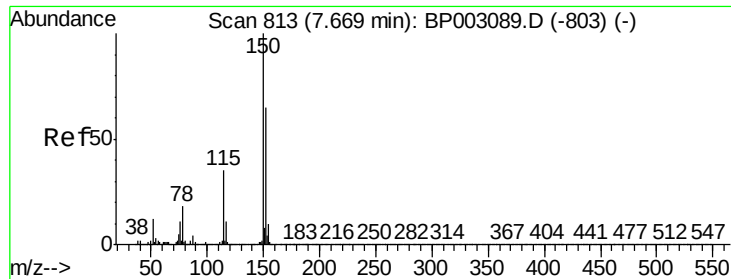
Instrument :
BNA_P
ClientSampleId :
B20-4-6

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration





#1

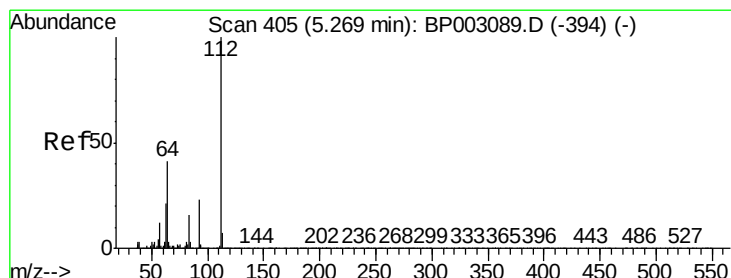
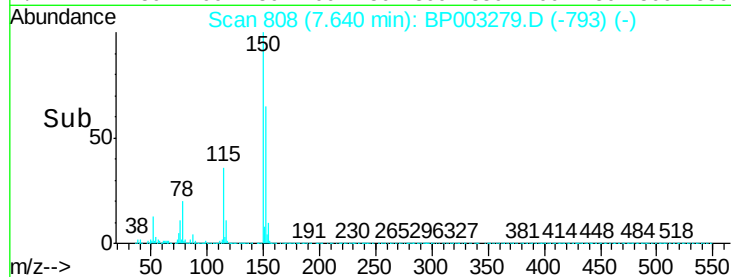
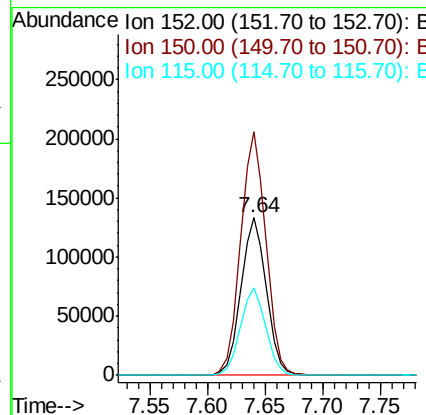
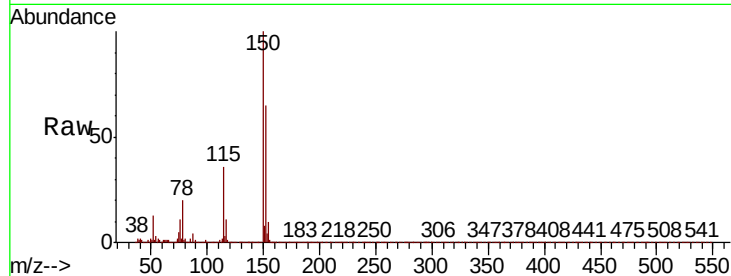
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 808
Delta R.T. -0.01 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

Instrument :
BNA_P
ClientSampled :
B20-4-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.8	185.6
115	55.5	43.8	65.6

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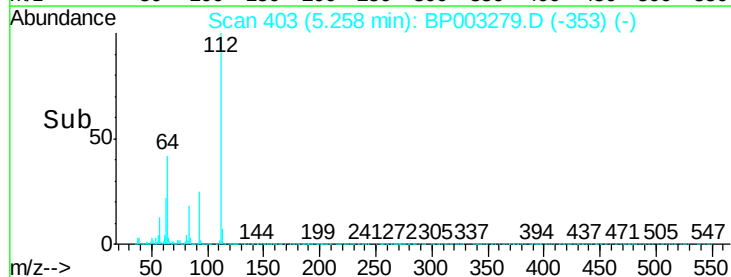
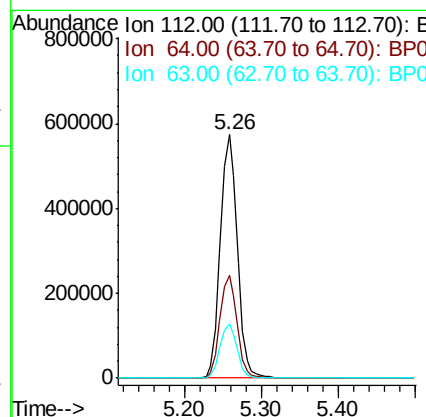
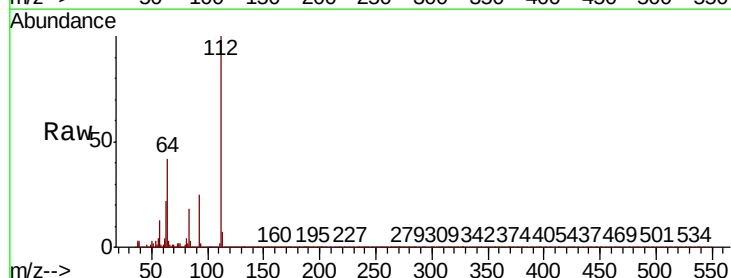
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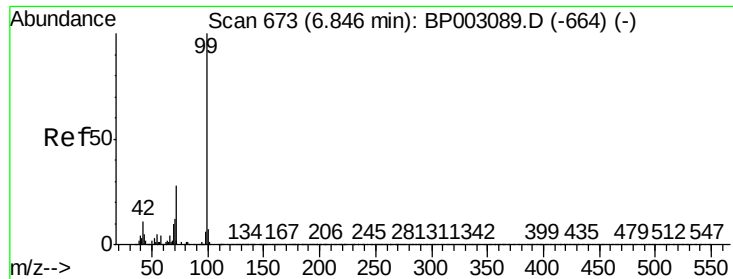


#5

2-Fluorophenol
Concen: 76.221 ng
RT: 5.26 min Scan# 403
Delta R.T. -0.01 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.4	32.8	49.2
63	22.4	17.0	25.4





#7

Phenol-d6

Concen: 76.334 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.00 min

Lab File: BP003279.D

Acq: 14 Sep 2020 21:13

Instrument :

BNA_P

ClientSampleId :

B20-4-6

Tot Ion: 99 Resp: 1092784

Ion Ratio Lower Upper

99 100

42 11.7 8.6 13.0

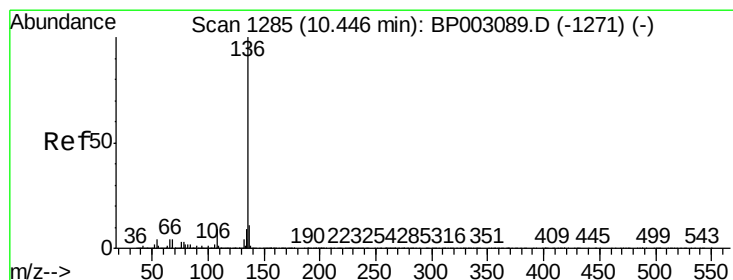
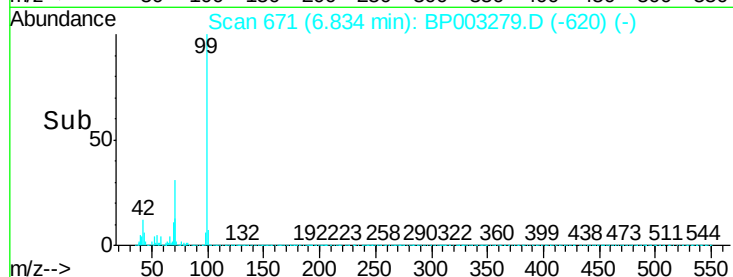
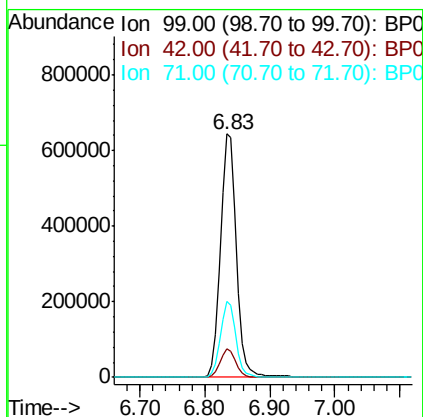
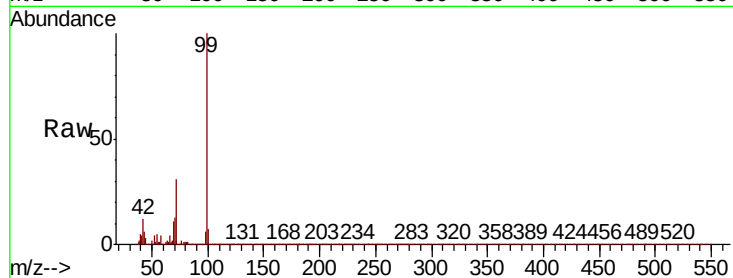
71 31.0 23.4 35.2

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BP003279.D

Acq: 14 Sep 2020 21:13

Tgt Ion: 136 Resp: 806066

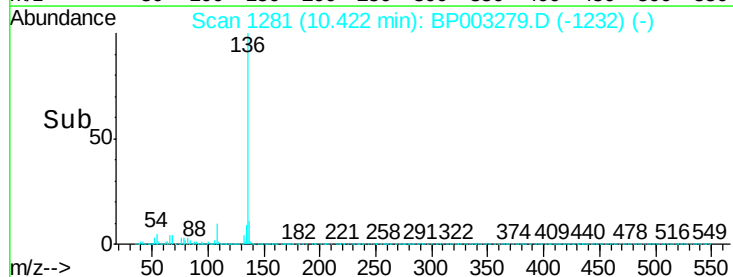
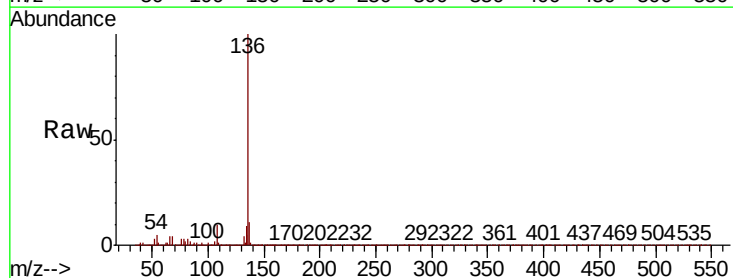
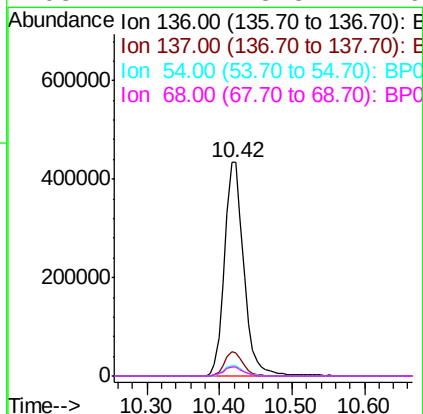
Ion Ratio Lower Upper

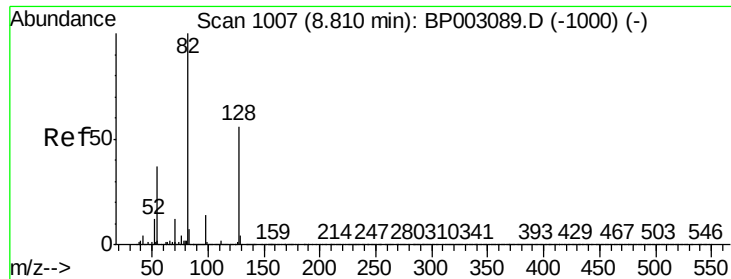
136 100

137 11.0 8.6 13.0

54 4.7 3.6 5.4

68 4.2 3.3 4.9





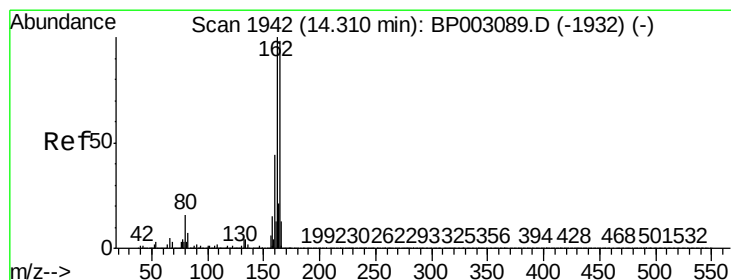
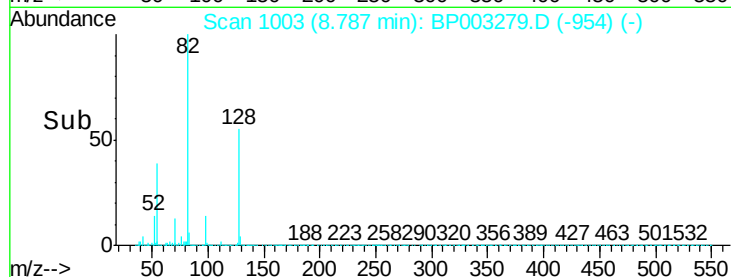
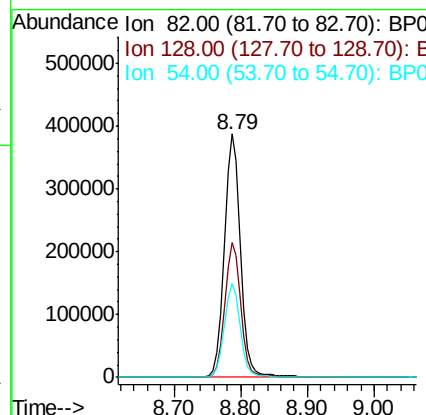
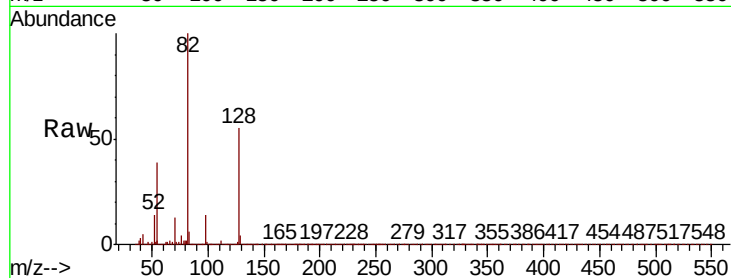
#23
 Nitrobenzene-d5
 Concen: 59.408 ng
 RT: 8.79 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BP003279.D
 Acq: 14 Sep 2020 21:13

Instrument :
 BNA_P
 ClientSampled :
 B20-4-6

Tot Ion	82	Resp	664261
Ion Ratio	Lower	Upper	
82	100		
128	55.2	45.6	68.4
54	38.6	30.1	45.1

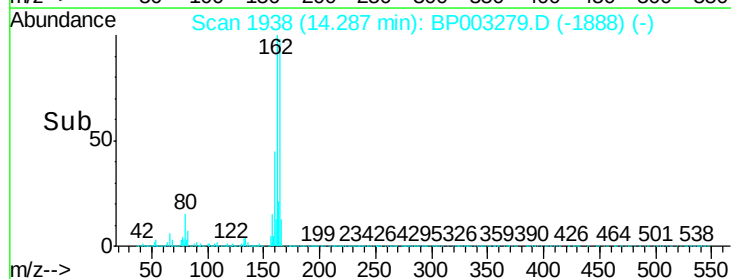
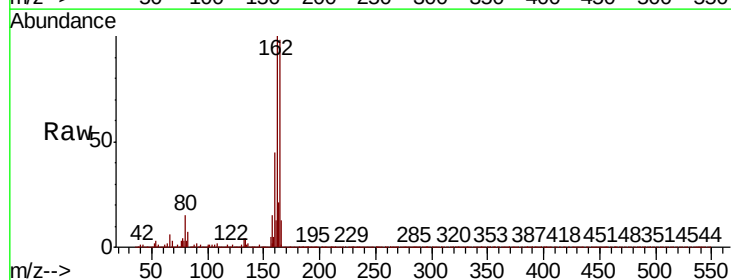
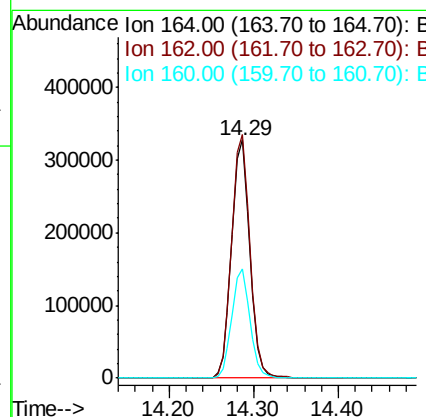
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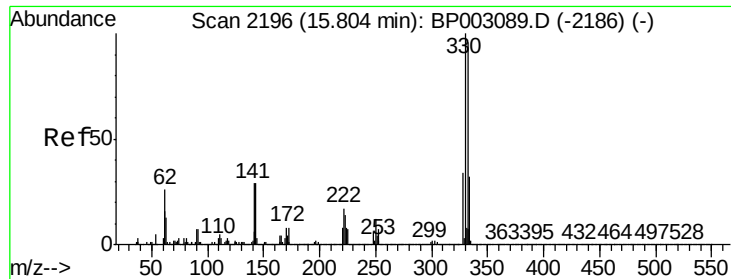
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BP003279.D
 Acq: 14 Sep 2020 21:13

Tgt Ion	164	Resp	486612
Ion Ratio	Lower	Upper	
164	100		
162	102.2	79.4	119.2
160	45.7	36.1	54.1





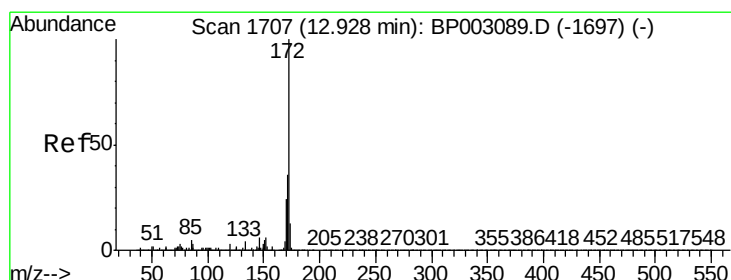
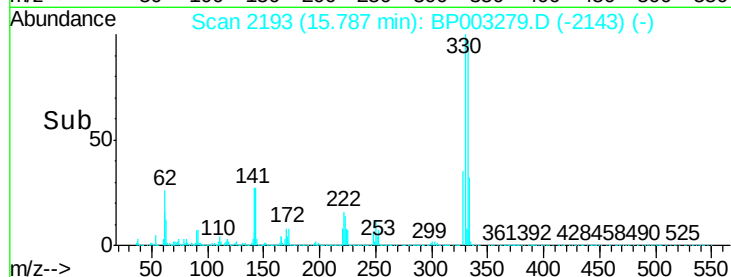
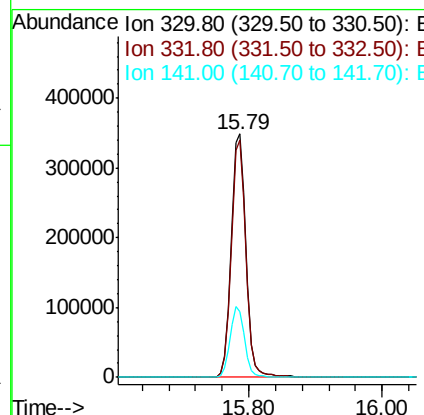
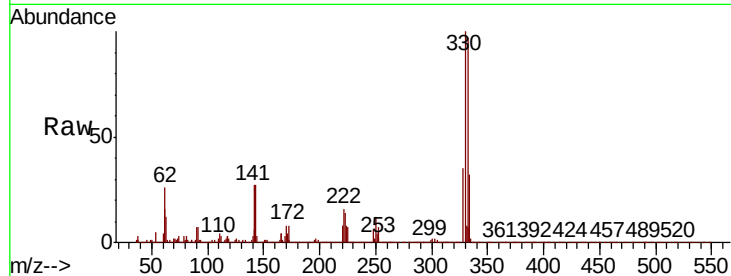
#42
 2,4,6-Tribromophenol
 Concen: 82.993 ng
 RT: 15.79 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BP003279.D
 Acq: 14 Sep 2020 21:13

Instrument :
 BNA_P
 ClientSampleId :
 B20-4-6

Tot Ion	Ratio	Resp	Lower	Upper
330	100	546203		
332	96.3		77.1	115.7
141	28.9		23.4	35.2

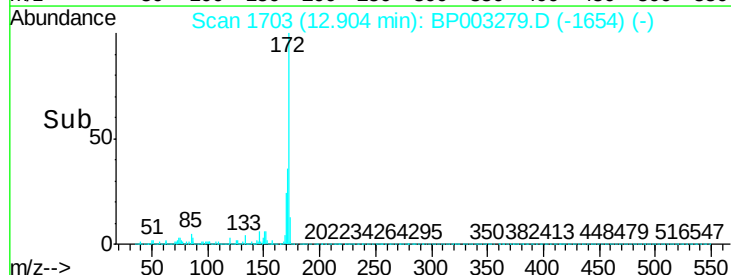
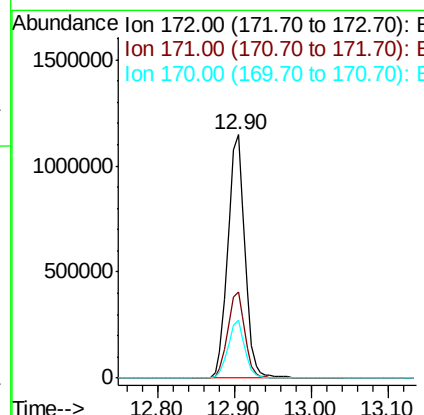
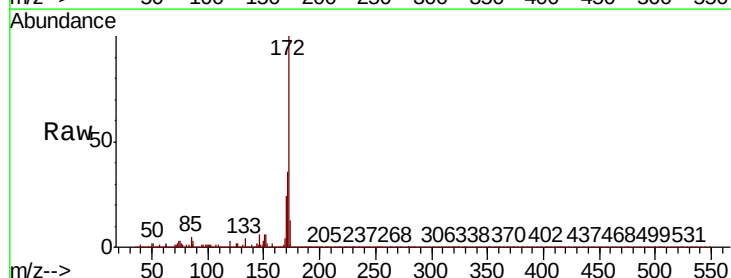
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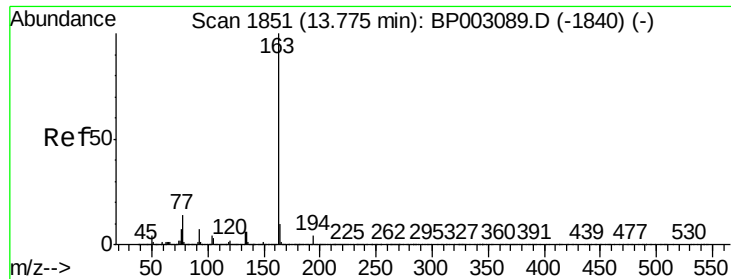
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#45
 2-Fluorobiphenyl
 Concen: 53.575 ng
 RT: 12.90 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BP003279.D
 Acq: 14 Sep 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1780221		
171	35.6		28.5	42.7
170	23.6		19.2	28.8





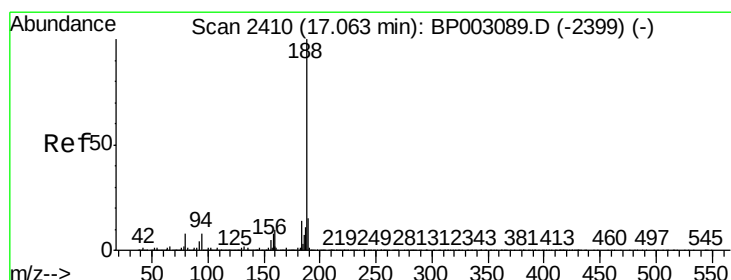
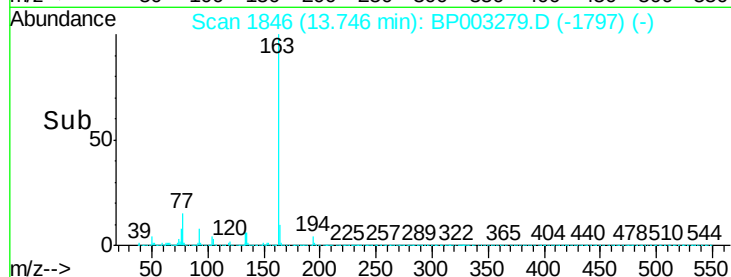
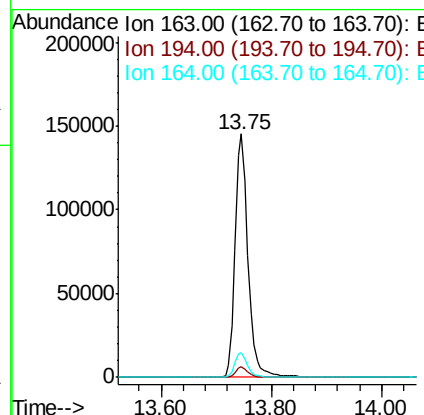
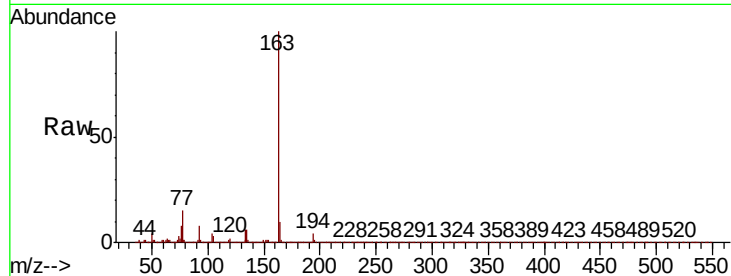
#50
Dimethylphthalate
Concen: 6.466 ng
RT: 13.75 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

Instrument :
BNA_P
ClientSampleId :
B20-4-6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	239946		
194	4.3	3.3	4.9	
164	10.0	8.2	12.2	

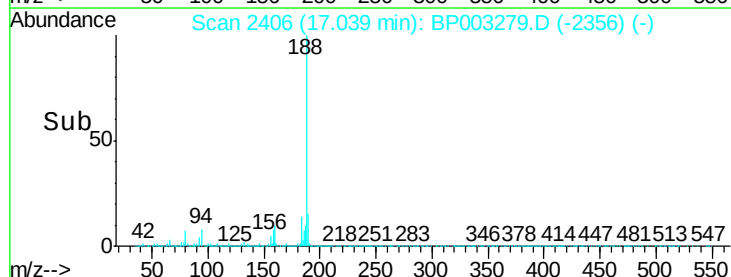
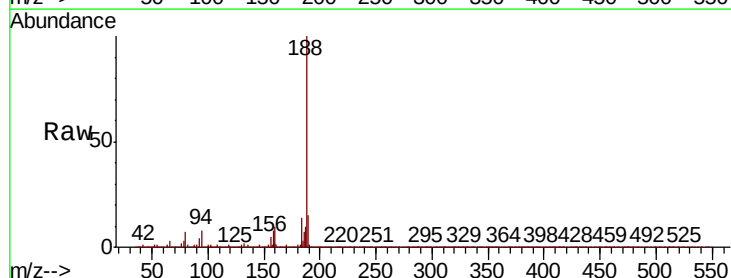
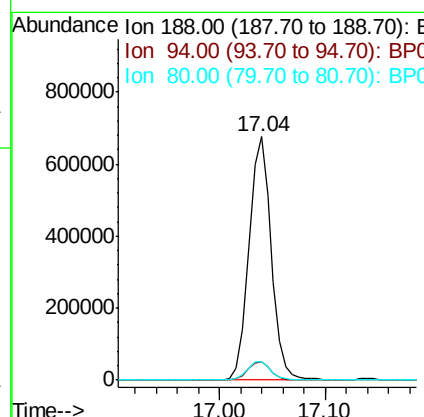
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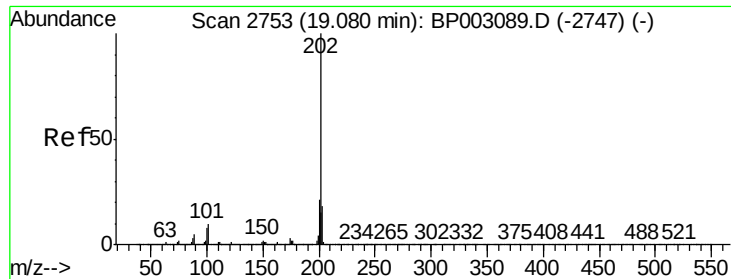
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	985771		
94	7.8	6.2	9.2	
80	7.4	6.2	9.2	





#75

Fluoranthene

Concen: 6.198 ng

RT: 19.06 min Scan# 2750

Delta R.T. -0.01 min

Lab File: BP003279.D

Acq: 14 Sep 2020 21:13

Instrument :

BNA_P

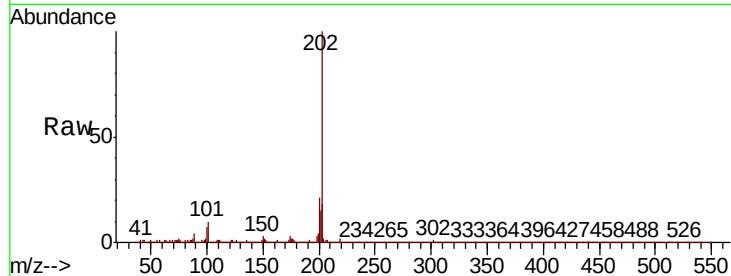
ClientSampleId :

B20-4-6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		382654		
101	9.7	0.0	29.4		
203	17.7	0.0	37.8		

Manual Integrations
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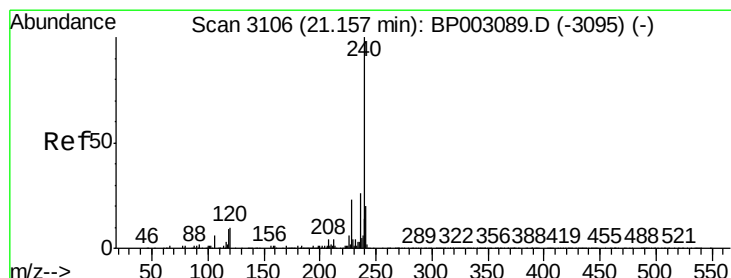
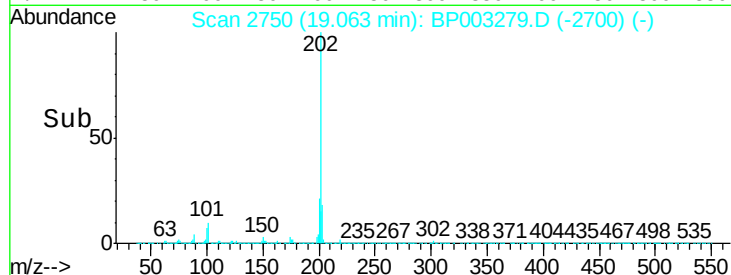
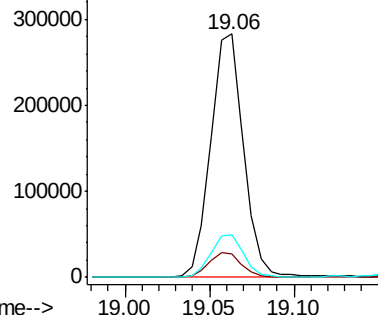
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Abundance Ion 202.00 (201.70 to 202.70): E

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

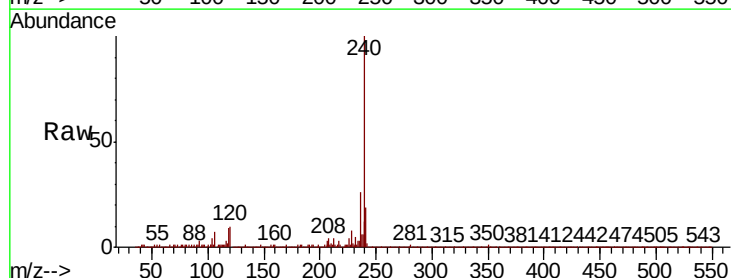
RT: 21.13 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BP003279.D

Acq: 14 Sep 2020 21:13

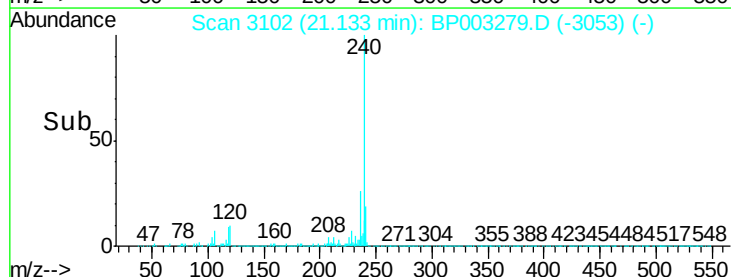
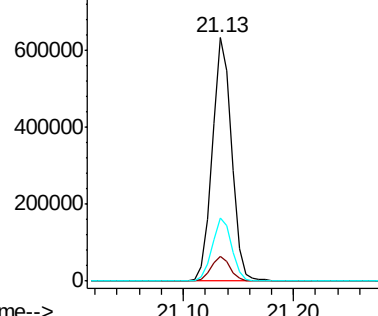
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		775722		
120	9.9	7.8	11.6		
236	25.7	20.8	31.2		

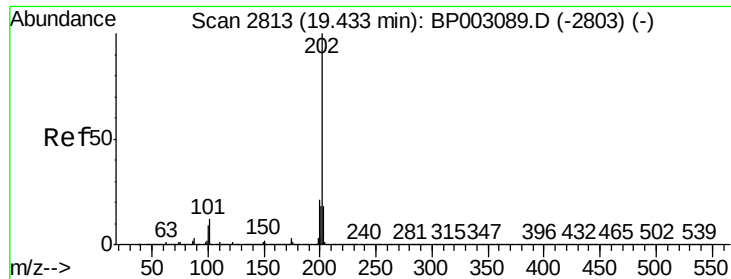


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





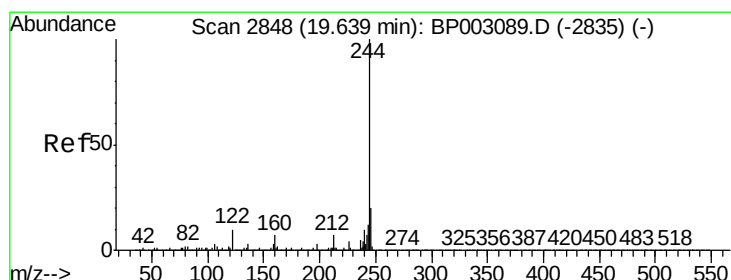
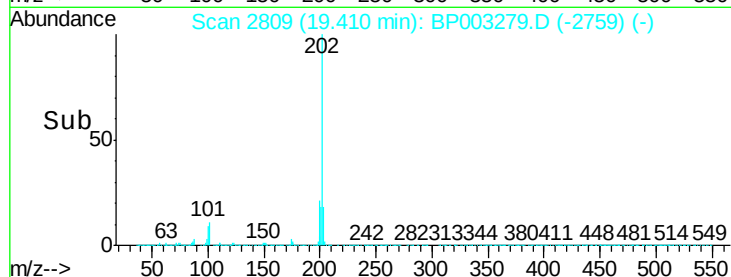
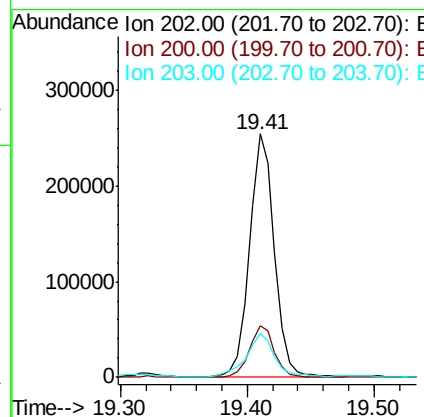
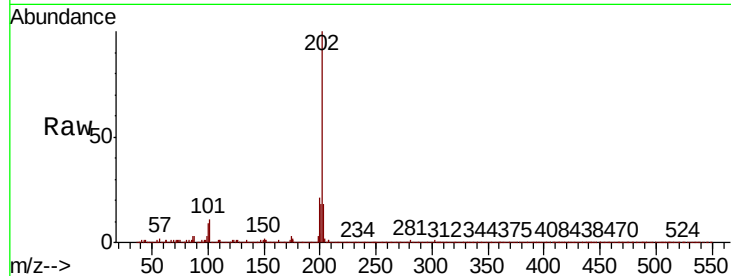
#78
Pvrene
Concen: 6.803 ng
RT: 19.41 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

Instrument :
BNA_P
ClientSampleId :
B20-4-6

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.0	17.1	25.7
203	18.2	14.2	21.2

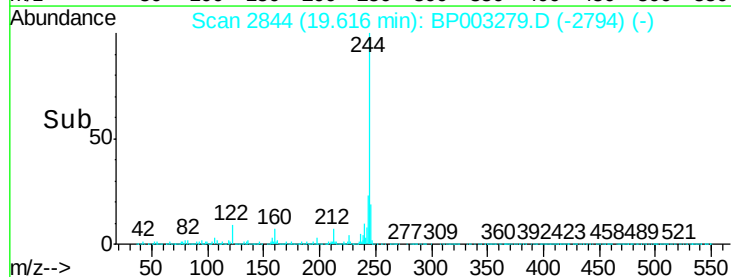
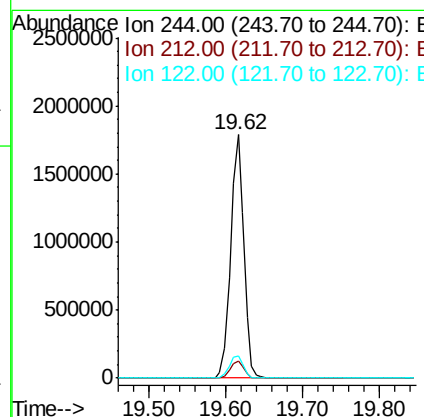
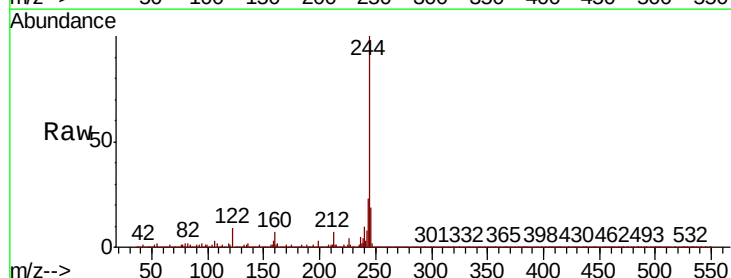
Manual Integrations
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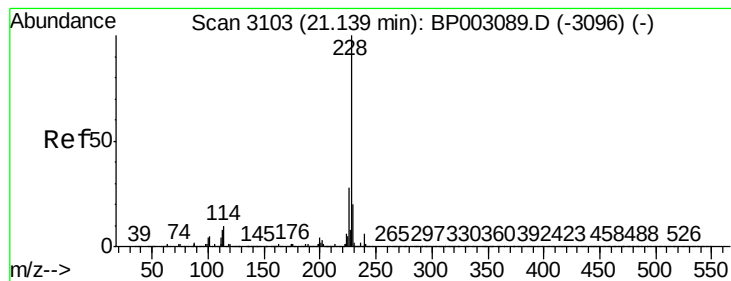
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#79
Terphenyl-d14
Concen: 60.399 ng
RT: 19.62 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.1	7.8	11.8





#81

Benzo(a)anthracene

Concen: 4.374 ng

RT: 21.12 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BP003279.D

Acq: 14 Sep 2020 21:13

Instrument :

BNA_P

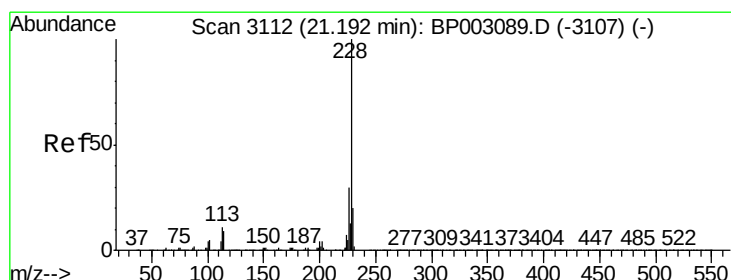
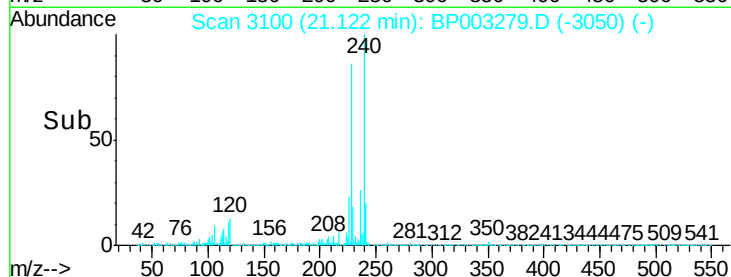
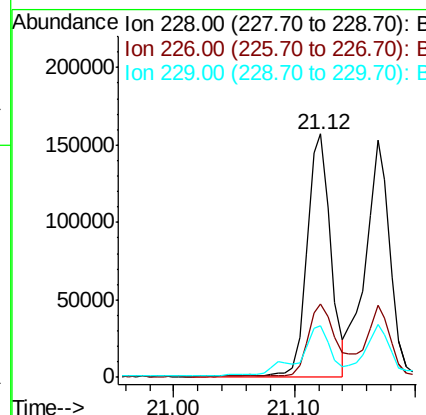
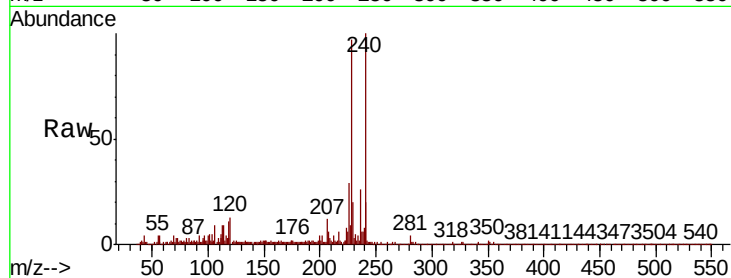
ClientSampleId :

B20-4-6

Tot Ion:	228	Resp:	212546
Ion Ratio	Lower	Upper	
228	100		
226	29.9	22.1	33.1
229	21.0	15.9	23.9

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#83

Chrysene

Concen: 4.632 ng

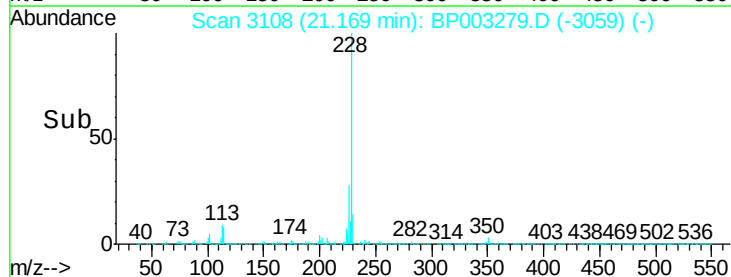
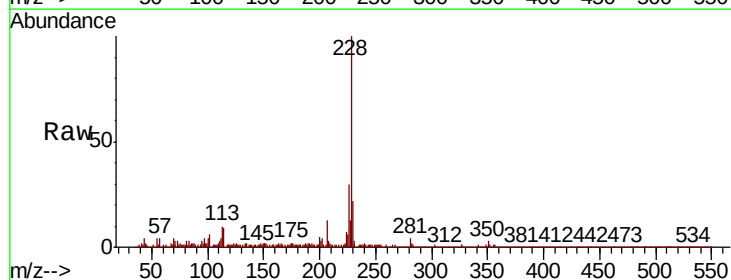
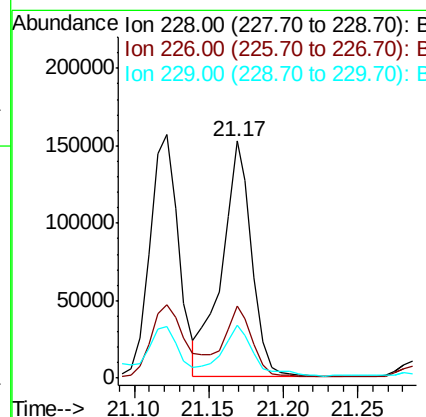
RT: 21.17 min Scan# 3108

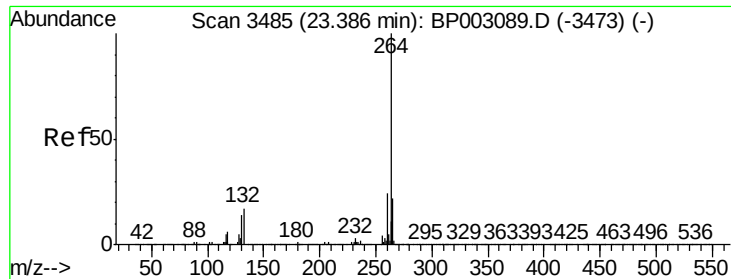
Delta R.T. -0.01 min

Lab File: BP003279.D

Acq: 14 Sep 2020 21:13

Tgt Ion:	228	Resp:	215494
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.4	36.6
229	22.4	15.8	23.6





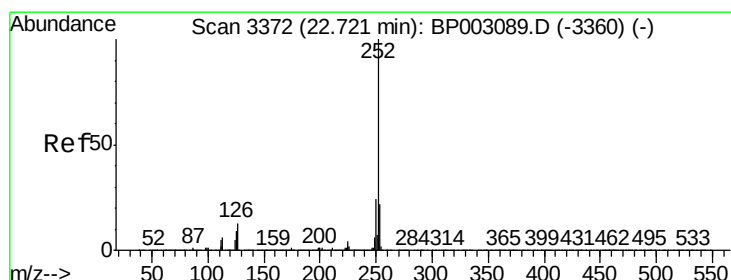
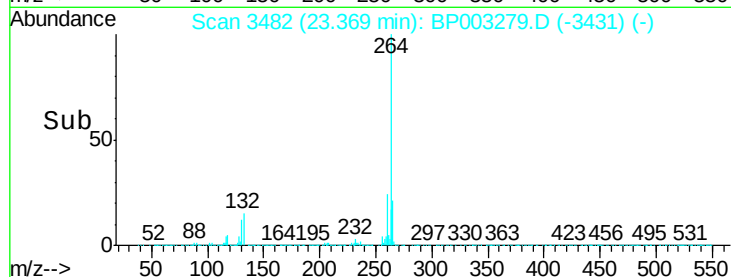
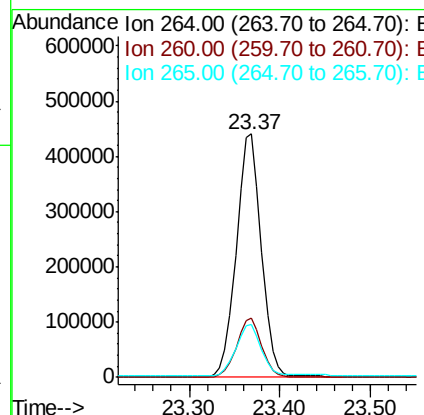
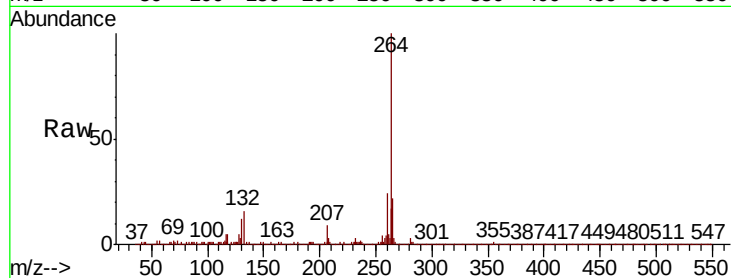
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

Instrument :
BNA_P
ClientSampled :
B20-4-6

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	21.6	17.4	26.2

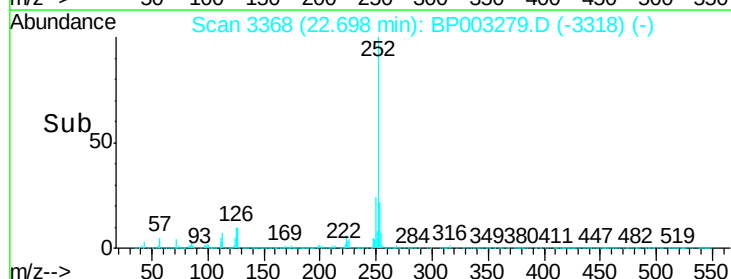
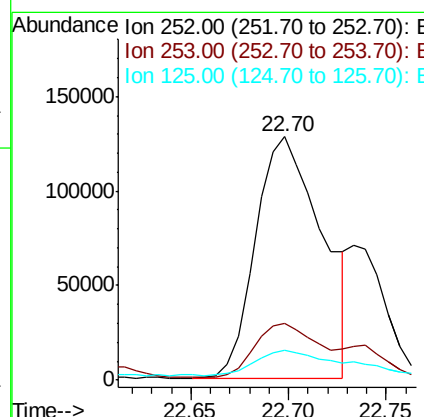
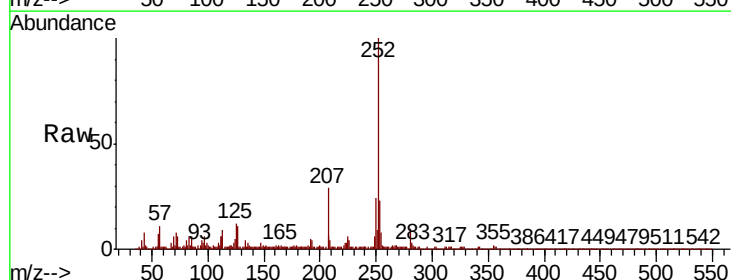
Manual Integrations
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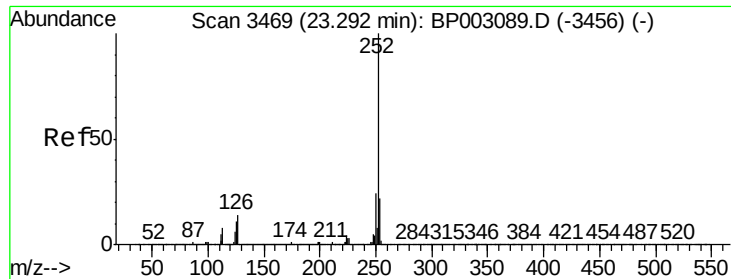
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#88
Benzo(b)fluoranthene
Concen: 5.773 ng m
RT: 22.70 min Scan# 3368
Delta R.T. -0.01 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	12.3	7.3	10.9





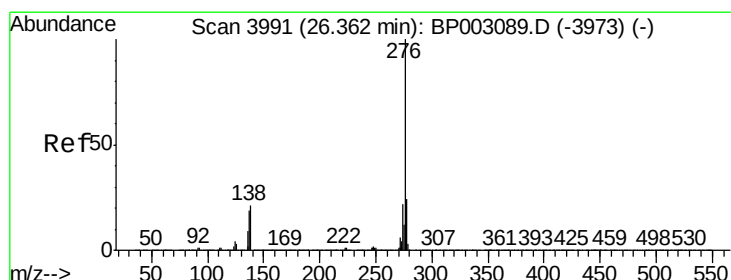
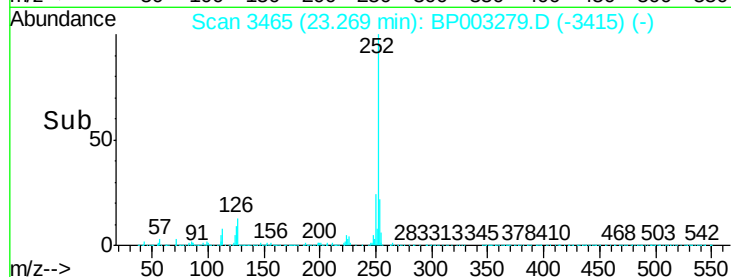
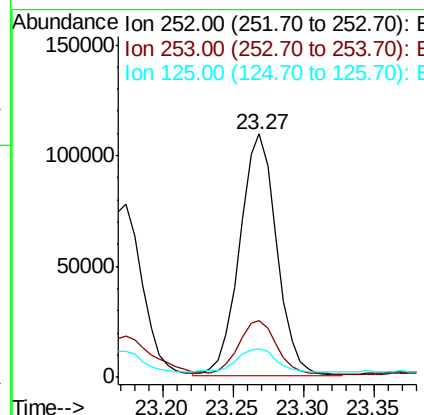
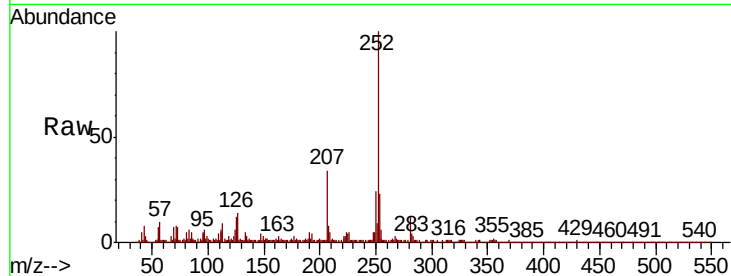
#90
Benzo(a)pyrene
Concen: 4.104 ng
RT: 23.27 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

Instrument :
BNA_P
ClientSampled :
B20-4-6

Tot Ion:	252	Resp:	199174
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.4	26.0
125	11.5	8.2	12.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.919 ng
RT: 26.33 min Scan# 3985
Delta R.T. -0.01 min
Lab File: BP003279.D
Acq: 14 Sep 2020 21:13

Tgt Ion:	276	Resp:	151061
Ion Ratio	Lower	Upper	
276	100		
277	25.4	19.0	28.6
138	20.2	16.6	24.8

