

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
 Data File : BP003207.D
 Acq On : 04 Sep 2020 12:35
 Operator : CG/JU
 Sample : L3871-01 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-090220

Manual Integrations
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Quant Time: Sep 04 14:13:09 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	35759	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	157227	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	110464	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	325656	20.00	ng	0.00
76) Chrysene-d12	21.14	240	900133	20.00	ng	0.00
86) Perylene-d12	23.37	264	1257953	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	34390	17.00	ng	0.00
7) Phenol-d6	6.83	99	45028	17.76	ng	0.00
23) Nitrobenzene-d5	8.79	82	23325	10.69	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	29690	19.87	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	75051	9.95	ng	0.00
79) Terphenyl-d14	19.62	244	274797	6.72	ng	0.00
Target Compounds						
49) Acenaphthylene	14.01	152	44374	4.327	ng	Qvalue 96
71) Phenanthrene	17.09	178	48682	2.759	ng	98
72) Anthracene	17.18	178	36874	2.183	ng	99
75) Fluoranthene	19.06	202	125003	6.129	ng	98
78) Pyrene	19.42	202	143894	2.463	ng	98
81) Benzo(a)anthracene	21.12	228	119312	2.116	ng	# 91
83) Chrysene	21.17	228	119855	2.220	ng	# 95
88) Benzo(b)fluoranthene	22.70	252	202283m	2.587	ng	
90) Benzo(a)pyrene	23.27	252	152128	2.097	ng	# 87

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

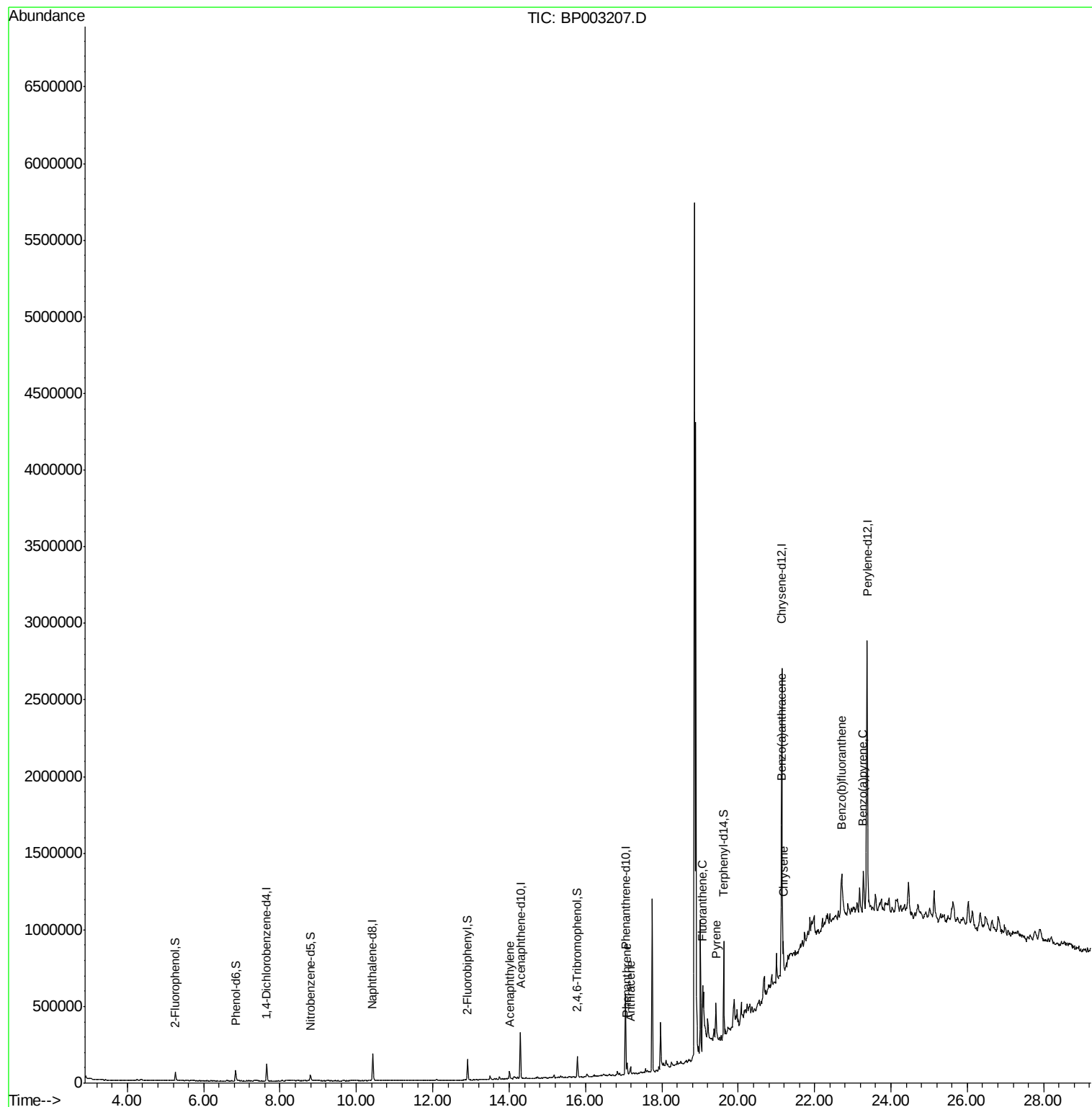
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
Data File : BP003207.D
Acq On : 04 Sep 2020 12:35
Operator : CG/JU
Sample : L3871-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

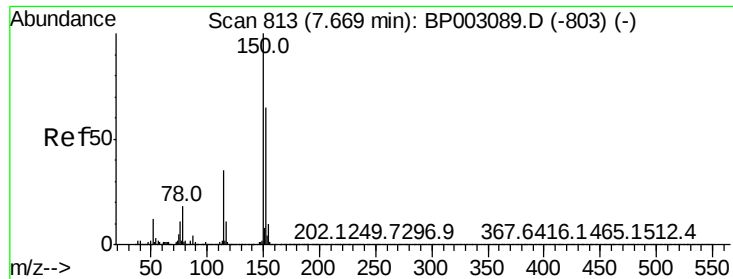
Instrument :
BNA_P
ClientSampleId :
TR-05-090220

Quant Time: Sep 04 14:13:09 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

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#1

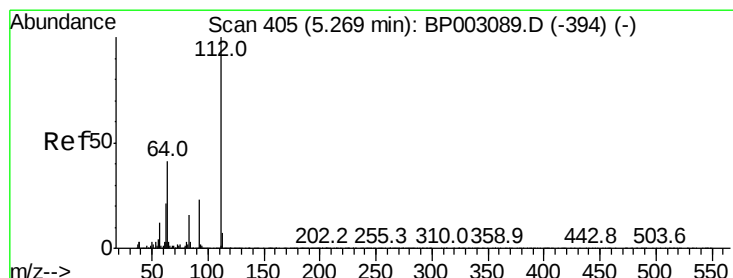
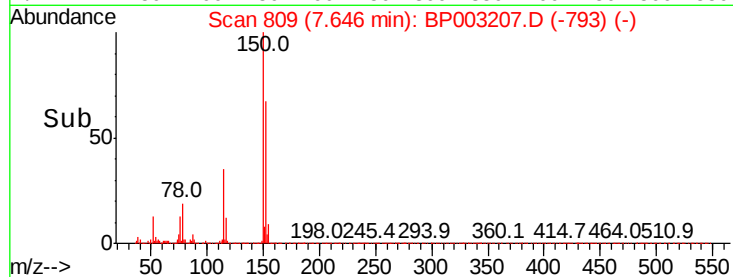
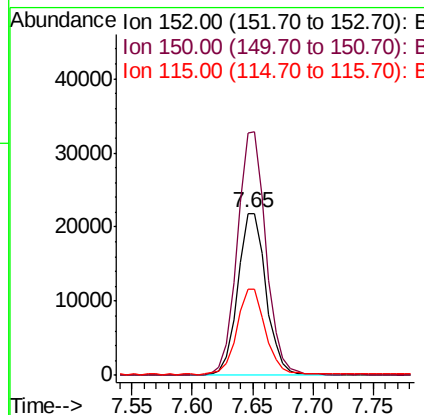
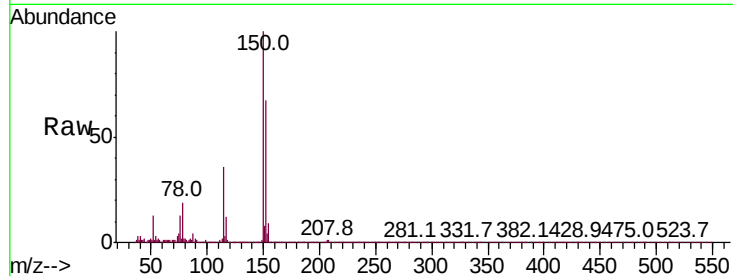
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 809
Delta R.T. -0.01 min
Lab File: BP003207.D
Acq: 04 Sep 2020 12:35

Instrument :
BNA_P
ClientSampleId :
TR-05-090220

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	123.8	185.6
115	53.6	43.8	65.6

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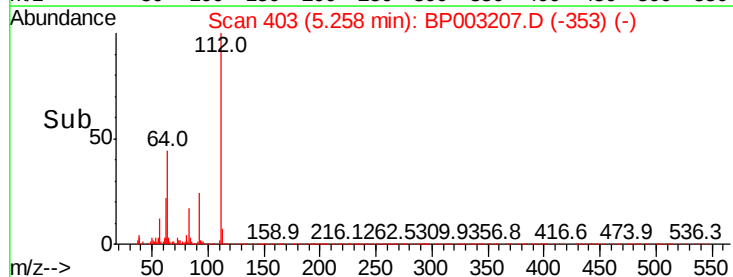
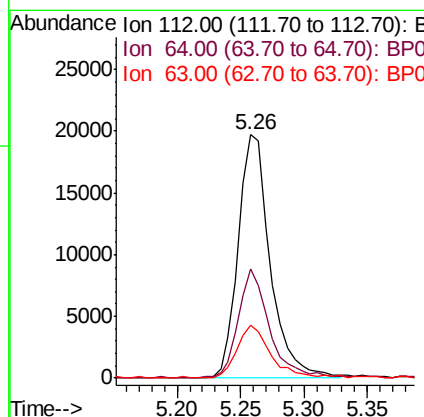
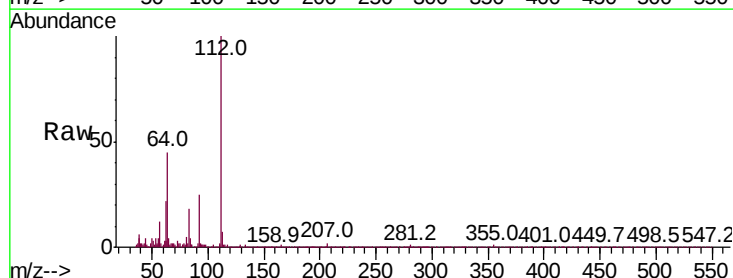
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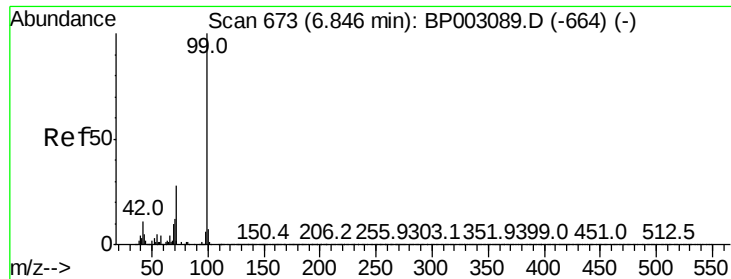


#5

2-Fluorophenol
Concen: 17.003 ng
RT: 5.26 min Scan# 403
Delta R.T. -0.01 min
Lab File: BP003207.D
Acq: 04 Sep 2020 12:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.6	32.8	49.2
63	21.8	17.0	25.4





#7

Phenol-d6

Concen: 17.760 ng

RT: 6.83 min Scan# 671

Delta R.T. 0.00 min

Lab File: BP003207.D

Acq: 04 Sep 2020 12:35

Instrument :

BNA_P

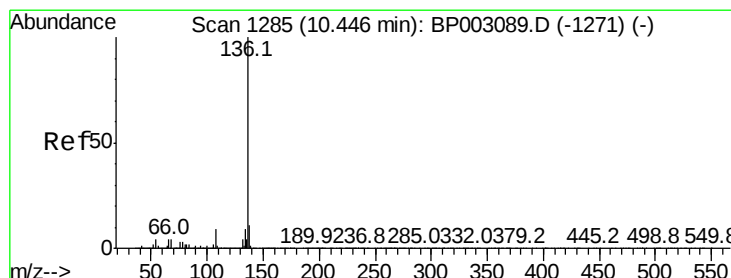
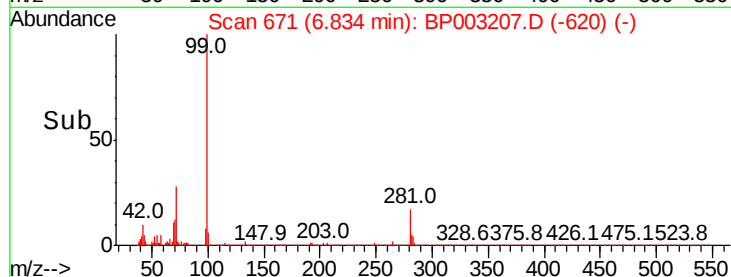
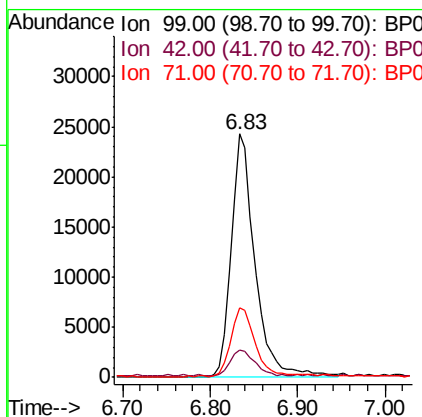
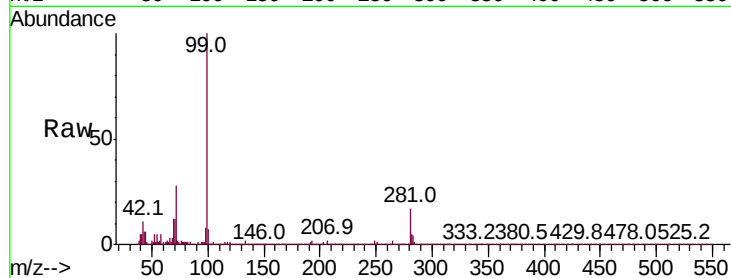
ClientSampleId :

TR-05-090220

Tot Ion:	99	Resp:	45028
Ion Ratio	Lower	Upper	
99	100		
42	11.2	8.6	13.0
71	28.4	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.000 ng

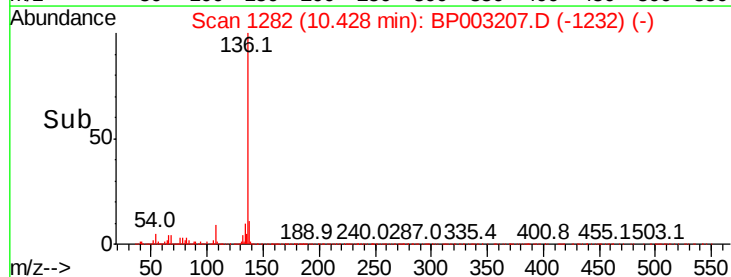
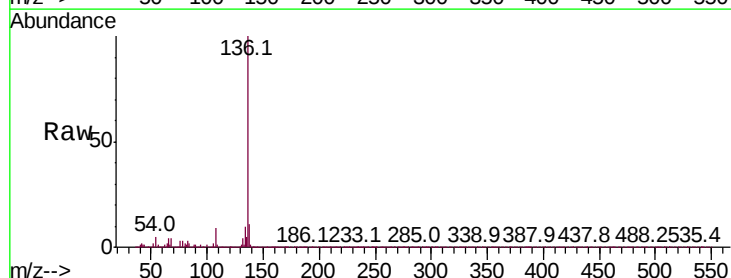
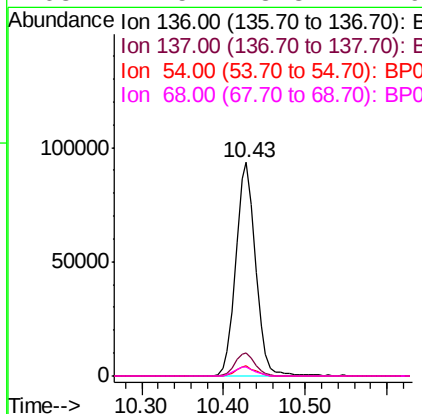
RT: 10.43 min Scan# 1282

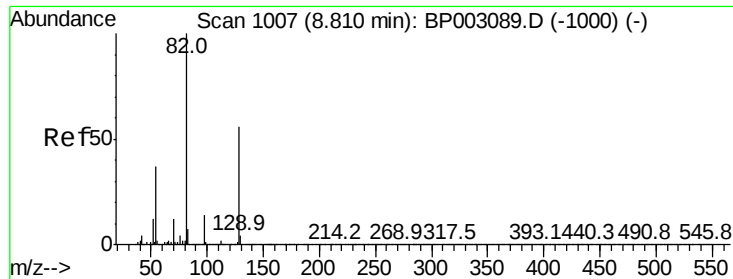
Delta R.T. -0.01 min

Lab File: BP003207.D

Acq: 04 Sep 2020 12:35

Tgt Ion:	136	Resp:	157227
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	4.8	3.6	5.4
68	4.5	3.3	4.9





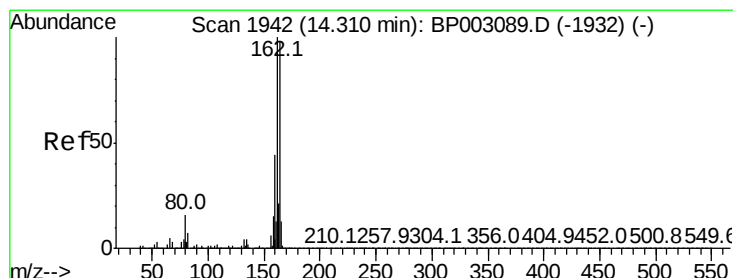
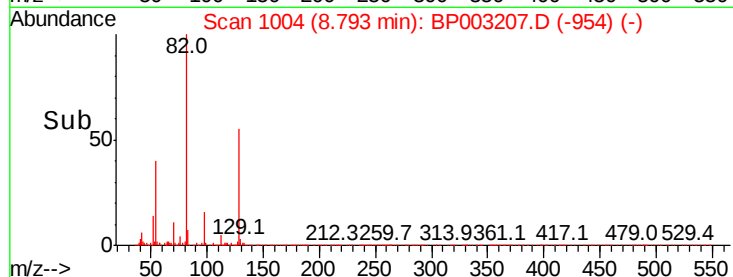
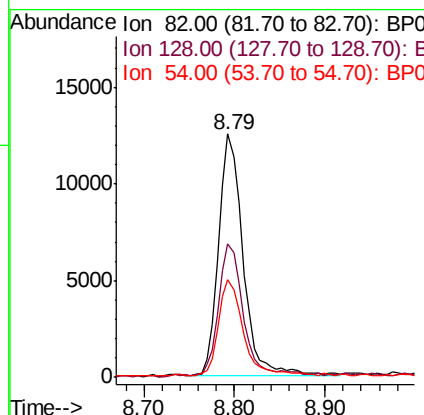
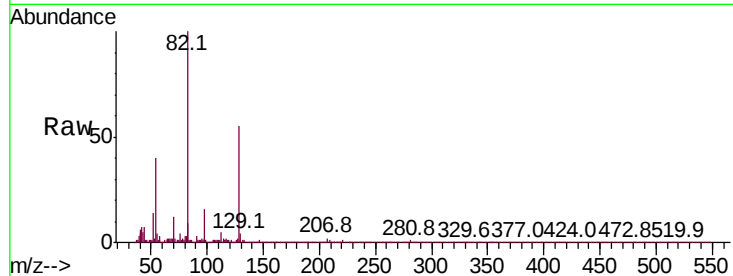
#23
Nitrobenzene-d5
Concen: 10.695 ng
RT: 8.79 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BP003207.D
Acq: 04 Sep 2020 12:35

Instrument :
BNA_P
ClientSampleId :
TR-05-090220

Tot Ion:	82	Resp:	23325
Ion Ratio	Lower	Upper	
82	100		
128	54.6	45.6	68.4
54	40.1	30.1	45.1

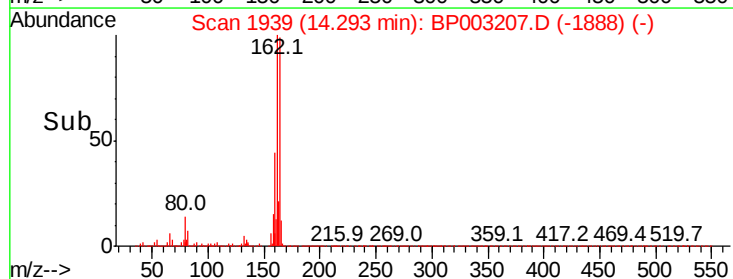
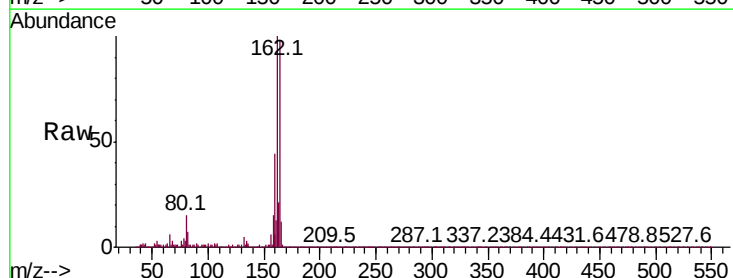
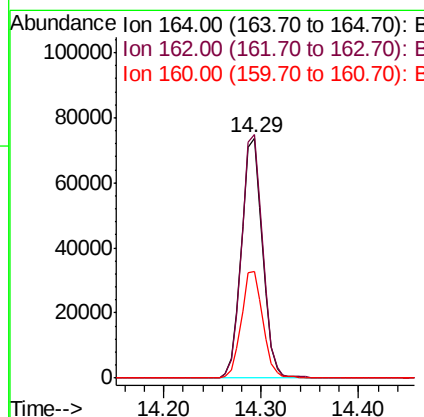
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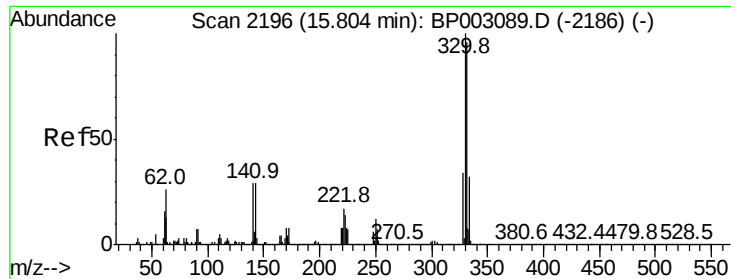
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BP003207.D
Acq: 04 Sep 2020 12:35

Tgt Ion:	164	Resp:	110464
Ion Ratio	Lower	Upper	
164	100		
162	101.5	79.4	119.2
160	44.6	36.1	54.1





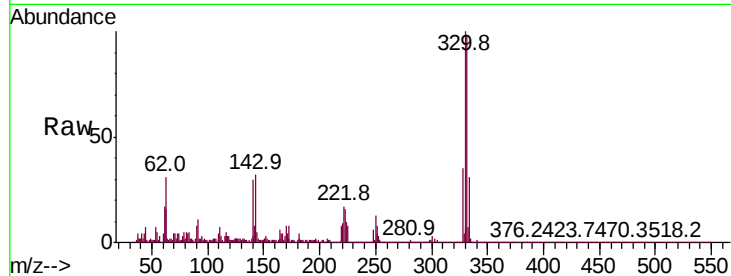
#42
2,4,6-Tribromophenol
Concen: 19.873 ng
RT: 15.79 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BP003207.D
Acq: 04 Sep 2020 12:35

Instrument :
BNA_P
ClientSampled :
TR-05-090220

Tot Ion	Ratio	Resp	Lower	Upper
330	100	29690		
332	96.6		77.1	115.7
141	29.3		23.4	35.2

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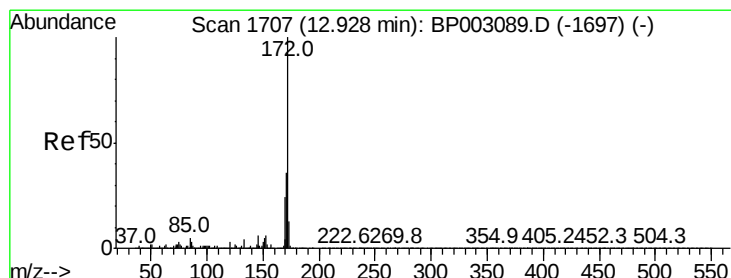
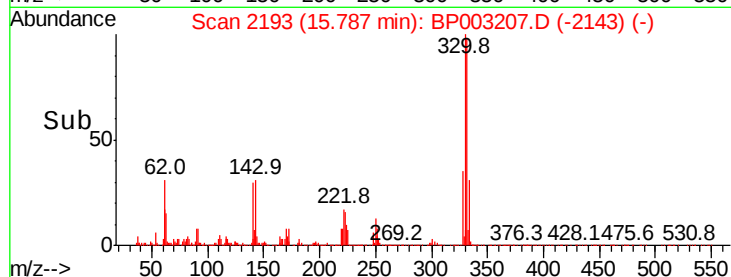
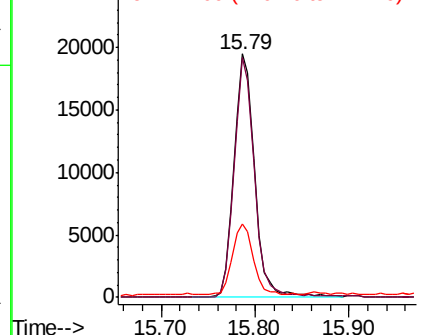


Abundance

Ion 329.80 (329.50 to 330.50): E

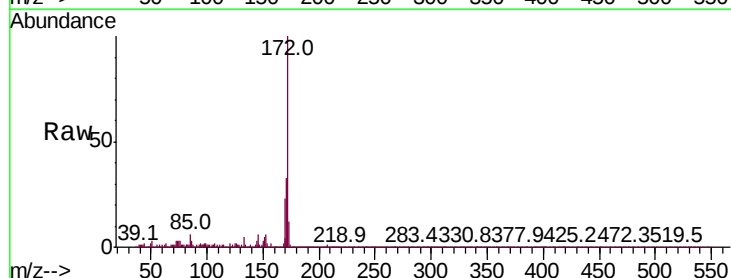
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 9.950 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003207.D
Acq: 04 Sep 2020 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	75051		
171	33.5		28.5	42.7
170	23.4		19.2	28.8

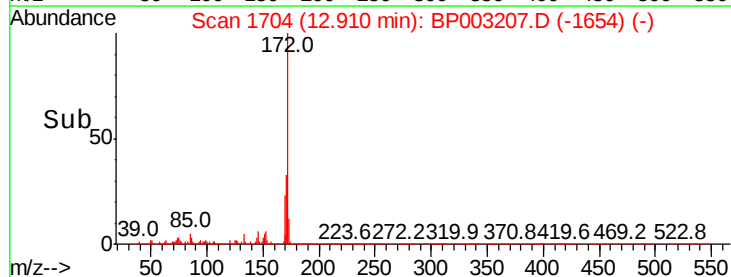
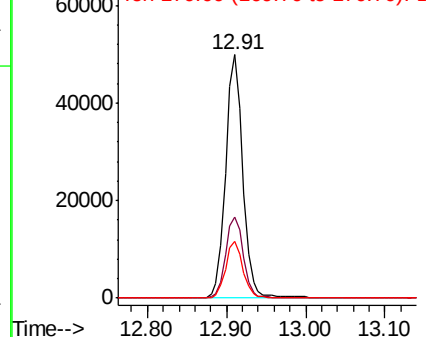


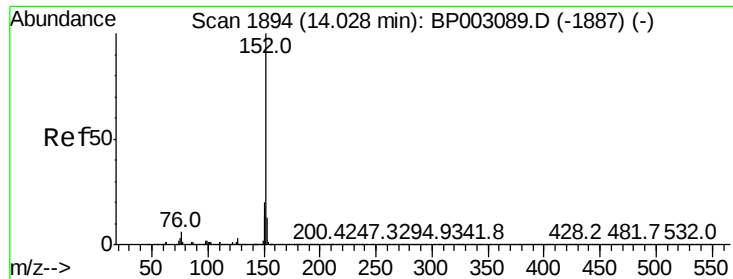
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





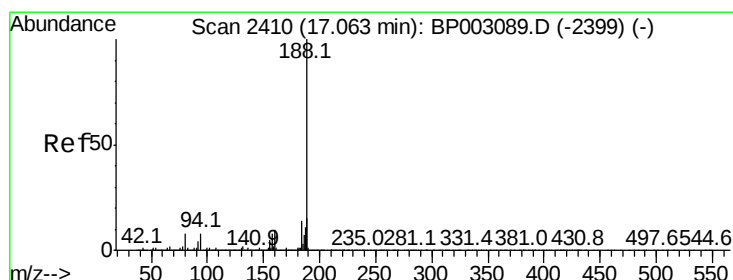
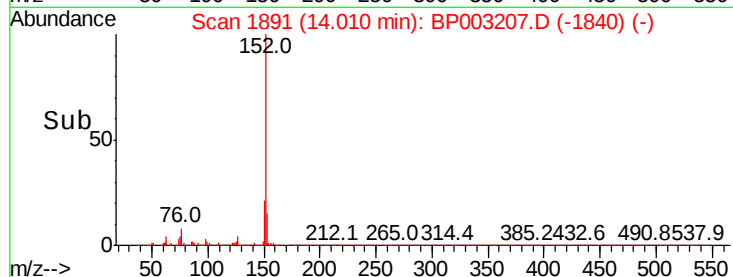
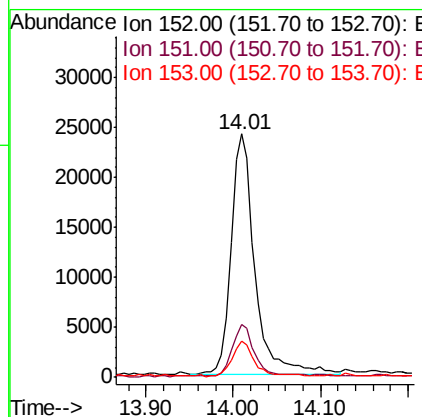
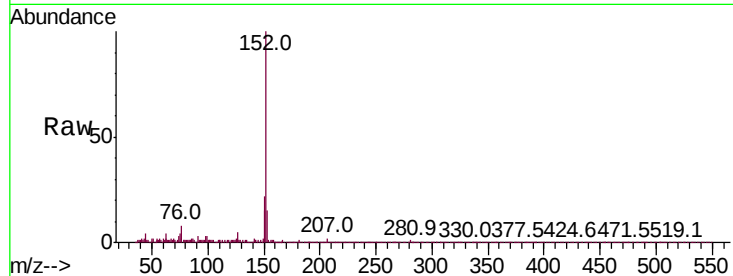
#49
Acenaphthylene
Concen: 4.327 ng
RT: 14.01 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BP003207.D
Acq: 04 Sep 2020 12:35

Instrument :
BNA_P
ClientSampleId :
TR-05-090220

Tot Ion:	152	Resp:	44374
Ion Ratio	Lower	Upper	
152	100		
151	21.6	15.9	23.9
153	15.1	10.5	15.7

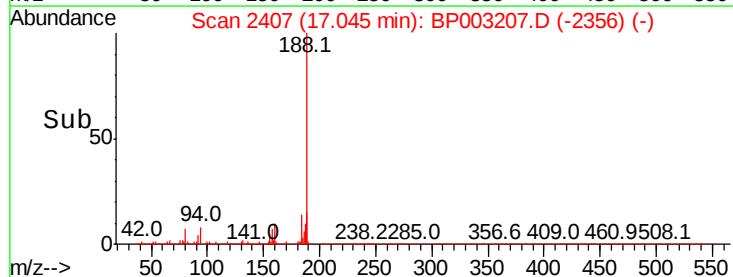
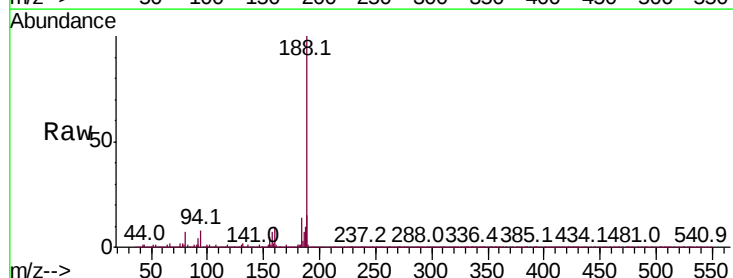
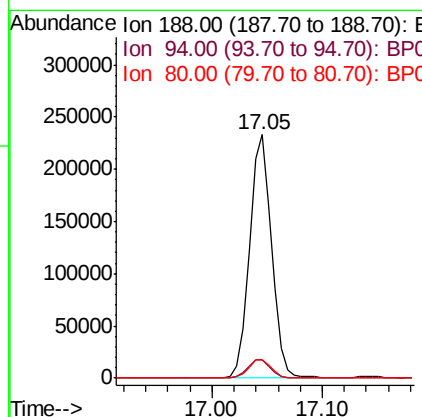
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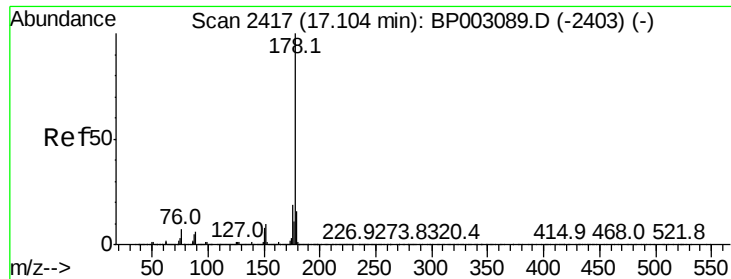
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2407
Delta R.T. 0.00 min
Lab File: BP003207.D
Acq: 04 Sep 2020 12:35

Tgt Ion:	188	Resp:	325656
Ion Ratio	Lower	Upper	
188	100		
94	7.6	6.2	9.2
80	7.4	6.2	9.2





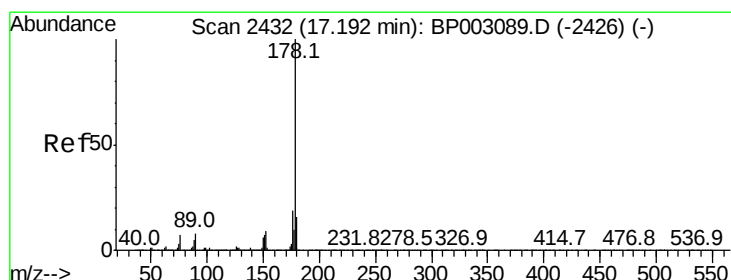
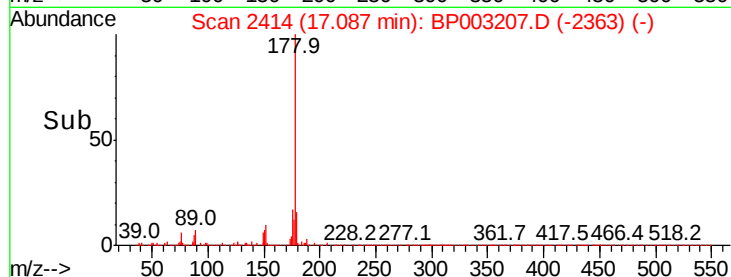
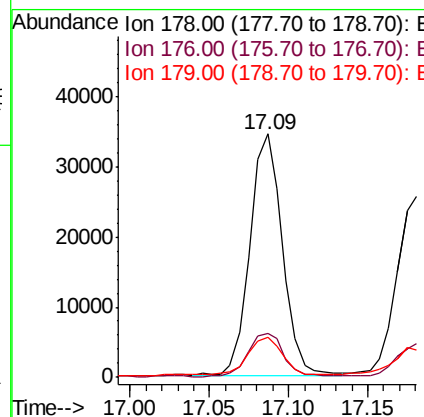
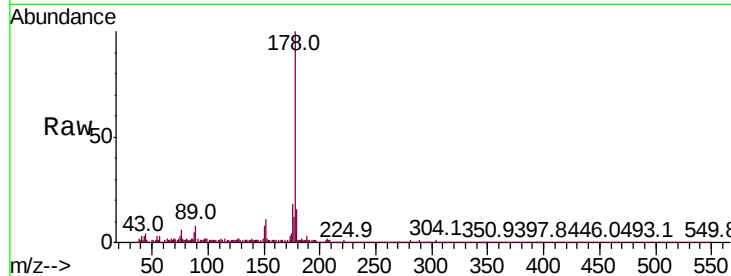
#71
Phenanthrene
Concen: 2.759 ng
RT: 17.09 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BP003207.D
Acq: 04 Sep 2020 12:35

Instrument :
BNA_P
ClientSampleId :
TR-05-090220

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.3	22.9
179	16.3	12.5	18.7

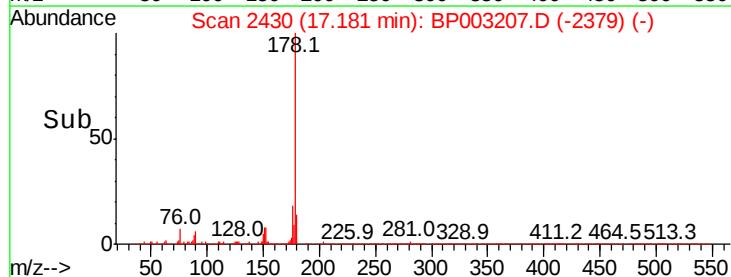
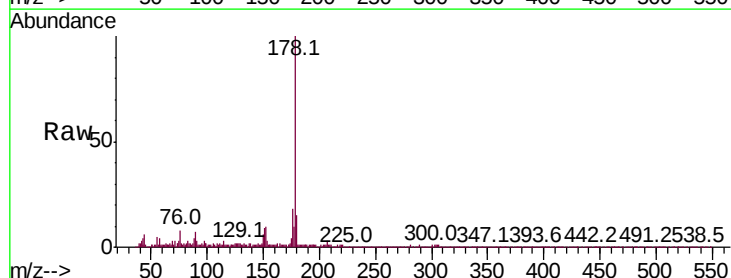
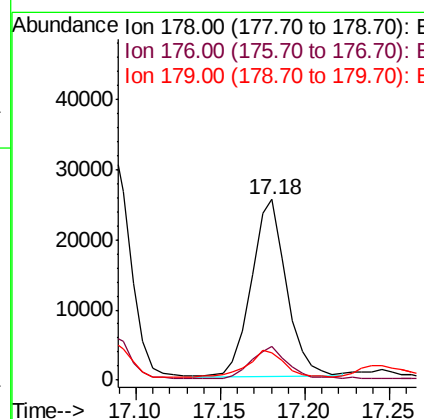
Manual Integrations
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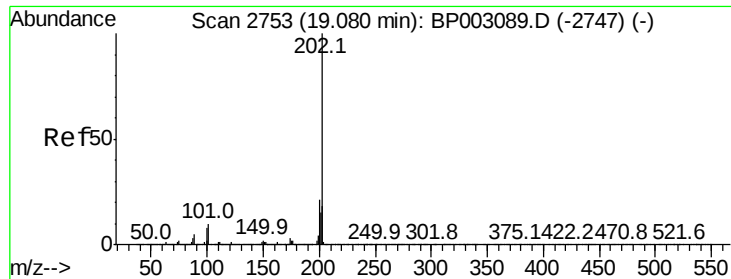
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#72
Anthracene
Concen: 2.183 ng
RT: 17.18 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BP003207.D
Acq: 04 Sep 2020 12:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.0	12.5	18.7





#75

Fluoranthene

Concen: 6.129 ng

RT: 19.06 min Scan# 2750

Delta R.T. -0.01 min

Lab File: BP003207.D

Acq: 04 Sep 2020 12:35

Instrument :

BNA_P

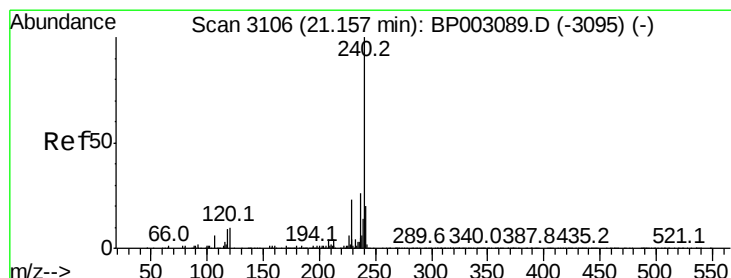
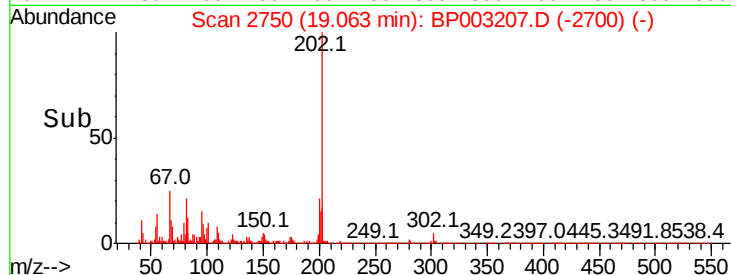
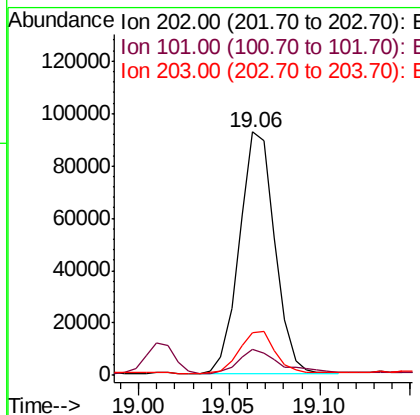
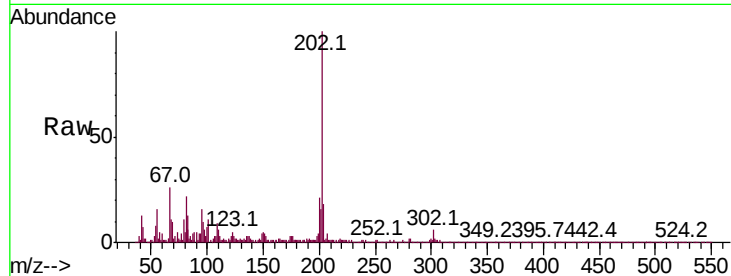
ClientSampleId :

TR-05-090220

Tot Ion:	202	Resp:	125003
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	29.4
203	17.6	0.0	37.8

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#76

Chrysene-d12

Concen: 20.000 ng

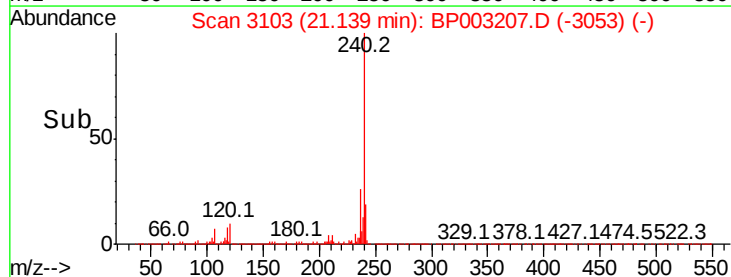
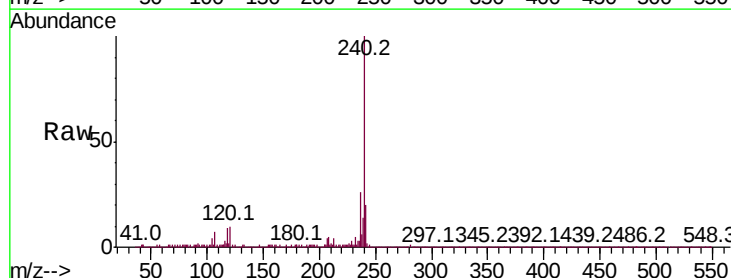
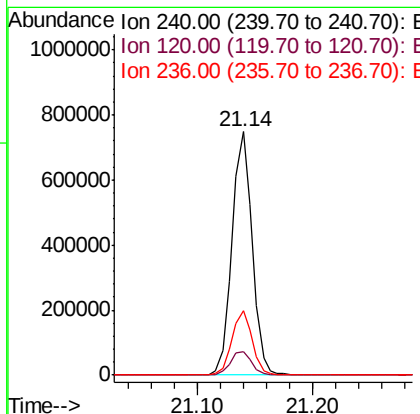
RT: 21.14 min Scan# 3103

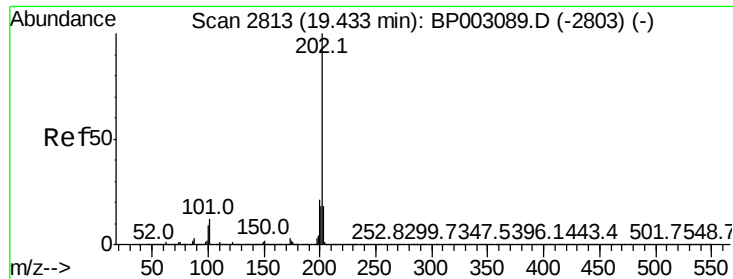
Delta R.T. -0.01 min

Lab File: BP003207.D

Acq: 04 Sep 2020 12:35

Tgt Ion:	240	Resp:	900133
Ion Ratio	Lower	Upper	
240	100		
120	9.9	7.8	11.6
236	26.2	20.8	31.2





#78

Pvrene

Concen: 2.463 ng

RT: 19.42 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BP003207.D

Acq: 04 Sep 2020 12:35

Instrument :

BNA_P

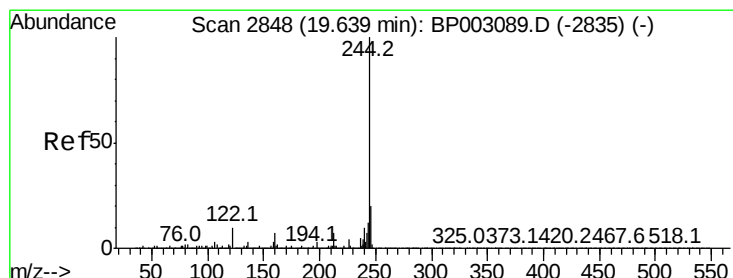
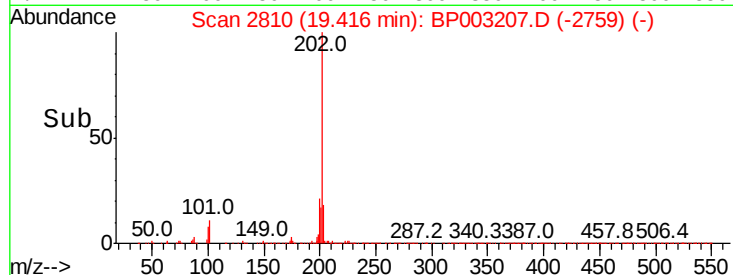
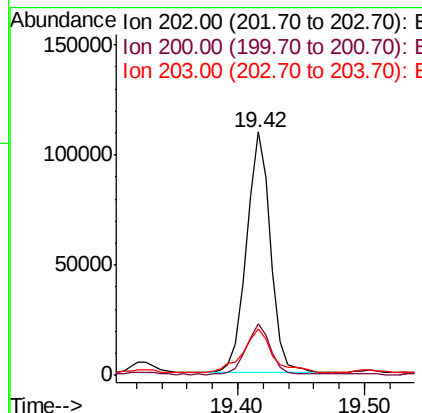
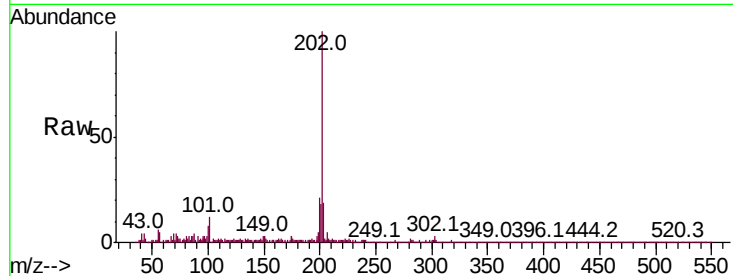
ClientSampled :

TR-05-090220

Tot Ion:	202	Resp:	143894
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.1	25.7
203	19.2	14.2	21.2

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#79

Terphenyl-d14

Concen: 6.718 ng

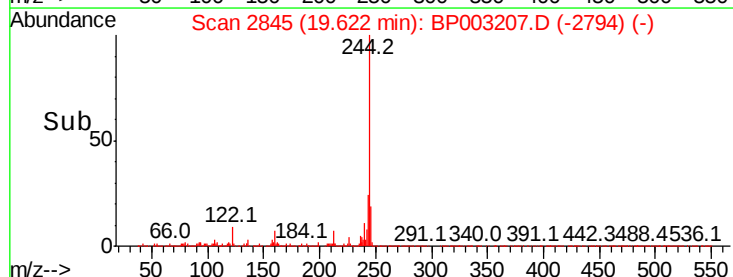
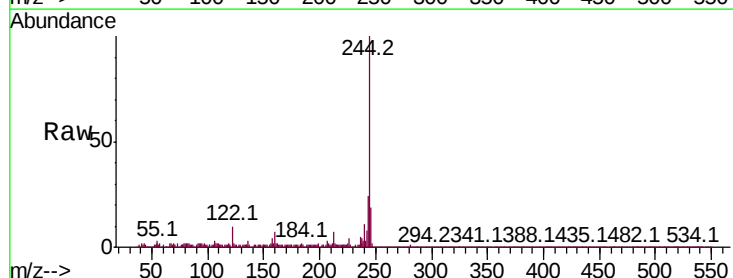
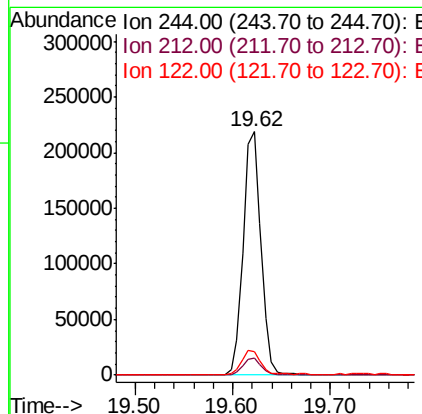
RT: 19.62 min Scan# 2845

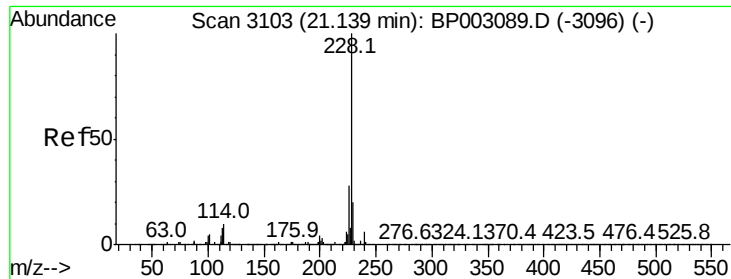
Delta R.T. 0.00 min

Lab File: BP003207.D

Acq: 04 Sep 2020 12:35

Tgt Ion:	244	Resp:	274797
Ion Ratio	Lower	Upper	
244	100		
212	7.2	5.8	8.6
122	9.6	7.8	11.8





#81

Benzo(a)anthracene

Concen: 2.116 ng

RT: 21.12 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BP003207.D

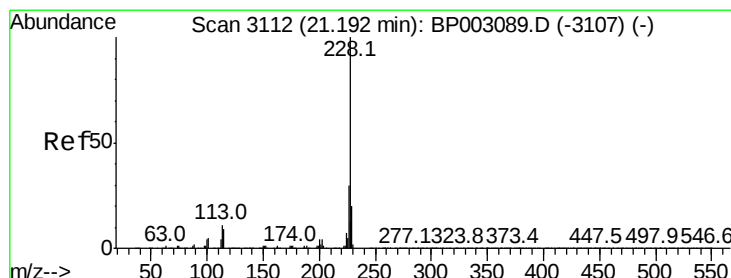
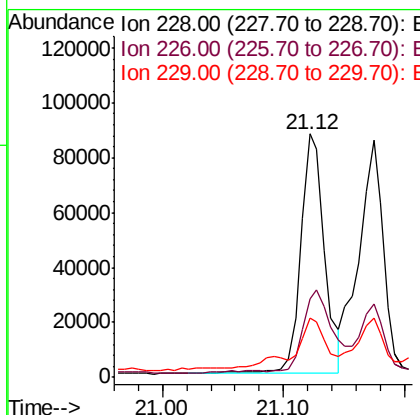
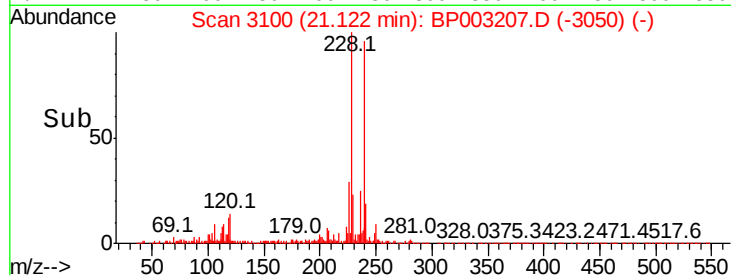
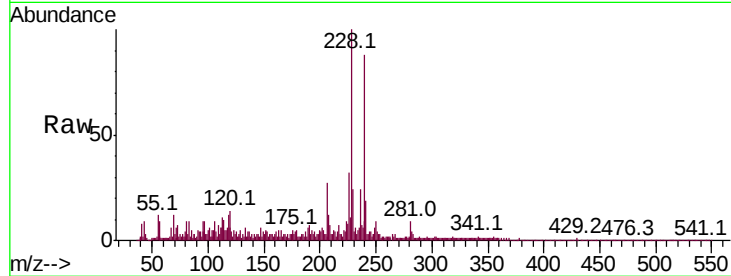
Acq: 04 Sep 2020 12:35

Instrument :
BNA_P
ClientSampleId :
TR-05-090220

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.1	33.1
229	24.5	15.9	23.9

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#83

Chrysene

Concen: 2.220 ng

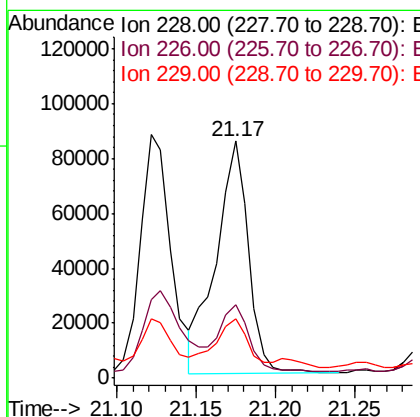
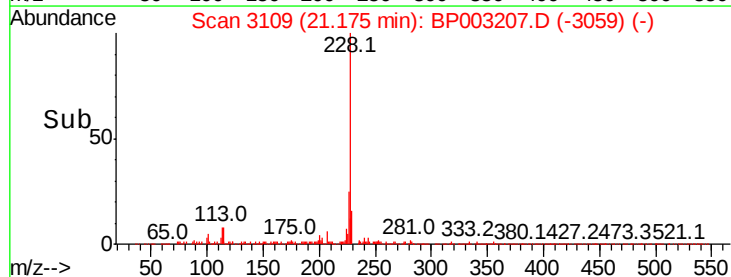
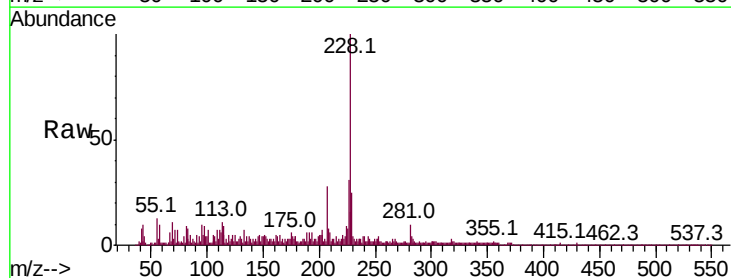
RT: 21.17 min Scan# 3109

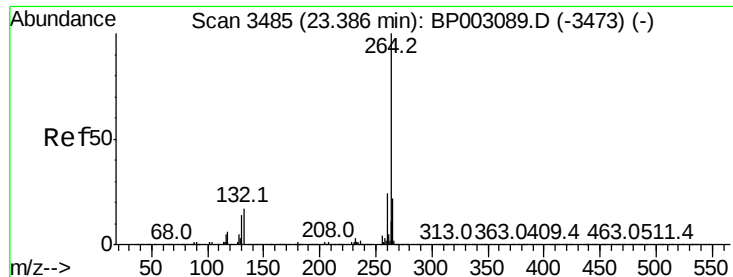
Delta R.T. -0.01 min

Lab File: BP003207.D

Acq: 04 Sep 2020 12:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	25.0	15.8	23.6





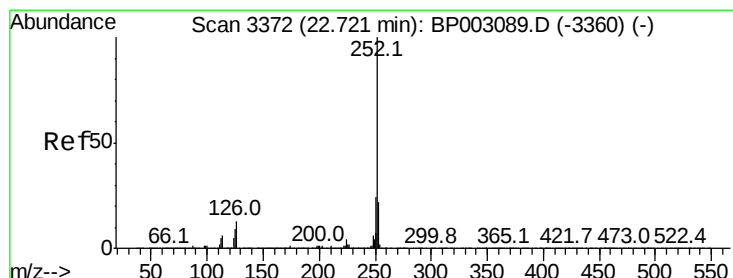
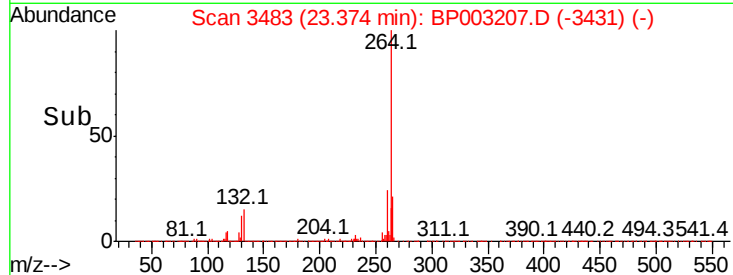
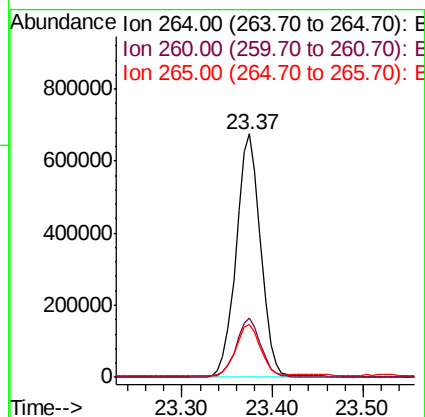
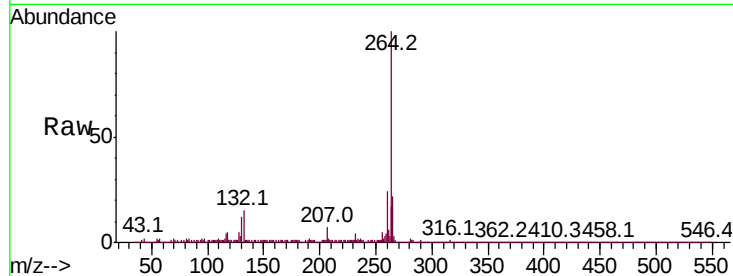
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3483
Delta R.T. 0.01 min
Lab File: BP003207.D
Acq: 04 Sep 2020 12:35

Instrument :
BNA_P
ClientSampleId :
TR-05-090220

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.8	28.2
265	21.8	17.4	26.2

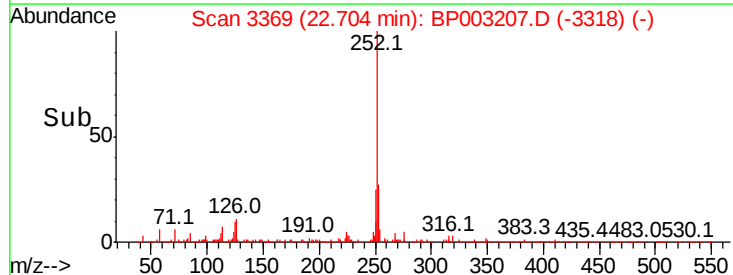
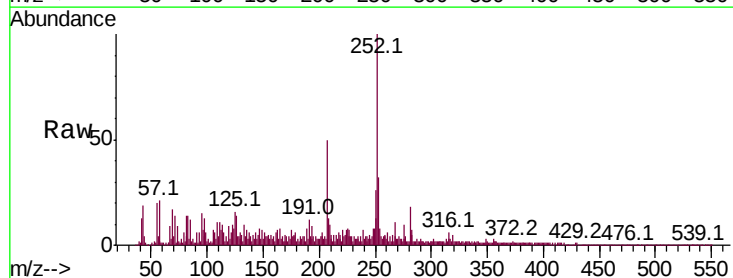
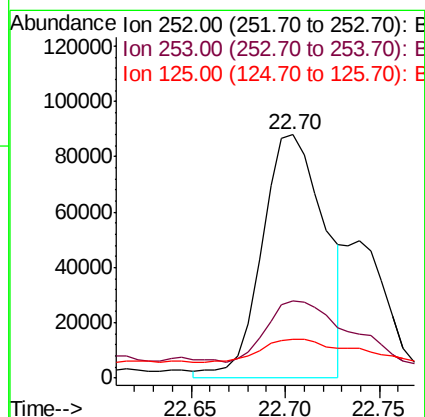
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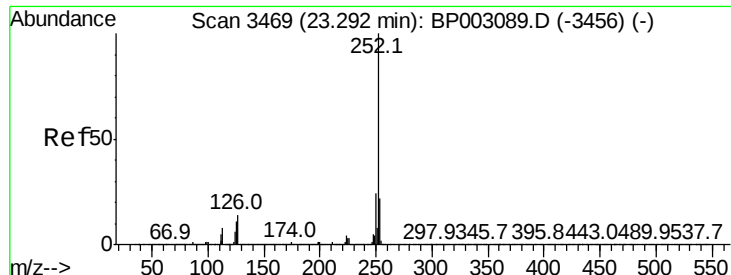
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#88
Benzo(b)fluoranthene
Concen: 2.587 ng m
RT: 22.70 min Scan# 3369
Delta R.T. 0.00 min
Lab File: BP003207.D
Acq: 04 Sep 2020 12:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.9	17.6	26.4#
125	15.8	7.3	10.9#





#90
 Benzo(a)pyrene
 Concen: 2.097 ng
 RT: 23.27 min Scan# 3466
 Delta R.T. 0.00 min
 Lab File: BP003207.D
 Acq: 04 Sep 2020 12:35

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-090220

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	26.9	17.4	26.0#
125	16.9	8.2	12.4#

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