

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
 Data File : BP002499.D
 Acq On : 23 Jun 2020 12:48
 Operator : CG/JU
 Sample : L3079-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JFK-SB-01-0.0-72.0

Manual Integrations
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Quant Time: Jun 23 13:45:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	118099	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	479893	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	296370	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	659493	20.00	ng	0.00
76) Chrysene-d12	21.10	240	749639	20.00	ng	-0.01
86) Perylene-d12	23.30	264	822035	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	767868	120.31	ng	0.00
7) Phenol-d6	6.78	99	1037359	122.08	ng	0.00
23) Nitrobenzene-d5	8.73	82	712861	88.71	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	415171	146.31	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1578610	89.56	ng	0.00
79) Terphenyl-d14	19.58	244	2559562	89.10	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.70	163	205517	10.120	ng	99
71) Phenanthrene	17.03	178	75691	2.454	ng	97
75) Fluoranthene	19.02	202	160041	4.346	ng	99
78) Pyrene	19.37	202	153401	3.341	ng	98
81) Benzo(a)anthracene	21.08	228	91485	2.138	ng	99
88) Benzo(b)fluoranthene	22.64	252	104553m	2.359	ng	

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

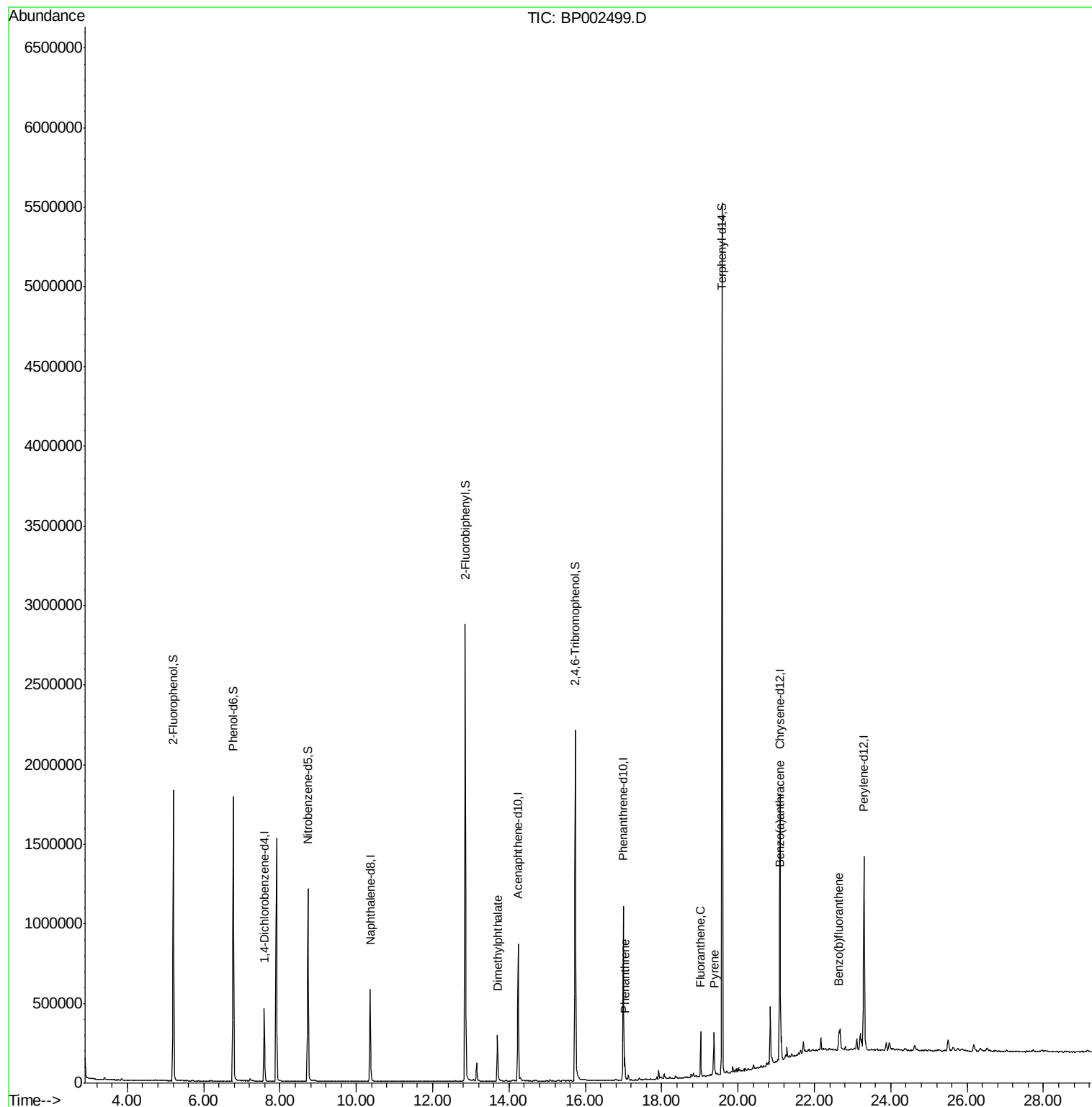
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Data File : BP002499.D
Acq On : 23 Jun 2020 12:48
Operator : CG/JU
Sample : L3079-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

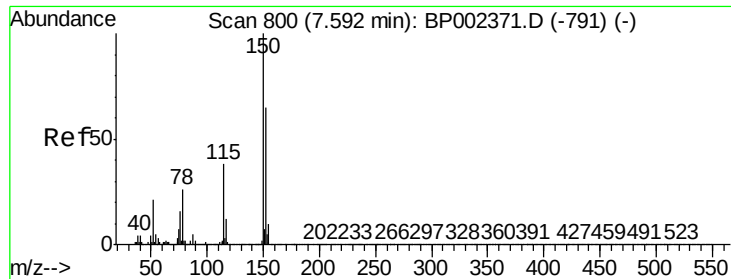
Instrument :
BNA_P
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JFK-SB-01-0.0-72.0

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#1

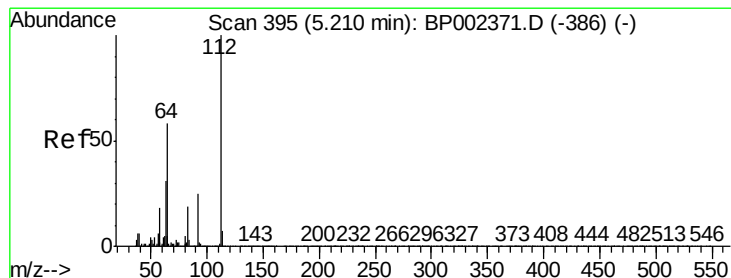
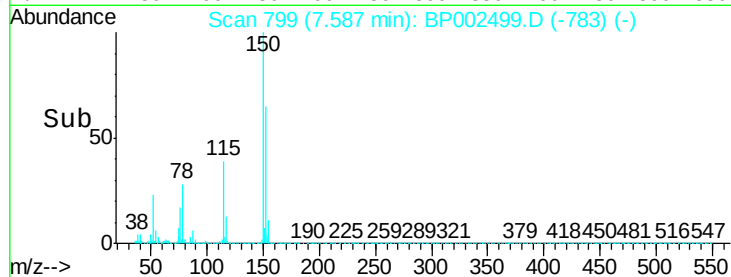
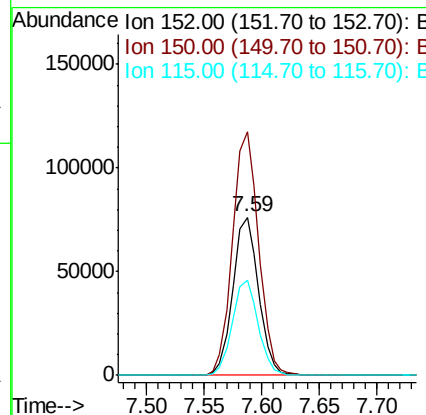
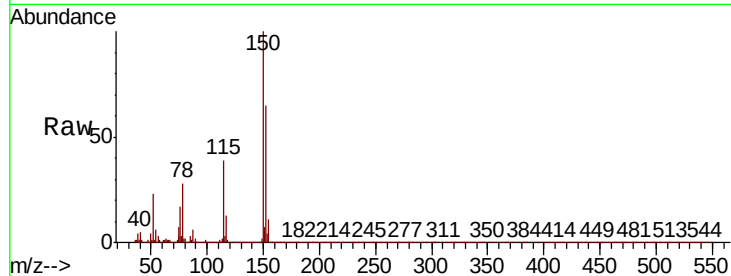
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002499.D
Acq: 23 Jun 2020 12:48

Instrument :
BNA_P
ClientSampleId :
JFK-SB-01-0.0-72.0

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.0	186.0
115	59.9	47.4	71.0

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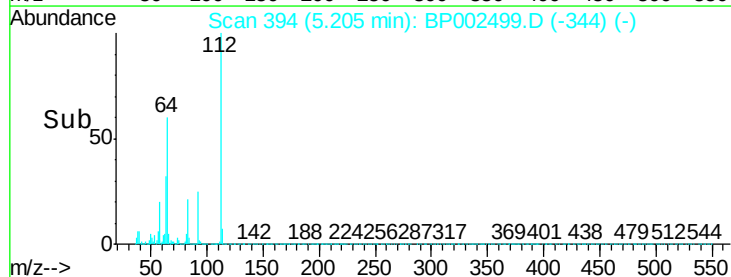
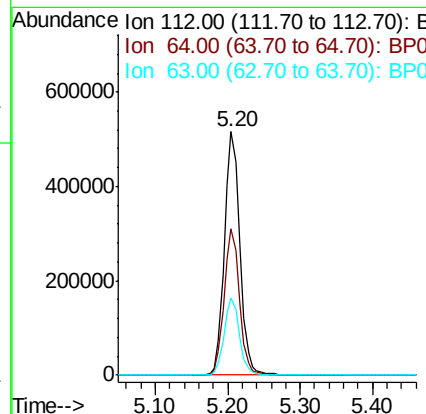
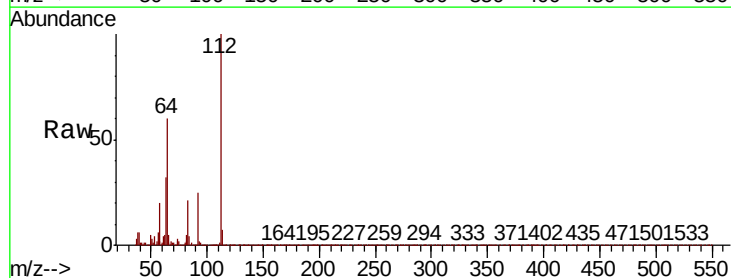
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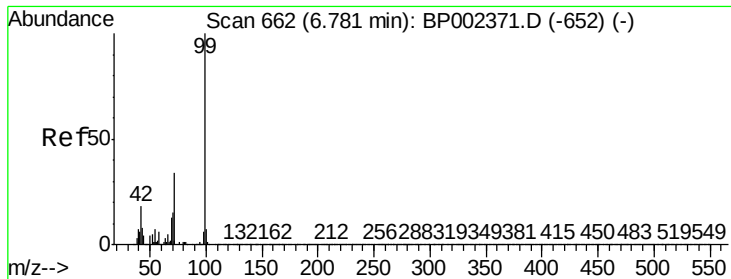


#5

2-Fluorophenol
Concen: 120.312 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.01 min
Lab File: BP002499.D
Acq: 23 Jun 2020 12:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	46.2	69.2
63	31.6	24.5	36.7





#7

Phenol-d6

Concen: 122.080 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002499.D

Acq: 23 Jun 2020 12:48

Instrument :

BNA_P

ClientSampleId :

JFK-SB-01-0.0-72.0

Tot Ion: 99 Resp: 1037359

Ion Ratio Lower Upper

99 100

42 18.5 14.6 22.0

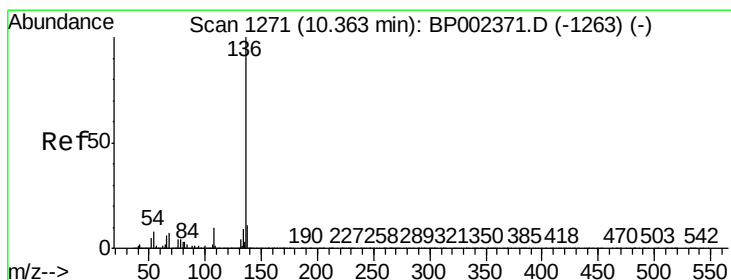
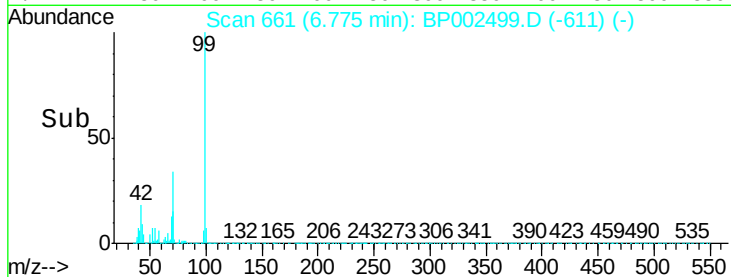
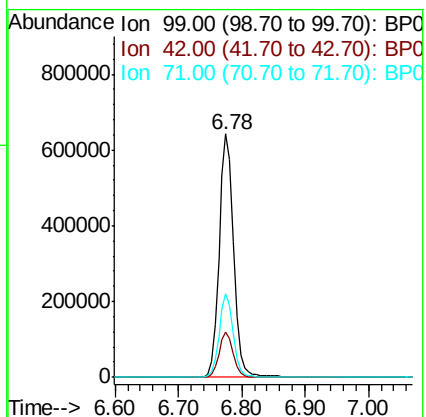
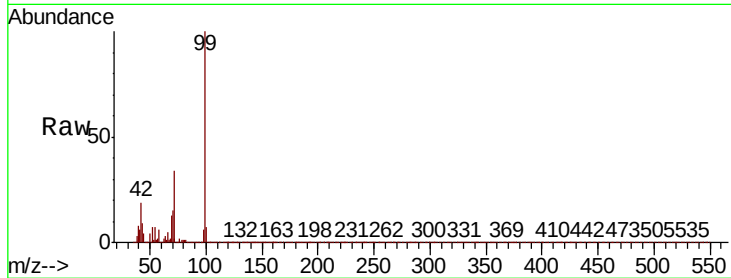
71 34.5 27.2 40.8

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BP002499.D

Acq: 23 Jun 2020 12:48

Tgt Ion: 136 Resp: 479893

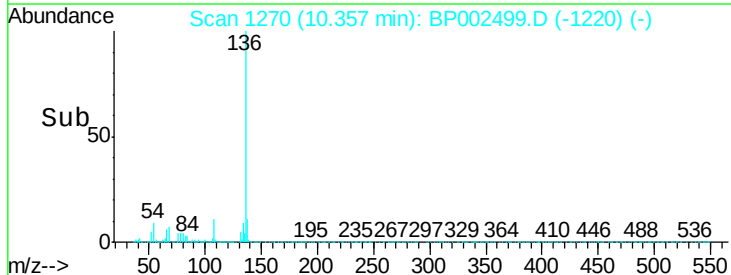
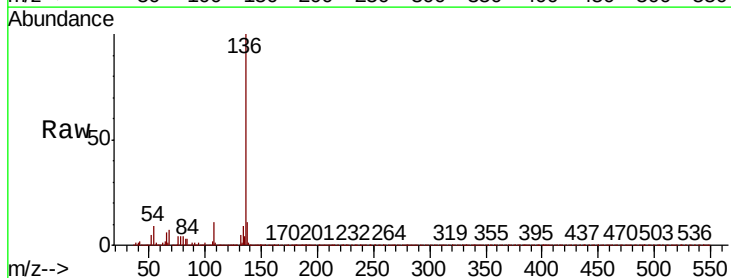
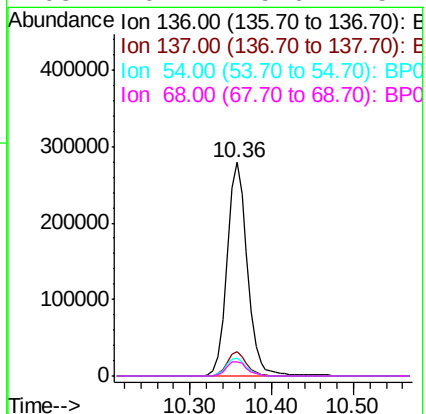
Ion Ratio Lower Upper

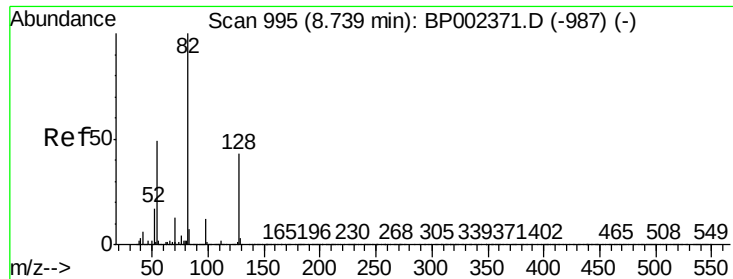
136 100

137 11.3 8.8 13.2

54 8.6 6.4 9.6

68 6.7 5.6 8.4





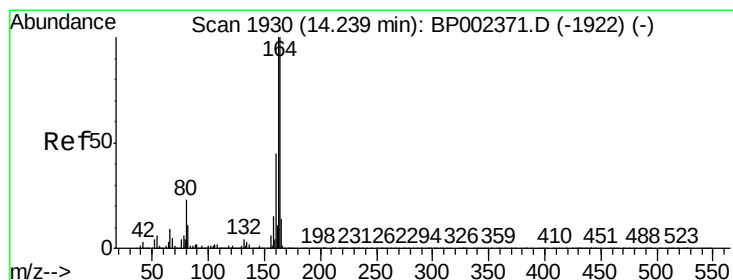
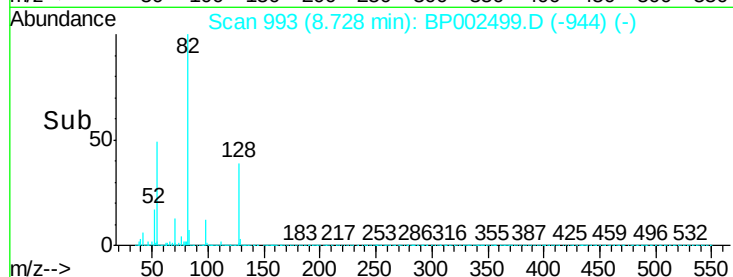
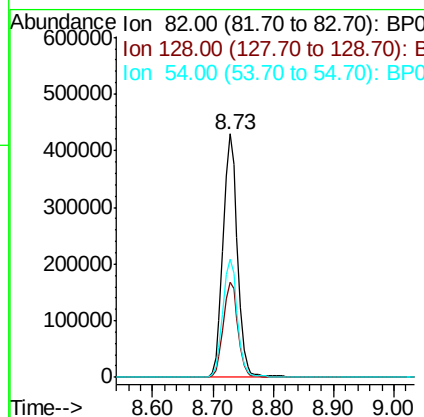
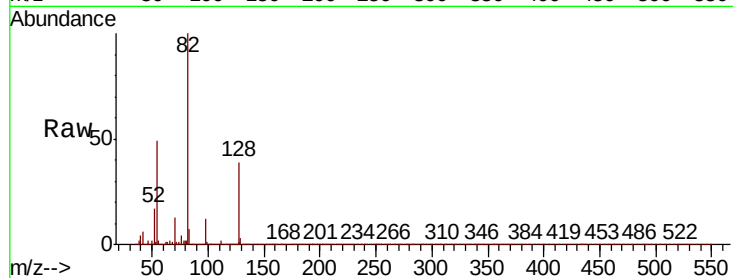
#23
 Nitrobenzene-d5
 Concen: 88.710 ng
 RT: 8.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BP002499.D
 Acq: 23 Jun 2020 12:48

Instrument :
 BNA_P
 ClientSampleId :
 JFK-SB-01-0.0-72.0

Tot Ion:	82	Resp:	712861
Ion Ratio	Lower	Upper	
82	100		
128	39.2	34.5	51.7
54	48.5	39.4	59.2

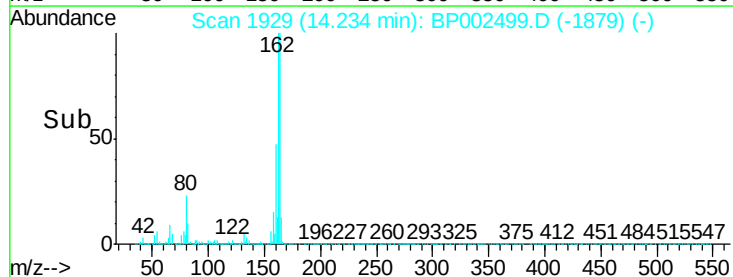
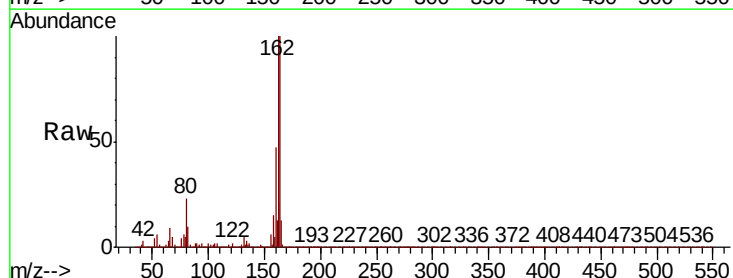
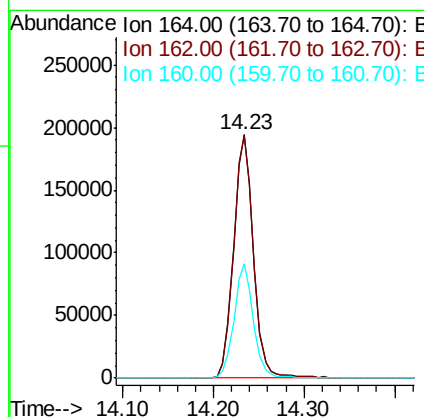
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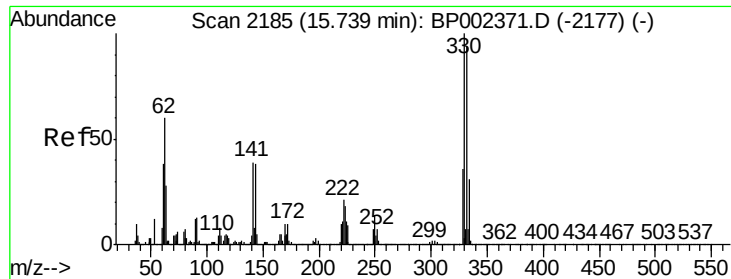
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.23 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BP002499.D
 Acq: 23 Jun 2020 12:48

Tgt Ion:	164	Resp:	296370
Ion Ratio	Lower	Upper	
164	100		
162	99.8	79.8	119.8
160	46.8	36.2	54.2





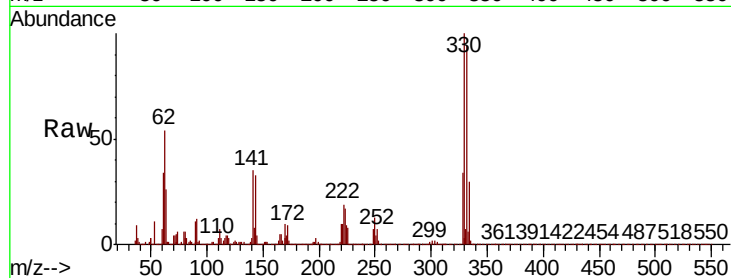
#42
2,4,6-Tribromophenol
Concen: 146.314 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002499.D
Acq: 23 Jun 2020 12:48

Instrument :
BNA_P
ClientSampleId :
JFK-SB-01-0.0-72.0

Tot Ion	Ratio	Resp	Lower	Upper
330	100	415171		
332	96.1	76.6	115.0	
141	36.7	30.3	45.5	

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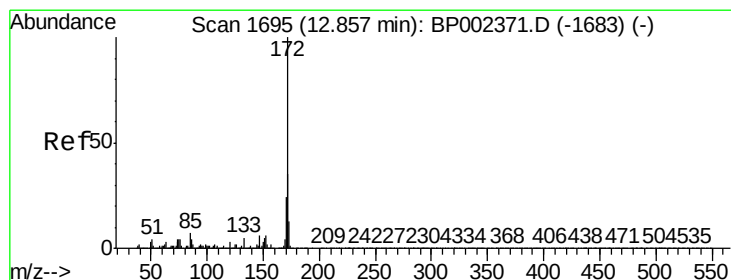
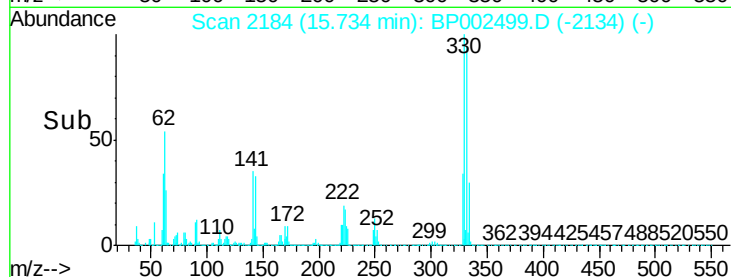
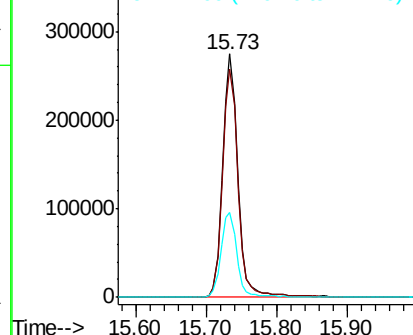


Abundance

Ion 329.80 (329.50 to 330.50): E

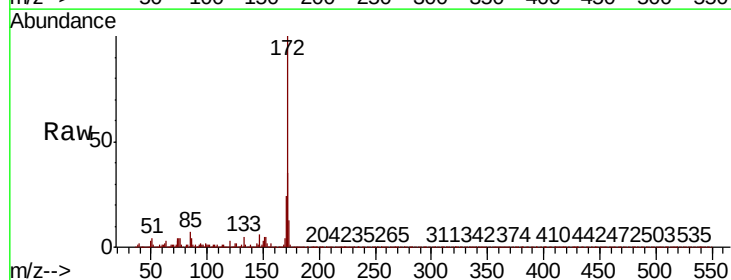
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 89.560 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002499.D
Acq: 23 Jun 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1578610		
171	35.2	27.8	41.8	
170	23.6	19.0	28.6	

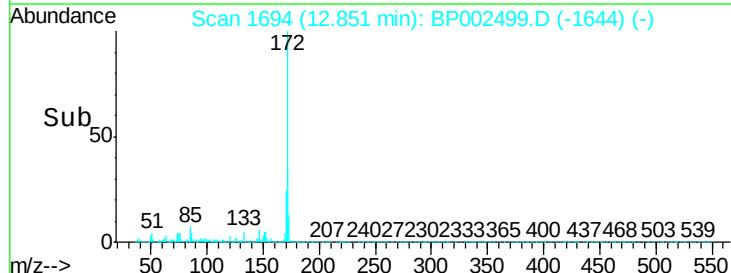
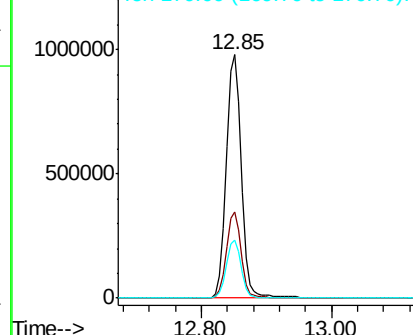


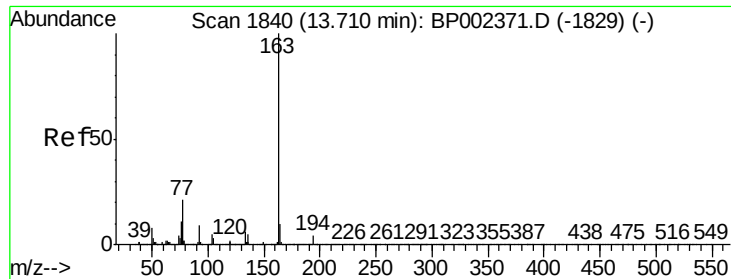
Abundance

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





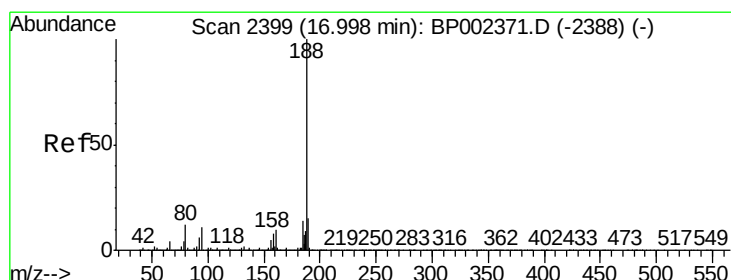
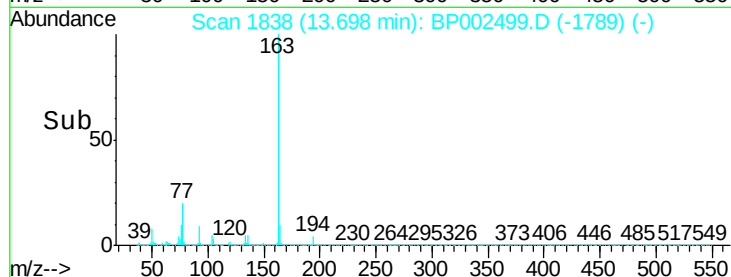
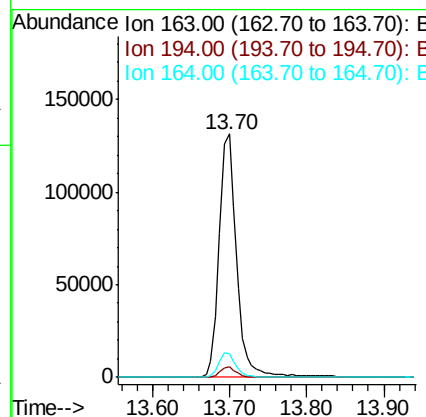
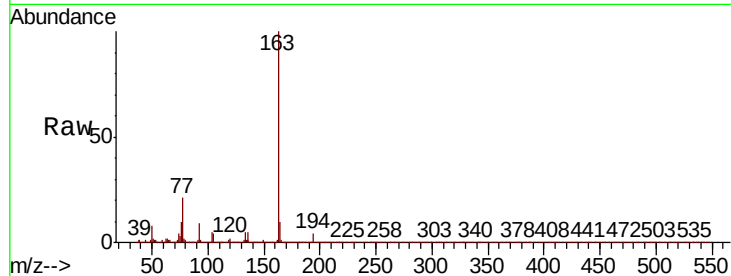
#50
Dimethylphthalate
Concen: 10.120 ng
RT: 13.70 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BP002499.D
Acq: 23 Jun 2020 12:48

Instrument :
BNA_P
ClientSampleId :
JFK-SB-01-0.0-72.0

Tot Ion	Ratio	Resp	Lower	Upper
163	100	205517		
194	4.1	3.4	5.0	
164	9.8	8.1	12.1	

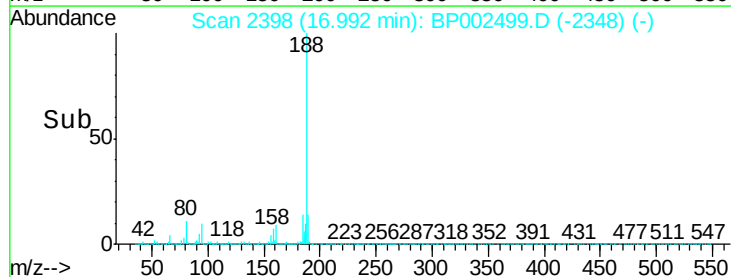
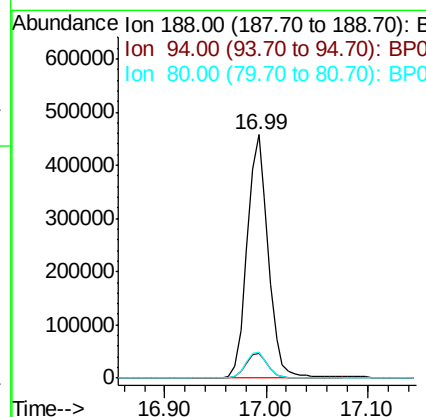
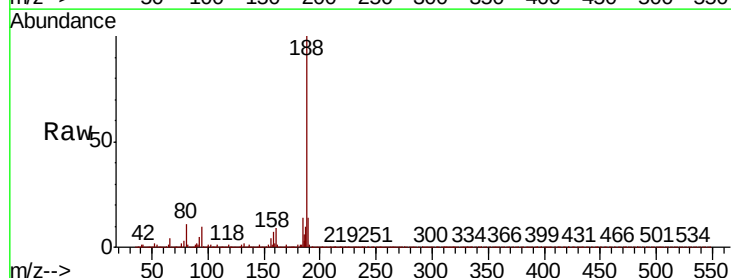
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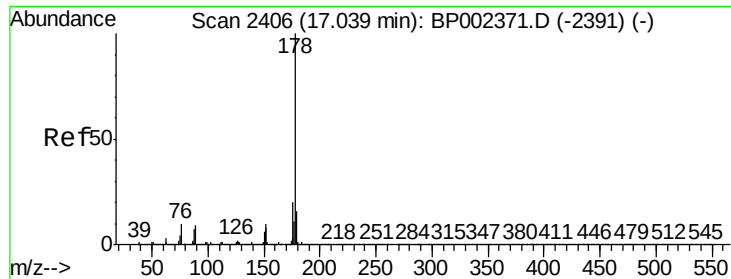
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002499.D
Acq: 23 Jun 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	659493		
94	10.2	8.5	12.7	
80	10.7	9.4	14.0	





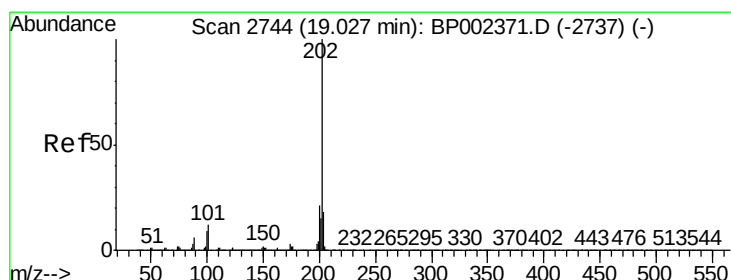
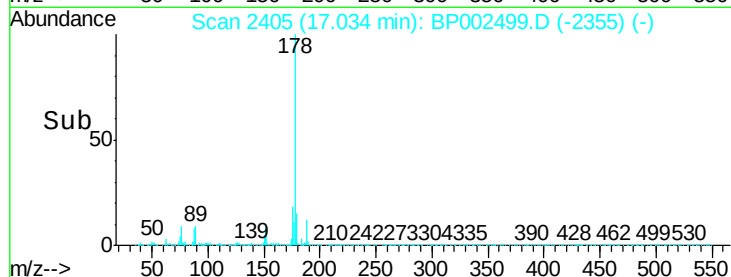
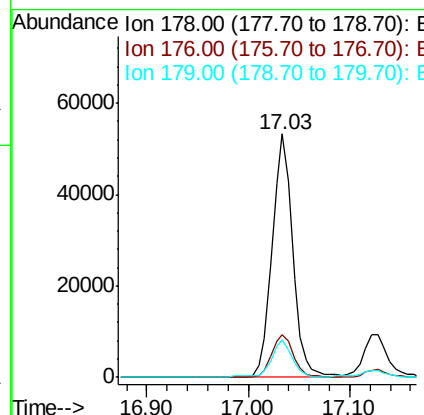
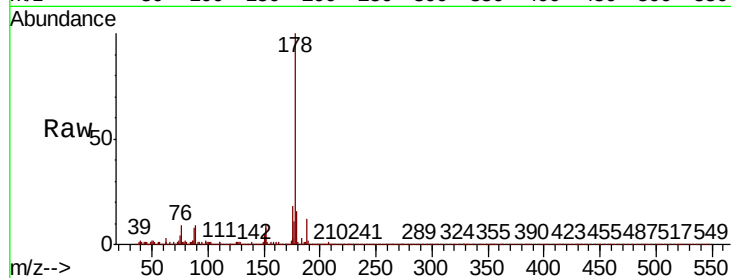
#71
Phenanthrene
Concen: 2.454 ng
RT: 17.03 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BP002499.D
Acq: 23 Jun 2020 12:48

Instrument :
BNA_P
ClientSampleId :
JFK-SB-01-0.0-72.0

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.8	23.6
179	15.5	12.5	18.7

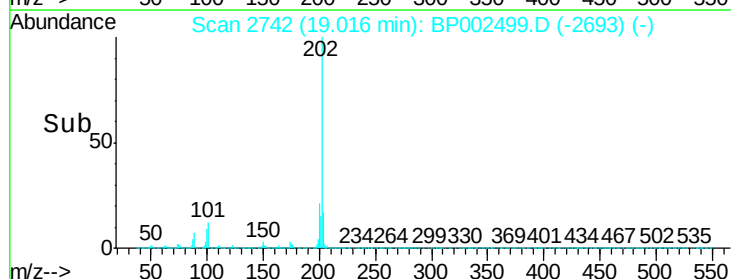
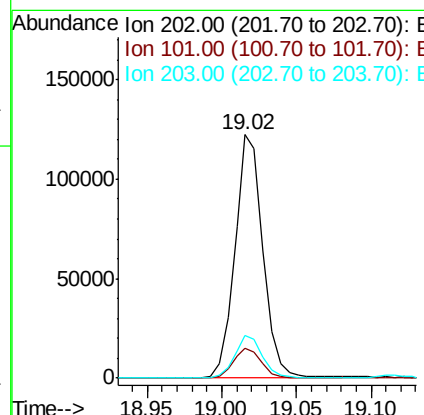
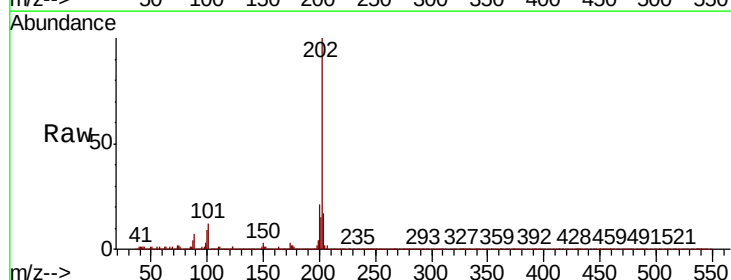
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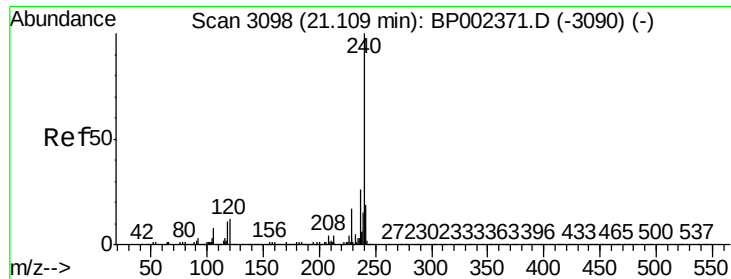
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#75
Fluoranthene
Concen: 4.346 ng
RT: 19.02 min Scan# 2742
Delta R.T. -0.01 min
Lab File: BP002499.D
Acq: 23 Jun 2020 12:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.8
203	17.4	0.0	38.0





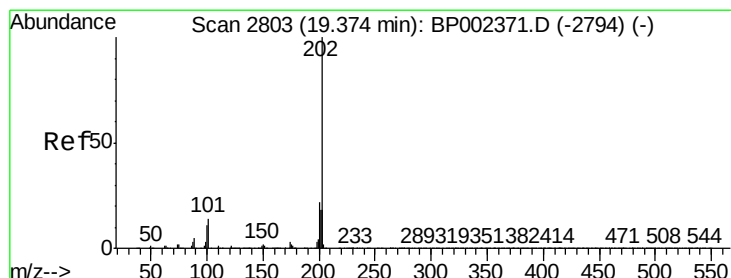
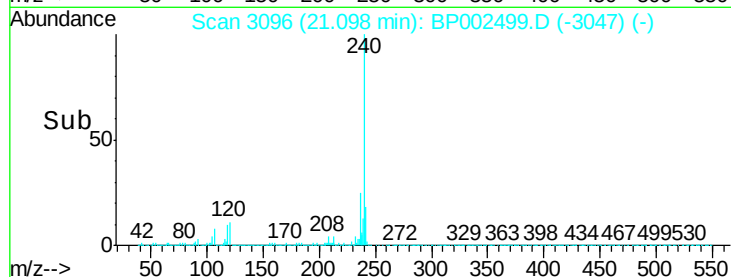
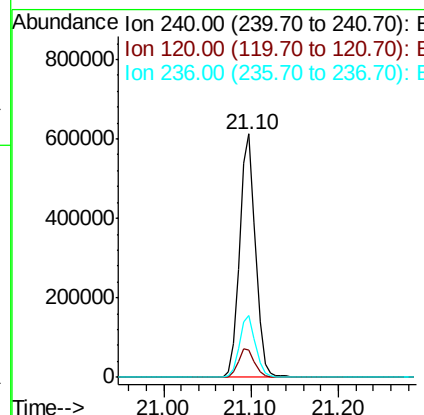
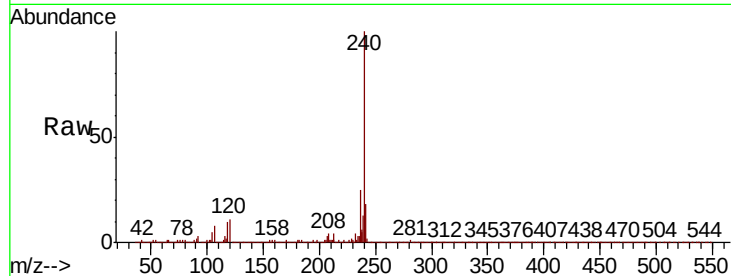
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BP002499.D
Acq: 23 Jun 2020 12:48

Instrument :
BNA_P
ClientSampleId :
JFK-SB-01-0.0-72.0

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.3	13.9
236	25.2	21.0	31.6

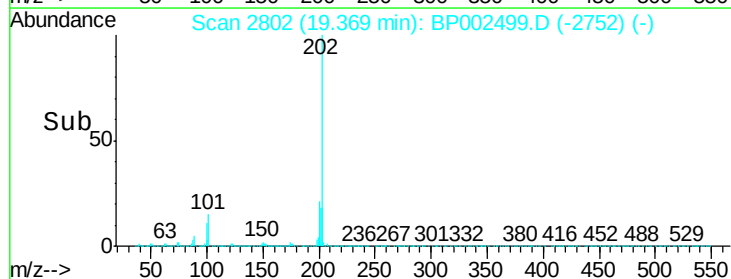
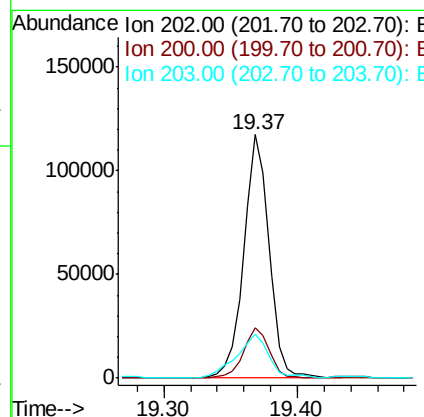
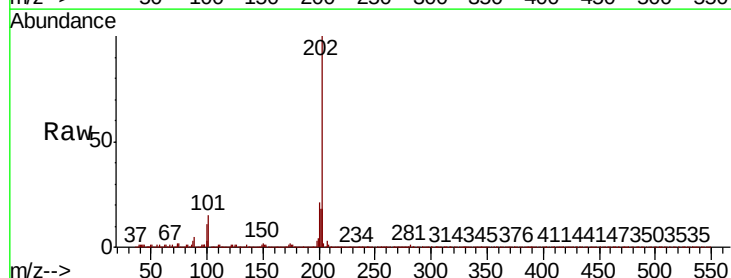
Manual Integrations
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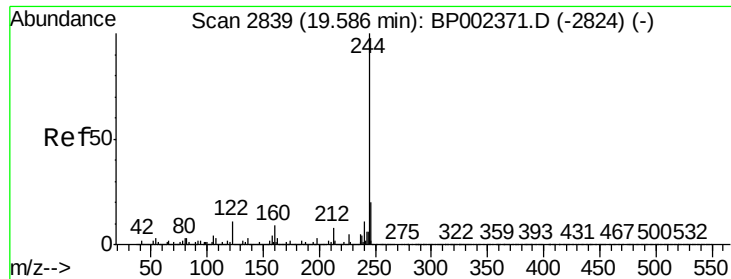
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#78
Pyrene
Concen: 3.341 ng
RT: 19.37 min Scan# 2802
Delta R.T. -0.01 min
Lab File: BP002499.D
Acq: 23 Jun 2020 12:48

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.7	26.5
203	18.1	14.6	22.0





#79

Terphenyl-d14

Concen: 89.102 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002499.D

Acq: 23 Jun 2020 12:48

Instrument :

BNA_P

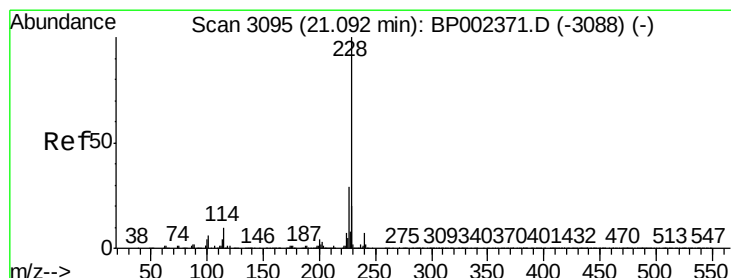
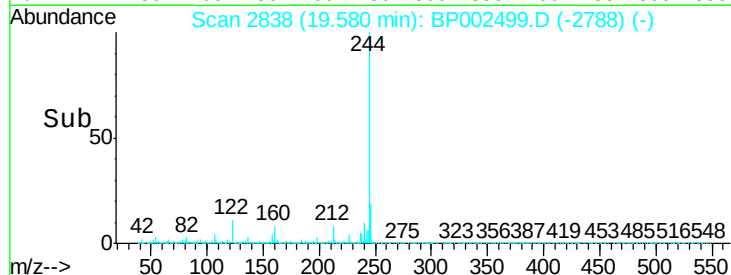
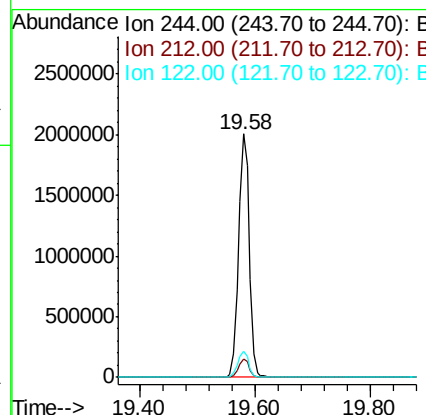
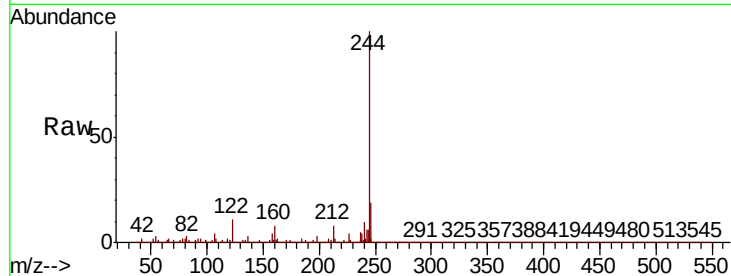
ClientSampleId :

JFK-SB-01-0.0-72.0

Tot Ion:	244	Resp:	2559562
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.6	10.0
122	10.9	8.8	13.2

Manual Integrations
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#81

Benzo(a)anthracene

Concen: 2.138 ng

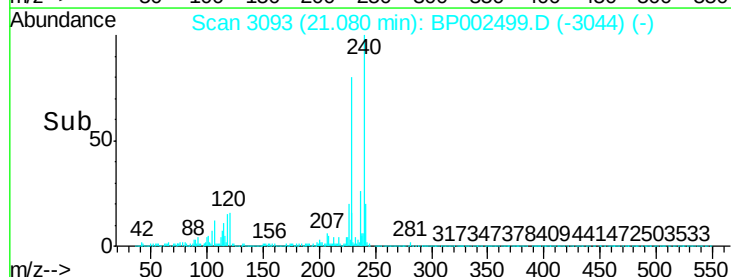
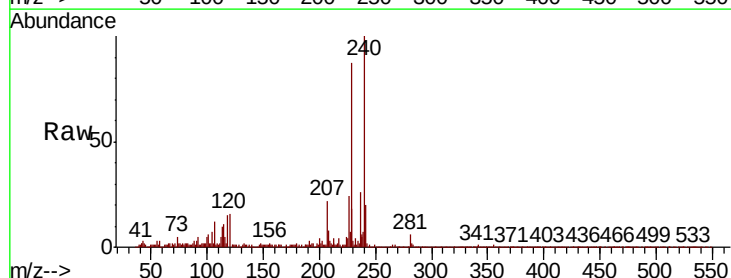
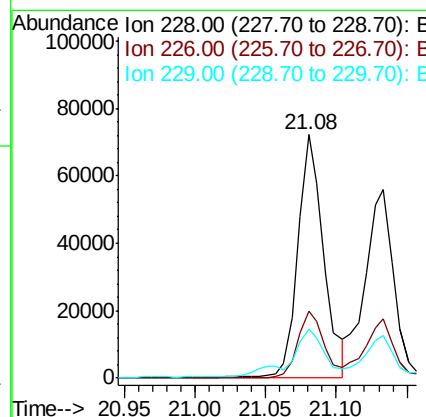
RT: 21.08 min Scan# 3093

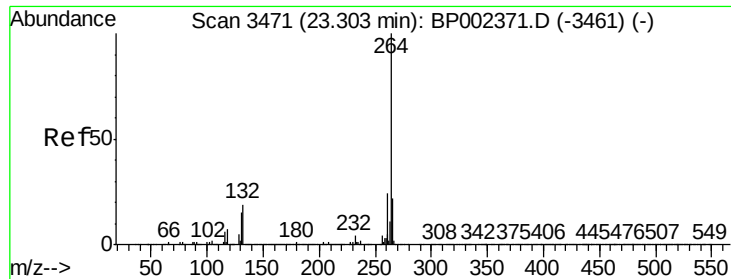
Delta R.T. -0.01 min

Lab File: BP002499.D

Acq: 23 Jun 2020 12:48

Tgt Ion:	228	Resp:	91485
Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.8	34.2
229	20.4	16.2	24.2





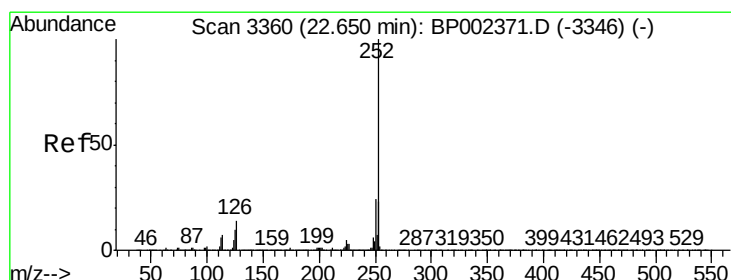
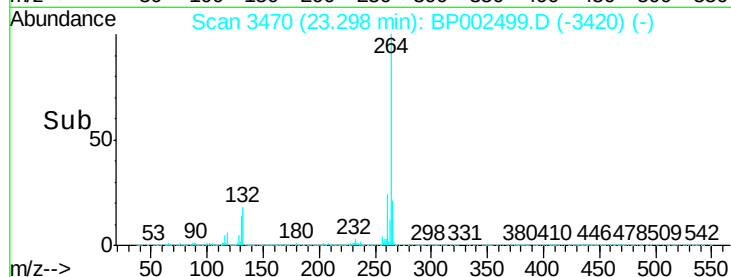
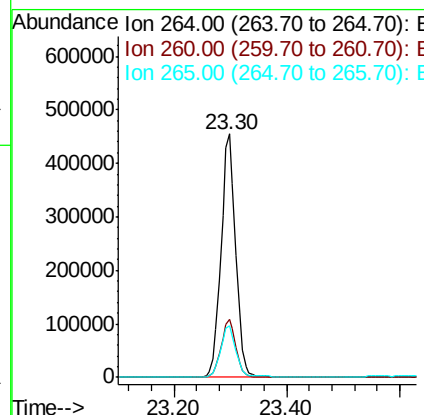
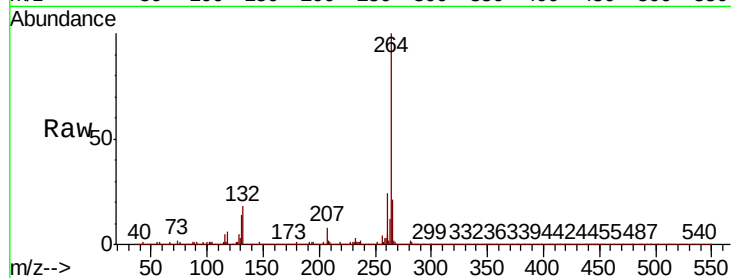
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3470
Delta R.T. -0.01 min
Lab File: BP002499.D
Acq: 23 Jun 2020 12:48

Instrument :
BNA_P
ClientSampleId :
JFK-SB-01-0.0-72.0

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.0
265	21.2	17.4	26.2

Manual Integrations
APPROVED

mohammad
6/25/2020 1:06:07 PM



#88
Benzo(b)fluoranthene
Concen: 2.359 ng m
RT: 22.64 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BP002499.D
Acq: 23 Jun 2020 12:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	11.9	8.2	12.2

