

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
 Data File : BP001541.D
 Acq On : 06 Jan 2020 21:35
 Operator : JU
 Sample : L1010-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-01-010220

Manual Integrations
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Quant Time: Jan 07 03:40:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 06 16:38:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	55884	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	214021	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	141094	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	305654	20.00	ng	0.00
76) Chrysene-d12	21.18	240	247634	20.00	ng	0.00
87) Perylene-d12	23.43	264	264203	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	128099	38.51	ng	0.00
7) Phenol-d6	6.88	99	188619	42.10	ng	0.00
23) Nitrobenzene-d5	8.83	82	126380	29.17	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	76317	47.79	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	281935	29.38	ng	0.00
79) Terphenyl-d14	19.66	244	398239	32.05	ng	0.00
Target Compounds						
71) Phenanthrene	17.12	178	90205	5.441	ng	98
75) Fluoranthene	19.10	202	162310	8.088	ng	100
78) Pyrene	19.45	202	163867	9.119	ng	98
81) Benzo(a)anthracene	21.16	228	65828	3.789	ng	92
83) Chrysene	21.22	228	65341m	3.922	ng	
88) Benzo(b)fluoranthene	22.76	252	74903m	4.579	ng	
90) Benzo(a)pyrene	23.33	252	53549	3.497	ng	# 94
92) Benzo(g,h,i)perylene	26.39	276	36657	2.415	ng	# 93

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

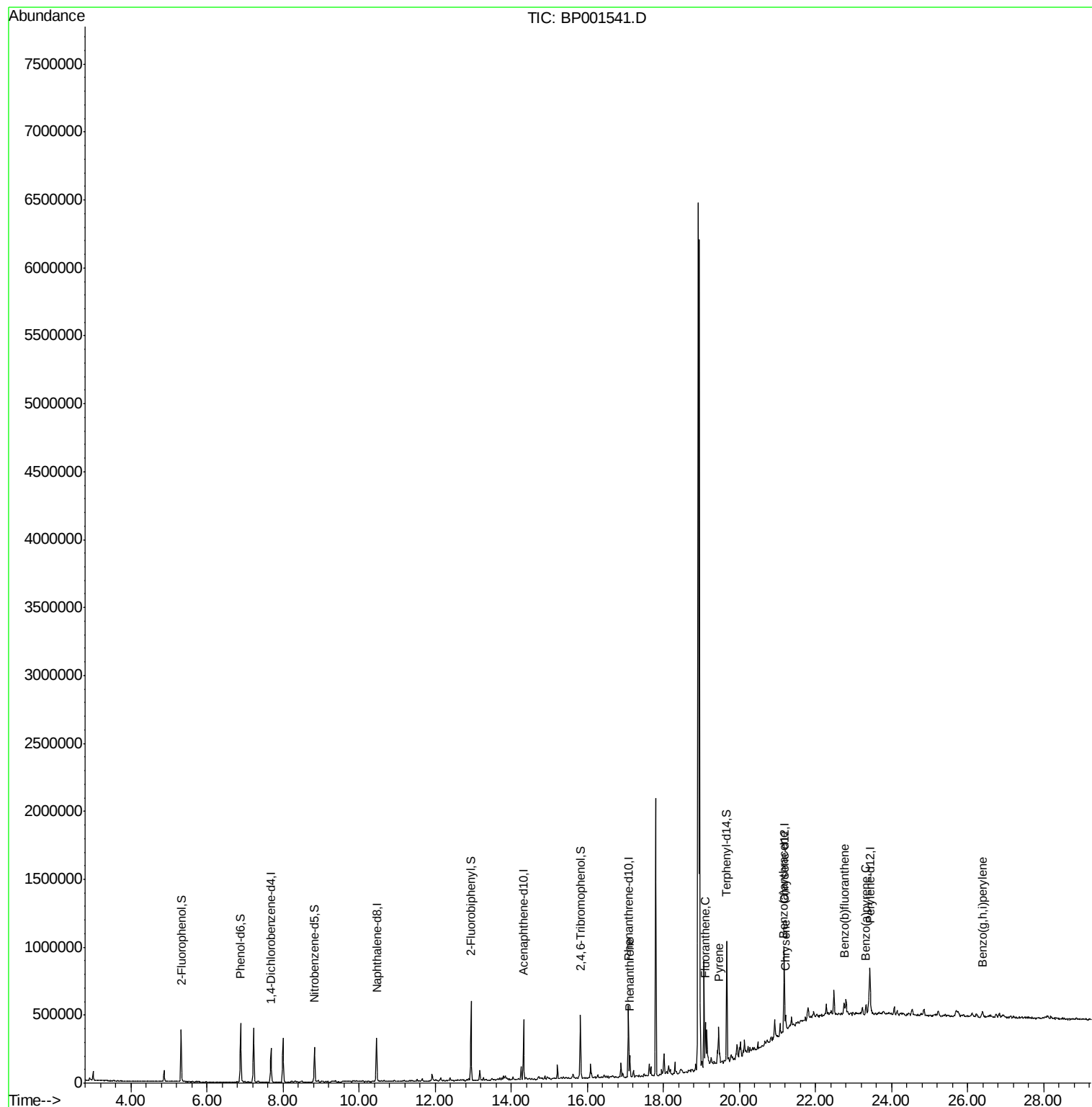
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
Data File : BP001541.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

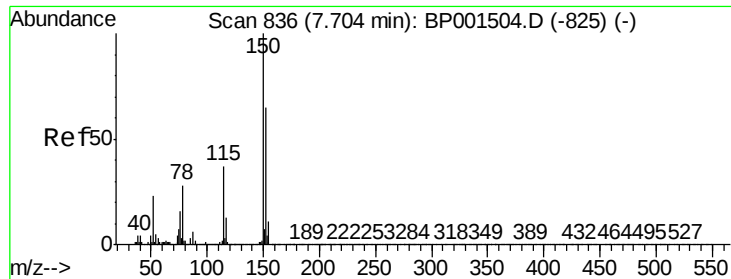
Instrument :
BNA_P
ClientSampleId :
OK-01-010220

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Quant Time: Jan 07 03:40:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

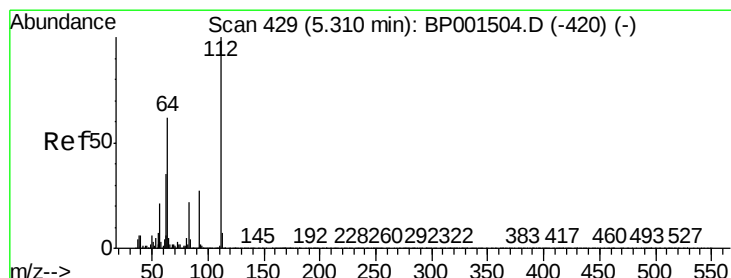
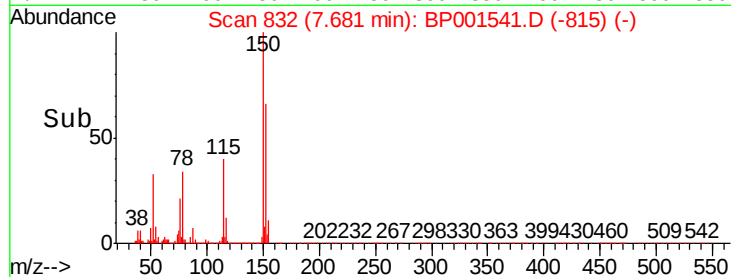
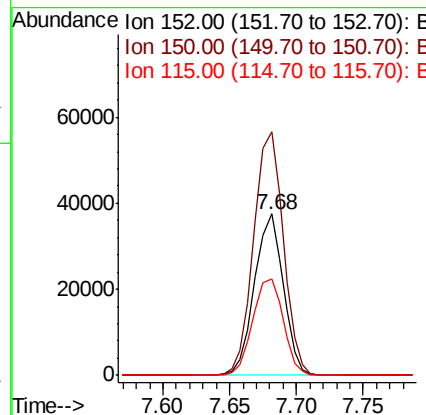
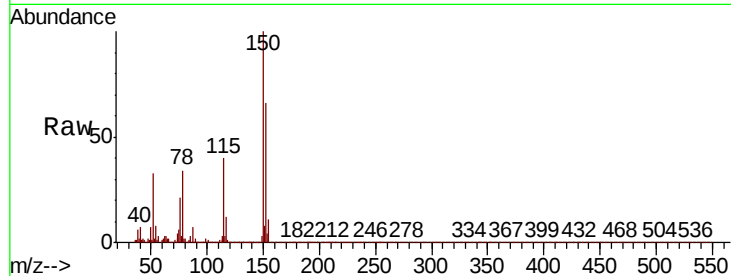
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 832
Delta R.T. 0.00 min
Lab File: BP001541.D
Acq: 06 Jan 2020 21:35

Instrument :
BNA_P
ClientSampleId :
OK-01-010220

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.9	117.9	176.9
115	59.7	50.3	75.5

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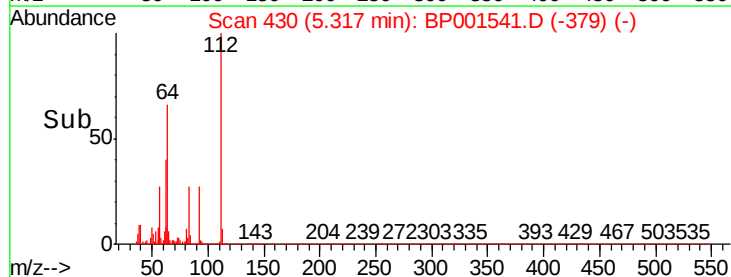
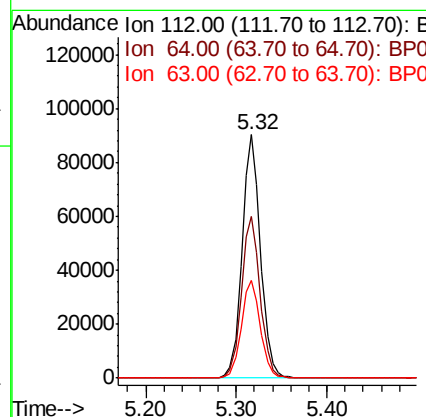
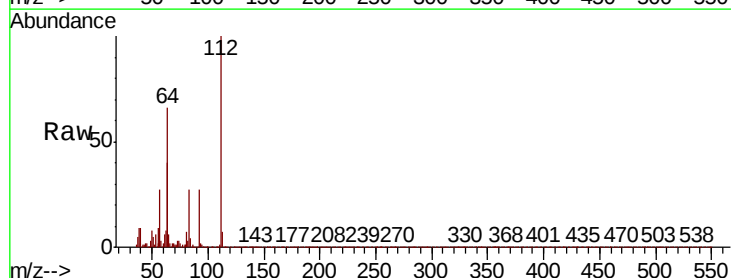
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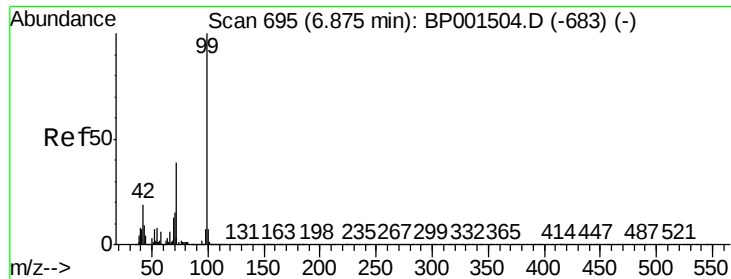


#5

2-Fluorophenol
Concen: 38.510 ng
RT: 5.32 min Scan# 430
Delta R.T. 0.00 min
Lab File: BP001541.D
Acq: 06 Jan 2020 21:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	52.6	79.0
63	40.1	32.6	48.8





#7

Phenol-d6

Concen: 42.099 ng

RT: 6.88 min Scan# 696

Delta R.T. -0.01 min

Lab File: BP001541.D

Acq: 06 Jan 2020 21:35

Instrument :

BNA_P

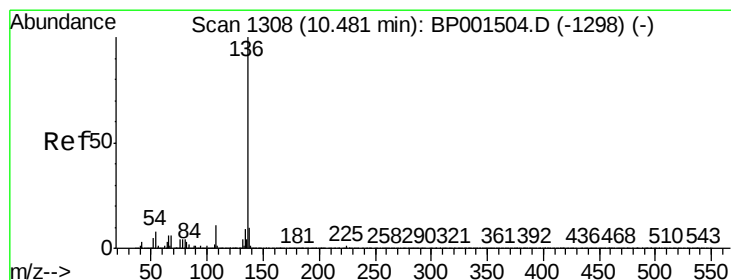
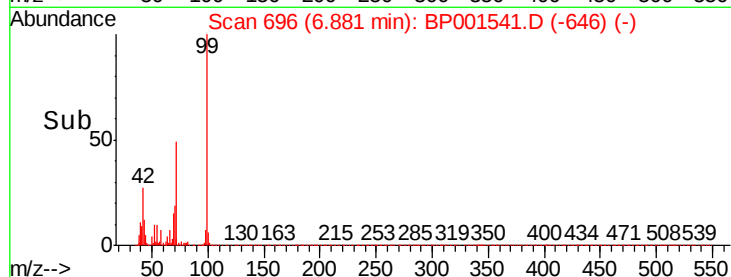
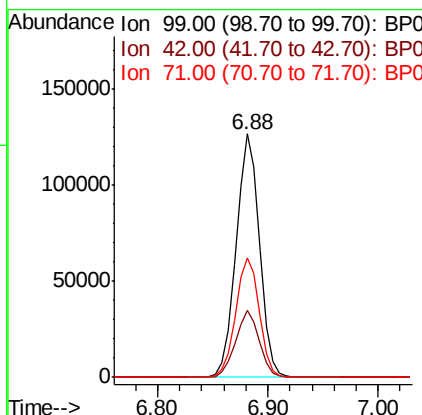
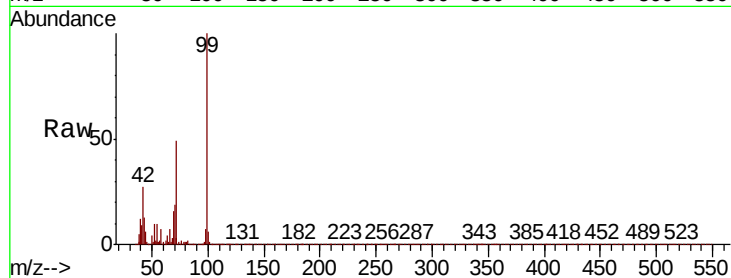
ClientSampleId :

OK-01-010220

Tot Ion:	99	Resp:	188619
Ion Ratio	Lower	Upper	
99	100		
42	27.3	21.2	31.8
71	49.1	40.0	60.0

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#21

Naphthalene-d8

Concen: 20.000 ng

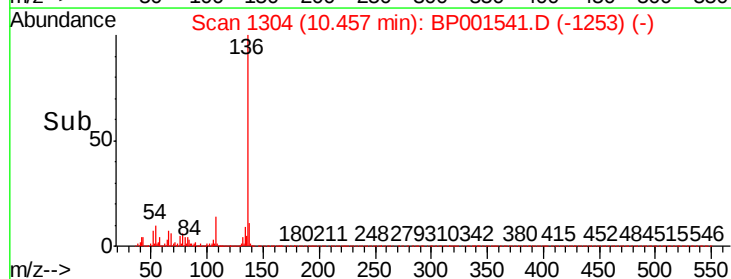
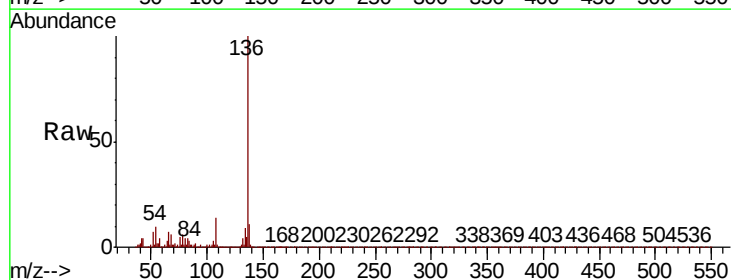
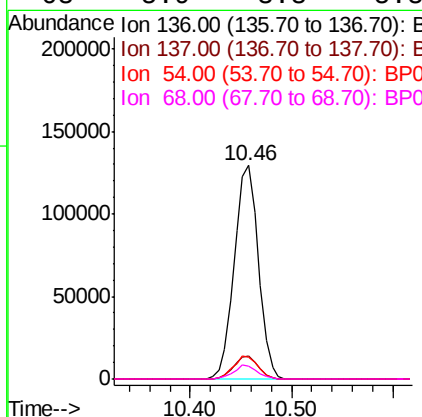
RT: 10.46 min Scan# 1304

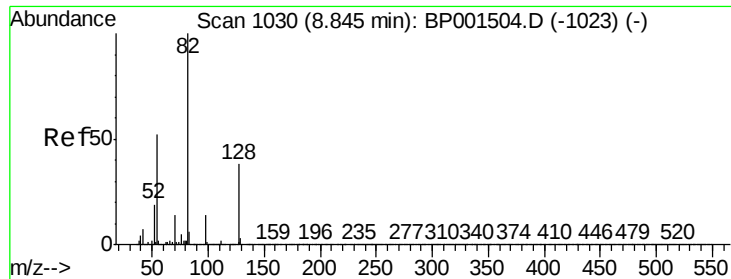
Delta R.T. 0.00 min

Lab File: BP001541.D

Acq: 06 Jan 2020 21:35

Tgt Ion:	136	Resp:	214021
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.4	12.6
54	10.2	8.4	12.6
68	5.9	3.8	5.8#





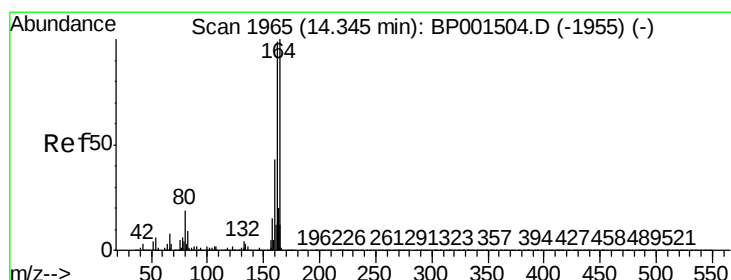
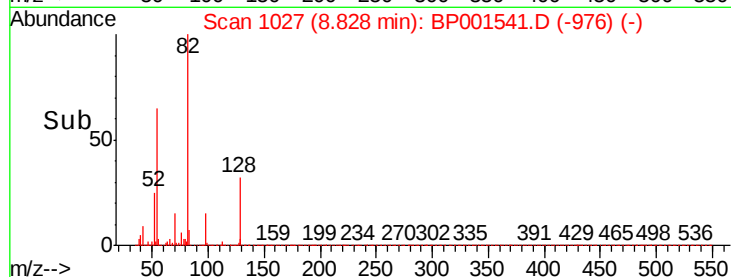
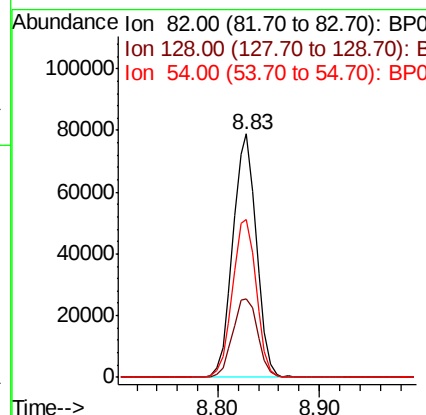
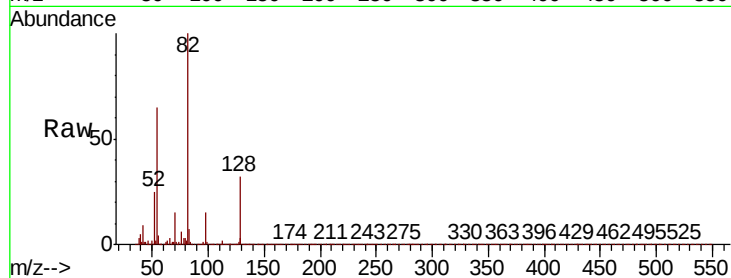
#23
Nitrobenzene-d5
Concen: 29.166 ng
RT: 8.83 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BP001541.D
Acq: 06 Jan 2020 21:35

Instrument :
BNA_P
ClientSampleId :
OK-01-010220

Tot Ion	Ratio	Lower	Upper
82	100		
128	32.3	26.9	40.3
54	64.8	51.8	77.8

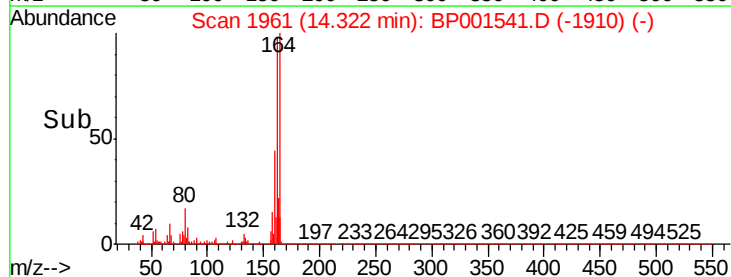
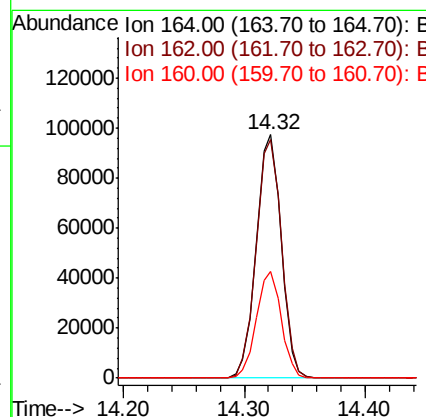
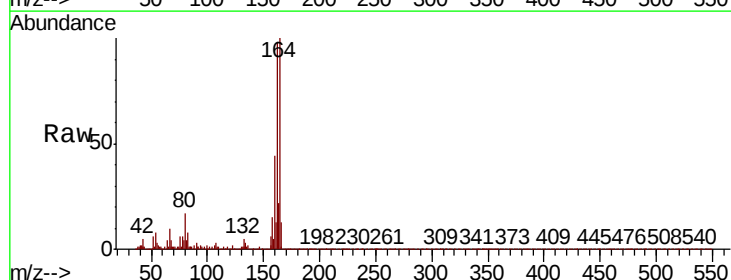
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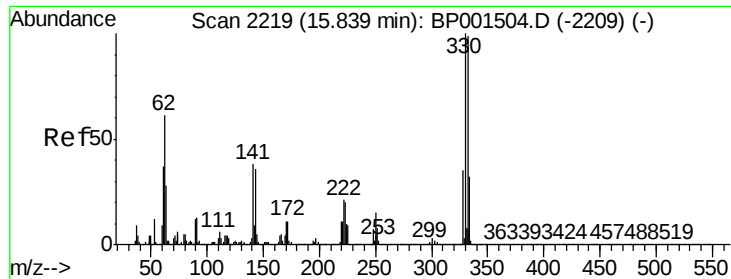
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BP001541.D
Acq: 06 Jan 2020 21:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.9	79.0	118.4
160	43.9	34.1	51.1





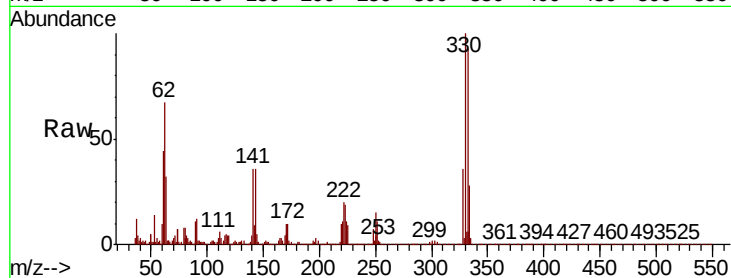
#42
2,4,6-Tribromophenol
Concen: 47.792 ng
RT: 15.82 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BP001541.D
Acq: 06 Jan 2020 21:35

Instrument :
BNA_P
ClientSampleId :
OK-01-010220

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.0	117.0
141	35.2	28.7	43.1

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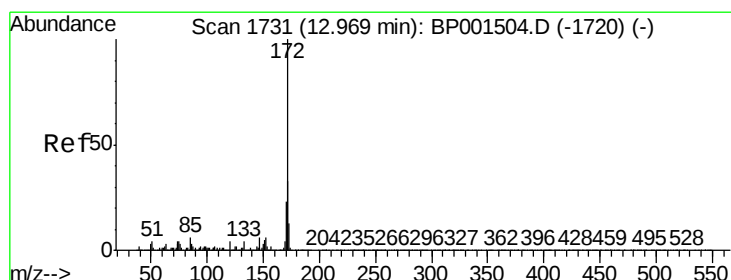
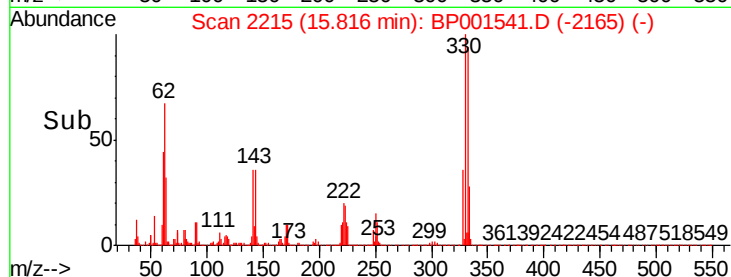
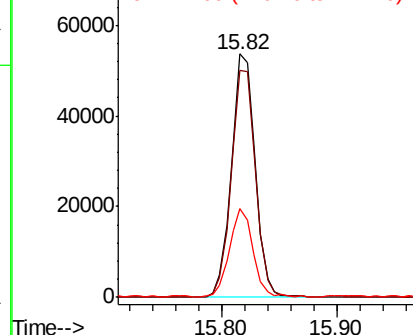


Abundance

Ion 329.80 (329.50 to 330.50): E

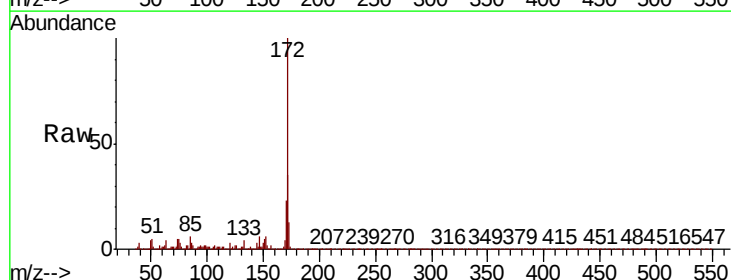
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 29.381 ng
RT: 12.94 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BP001541.D
Acq: 06 Jan 2020 21:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.0	42.0
170	23.0	18.6	27.8

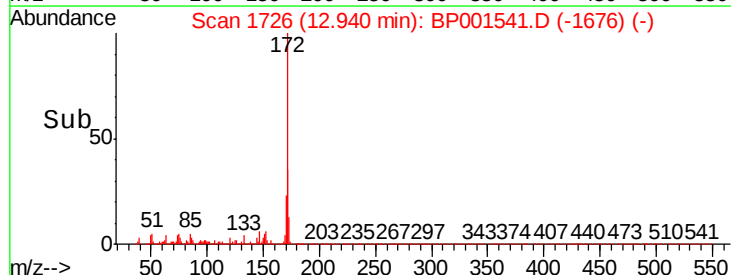
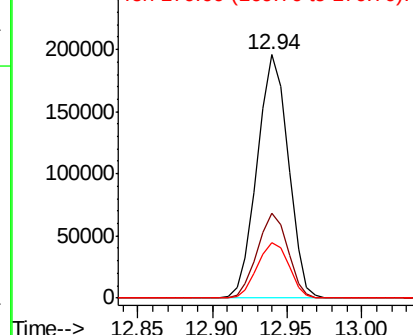


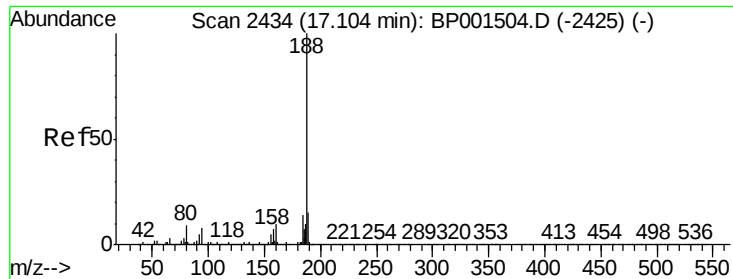
Abundance

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





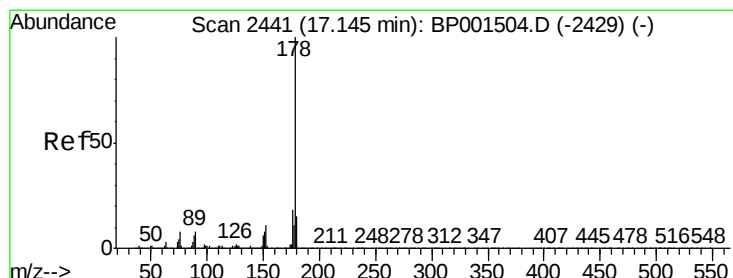
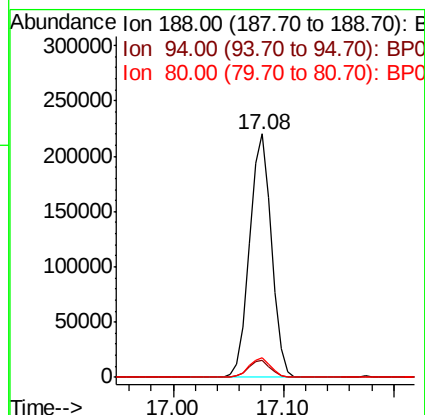
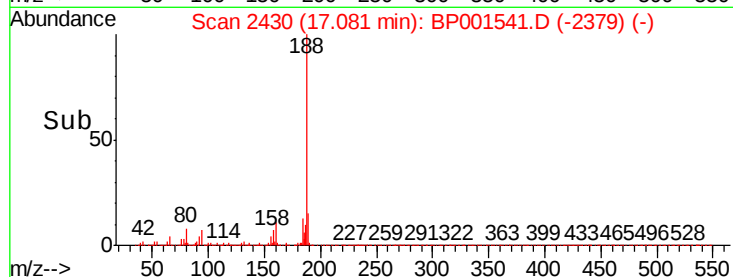
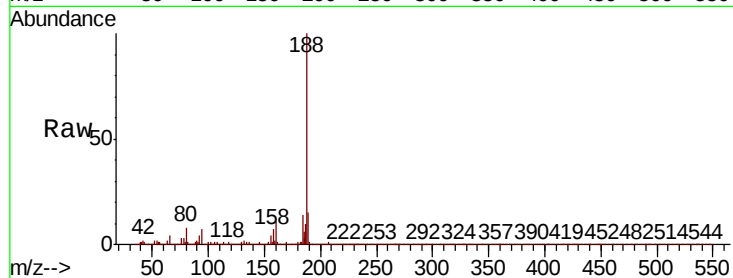
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BP001541.D
Acq: 06 Jan 2020 21:35

Instrument :
BNA_P
ClientSampleId :
OK-01-010220

Tot Ion	Ratio	Resp	Lower	Upper
188	100	305654		
94	7.2		5.4	8.0
80	8.2		6.3	9.5

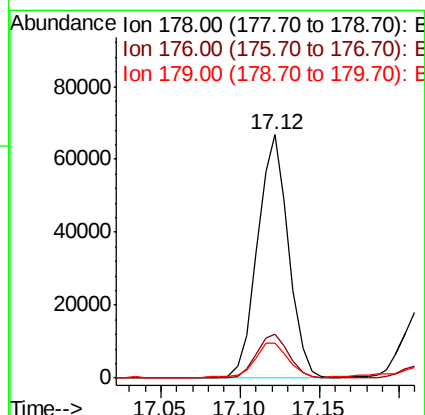
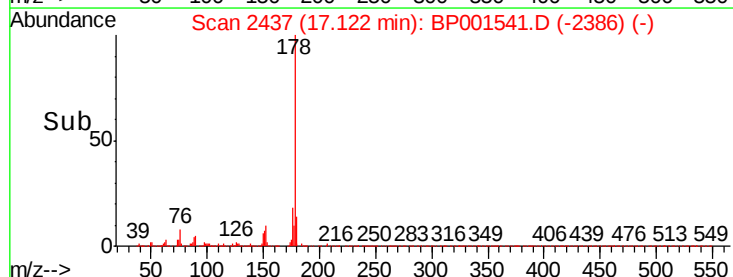
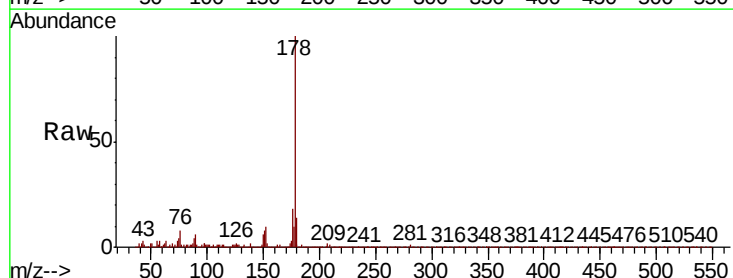
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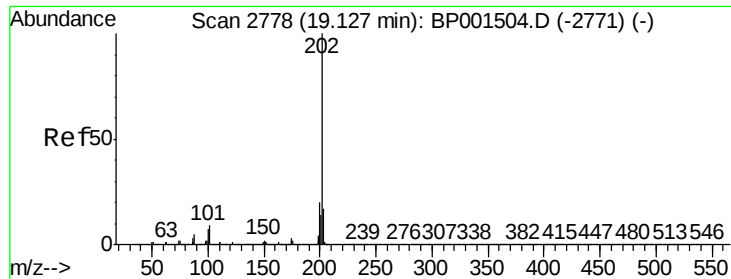
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#71
Phenanthrene
Concen: 5.441 ng
RT: 17.12 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BP001541.D
Acq: 06 Jan 2020 21:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	90205		
176	18.1		15.1	22.7
179	14.5		12.2	18.4





#75

Fluoranthene

Concen: 8.088 ng

RT: 19.10 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BP001541.D

Acq: 06 Jan 2020 21:35

Instrument :

BNA_P

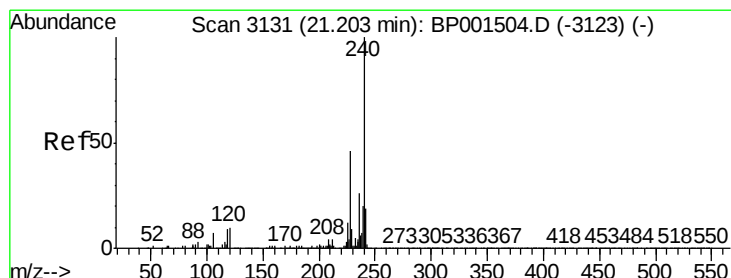
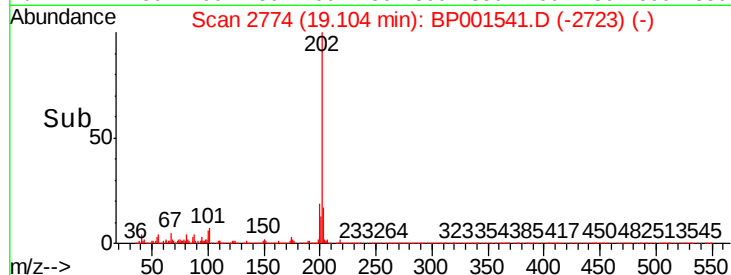
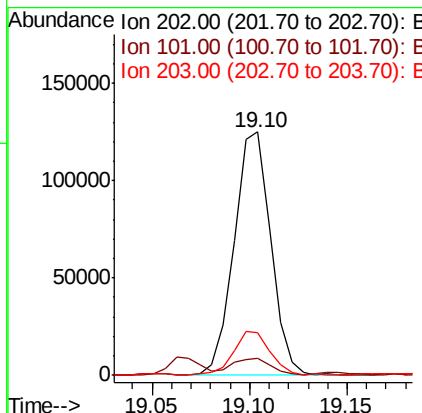
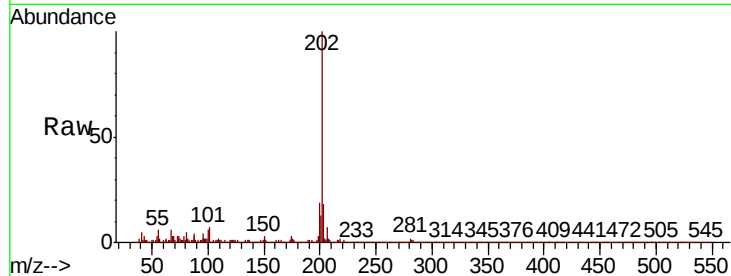
ClientSampleId :

OK-01-010220

Tot Ion:	202	Resp:	162310
Ion Ratio	Lower	Upper	
202	100		
101	7.3	0.0	27.1
203	17.6	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

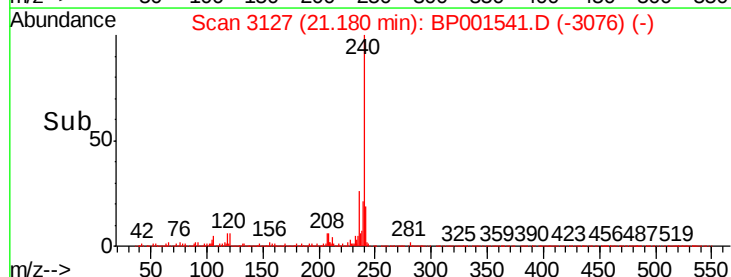
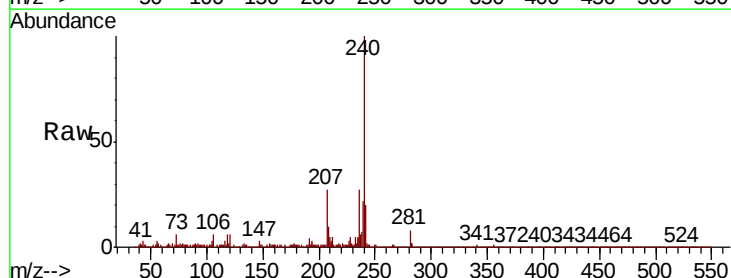
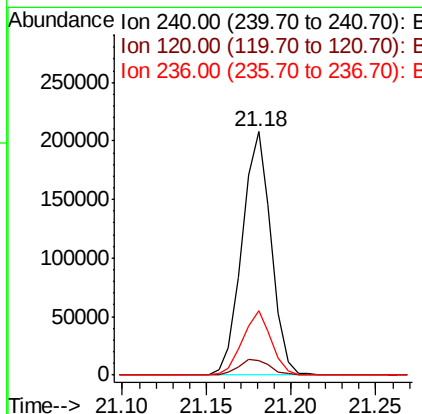
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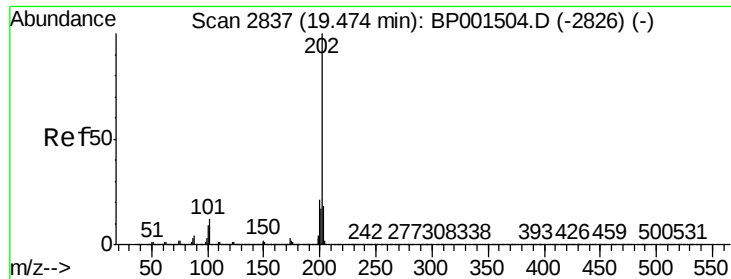
Delta R.T. 0.00 min

Lab File: BP001541.D

Acq: 06 Jan 2020 21:35

Tgt Ion:	240	Resp:	247634
Ion Ratio	Lower	Upper	
240	100		
120	6.1	5.2	7.8
236	26.5	21.4	32.2





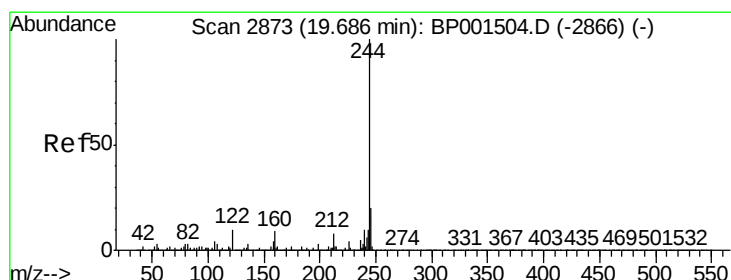
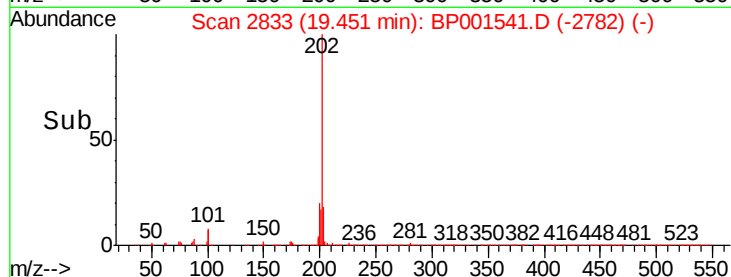
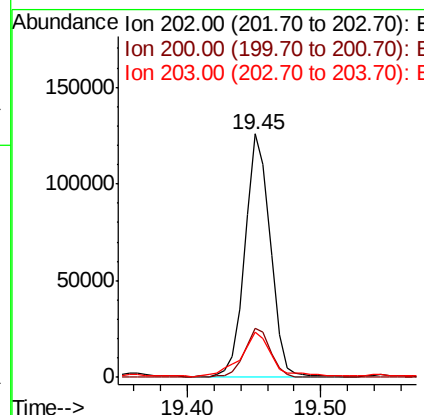
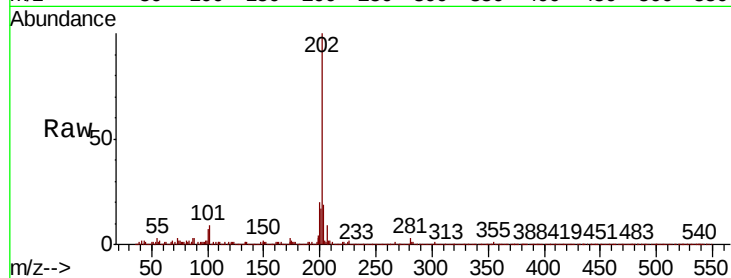
#78
Pvrene
Concen: 9.119 ng
RT: 19.45 min Scan# 2833
Delta R.T. 0.00 min
Lab File: BP001541.D
Acq: 06 Jan 2020 21:35

Instrument :
BNA_P
ClientSampleId :
OK-01-010220

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.2	16.2	24.4
203	18.7	13.6	20.4

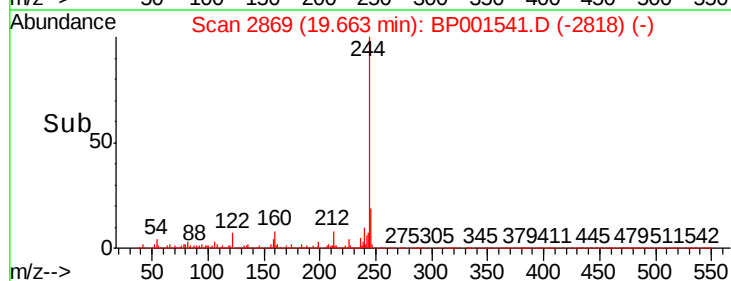
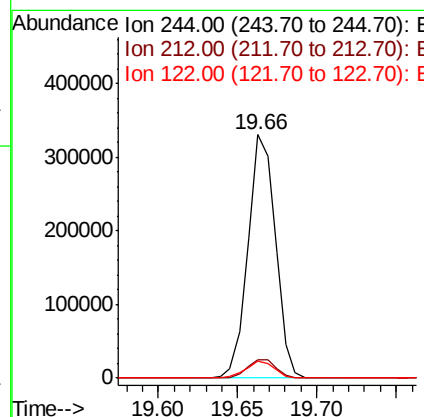
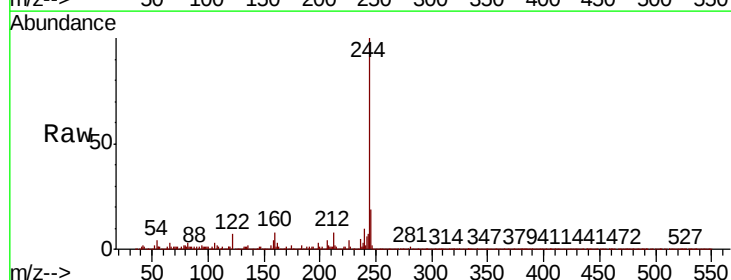
Manual Integrations
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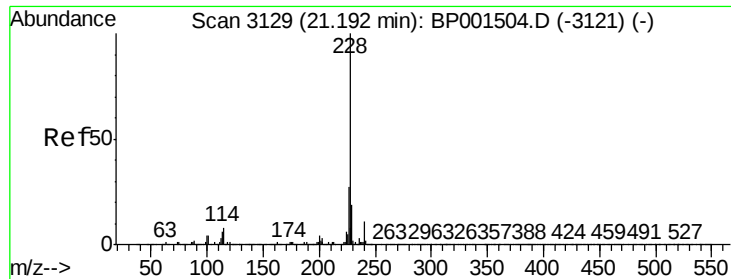
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#79
Terphenyl-d14
Concen: 32.049 ng
RT: 19.66 min Scan# 2869
Delta R.T. 0.00 min
Lab File: BP001541.D
Acq: 06 Jan 2020 21:35

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.6	6.7	10.1
122	7.1	6.0	9.0





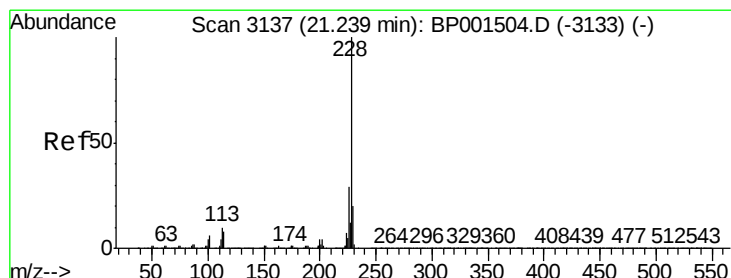
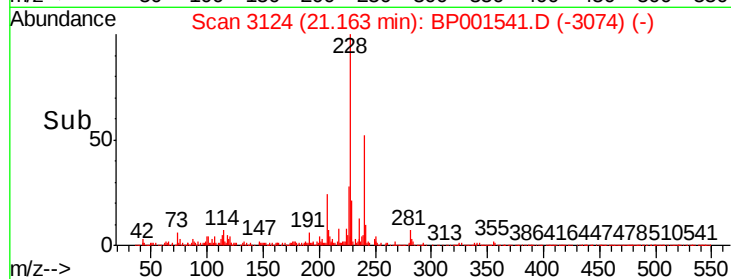
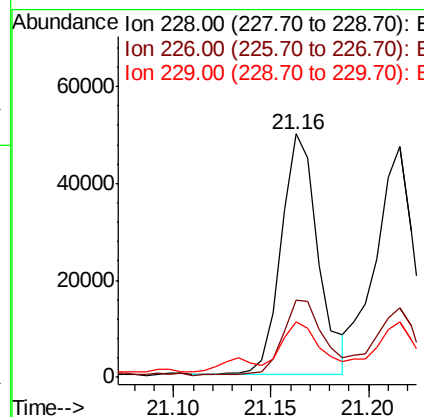
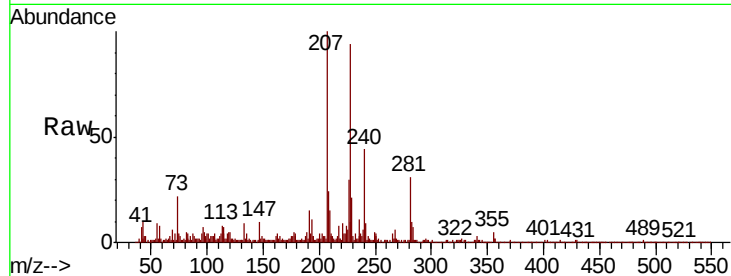
#81
Benzo(a)anthracene
Concen: 3.789 ng
RT: 21.16 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BP001541.D
Acq: 06 Jan 2020 21:35

Instrument :
BNA_P
ClientSampleId :
OK-01-010220

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	21.4	32.2
229	22.7	15.5	23.3

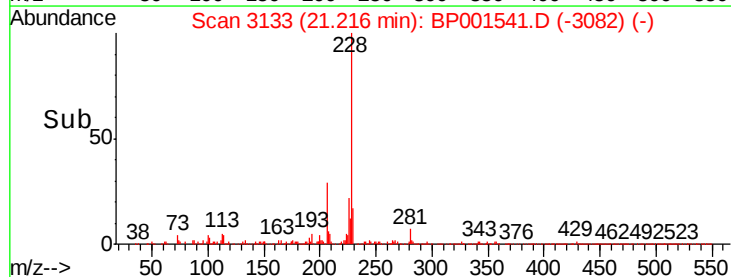
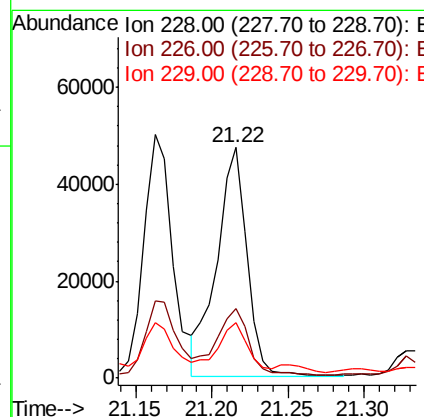
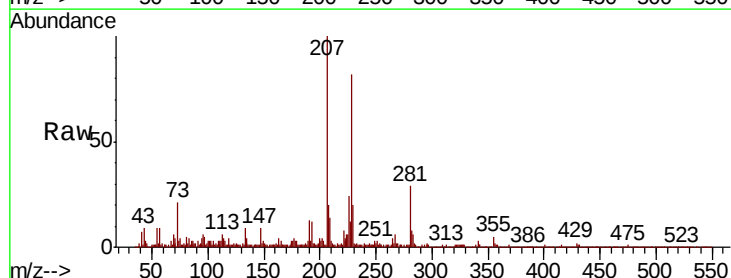
Manual Integrations
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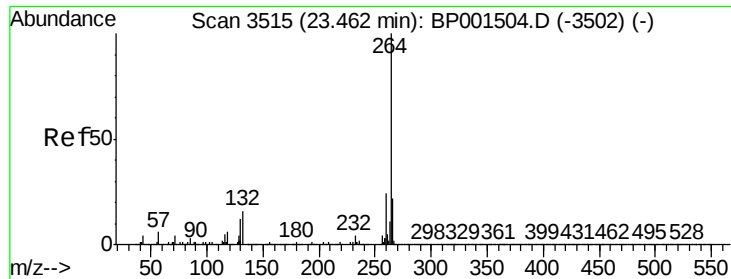
mohammad
1/7/2020 12:31:41 PM



#83
Chrysene
Concen: 3.922 ng m
RT: 21.22 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BP001541.D
Acq: 06 Jan 2020 21:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.1	34.7
229	24.2	15.6	23.4#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.43 min Scan# 3509

Delta R.T. 0.00 min

Lab File: BP001541.D

Acq: 06 Jan 2020 21:35

Instrument :

BNA_P

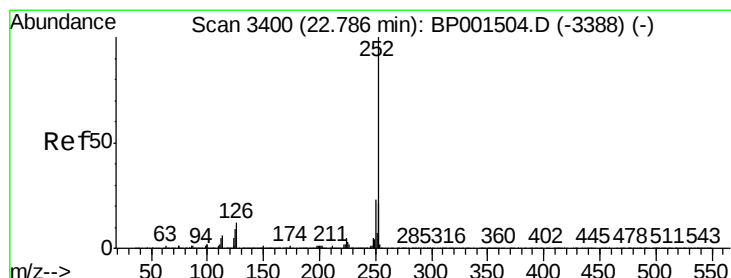
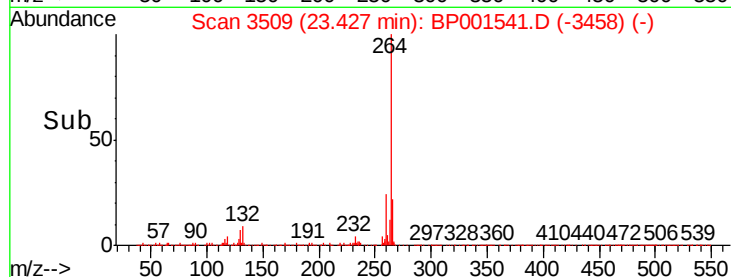
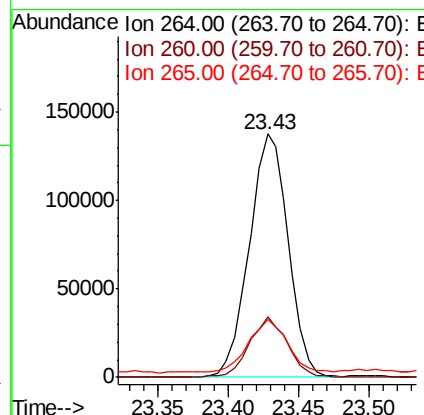
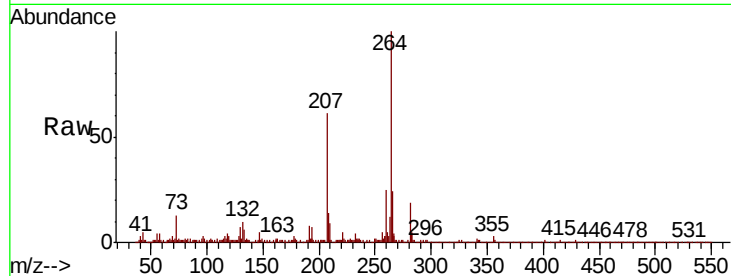
ClientSampleId :

OK-01-010220

Tot Ion:	264	Resp:	264203
Ion Ratio	Lower	Upper	
264	100		
260	24.6	18.6	27.8
265	23.7	19.0	28.4

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#88

Benzo(b)fluoranthene

Concen: 4.579 ng m

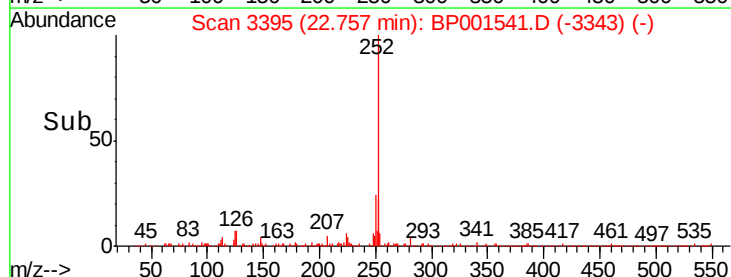
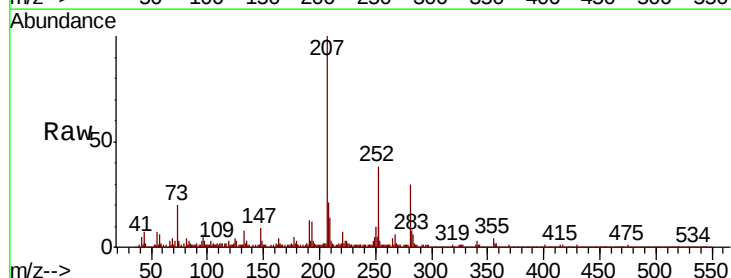
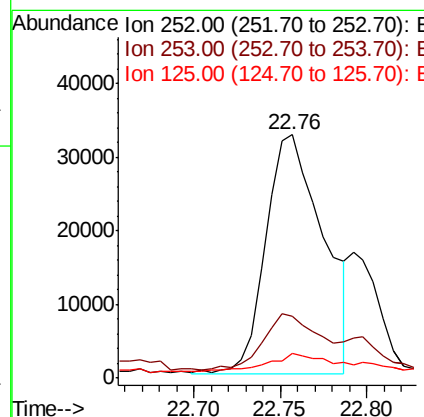
RT: 22.76 min Scan# 3395

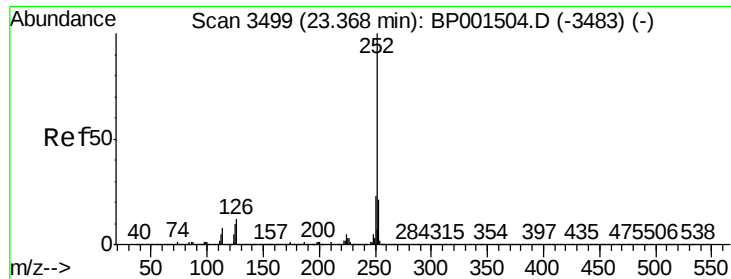
Delta R.T. 0.01 min

Lab File: BP001541.D

Acq: 06 Jan 2020 21:35

Tgt Ion:	252	Resp:	74903
Ion Ratio	Lower	Upper	
252	100		
253	25.3	16.7	25.1#
125	10.3	4.2	6.2#





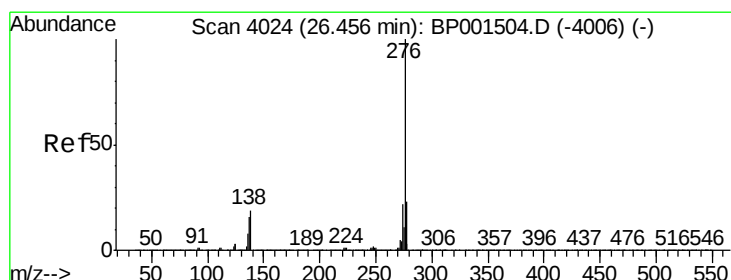
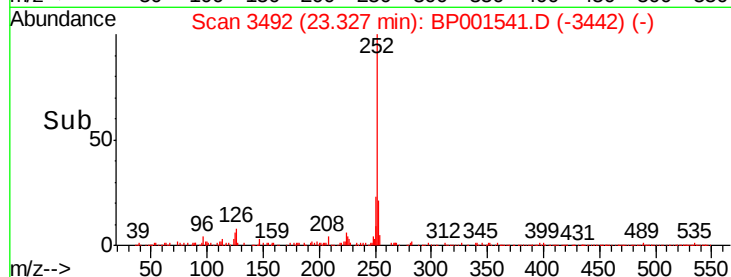
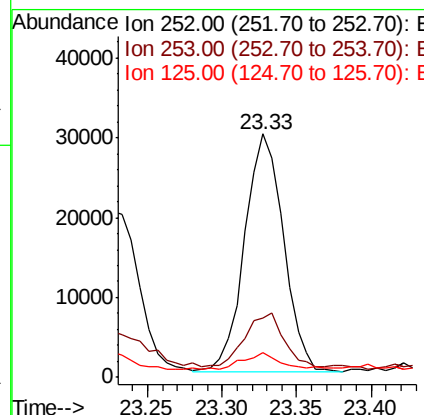
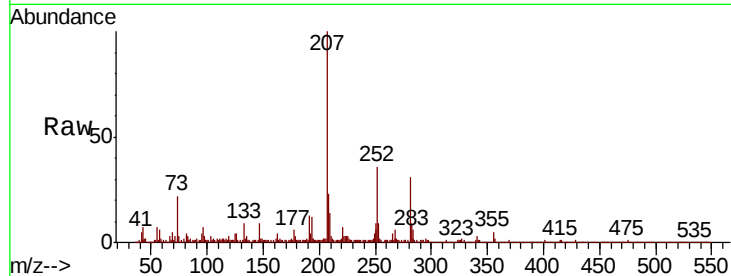
#90
Benzo(a)pyrene
Concen: 3.497 ng
RT: 23.33 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BP001541.D
Acq: 06 Jan 2020 21:35

Instrument :
BNA_P
ClientSampleId :
OK-01-010220

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.8
125	9.9	4.6	6.8

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#92
Benzo(g,h,i)perylene
Concen: 2.415 ng
RT: 26.39 min Scan# 4013
Delta R.T. -0.01 min
Lab File: BP001541.D
Acq: 06 Jan 2020 21:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.5	18.9	28.3
138	13.2	10.1	15.1

