

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
 Data File : BP001353.D
 Acq On : 20 Dec 2019 20:14
 Operator : JU
 Sample : K6107-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-121819

Manual Integrations
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Quant Time: Dec 21 03:48:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	43200	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	151173	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	85850	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	163222	20.00	ng	0.00
76) Chrysene-d12	19.25	240	137136	20.00	ng	0.00
87) Perylene-d12	21.02	264	149836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	379337	141.92	ng	0.01
7) Phenol-d6	7.76	99	519088	148.83	ng	0.00
23) Nitrobenzene-d5	9.19	82	353691	89.85	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	142820	133.06	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	557957	82.18	ng	0.00
79) Terphenyl-d14	17.89	244	660671	82.51	ng	0.00
Target Compounds						
10) Phenol	7.77	94	22154	5.559	ng	84
37) 2-Methylnaphthalene	11.50	142	12673	2.225	ng	# 80
50) Dimethylphthalate	12.79	163	51879	7.366	ng	# 98
71) Phenanthrene	15.63	178	27354	2.937	ng	99
75) Fluoranthene	17.35	202	51298	4.926	ng	98
78) Pyrene	17.65	202	46550	4.372	ng	# 95
81) Benzo(a)anthracene	19.23	228	25895	2.591	ng	95
83) Chrysene	19.27	228	22793m	2.363	ng	
88) Benzo(b)fluoranthene	20.53	252	26486m	2.692	ng	
90) Benzo(a)pyrene	20.94	252	18971	2.116	ng	# 89

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

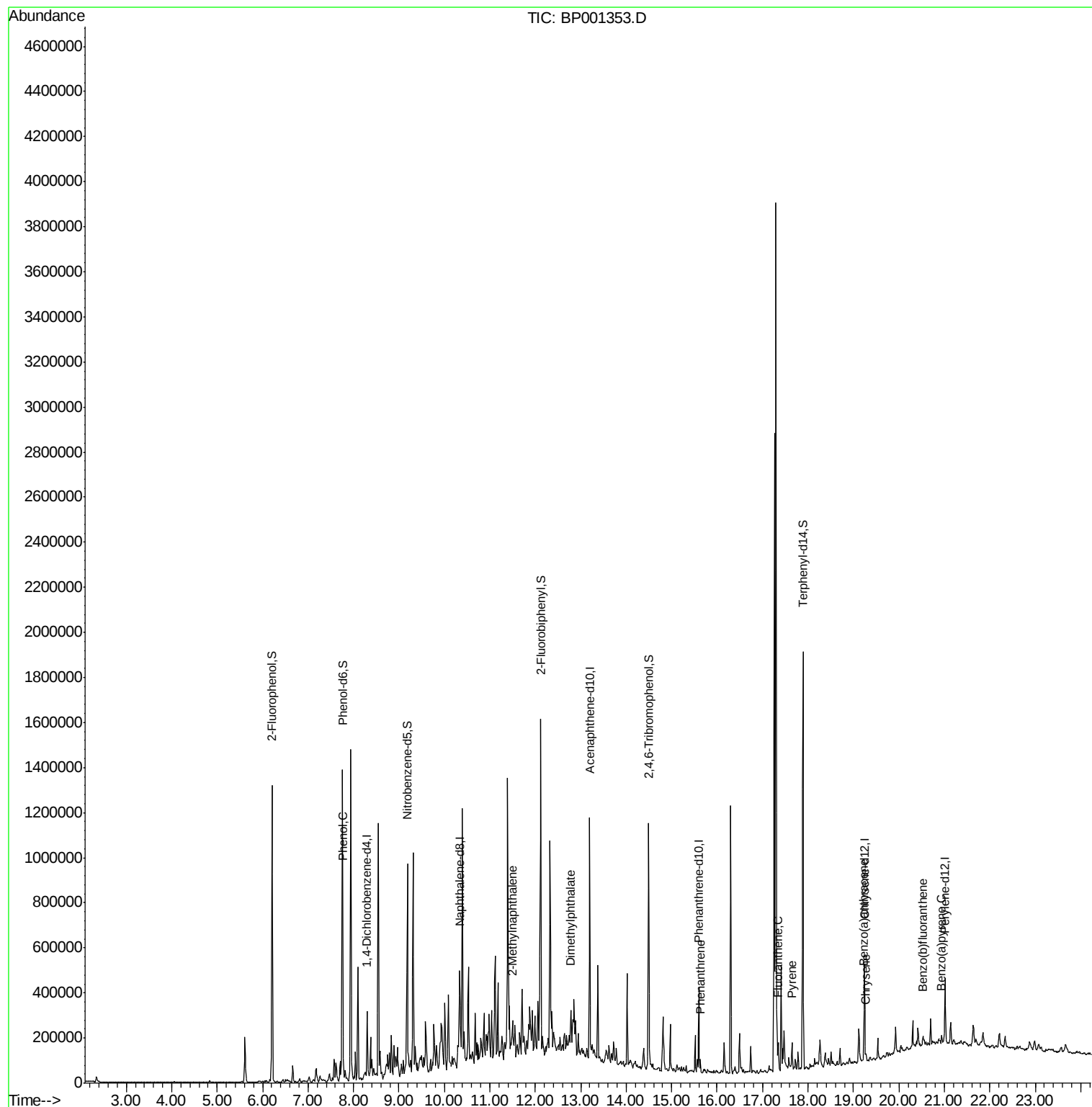
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122019\
Data File : BP001353.D
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Operator : JU
Sample : K6107-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

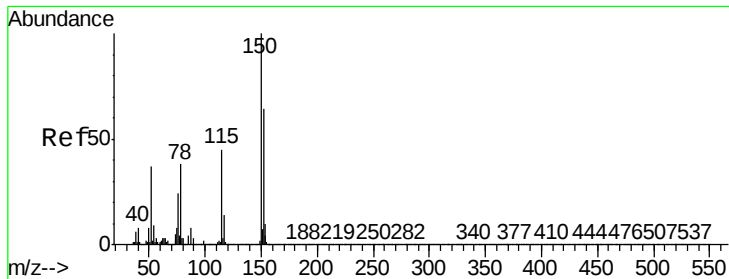
Instrument :
BNA_P
ClientSampleId :
HR-06-121819

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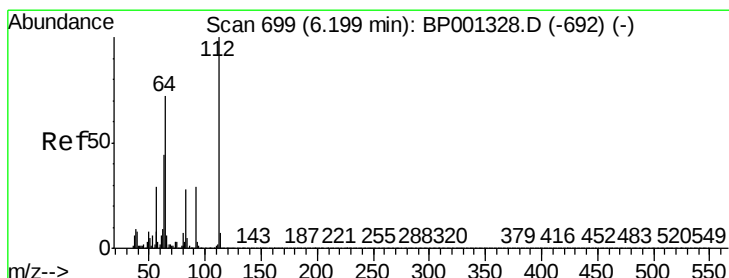
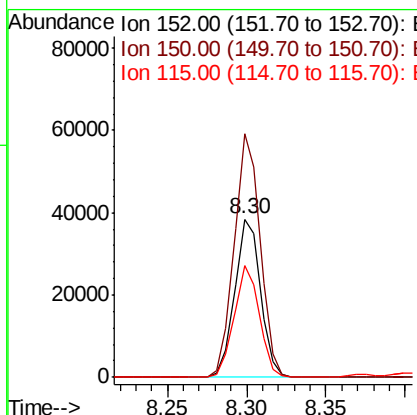
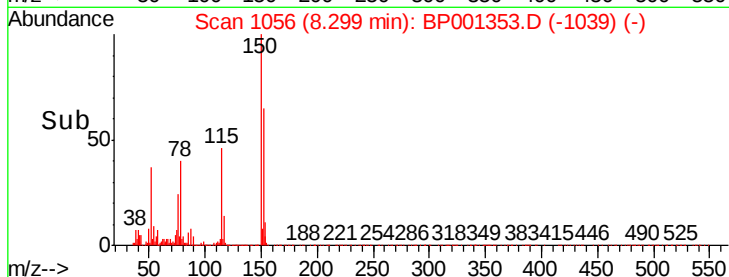
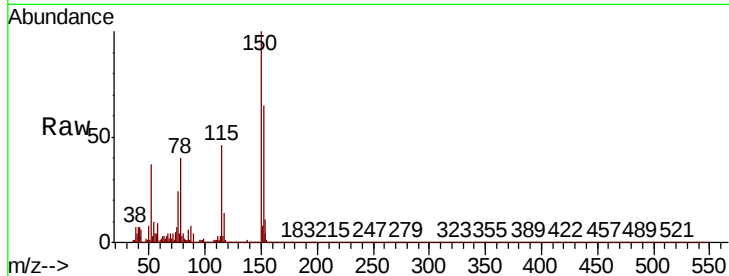
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BP001353.D
 Acq: 20 Dec 2019 20:14

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-121819

Tot Ion:	152	Resp:	43200
Ion Ratio	Lower	Upper	
152	100		
150	153.8	124.0	186.0
115	70.9	59.3	88.9

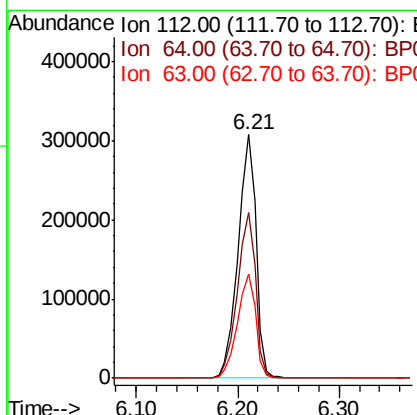
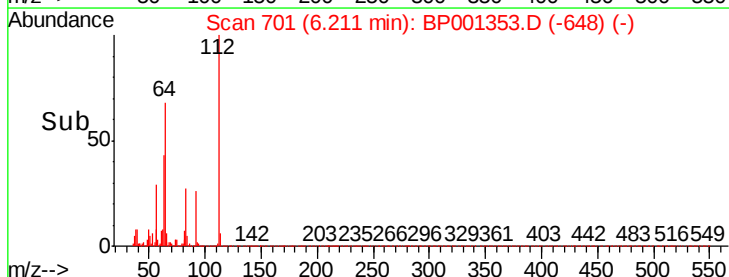
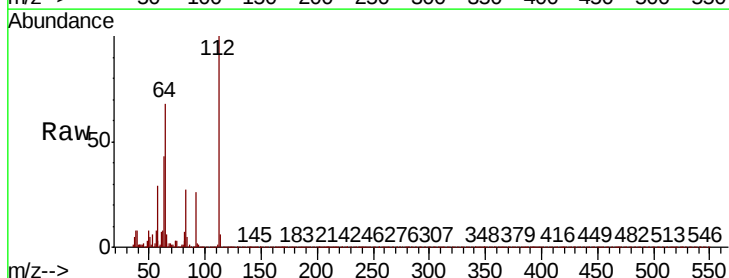
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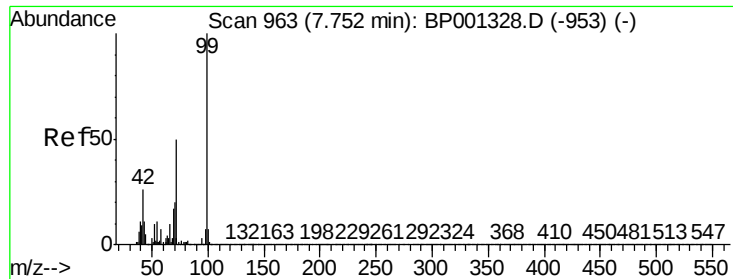
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#5
 2-Fluorophenol
 Concen: 141.917 ng
 RT: 6.21 min Scan# 701
 Delta R.T. 0.01 min
 Lab File: BP001353.D
 Acq: 20 Dec 2019 20:14

Tgt Ion:	112	Resp:	379337
Ion Ratio	Lower	Upper	
112	100		
64	68.2	57.6	86.4
63	42.8	35.1	52.7





#7

Phenol-d6

Concen: 148.827 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BP001353.D

Acq: 20 Dec 2019 20:14

Instrument :

BNA_P

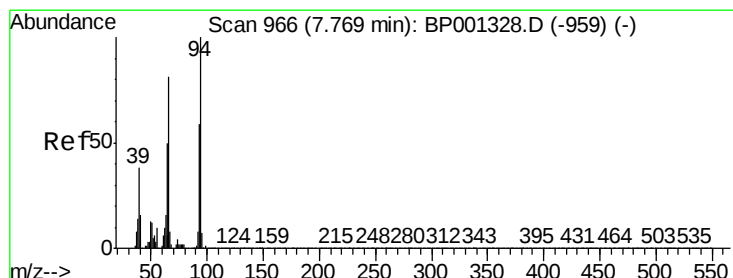
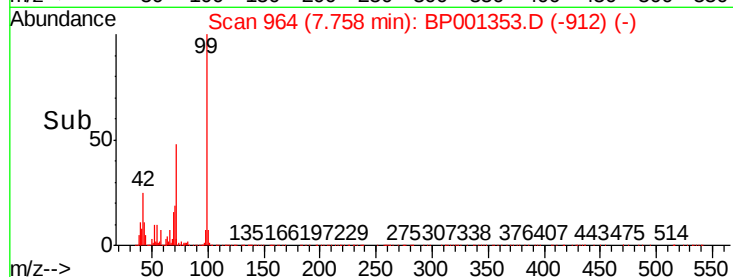
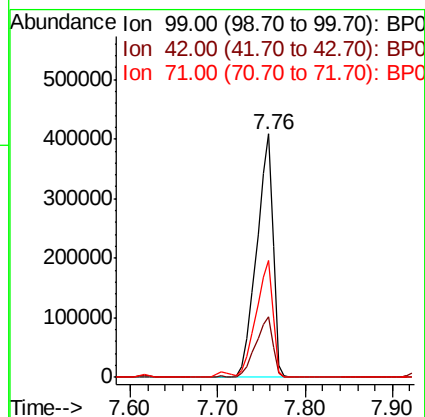
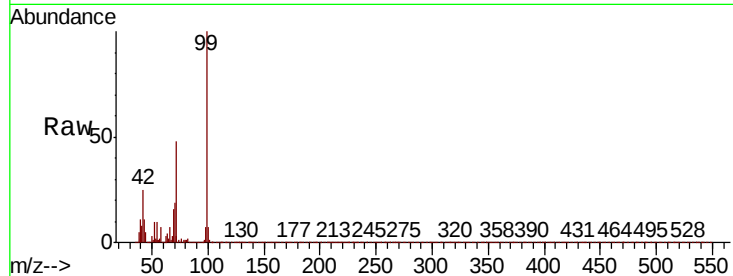
ClientSampleId :

HR-06-121819

Tot Ion:	99	Resp:	519088
Ion Ratio	Lower	Upper	
99	100		
42	25.0	20.9	31.3
71	48.2	40.0	60.0

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#10

Phenol

Concen: 5.559 ng

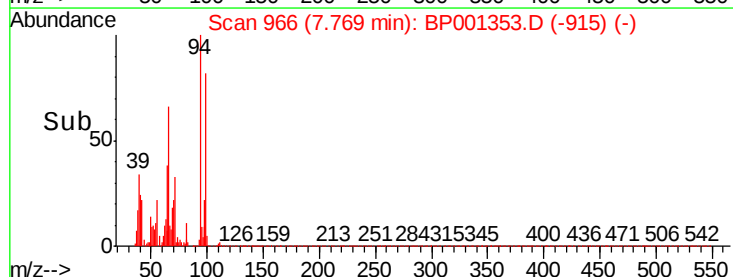
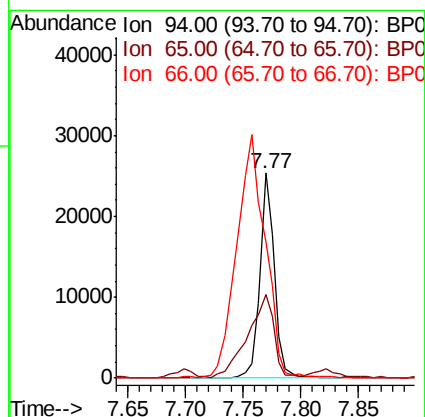
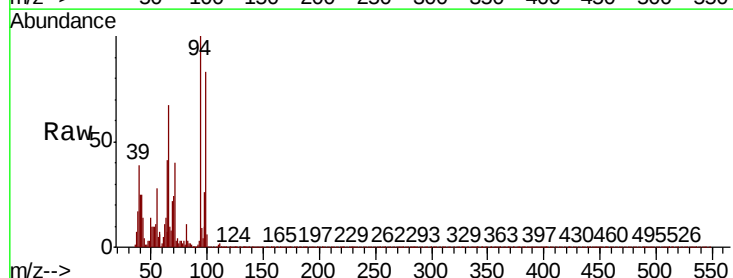
RT: 7.77 min Scan# 966

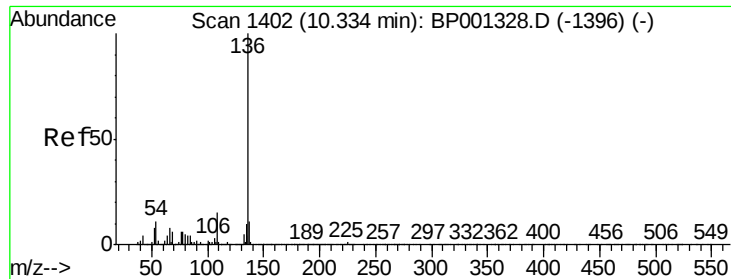
Delta R.T. 0.00 min

Lab File: BP001353.D

Acq: 20 Dec 2019 20:14

Tgt Ion:	94	Resp:	22154
Ion Ratio	Lower	Upper	
94	100		
65	40.8	30.4	70.4
66	66.7	62.0	102.0





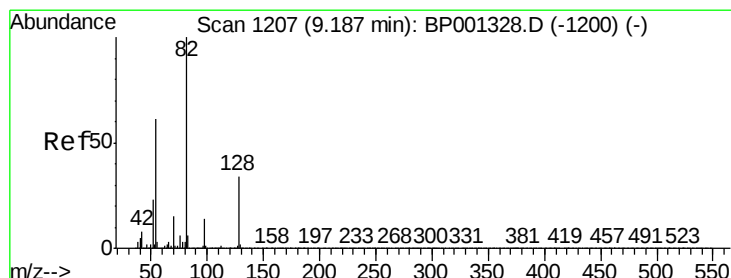
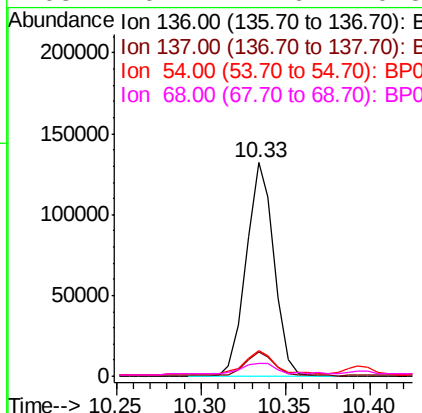
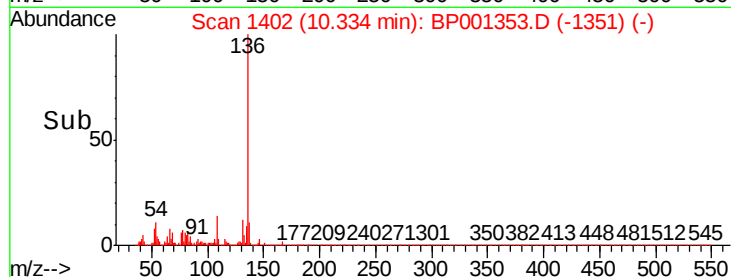
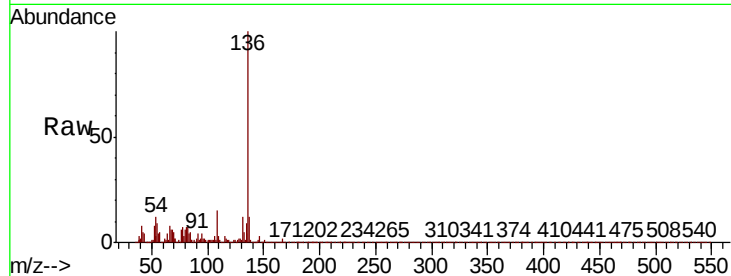
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BP001353.D
Acq: 20 Dec 2019 20:14

Instrument :
BNA_P
ClientSampleId :
HR-06-121819

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.5	8.8	13.2
54	11.7	8.8	13.2
68	6.2	4.6	6.8

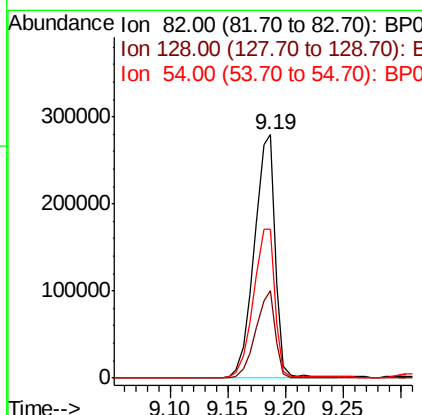
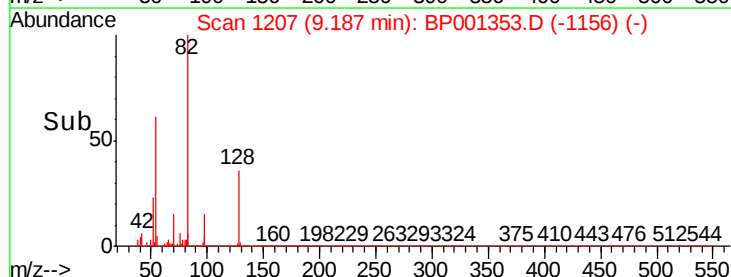
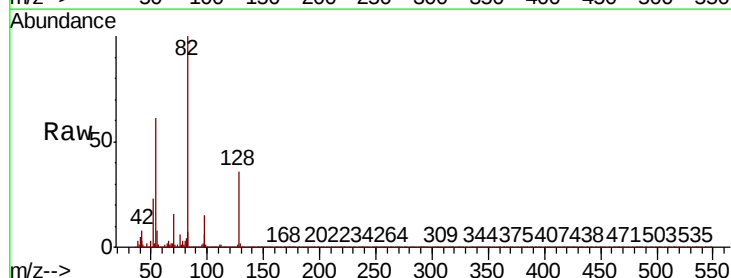
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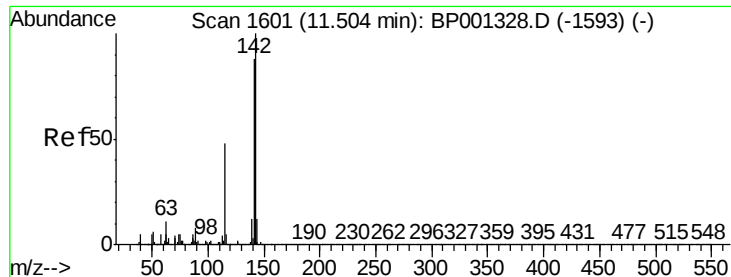
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#23
Nitrobenzene-d5
Concen: 89.845 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BP001353.D
Acq: 20 Dec 2019 20:14

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	35.7	27.0	40.4
54	60.9	49.0	73.4





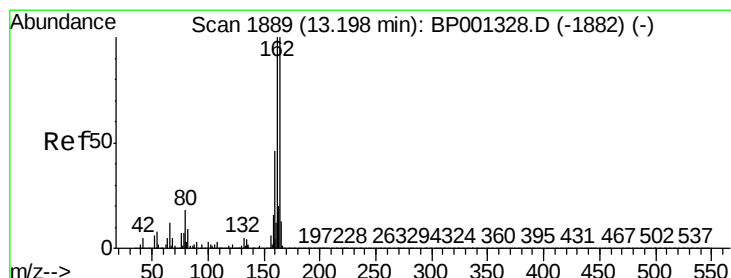
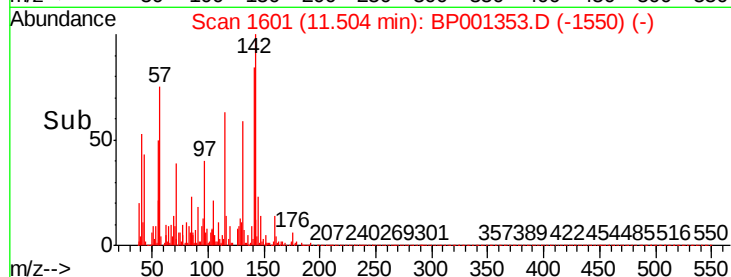
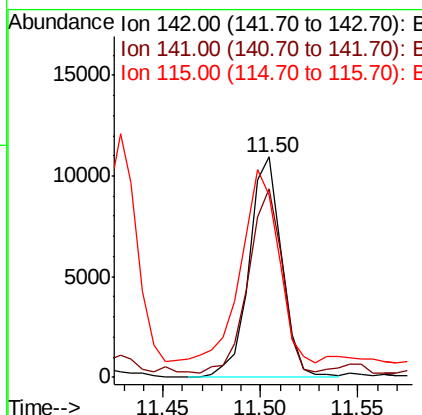
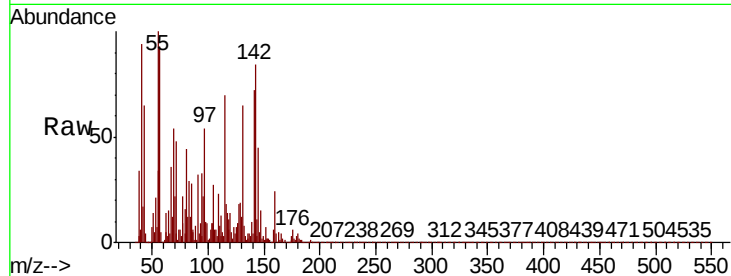
#37
2-Methylnaphthalene
Concen: 2.225 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BP001353.D
Acq: 20 Dec 2019 20:14

Instrument :
BNA_P
ClientSampleId :
HR-06-121819

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.6	70.2	105.4
115	82.7	38.7	58.1

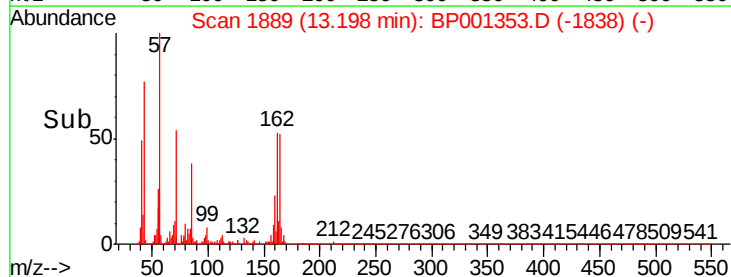
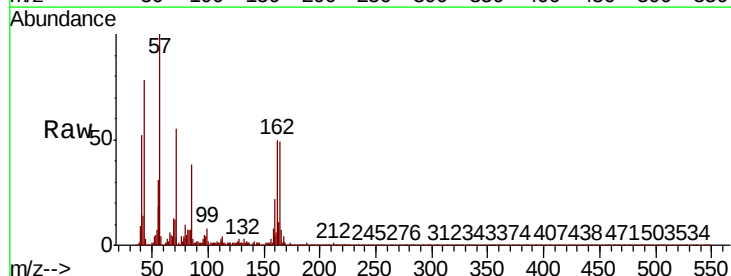
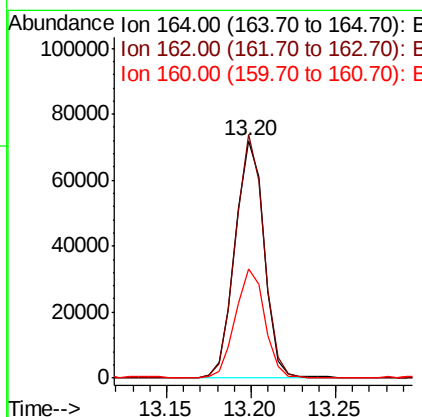
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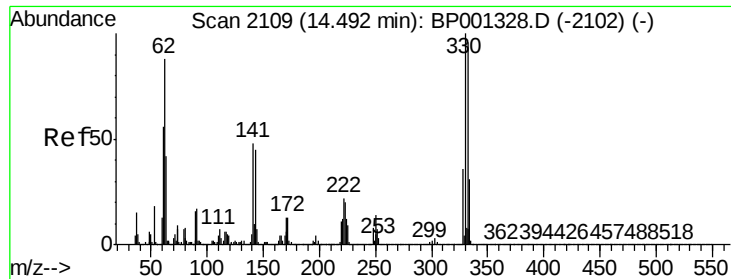
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. 0.00 min
Lab File: BP001353.D
Acq: 20 Dec 2019 20:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.3	120.5
160	45.7	36.6	54.8





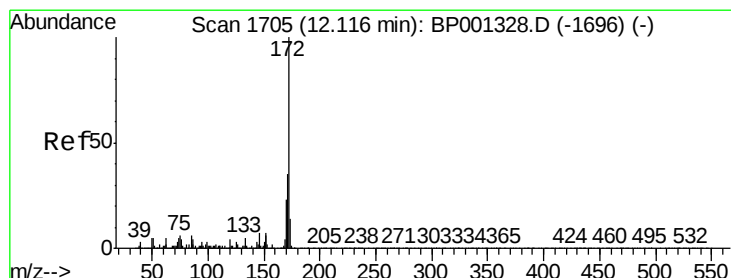
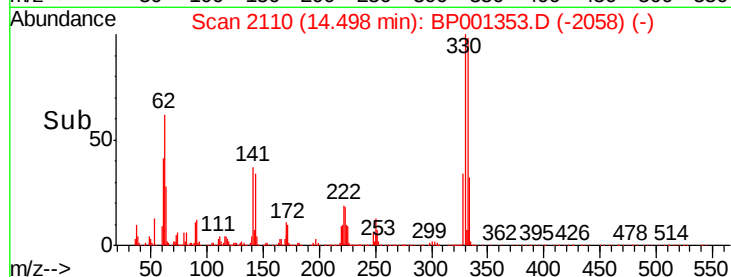
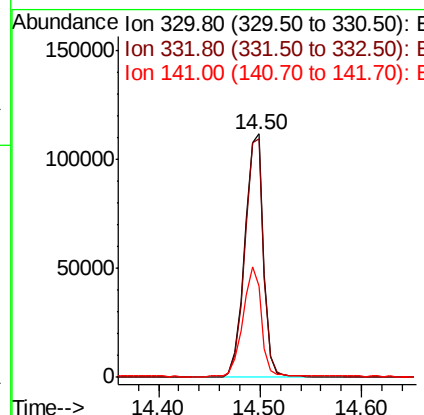
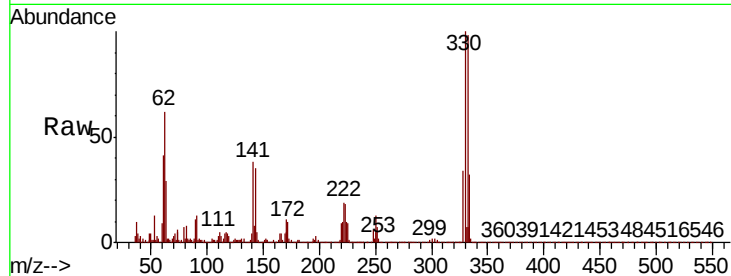
#42
2,4,6-Tribromophenol
Concen: 133.064 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BP001353.D
Acq: 20 Dec 2019 20:14

Instrument :
BNA_P
ClientSampleId :
HR-06-121819

Tot Ion	Ratio	Resp	Lower	Upper
330	100	142820		
332	97.9	78.7	118.1	
141	45.2	36.2	54.4	

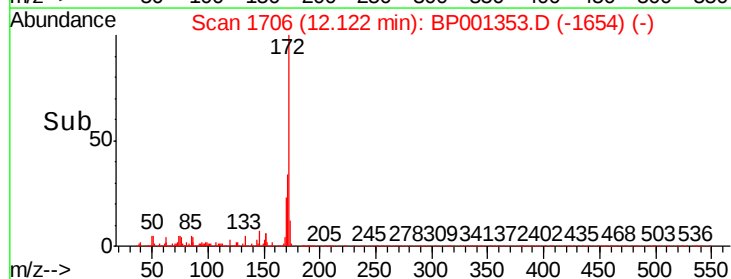
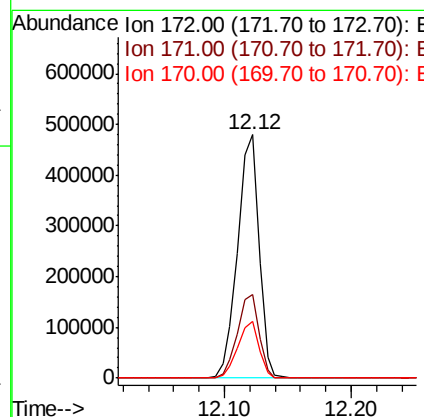
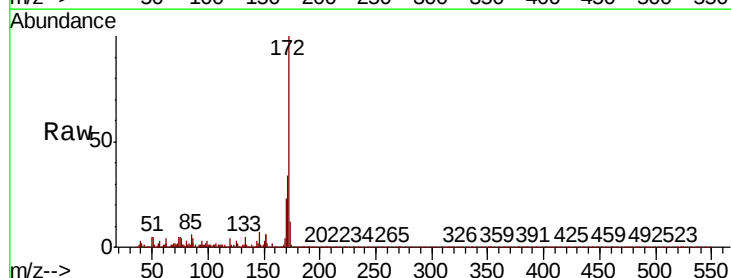
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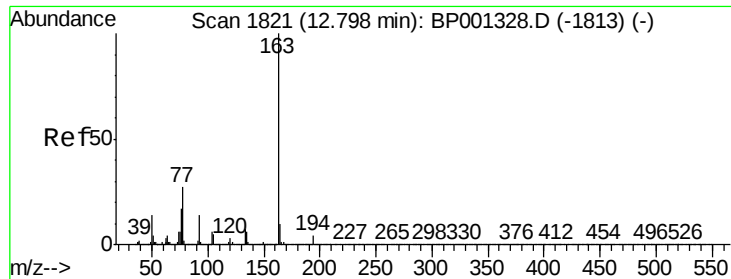
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#45
2-Fluorobiphenyl
Concen: 82.182 ng
RT: 12.12 min Scan# 1706
Delta R.T. 0.01 min
Lab File: BP001353.D
Acq: 20 Dec 2019 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	557957		
171	34.4	27.7	41.5	
170	23.3	18.6	28.0	





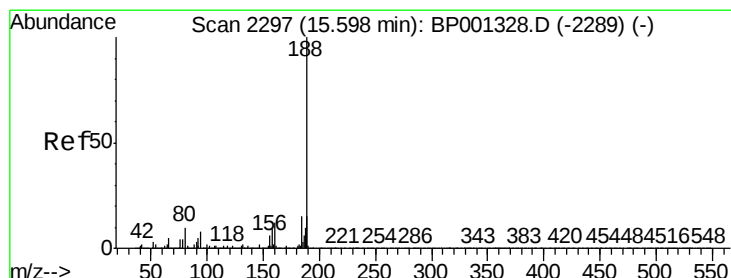
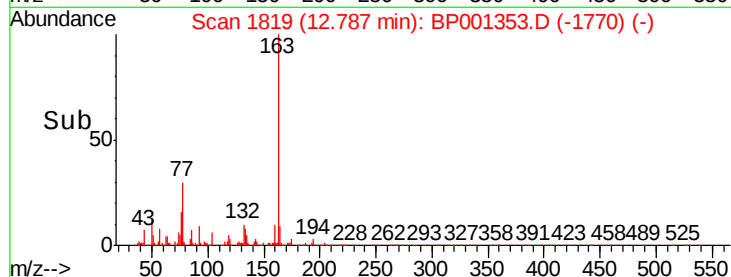
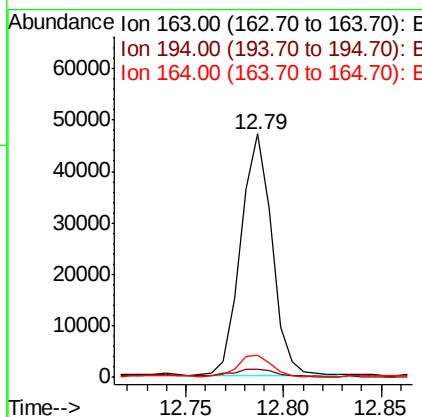
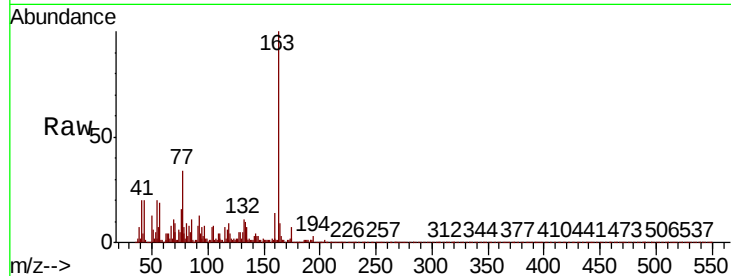
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Dimethylphthalate
Concen: 7.366 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BP001353.D
Acq: 20 Dec 2019 20:14

Instrument :
BNA_P
ClientSampleId :
HR-06-121819

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.4	5.0#
164	9.2	7.9	11.9

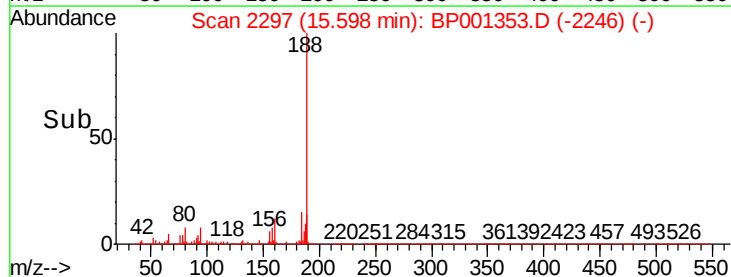
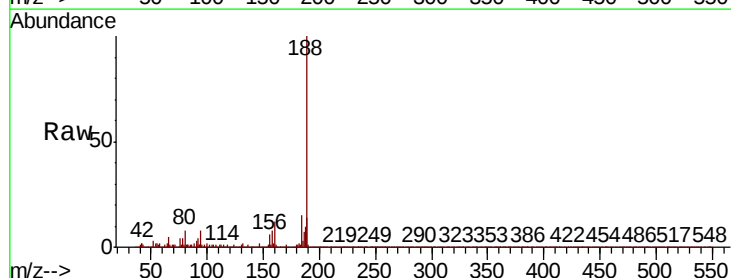
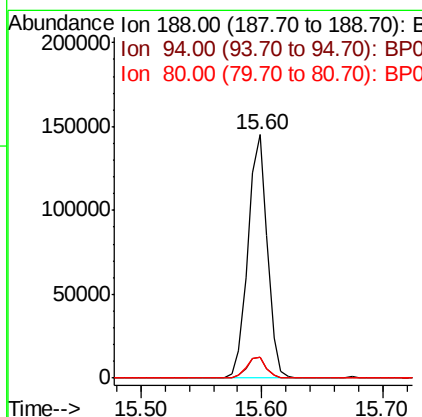
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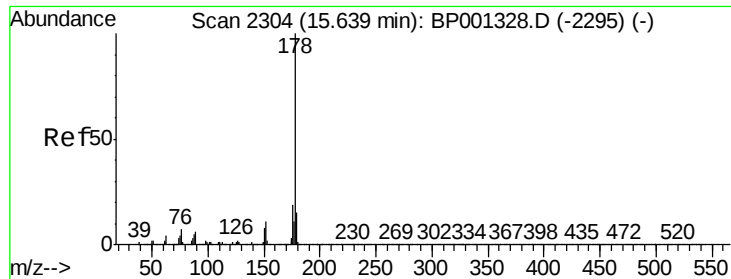
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BP001353.D
Acq: 20 Dec 2019 20:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.6	10.0
80	8.4	7.8	11.6





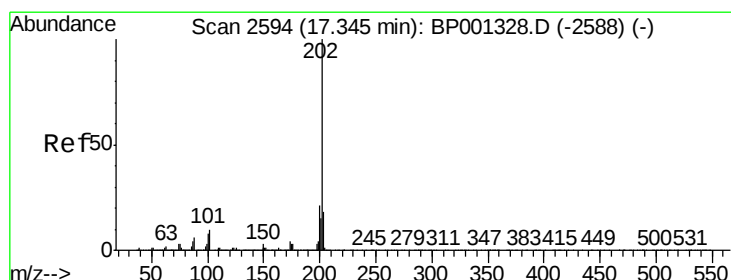
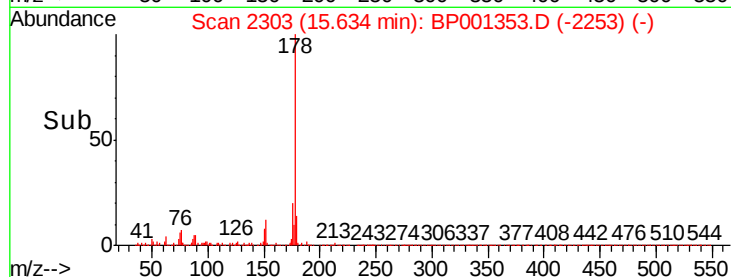
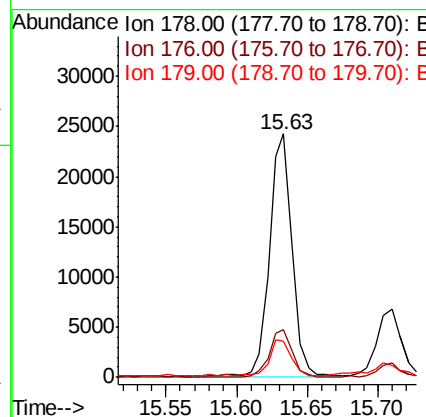
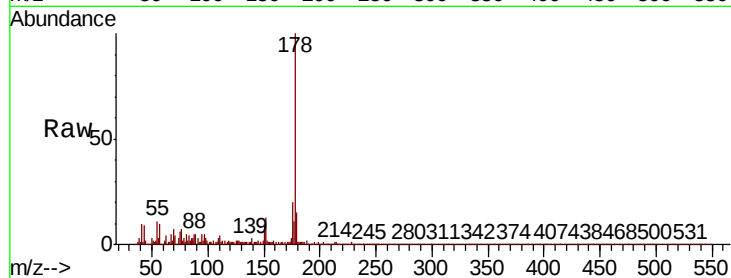
#71
Phenanthrene
Concen: 2.937 ng
RT: 15.63 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BP001353.D
Acq: 20 Dec 2019 20:14

Instrument :
BNA_P
ClientSampleId :
HR-06-121819

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.2	22.8
179	14.9	12.0	18.0

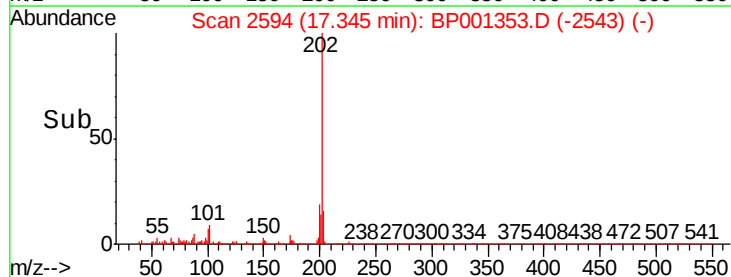
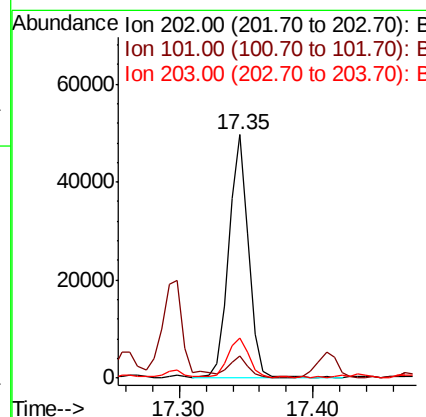
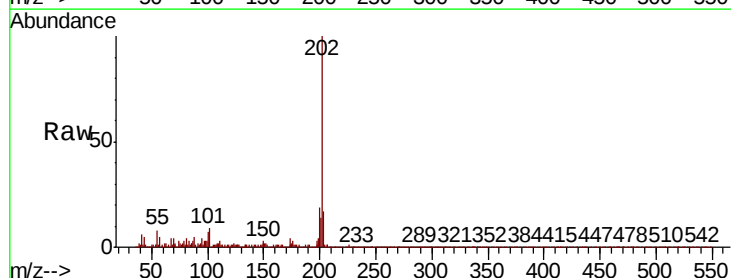
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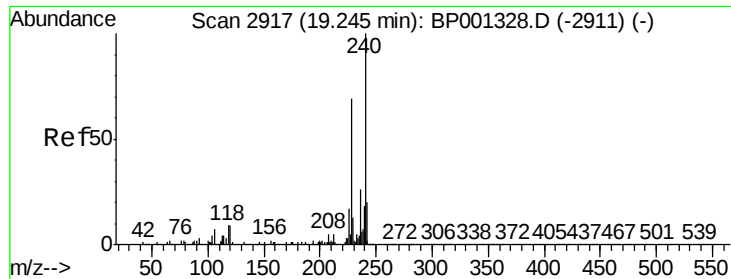
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#75
Fluoranthene
Concen: 4.926 ng
RT: 17.35 min Scan# 2594
Delta R.T. 0.00 min
Lab File: BP001353.D
Acq: 20 Dec 2019 20:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	29.9
203	16.6	0.0	37.6





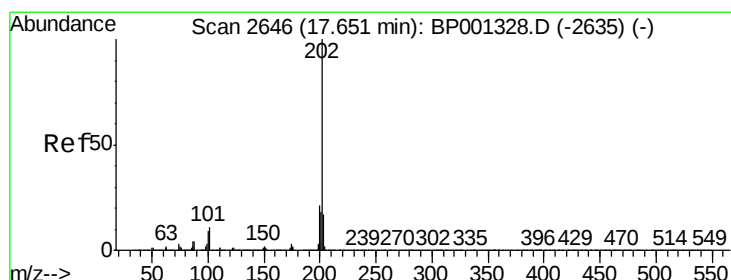
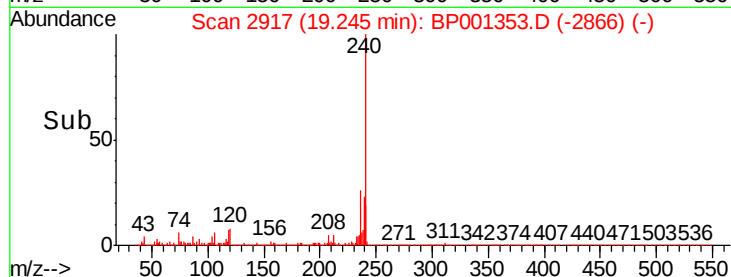
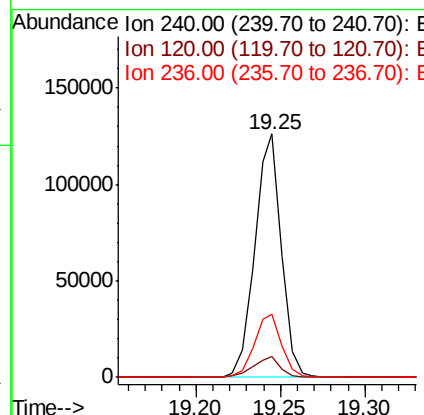
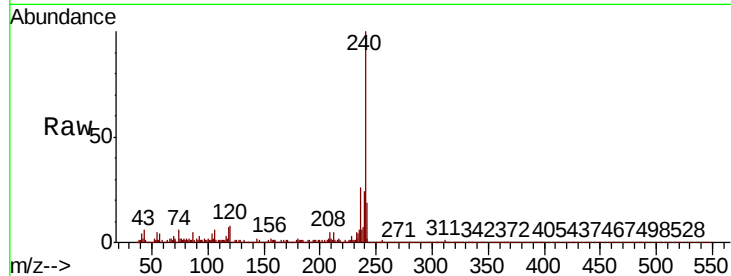
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2917
Delta R.T. 0.00 min
Lab File: BP001353.D
Acq: 20 Dec 2019 20:14

Instrument :
BNA_P
ClientSampleId :
HR-06-121819

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.6	11.4
236	25.8	21.0	31.4

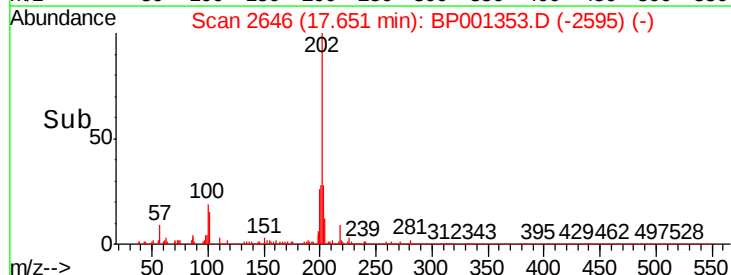
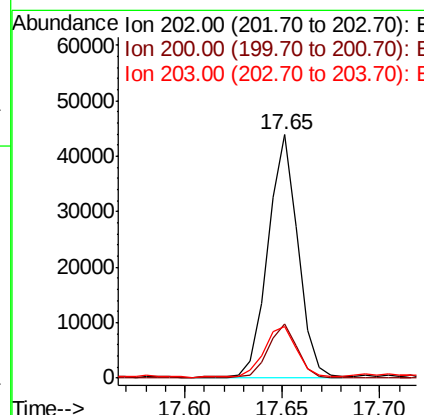
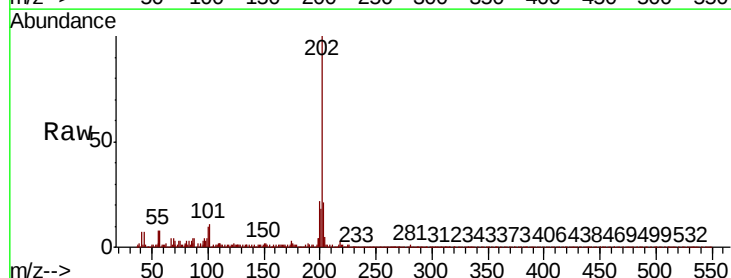
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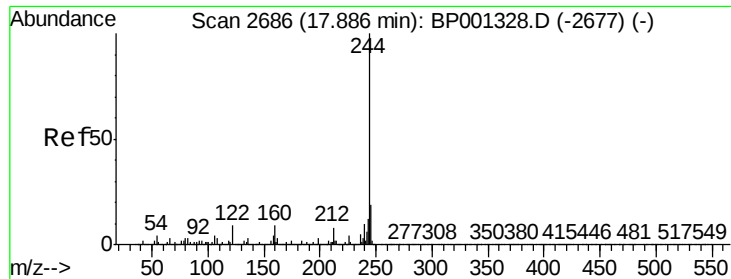
mohammad
12/23/2019 11:56:18 AM



#78
Pyrene
Concen: 4.372 ng
RT: 17.65 min Scan# 2646
Delta R.T. 0.00 min
Lab File: BP001353.D
Acq: 20 Dec 2019 20:14

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.8	25.2
203	21.2	13.8	20.8#





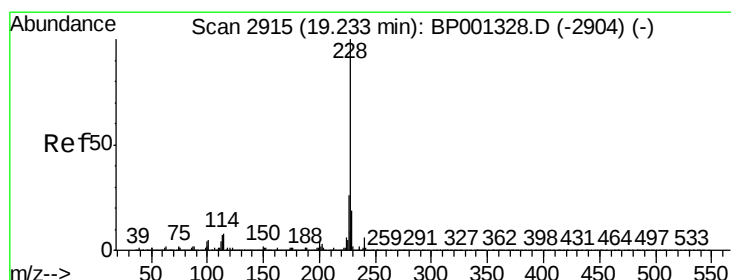
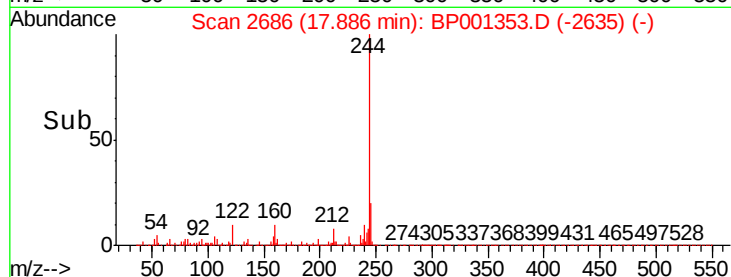
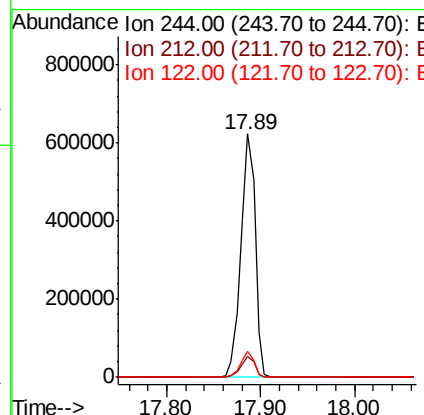
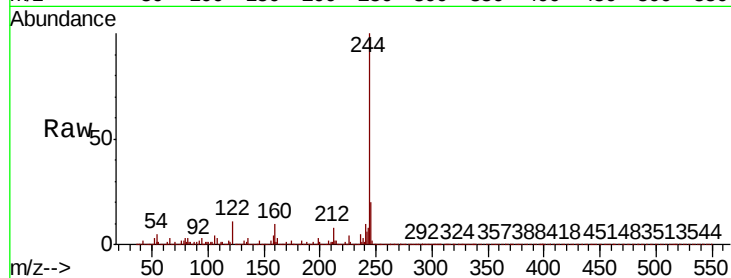
#79
 Terphenyl-d14
 Concen: 82.515 ng
 RT: 17.89 min Scan# 2686
 Delta R.T. 0.00 min
 Lab File: BP001353.D
 Acq: 20 Dec 2019 20:14

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-121819

Tot Ion:	244	Resp:	660671
Ion Ratio	Lower	Upper	
244	100		
212	8.4	6.6	9.8
122	10.5	7.6	11.4

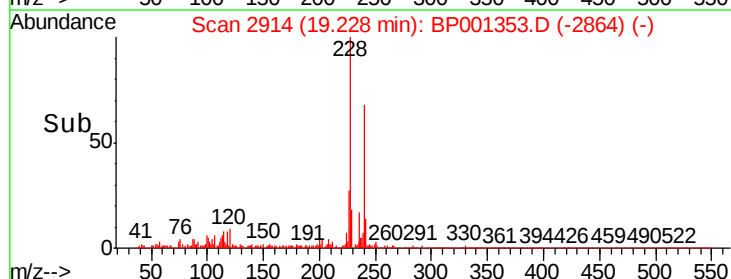
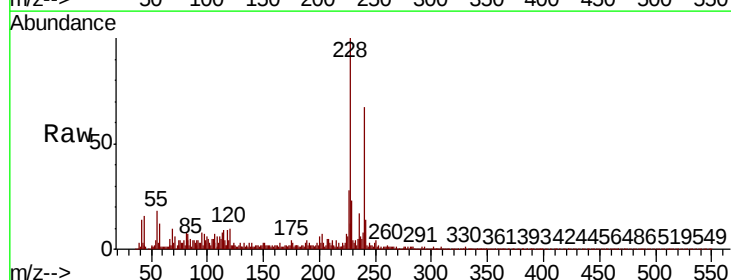
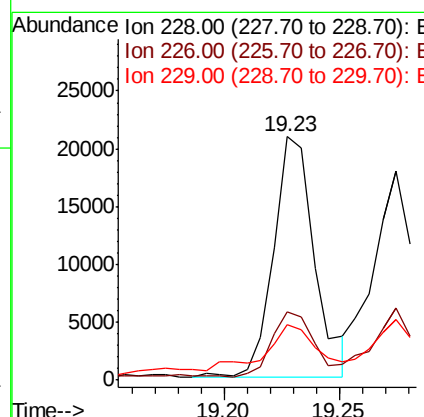
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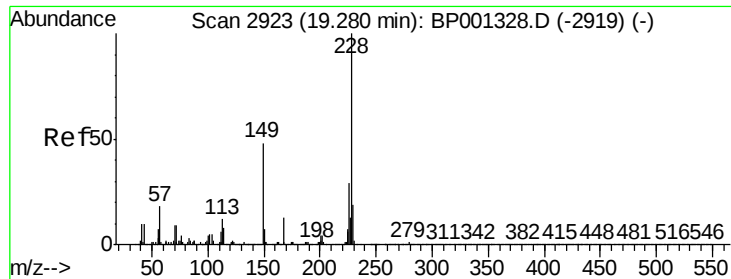
mohammad
 12/23/2019 11:56:18 AM



#81
 Benzo(a)anthracene
 Concen: 2.591 ng
 RT: 19.23 min Scan# 2914
 Delta R.T. -0.01 min
 Lab File: BP001353.D
 Acq: 20 Dec 2019 20:14

Tgt Ion:	228	Resp:	25895
Ion Ratio	Lower	Upper	
228	100		
226	28.3	21.2	31.8
229	22.7	15.4	23.0





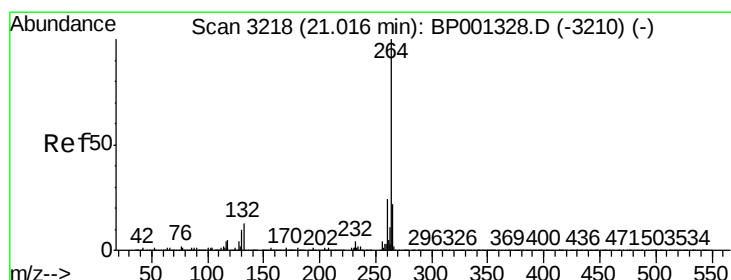
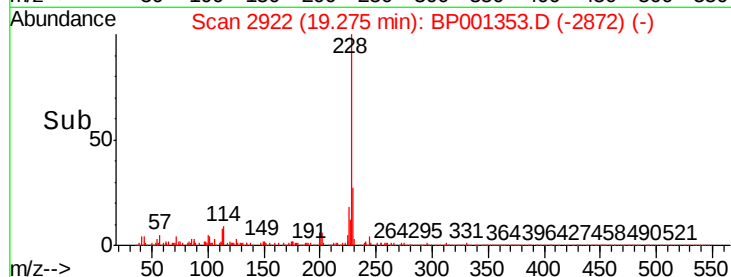
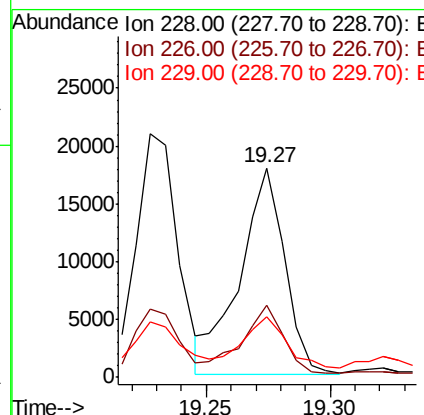
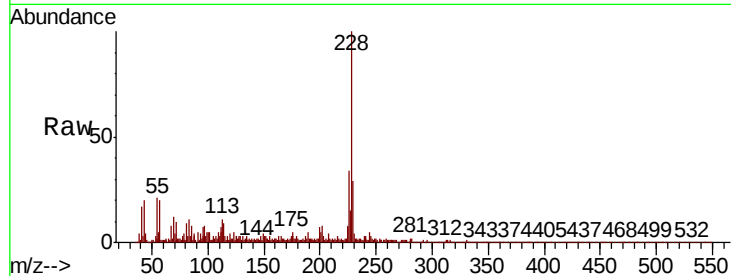
#83
Chrysene
Concen: 2.363 ng/mL
RT: 19.27 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BP001353.D
Acq: 20 Dec 2019 20:14

Instrument :
BNA_P
ClientSampleId :
HR-06-121819

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.2	23.1	34.7
229	28.7	15.4	23.2

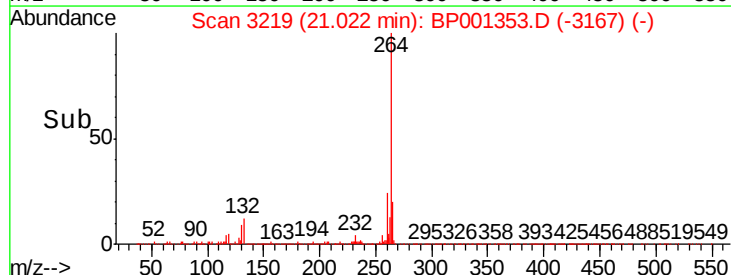
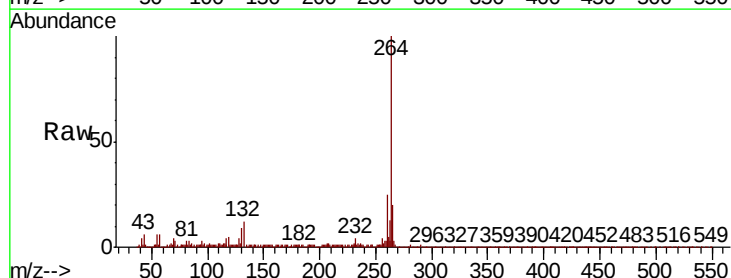
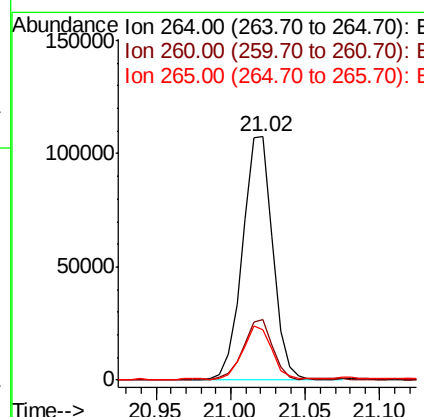
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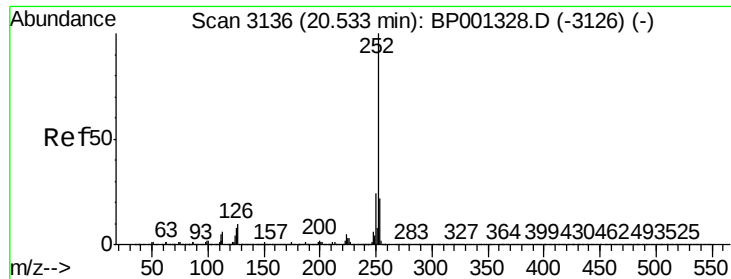
mohammad
12/23/2019 11:56:18 AM



#87
Perylene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3219
Delta R.T. 0.01 min
Lab File: BP001353.D
Acq: 20 Dec 2019 20:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	20.5	17.4	26.2





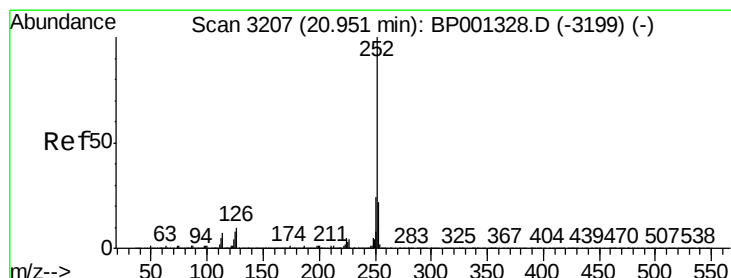
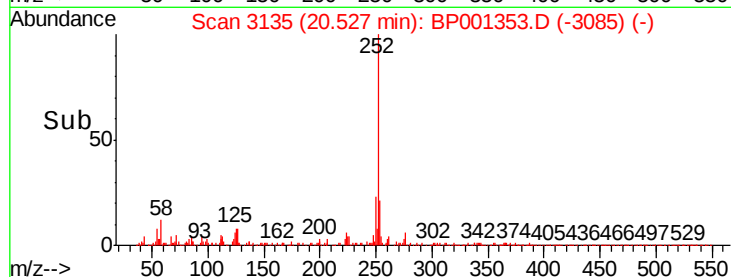
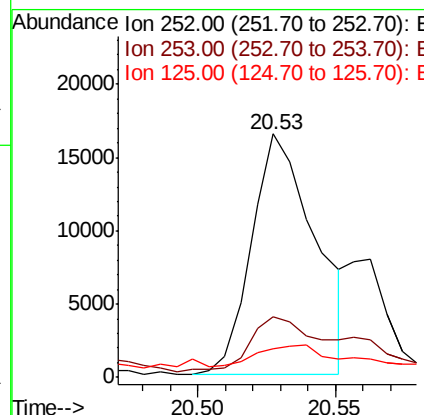
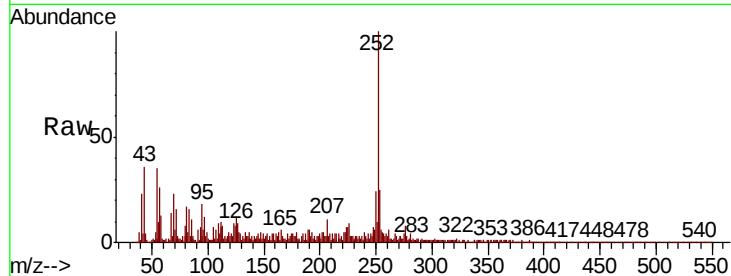
#88
Benzo(b)fluoranthene
Concen: 2.692 ng m
RT: 20.53 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BP001353.D
Acq: 20 Dec 2019 20:14

Instrument :
BNA_P
ClientSampleId :
HR-06-121819

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.8	26.6
125	11.9	6.3	9.5

Manual Integrations
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mohammad
12/23/2019 11:56:18 AM



#90
Benzo(a)pyrene
Concen: 2.116 ng
RT: 20.94 min Scan# 3205
Delta R.T. -0.01 min
Lab File: BP001353.D
Acq: 20 Dec 2019 20:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.5	17.7	26.5
125	11.3	6.3	9.5

