

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
 Data File : BP002919.D
 Acq On : 06 Aug 2020 14:41
 Operator : CG/JU
 Sample : L3548-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CRT-019

Manual Integrations
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mohammad
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Quant Time: Aug 06 16:43:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	348868	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	1394354	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	909689	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	2095780	20.00	ng	-0.01
76) Chrysene-d12	21.19	240	2626989	20.00	ng	0.00
86) Perylene-d12	23.46	264	2905647	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2980971	130.78	ng	0.00
7) Phenol-d6	6.89	99	3821732	120.76	ng	0.00
23) Nitrobenzene-d5	8.85	82	2169919	84.29	ng	-0.01
42) 2,4,6-Tribromophenol	15.84	330	1943175	171.87	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	5752530	86.40	ng	-0.01
79) Terphenyl-d14	19.68	244	9361164	71.34	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.80	163	459288	6.455	ng	100
75) Fluoranthene	19.12	202	642731	4.539	ng	98
78) Pyrene	19.47	202	646376	3.520	ng	96
80) Butylbenzylphthalate	20.36	149	18767	3.293	ng	95
81) Benzo(a)anthracene	21.17	228	503528	2.814	ng	99
83) Chrysene	21.23	228	548415	3.249	ng	98
88) Benzo(b)fluoranthene	22.77	252	982078	4.790	ng	99
89) Benzo(k)fluoranthene	22.81	252	451708m	2.331	ng	
90) Benzo(a)pyrene	23.35	252	577225	3.115	ng	98
92) Benzo(g,h,i)perylene	26.45	276	436152	2.277	ng	99

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

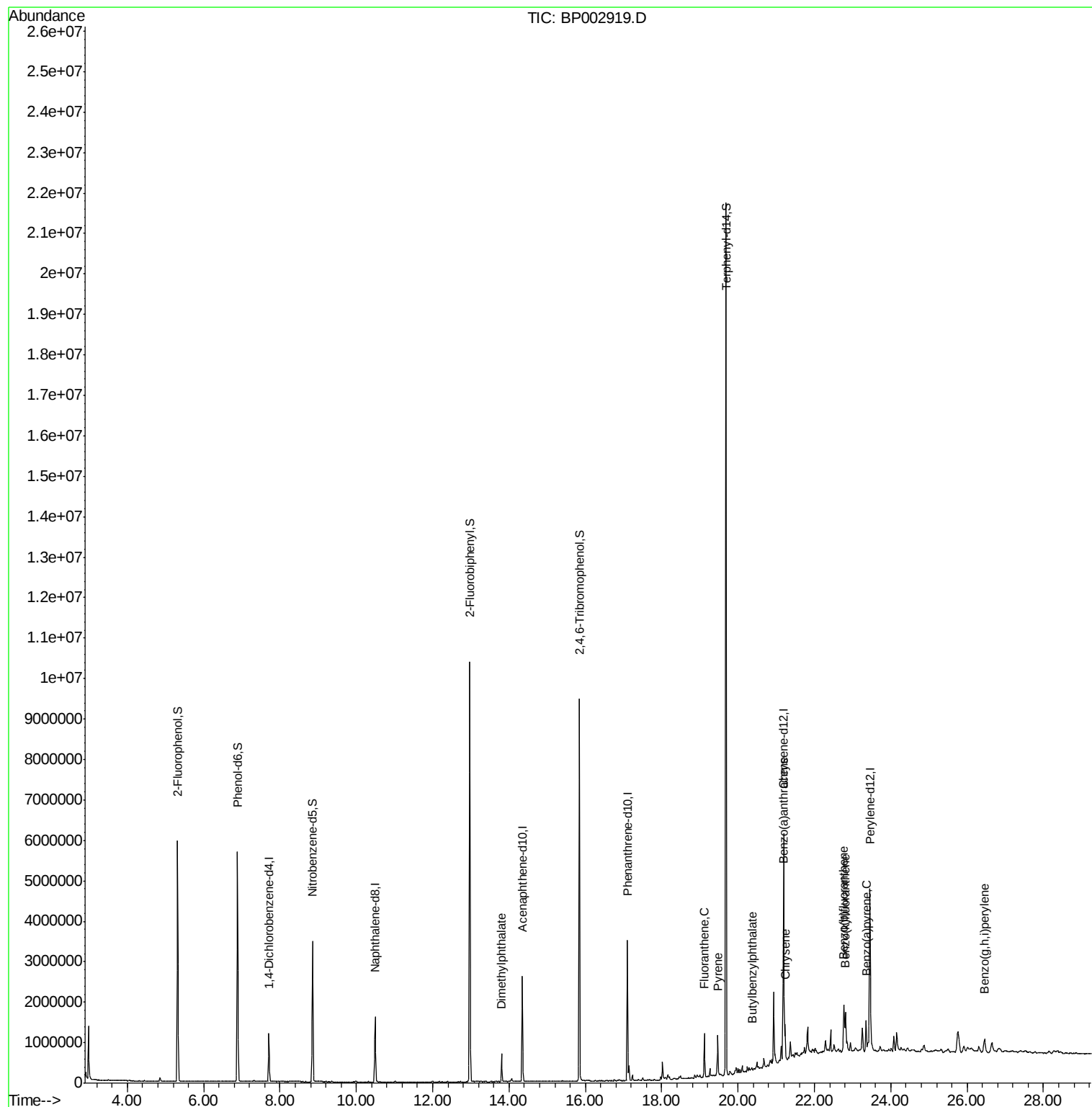
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Acq On : 06 Aug 2020 14:41
Operator : CG/JU
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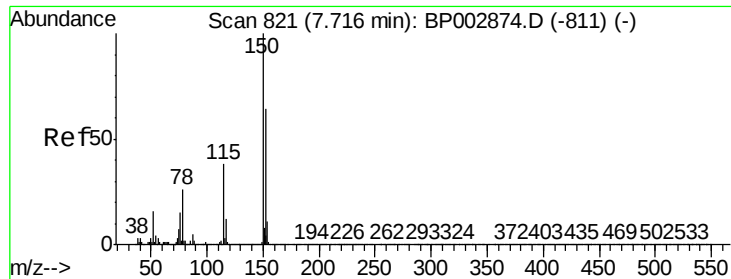
Instrument :
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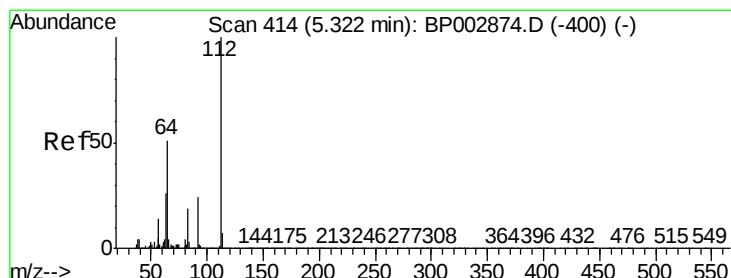
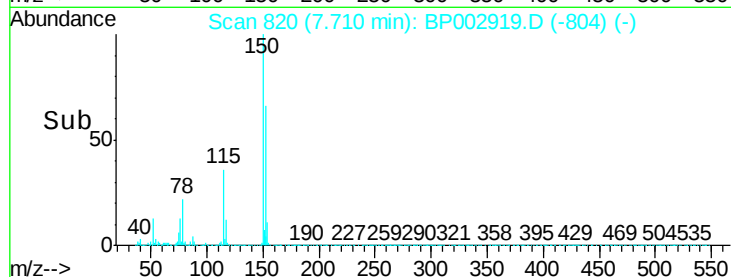
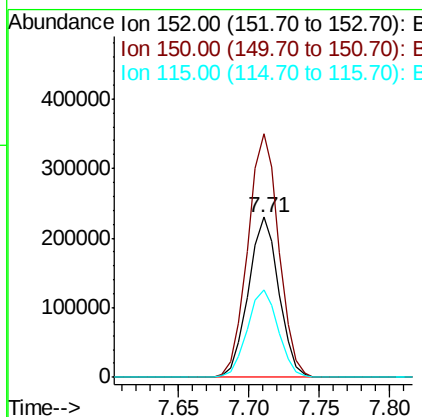
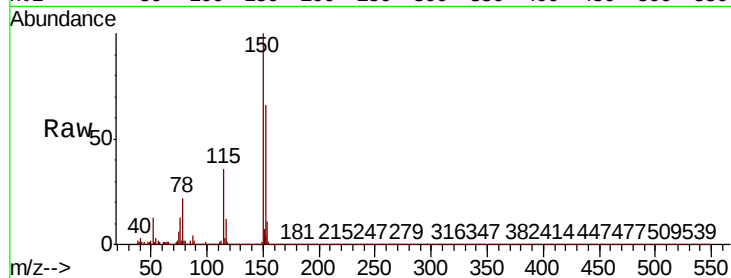
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.8	187.2
115	54.6	47.4	71.2

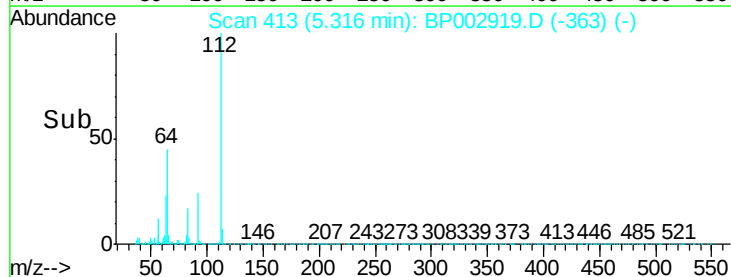
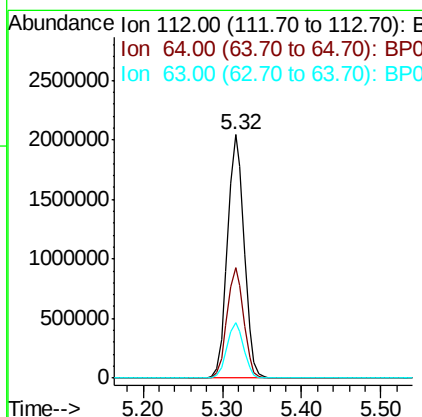
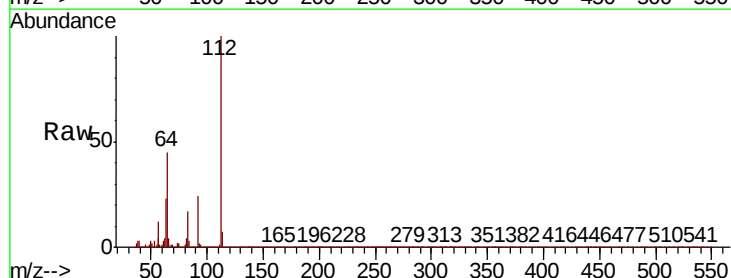
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#5
2-Fluorophenol
Concen: 130.776 ng
RT: 5.32 min Scan# 413
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.3	41.0	61.6
63	22.9	20.7	31.1





#7

Phenol-d6

Concen: 120.761 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP002919.D

Acq: 06 Aug 2020 14:41

Instrument :

BNA_P

ClientSampleId :

CRT-019

Tot Ion: 99 Resp: 3821732

Ion Ratio Lower Upper

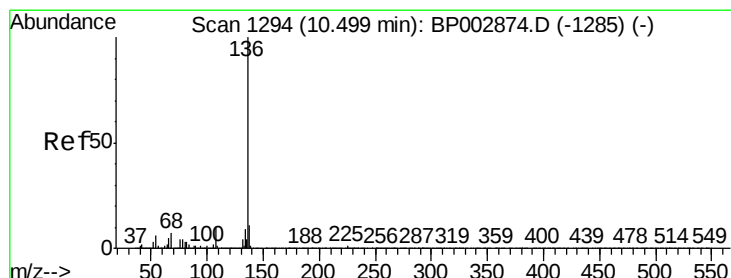
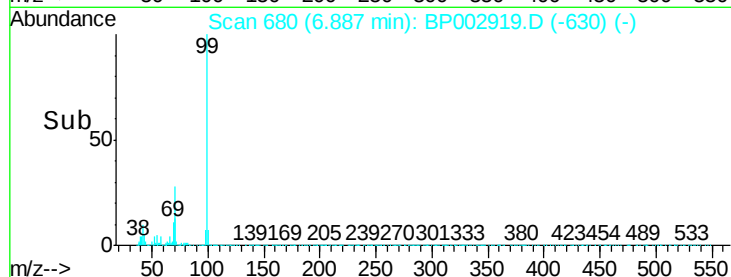
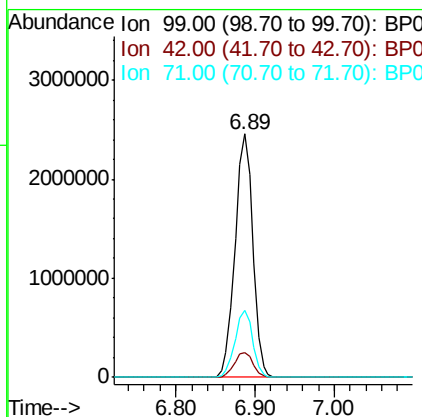
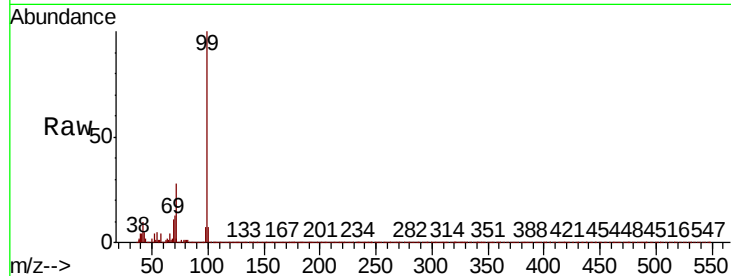
99 100

42 10.4 9.3 13.9

71 27.6 23.5 35.3

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.49 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BP002919.D

Acq: 06 Aug 2020 14:41

Tgt Ion: 136 Resp: 1394354

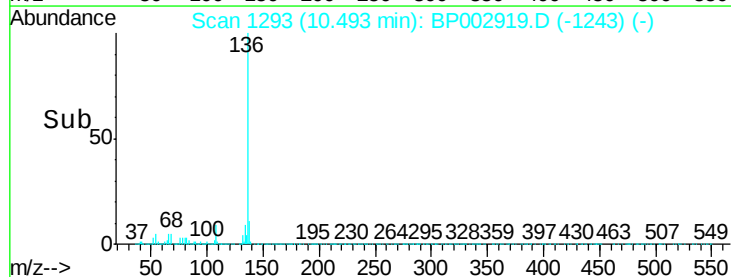
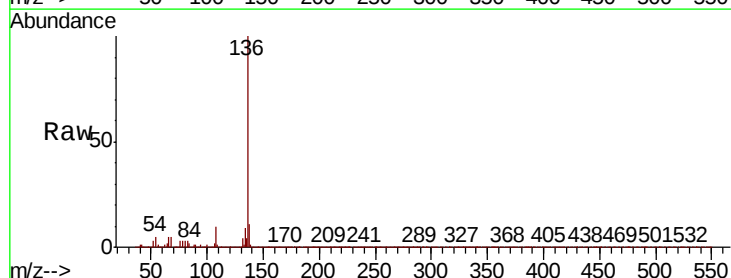
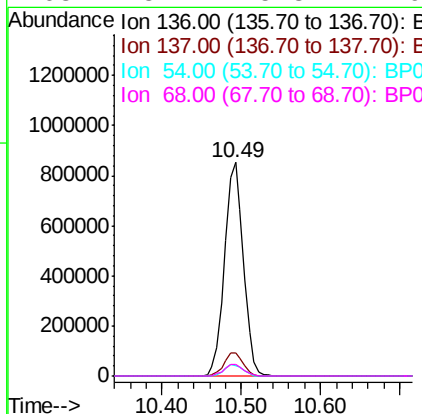
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 5.1 5.1 7.7#

68 5.4 5.3 7.9





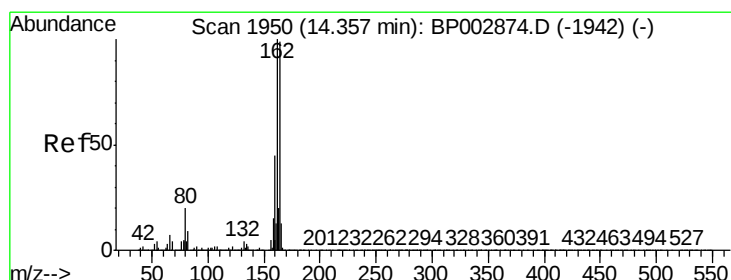
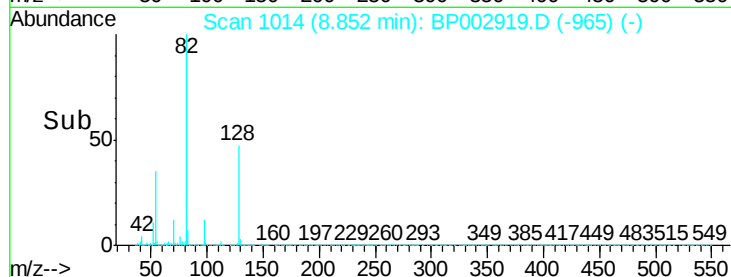
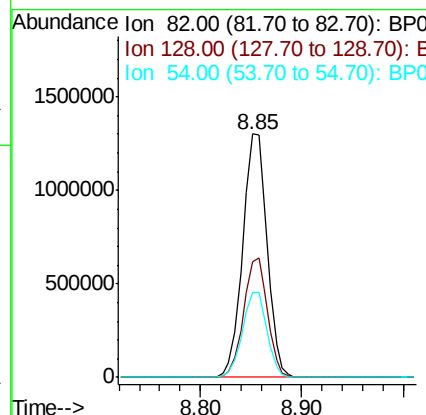
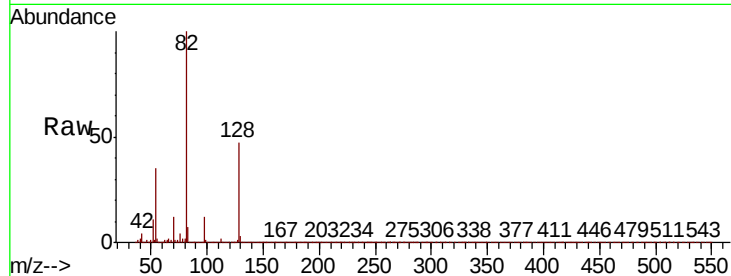
#23
Nitrobenzene-d5
Concen: 84.288 ng
RT: 8.85 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.6	52.0
54	35.1	29.5	44.3

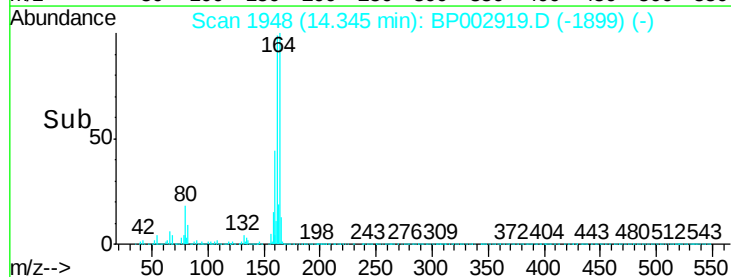
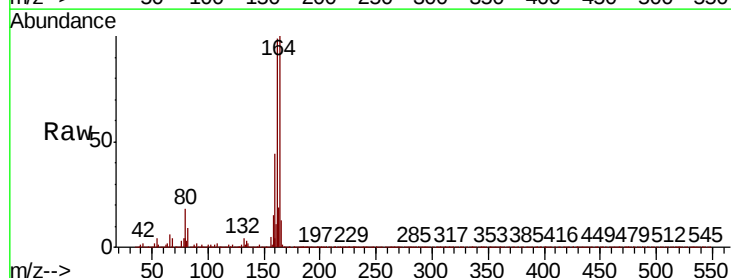
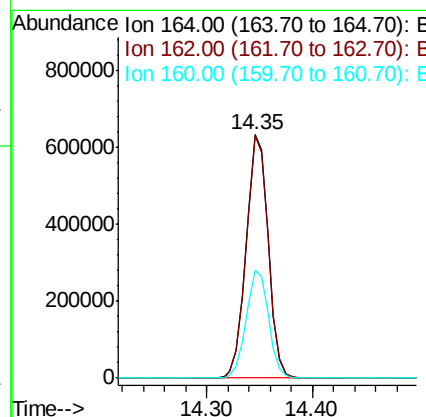
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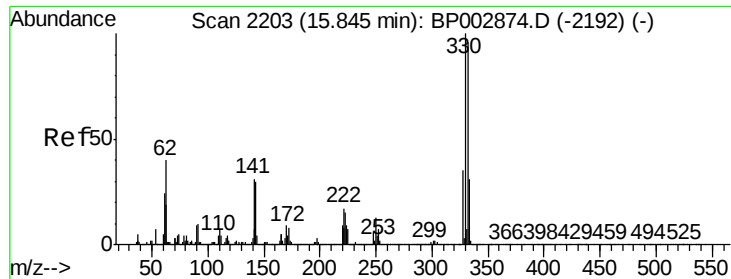
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	81.0	121.6
160	44.3	36.2	54.4





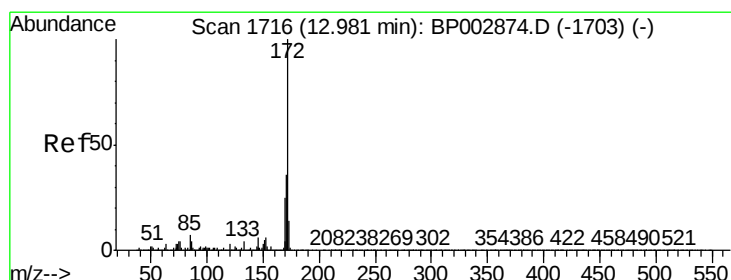
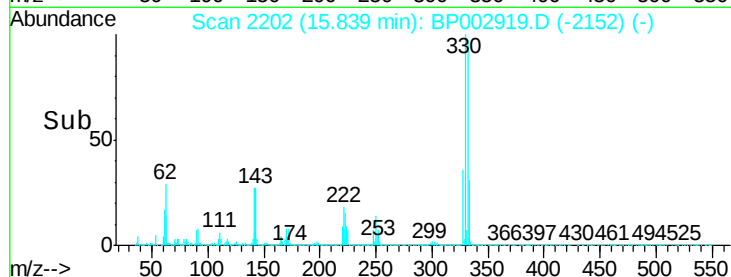
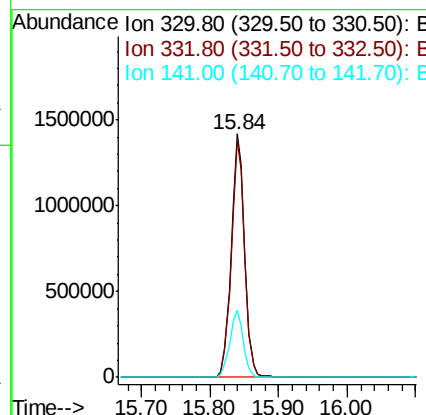
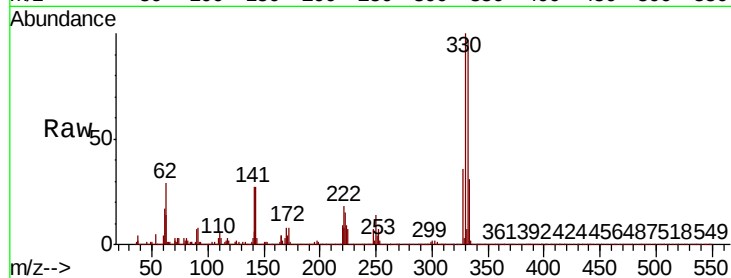
#42
2,4,6-Tribromophenol
Concen: 171.865 ng
RT: 15.84 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	28.2	24.6	37.0

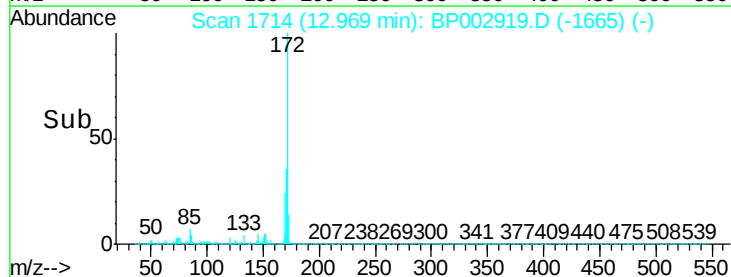
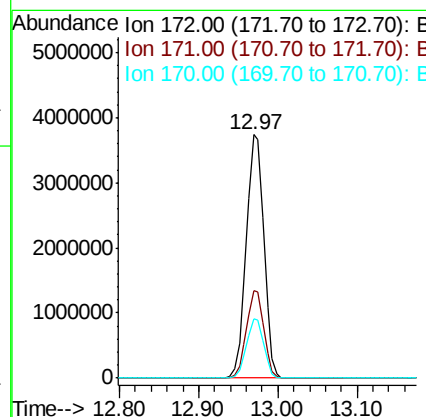
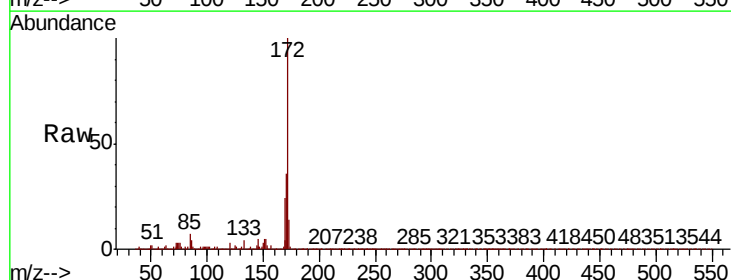
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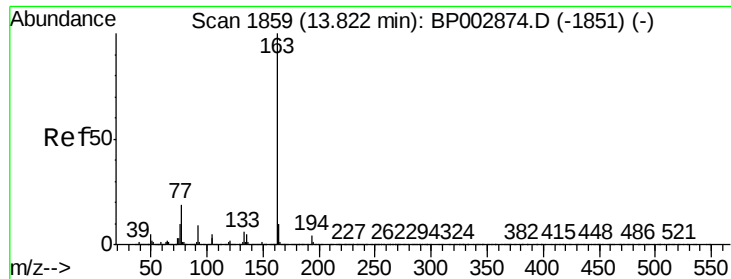
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#45
2-Fluorobiphenyl
Concen: 86.399 ng
RT: 12.97 min Scan# 1714
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.1	43.7
170	24.3	19.6	29.4





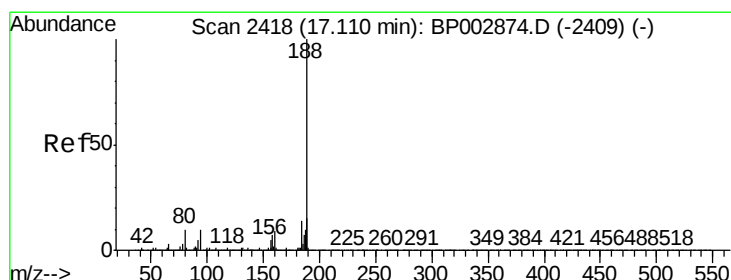
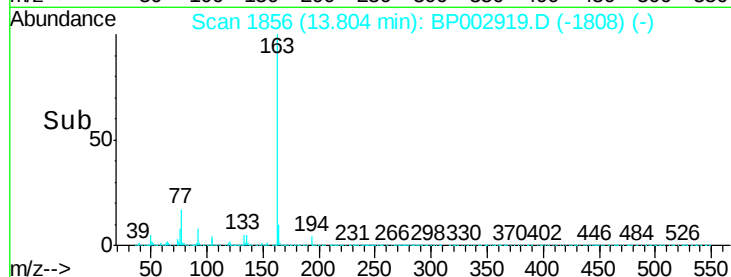
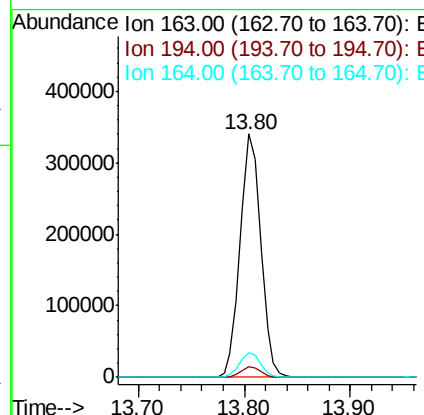
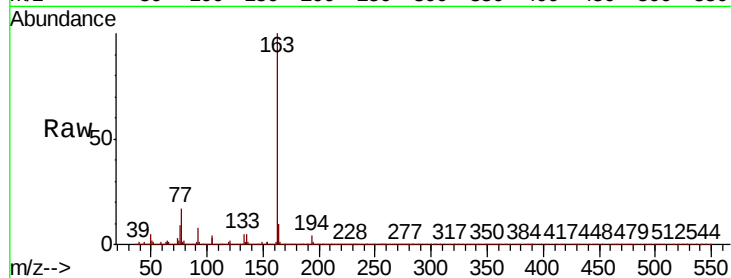
#50
Dimethylphthalate
Concen: 6.455 ng
RT: 13.80 min Scan# 1856
Delta R.T. -0.02 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.3	8.2	12.2

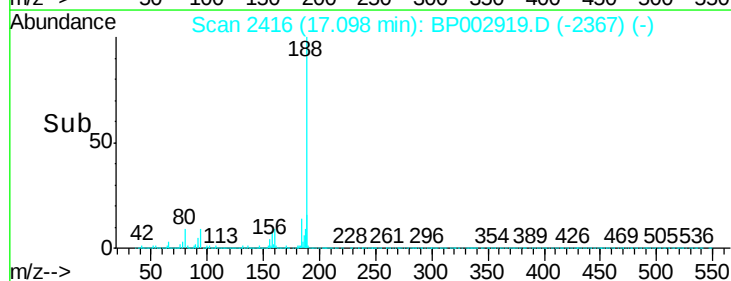
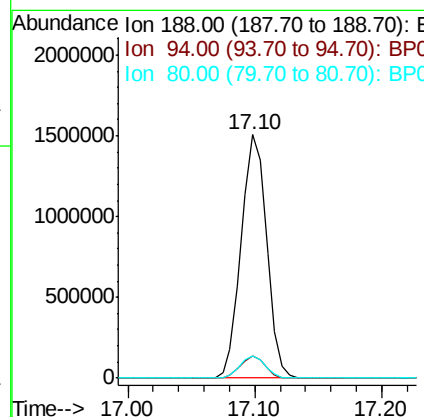
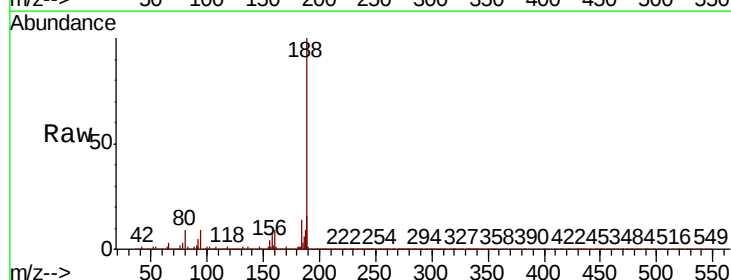
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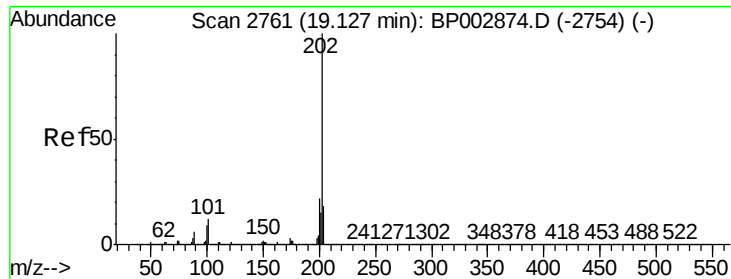
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.8	11.6
80	9.1	8.0	12.0





#75

Fluoranthene

Concen: 4.539 ng

RT: 19.12 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BP002919.D

Acq: 06 Aug 2020 14:41

Instrument :

BNA_P

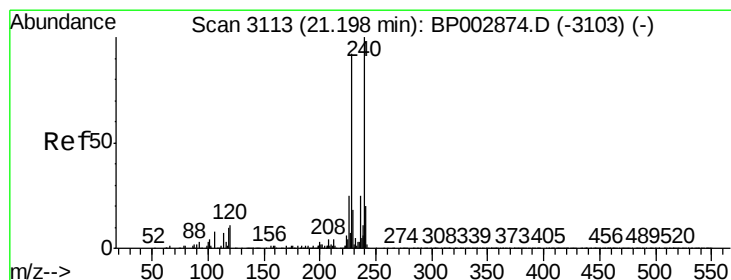
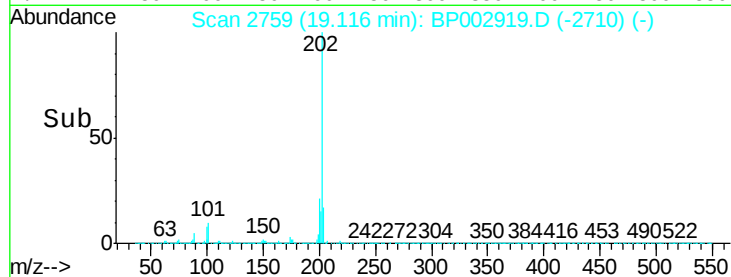
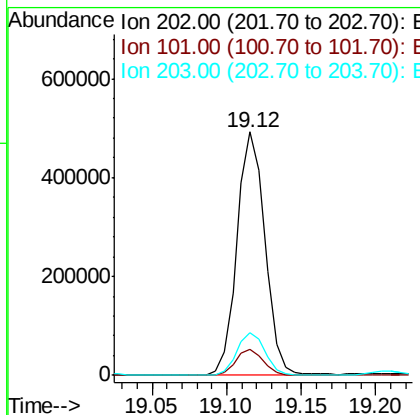
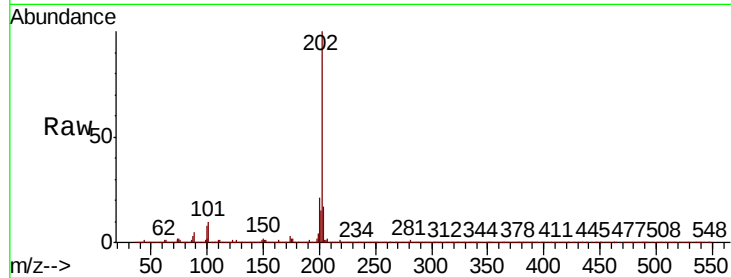
ClientSampleId :

CRT-019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		642731		
101	10.5	0.0	31.6		
203	17.4	0.0	38.4		

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#76

Chrysene-d12

Concen: 20.000 ng

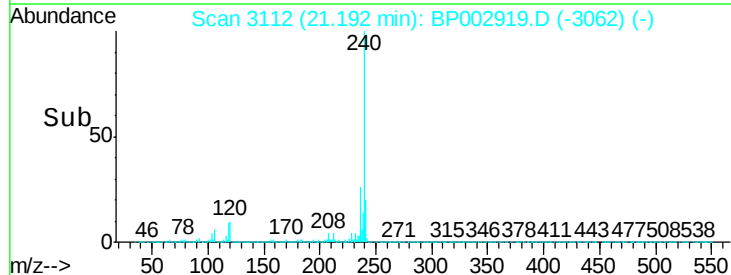
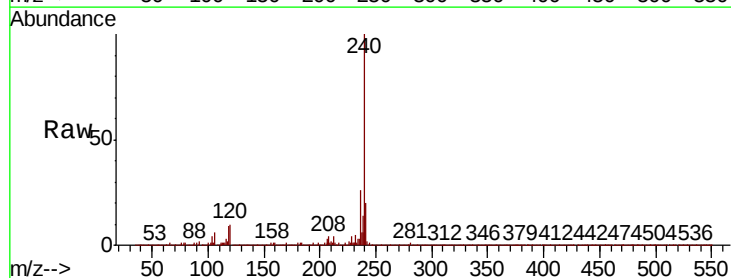
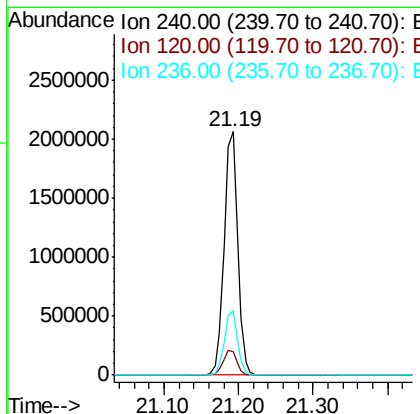
RT: 21.19 min Scan# 3112

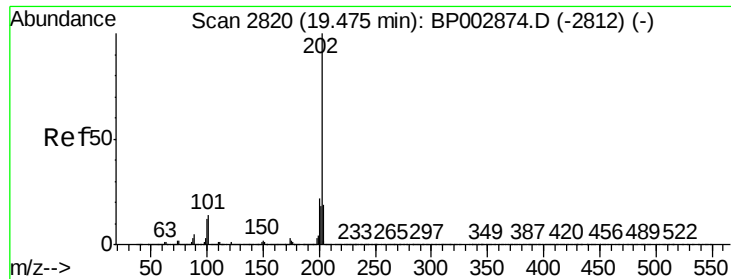
Delta R.T. -0.01 min

Lab File: BP002919.D

Acq: 06 Aug 2020 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		2626989		
120	9.7	8.9	13.3		
236	26.3	20.3	30.5		





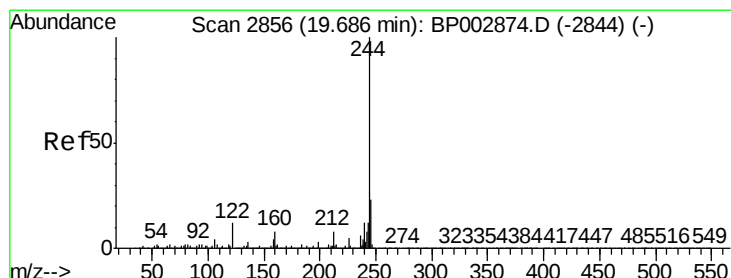
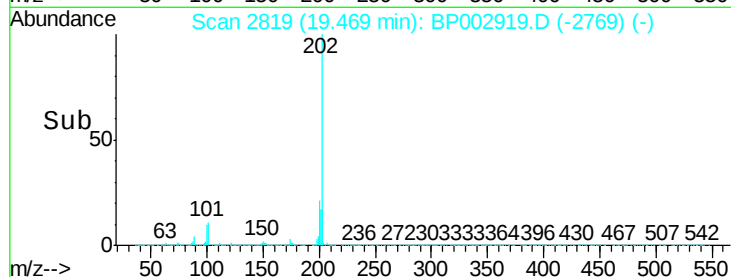
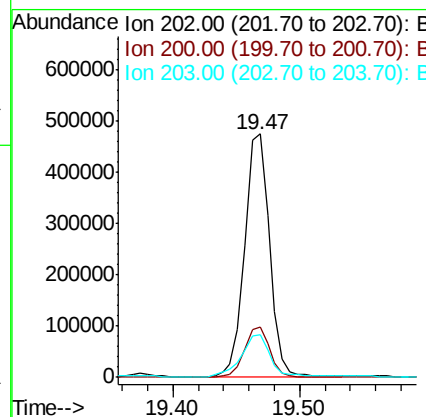
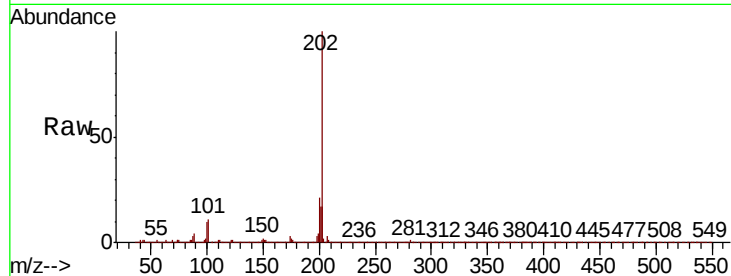
#78
Pvrene
Concen: 3.520 ng
RT: 19.47 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.9	26.9
203	17.4	15.1	22.7

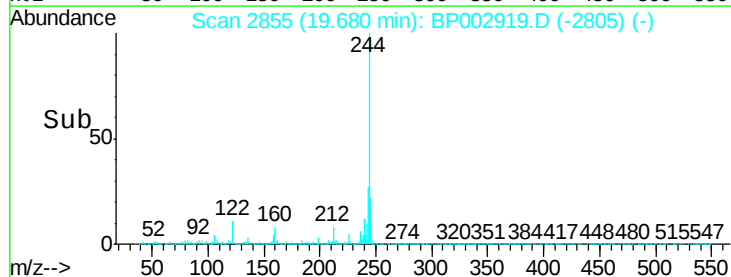
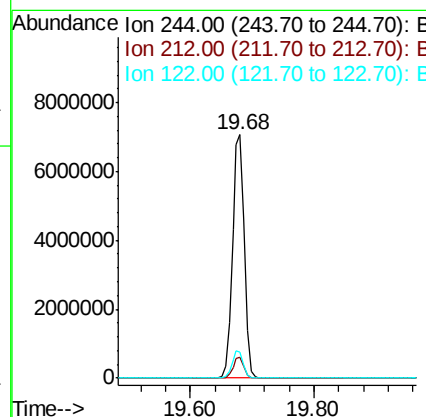
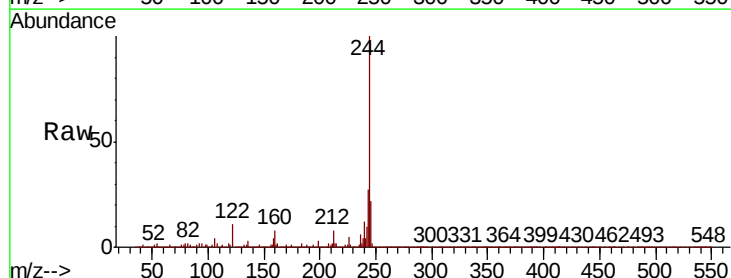
Manual Integrations
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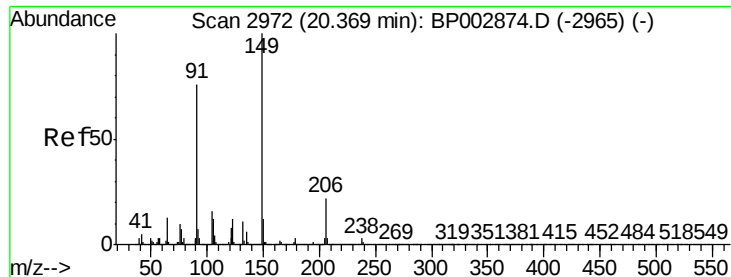
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#79
Terphenyl-d14
Concen: 71.339 ng
RT: 19.68 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.4	9.6
122	10.5	9.4	14.2





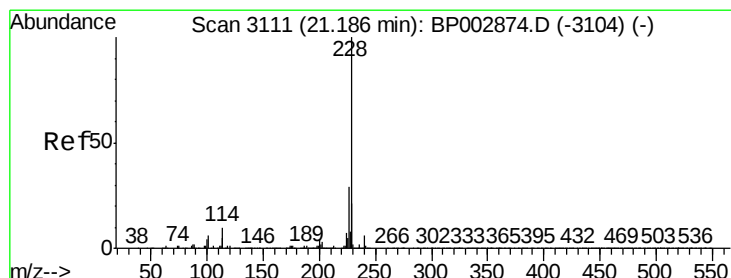
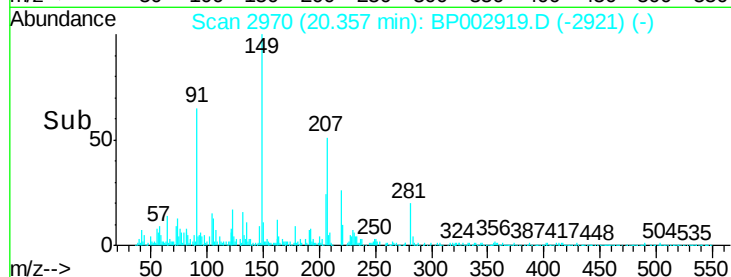
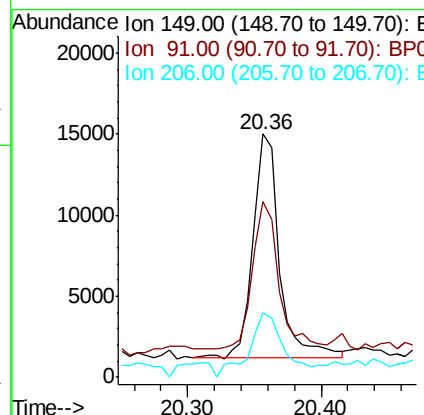
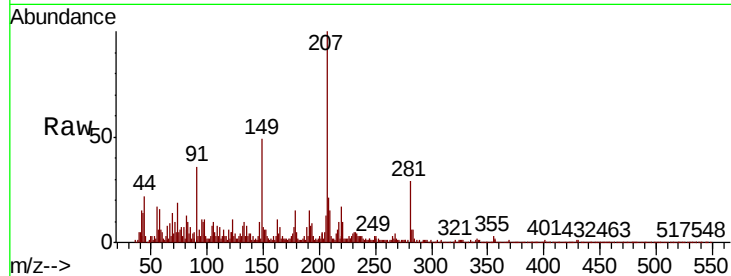
#80
Butylbenzylphthalate
Concen: 3.293 ng
RT: 20.36 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.1	60.5	90.7
206	26.3	17.5	26.3

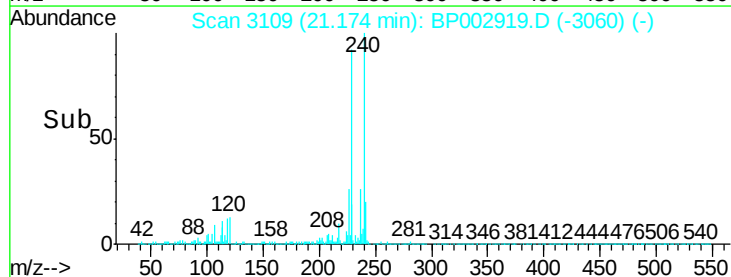
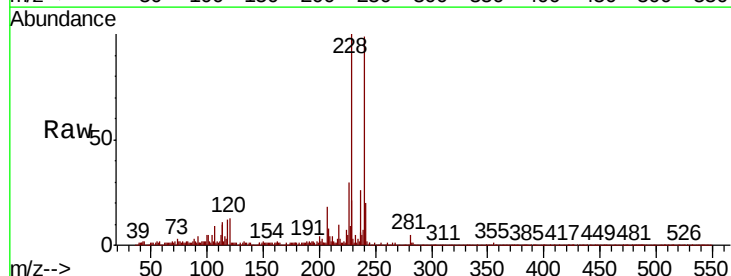
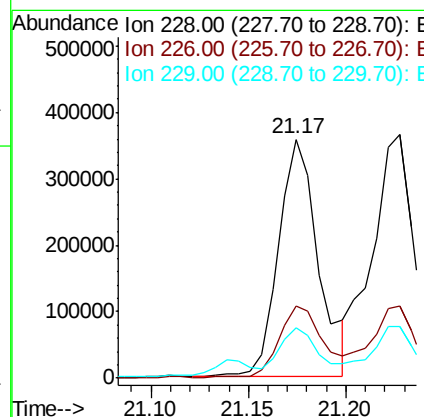
Manual Integrations
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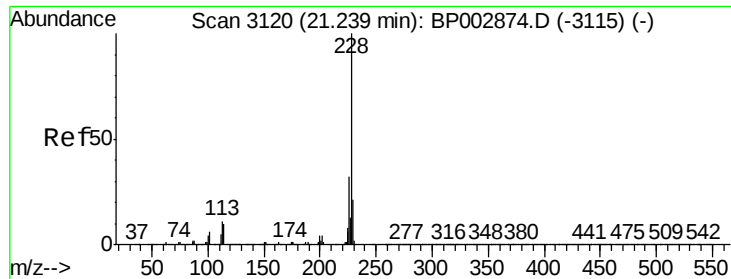
mohammad
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#81
Benzo(a)anthracene
Concen: 2.814 ng
RT: 21.17 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.3	34.9
229	21.0	16.9	25.3





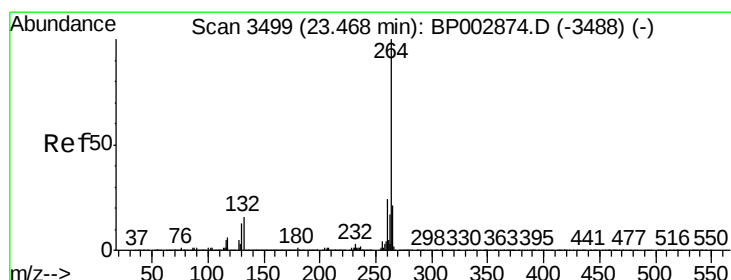
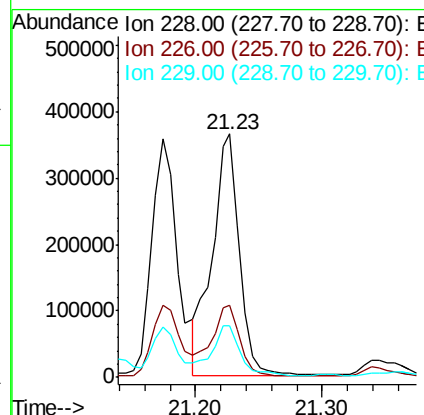
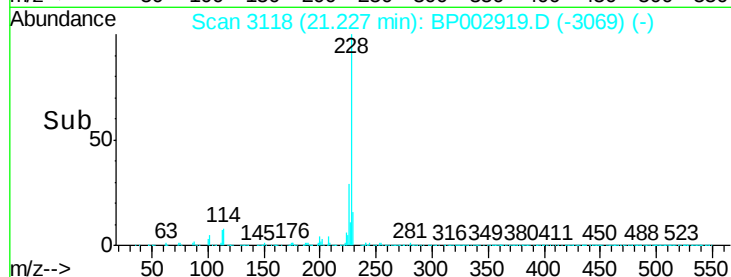
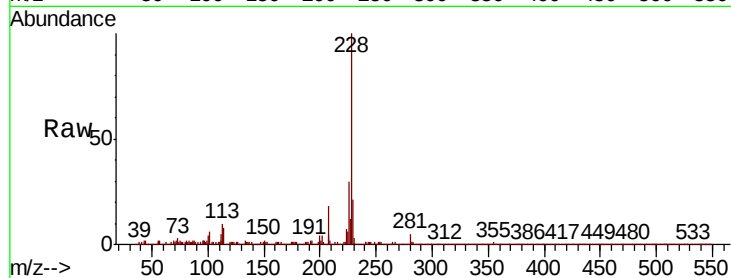
#83
Chrysene
Concen: 3.249 ng
RT: 21.23 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampled :
CRT-019

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.5	38.3
229	21.2	16.7	25.1

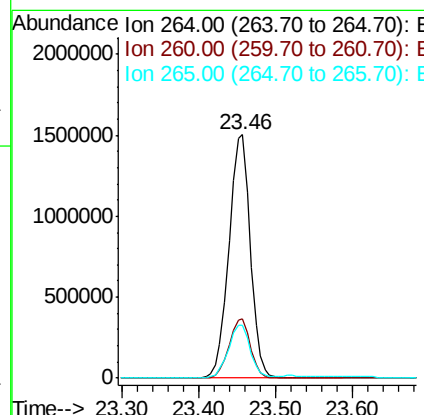
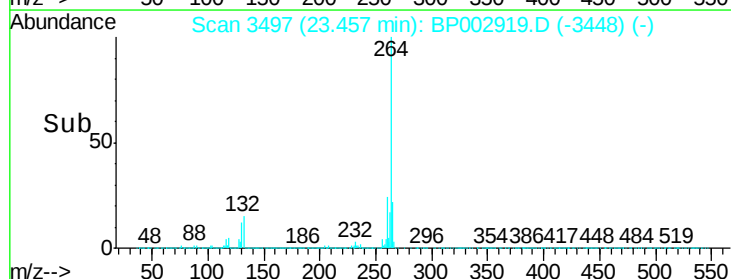
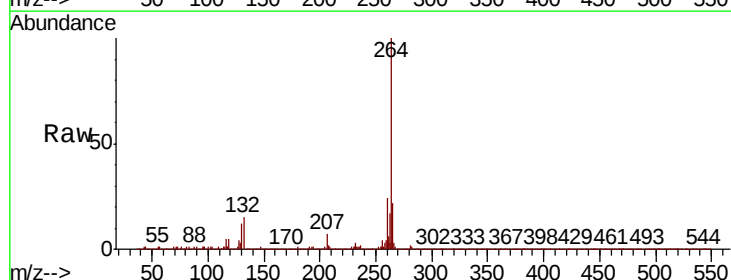
Manual Integrations
APPROVED

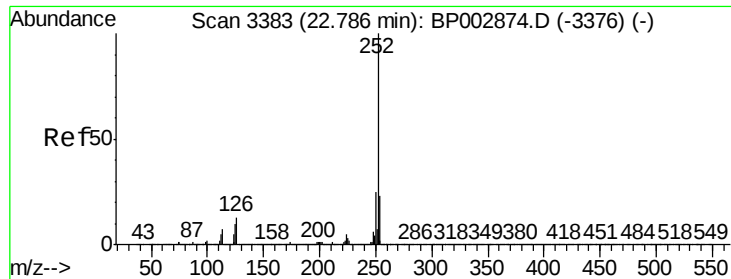
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3497
Delta R.T. -0.01 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.0	28.6
265	21.9	17.0	25.4





#88

Benzo(b)fluoranthene

Concen: 4.790 ng

RT: 22.77 min Scan# 3380

Delta R.T. -0.02 min

Lab File: BP002919.D

Acq: 06 Aug 2020 14:41

Instrument :

BNA_P

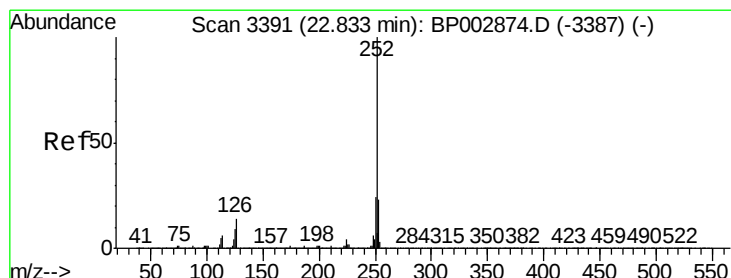
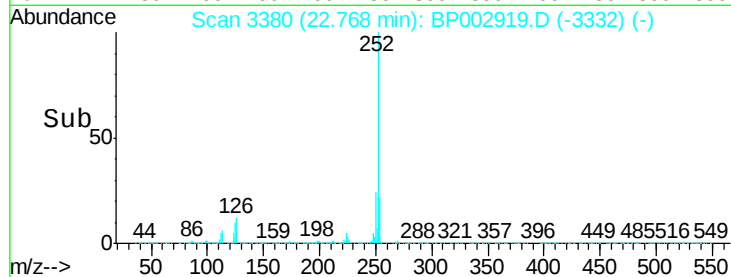
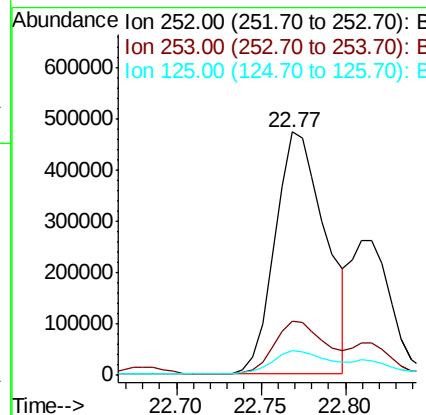
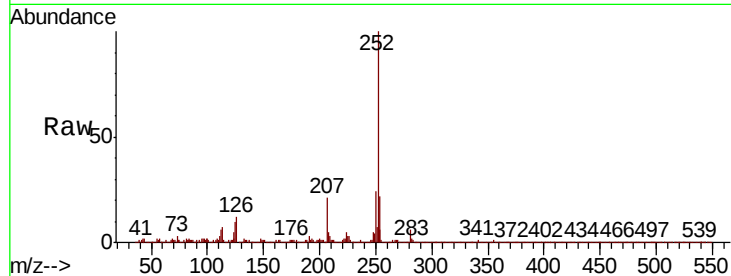
ClientSampleId :

CRT-019

Tot Ion:	252	Resp:	982078
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.3	27.5
125	10.1	7.8	11.8

Manual Integrations
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#89

Benzo(k)fluoranthene

Concen: 2.331 ng m

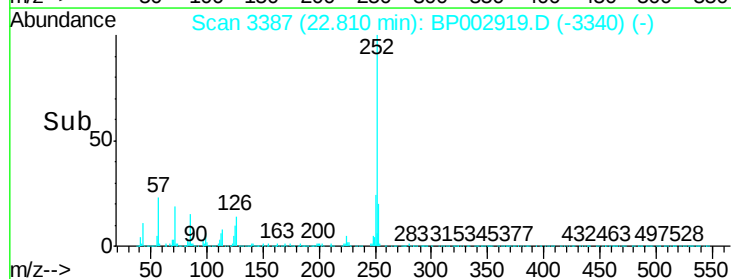
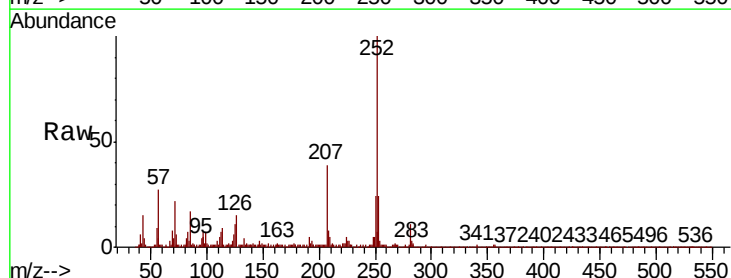
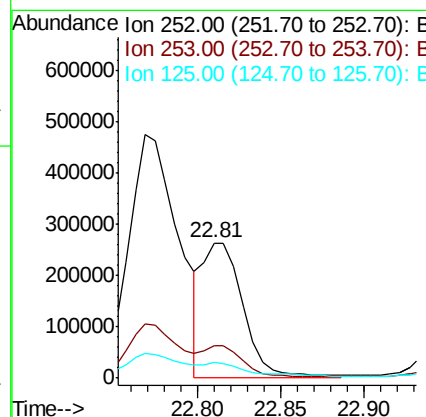
RT: 22.81 min Scan# 3387

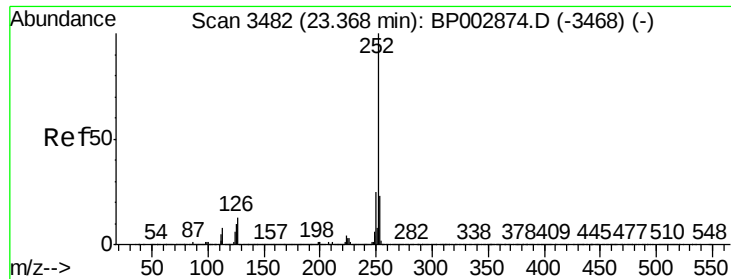
Delta R.T. -0.02 min

Lab File: BP002919.D

Acq: 06 Aug 2020 14:41

Tgt Ion:	252	Resp:	451708
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.1	27.1
125	11.5	7.5	11.3#





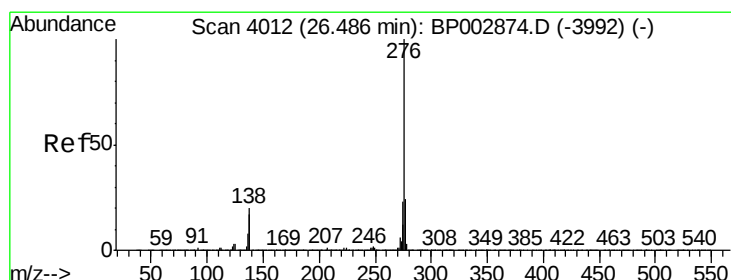
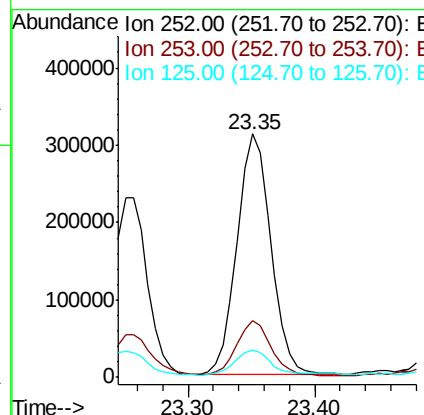
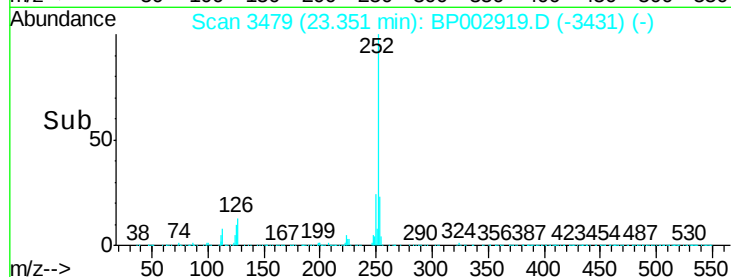
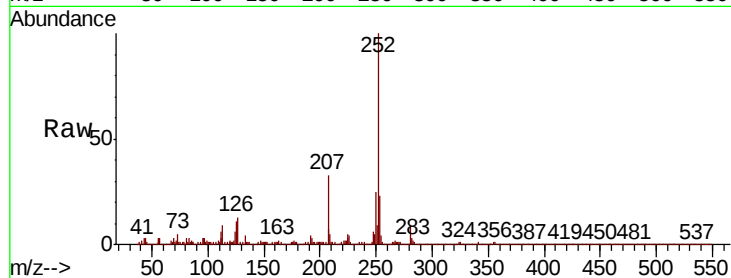
#90
Benzo(a)pyrene
Concen: 3.115 ng
RT: 23.35 min Scan# 3479
Delta R.T. -0.02 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Instrument :
BNA_P
ClientSampleId :
CRT-019

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	11.3	8.3	12.5

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#92
Benzo(g,h,i)perylene
Concen: 2.277 ng
RT: 26.45 min Scan# 4006
Delta R.T. -0.04 min
Lab File: BP002919.D
Acq: 06 Aug 2020 14:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	19.6	16.2	24.2

