

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
 Data File : BP002910.D
 Acq On : 05 Aug 2020 13:31
 Operator : CG/JU
 Sample : L3541-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TL-10

Manual Integrations
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mohammad
 8/6/2020 1:21:23 PM

Quant Time: Aug 05 14:09:05 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	7.72	152	520413	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	2113757	20.00	ng	0.00
39) Acenaphthene-d10	14.36	164	1201446	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	1724777	20.00	ng	0.00
76) Chrysene-d12	21.23	240	765659	20.00	ng	0.03
86) Perylene-d12	23.54	264	1049786	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	450071	13.24	ng	0.00
7) Phenol-d6	6.89	99	586892	12.43	ng	0.00
23) Nitrobenzene-d5	8.86	82	360232	9.23	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	214244	14.35	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	968465	11.01	ng	0.00
79) Terphenyl-d14	19.70	244	501676	13.12	ng	0.02
Target Compounds						
71) Phenanthrene	17.16	178	392472	3.880	ng	# 45
75) Fluoranthene	19.14	202	406695	3.490	ng	# 62
78) Pyrene	19.50	202	979295	18.296	ng	# 85
83) Chrysene	21.25	228	840148	17.077	ng	# 55
88) Benzo(b)fluoranthene	22.85	252	358790m	4.843	ng	
90) Benzo(a)pyrene	23.44	252	203410	3.039	ng	# 1
92) Benzo(g,h,i)perylene	26.62	276	308341	4.456	ng	# 39

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

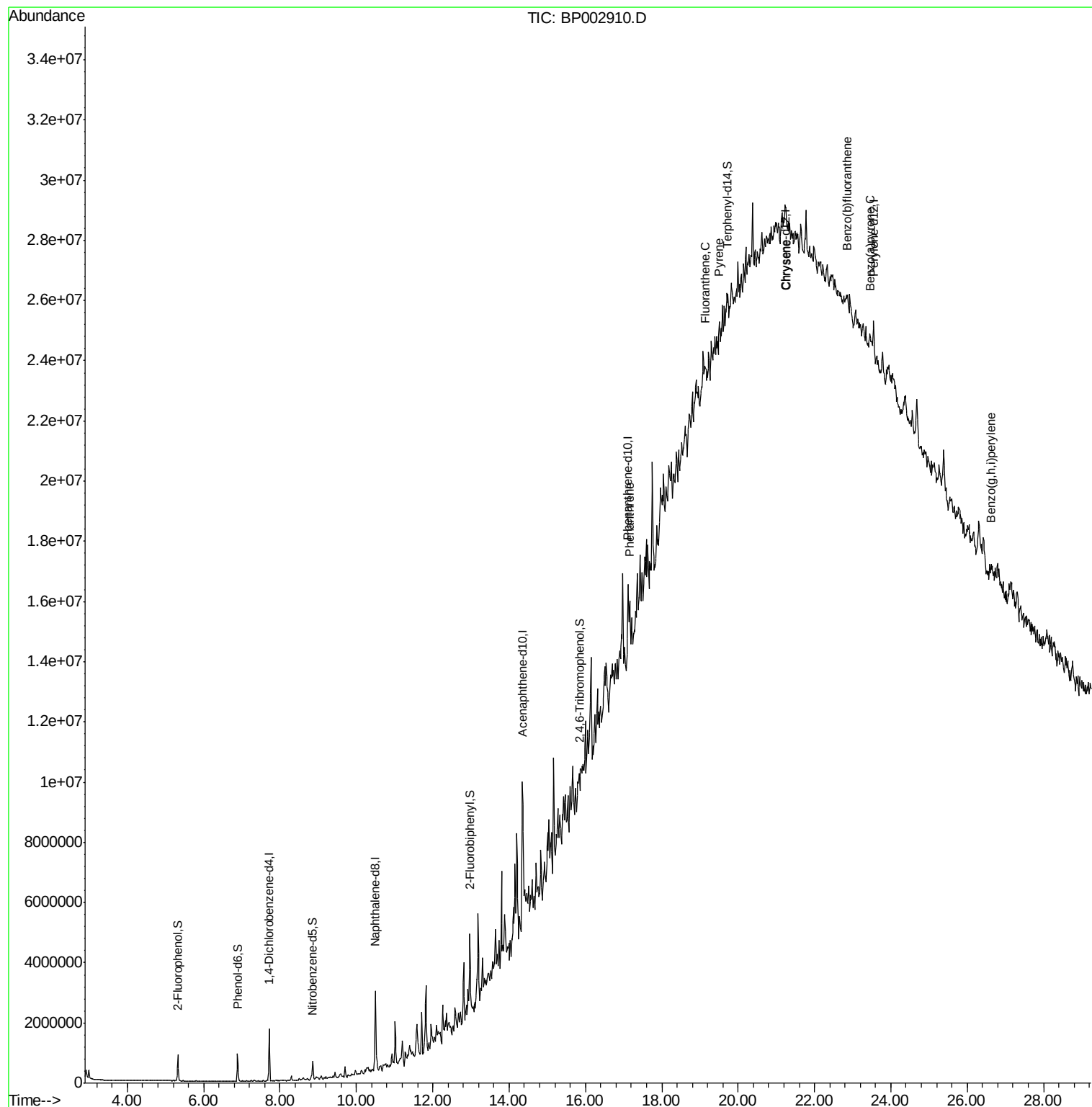
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080520\
Data File : BP002910.D
Acq On : 05 Aug 2020 13:31
Operator : CG/JU
Sample : L3541-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

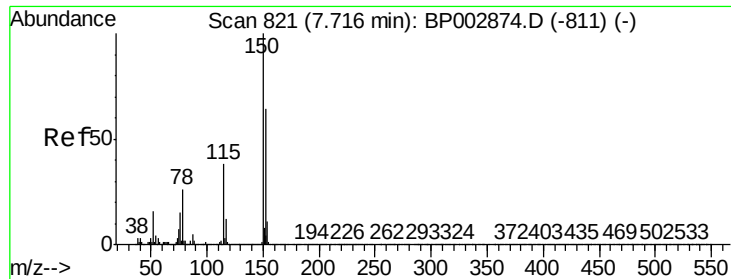
Instrument :
BNA_P
ClientSampled :
TL-10

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Quant Time: Aug 05 14:09:05 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





#1

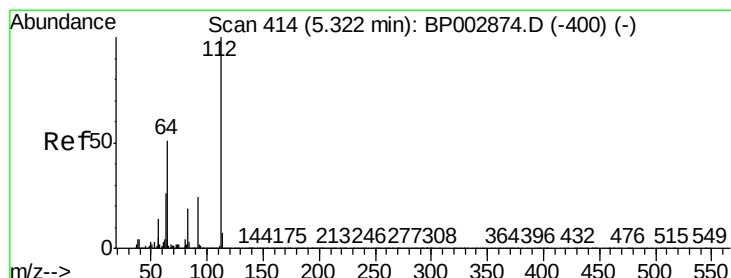
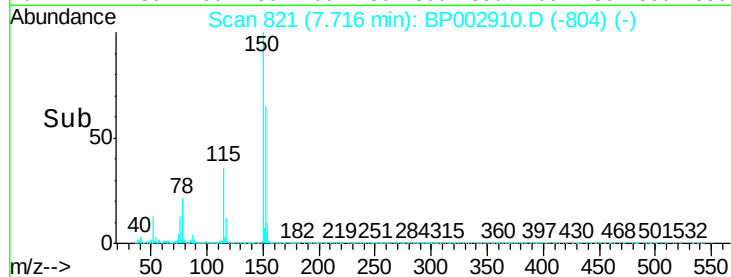
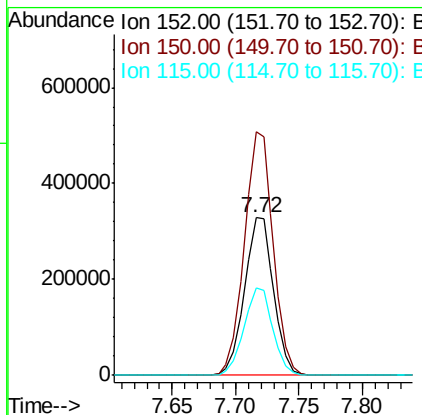
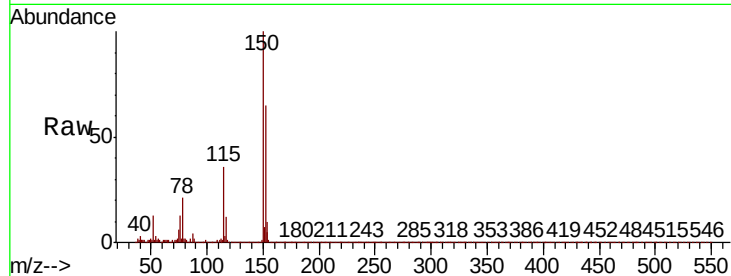
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. -0.00 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Instrument :
BNA_P
ClientSampled :
TL-10

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.8	187.2
115	55.2	47.4	71.2

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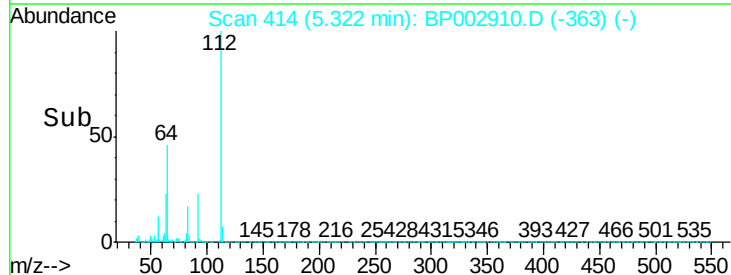
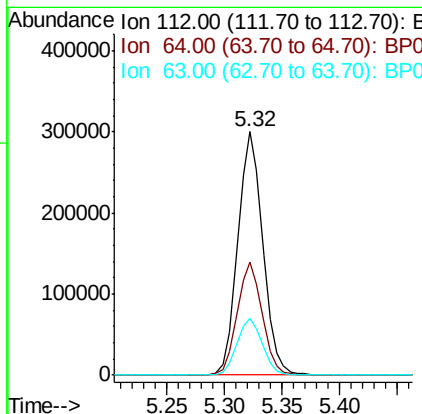
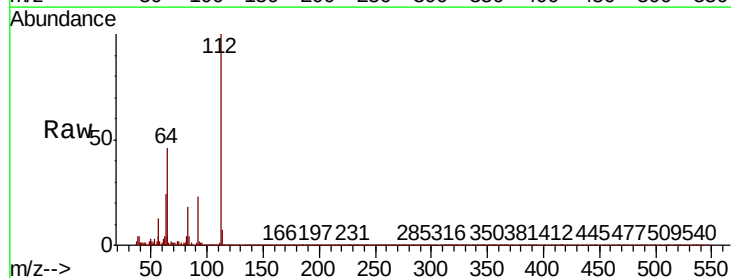
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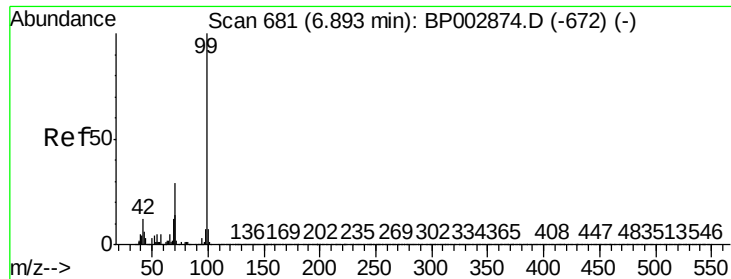


#5

2-Fluorophenol
Concen: 13.236 ng
RT: 5.32 min Scan# 414
Delta R.T. -0.00 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.2	41.0	61.6
63	23.5	20.7	31.1





#7

Phenol-d6

Concen: 12.432 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP002910.D

Acq: 05 Aug 2020 13:31

Instrument :

BNA_P

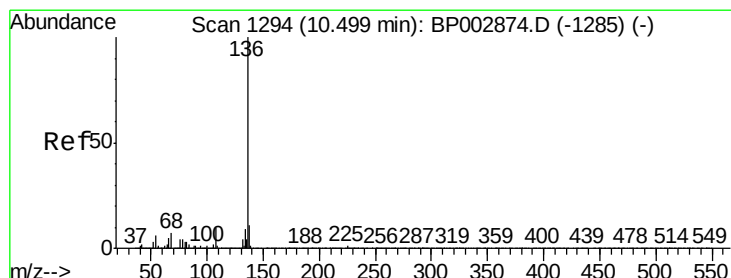
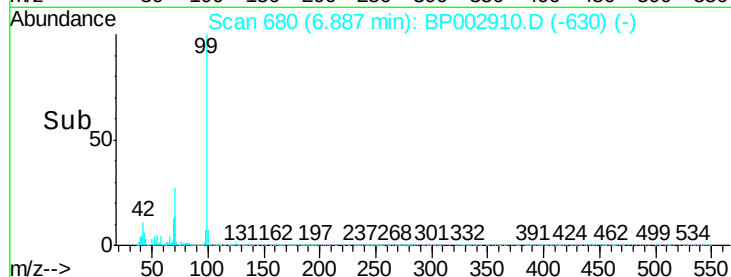
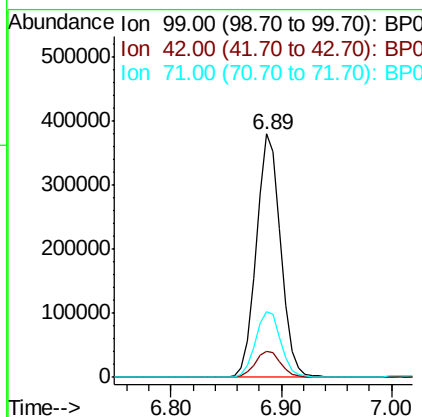
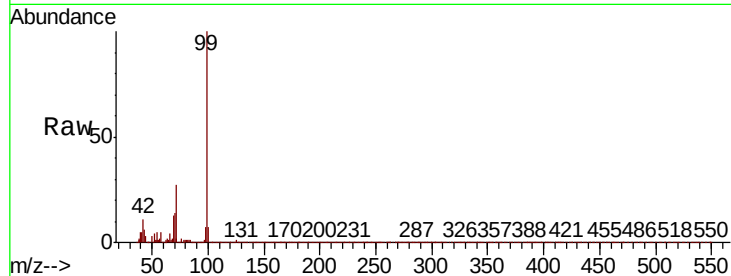
ClientSampled :

TL-10

Tot Ion:	99	Resp:	586892
Ion Ratio	Lower	Upper	
99	100		
42	10.9	9.3	13.9
71	27.1	23.5	35.3

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#21

Naphthalene-d8

Concen: 20.000 ng

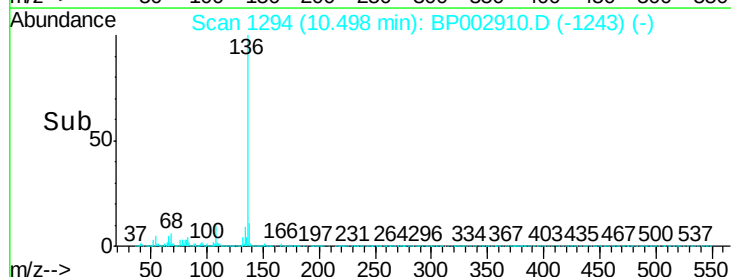
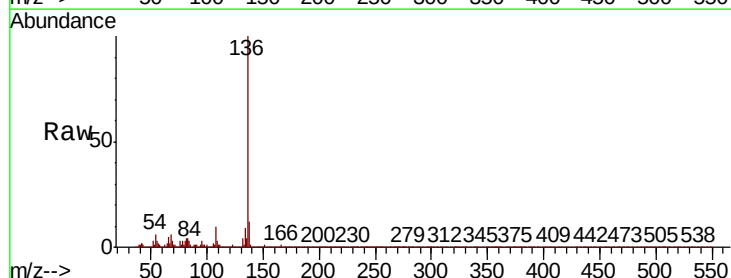
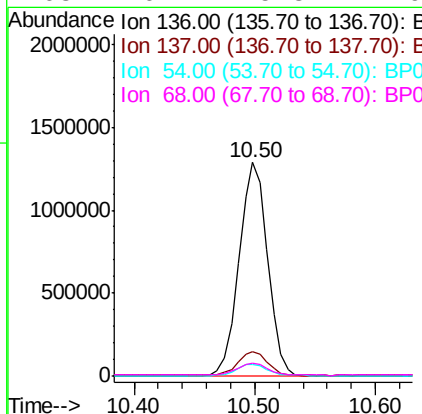
RT: 10.50 min Scan# 1294

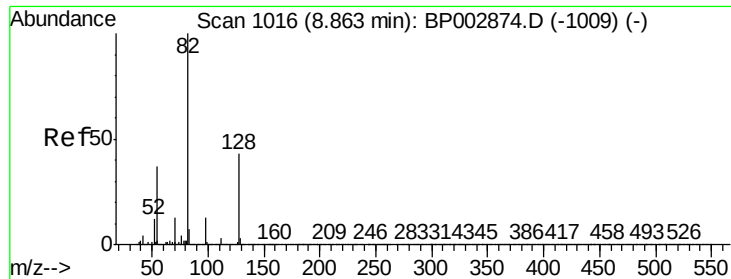
Delta R.T. -0.00 min

Lab File: BP002910.D

Acq: 05 Aug 2020 13:31

Tgt Ion:	136	Resp:	2113757
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.6	13.0
54	5.6	5.1	7.7
68	6.1	5.3	7.9





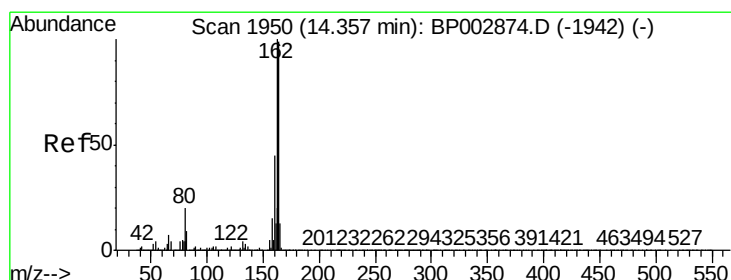
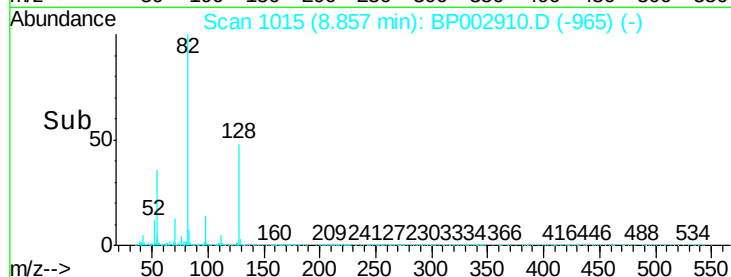
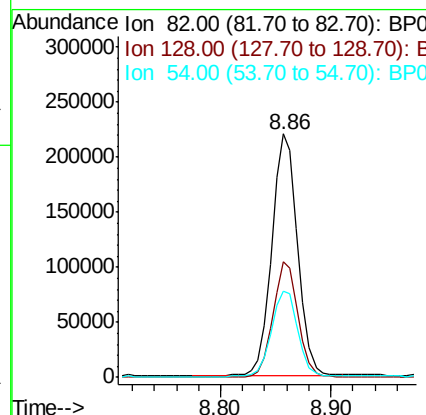
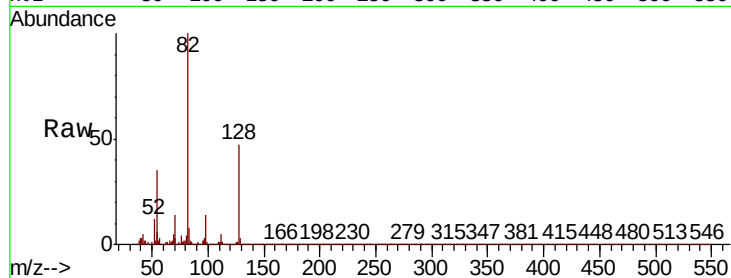
#23
Nitrobenzene-d5
Concen: 9.230 ng
RT: 8.86 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Instrument :
BNA_P
ClientSampled :
TL-10

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.6	52.0
54	35.5	29.5	44.3

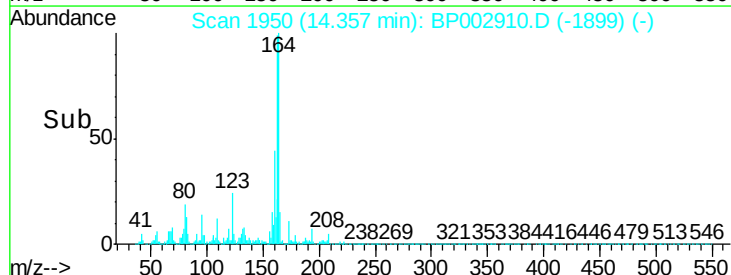
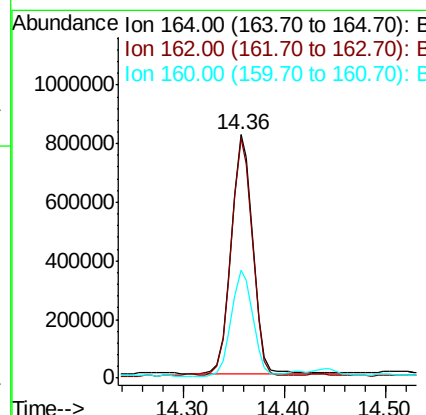
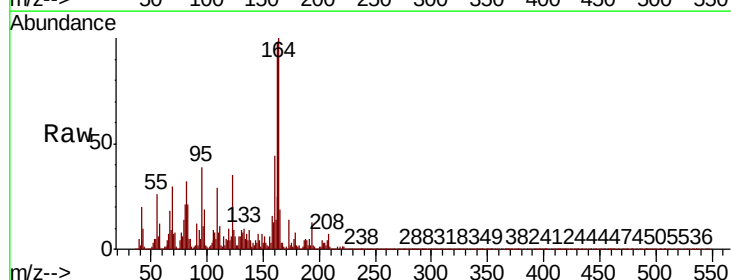
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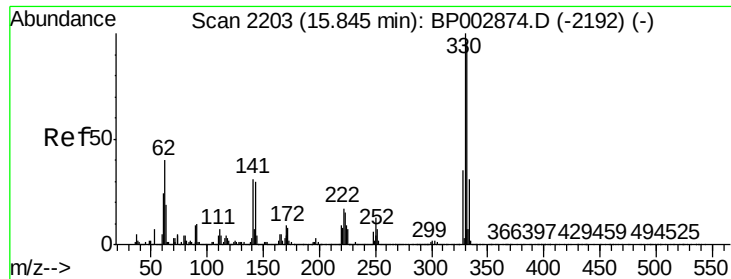
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.3	81.0	121.6
160	44.4	36.2	54.4





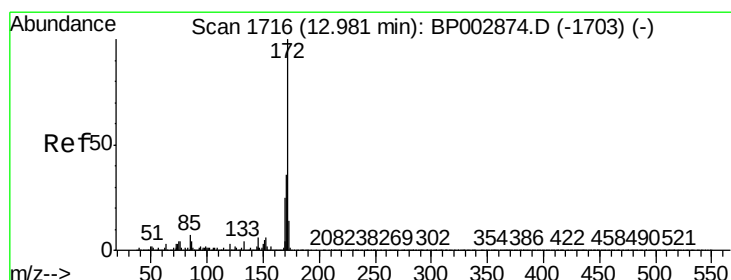
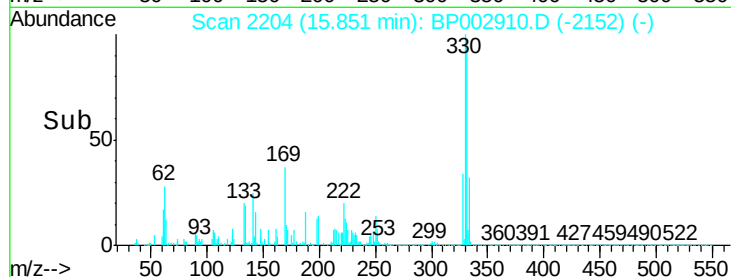
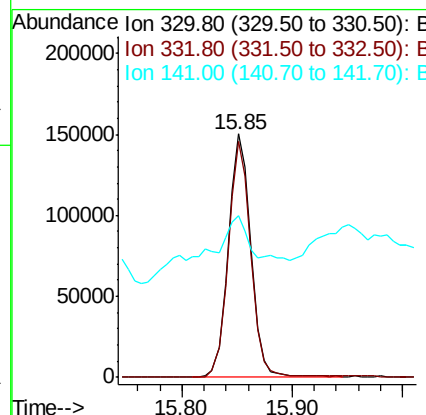
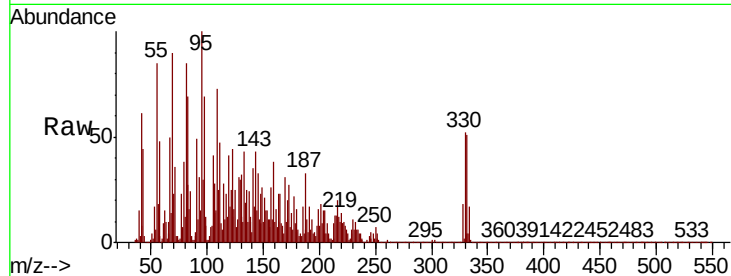
#42
2,4,6-Tribromophenol
Concen: 14.347 ng
RT: 15.85 min Scan# 2204
Delta R.T. 0.01 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Instrument :
BNA_P
ClientSampled :
TL-10

Tot Ion	Ratio	Resp	Lower	Upper
330	100	214244		
332	95.9	77.1	115.7	
141	20.5	24.6	37.0	

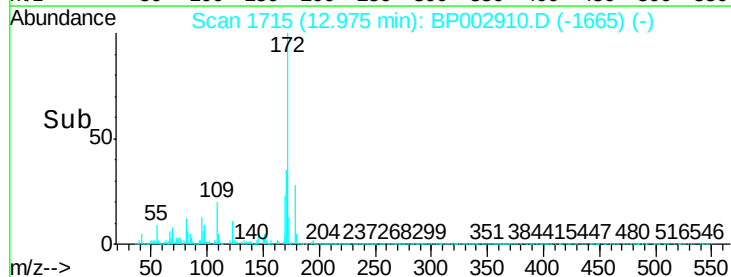
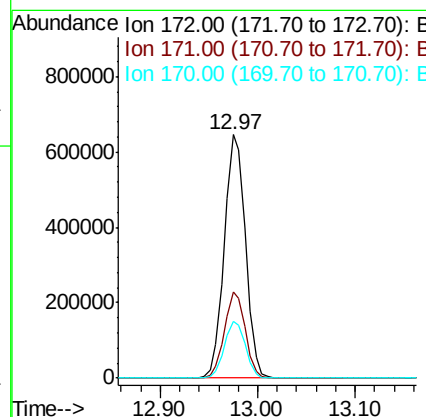
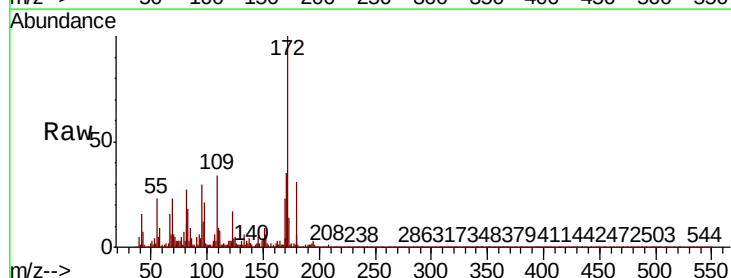
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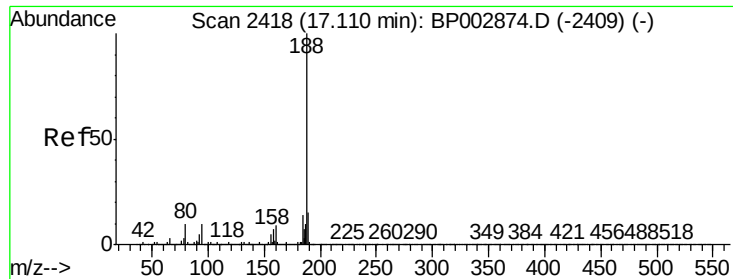
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#45
2-Fluorobiphenyl
Concen: 11.013 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	968465		
171	35.2	29.1	43.7	
170	23.1	19.6	29.4	





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2419

Delta R.T. 0.01 min

Lab File: BP002910.D

Acq: 05 Aug 2020 13:31

Instrument :

BNA_P

ClientSampled :

TL-10

Tot Ion:188 Resp: 1724777

Ion Ratio Lower Upper

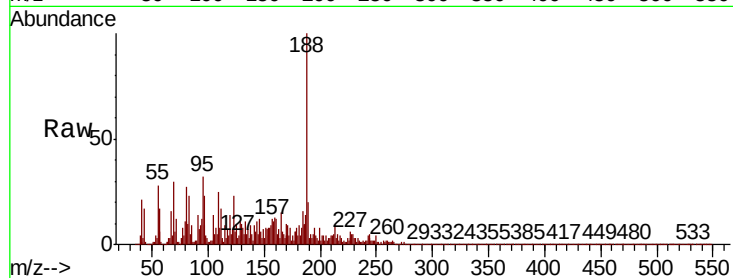
188 100

94 11.7 7.8 11.6#

80 10.7 8.0 12.0

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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

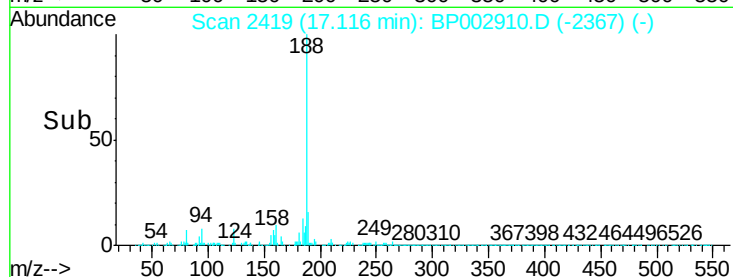
1500000

1000000

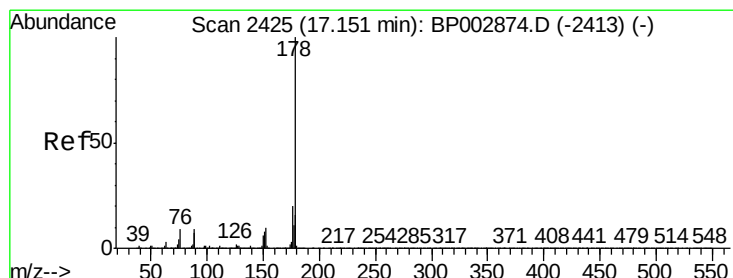
500000

0

17.05 17.10 17.15 17.20



Time-->



#71

Phenanthrene

Concen: 3.880 ng

RT: 17.16 min Scan# 2426

Delta R.T. 0.01 min

Lab File: BP002910.D

Acq: 05 Aug 2020 13:31

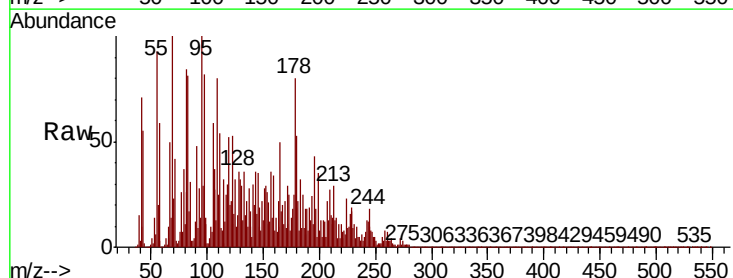
Tgt Ion:178 Resp: 392472

Ion Ratio Lower Upper

178 100

176 22.5 16.1 24.1

179 66.2 13.0 19.4#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

400000

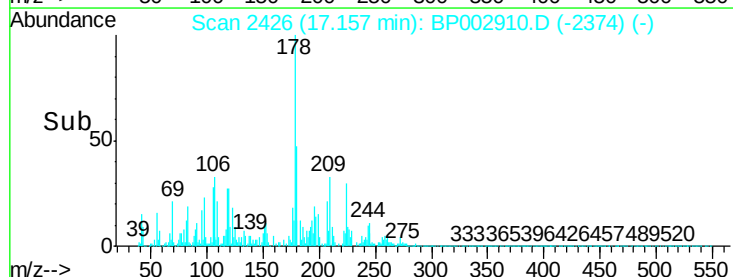
300000

200000

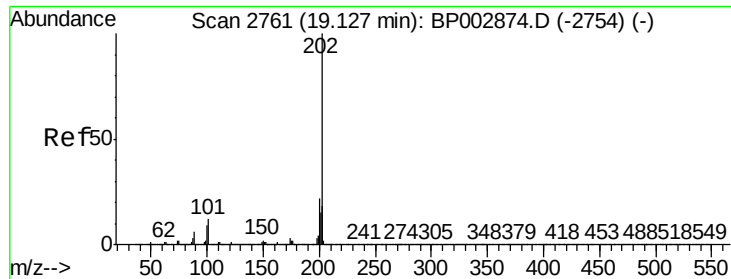
100000

0

17.10 17.15 17.20



Time-->



#75

Fluoranthene

Concen: 3.490 ng

RT: 19.14 min Scan# 2764

Delta R.T. 0.02 min

Lab File: BP002910.D

Acq: 05 Aug 2020 13:31

Instrument :

BNA_P

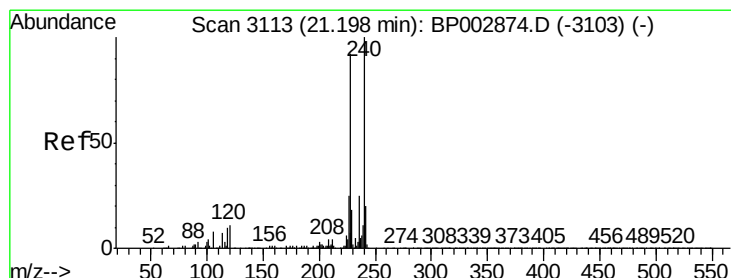
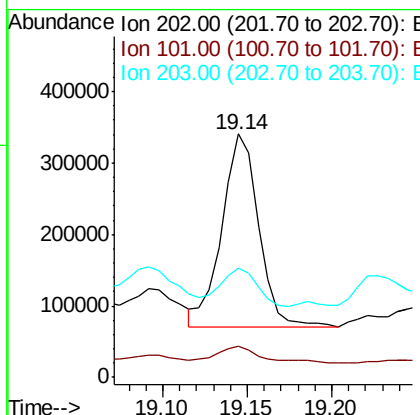
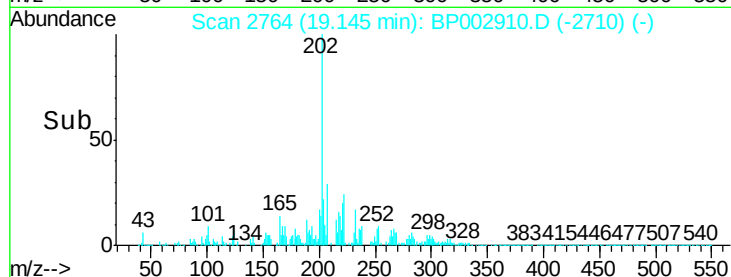
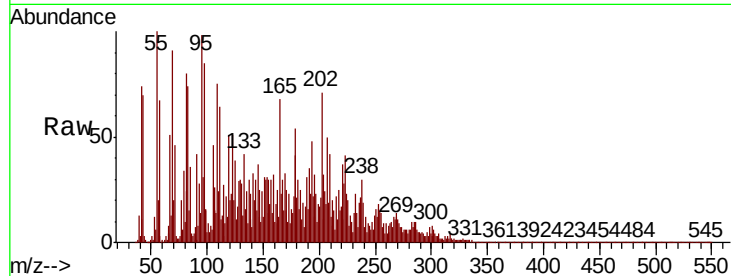
ClientSampleId :

TL-10

Tot Ion:	202	Resp:	406695
Ion Ratio		Lower	Upper
202	100		
101	12.9	0.0	31.6
203	44.9	0.0	38.4#

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#76

Chrysene-d12

Concen: 20.000 ng

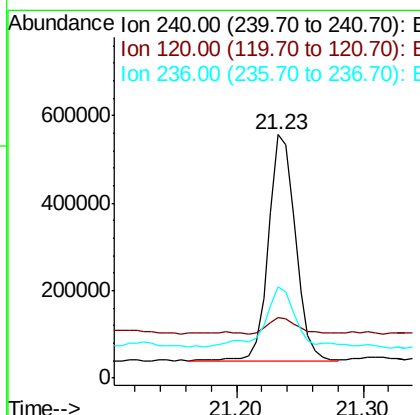
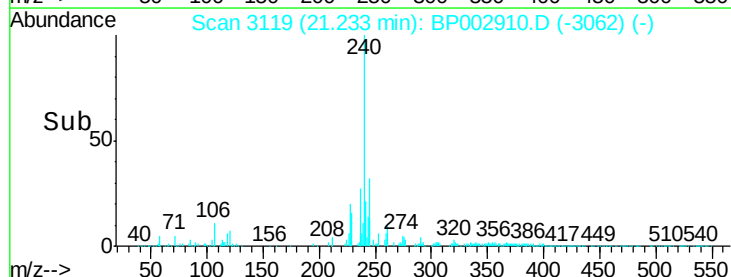
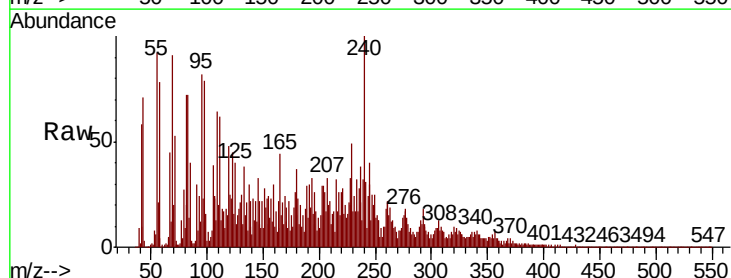
RT: 21.23 min Scan# 3119

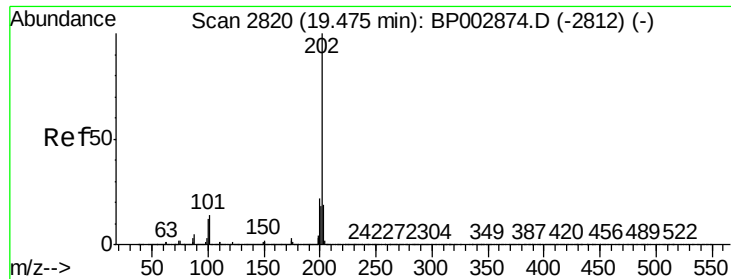
Delta R.T. 0.03 min

Lab File: BP002910.D

Acq: 05 Aug 2020 13:31

Tgt Ion:	240	Resp:	765659
Ion Ratio		Lower	Upper
240	100		
120	24.7	8.9	13.3#
236	37.5	20.3	30.5#





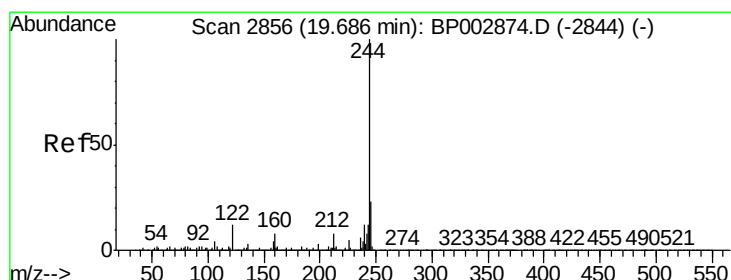
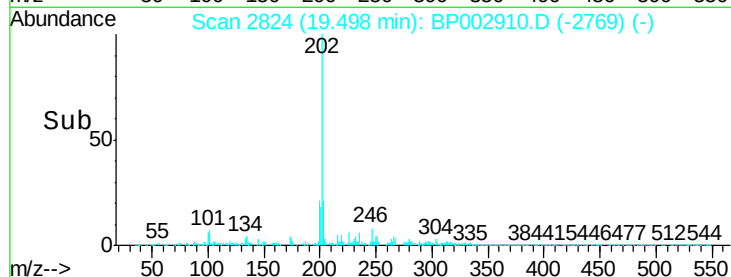
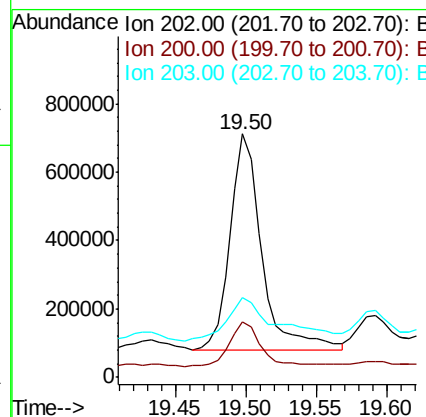
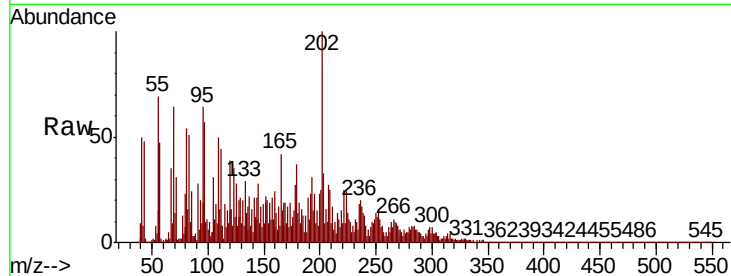
#78
Pvrene
Concen: 18.296 ng
RT: 19.50 min Scan# 2824
Delta R.T. 0.02 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Instrument :
BNA_P
ClientSampleId :
TL-10

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.8	17.9	26.9
203	32.9	15.1	22.7#

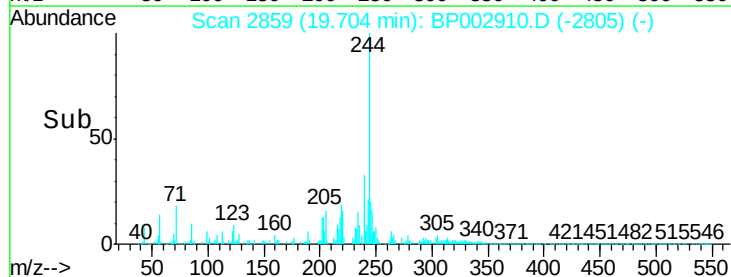
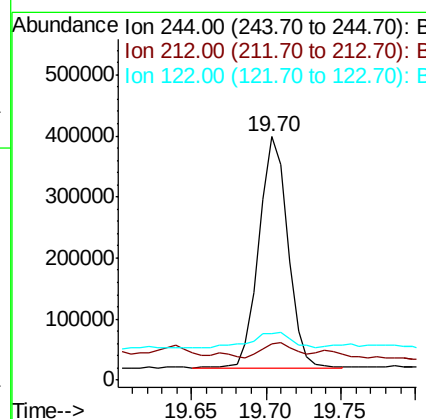
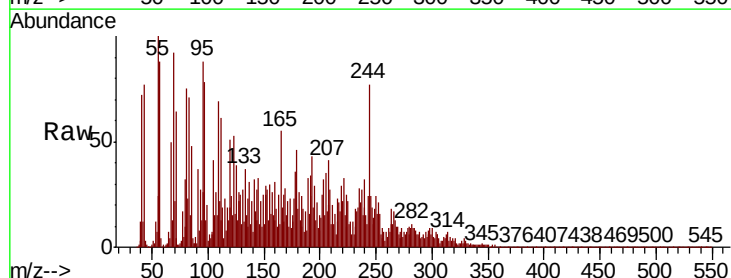
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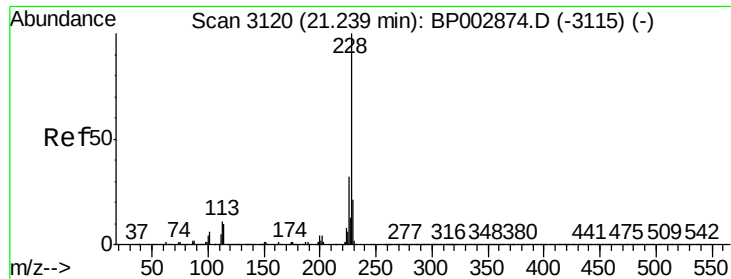
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#79
Terphenyl-d14
Concen: 13.117 ng
RT: 19.70 min Scan# 2859
Delta R.T. 0.02 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	14.9	6.4	9.6#
122	19.1	9.4	14.2#





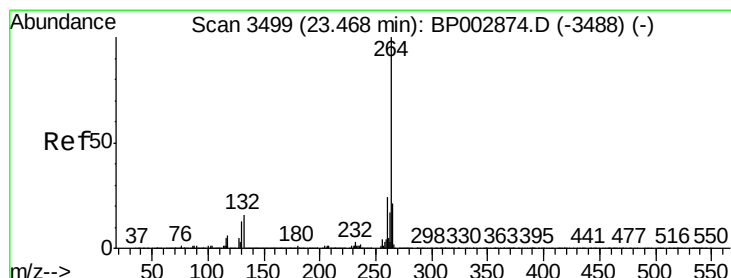
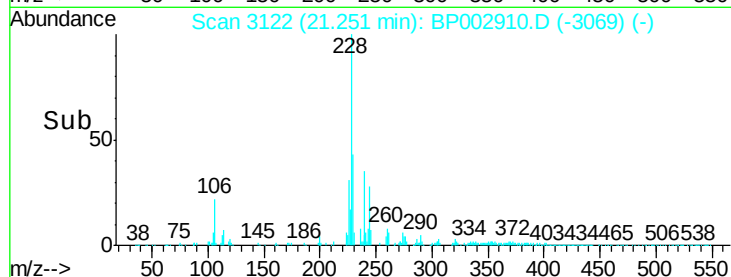
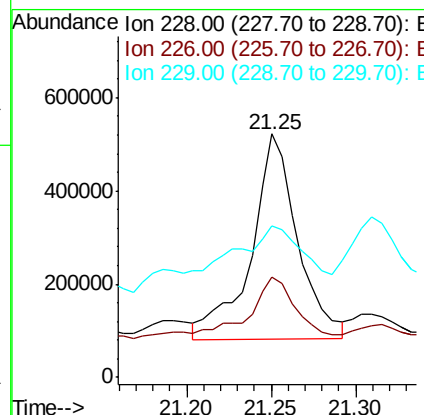
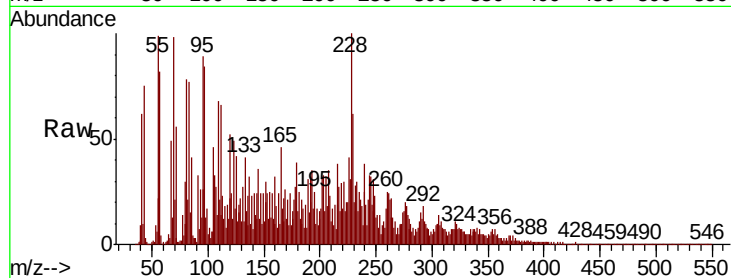
#83
Chrysene
Concen: 17.077 ng
RT: 21.25 min Scan# 3122
Delta R.T. 0.01 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Instrument :
BNA_P
ClientSampled :
TL-10

Tot Ion	Ratio	Lower	Upper
228	100		
226	41.0	25.5	38.3#
229	62.0	16.7	25.1#

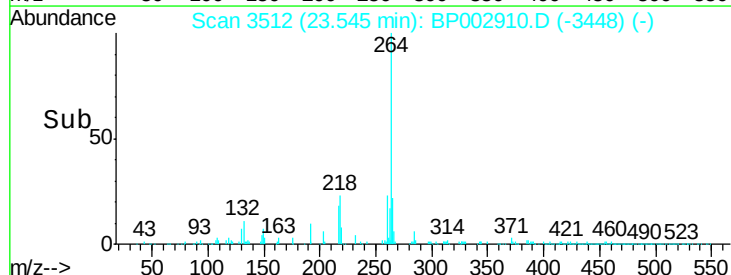
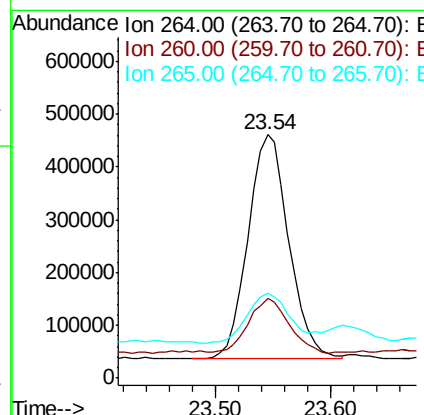
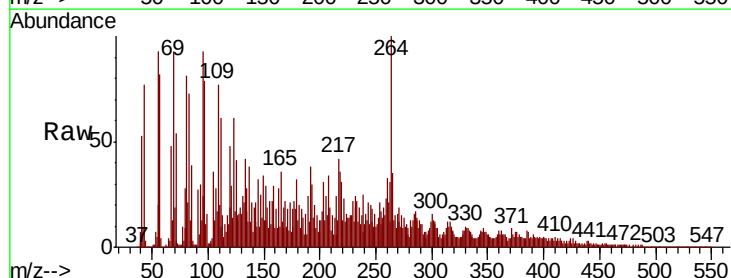
Manual Integrations
APPROVED

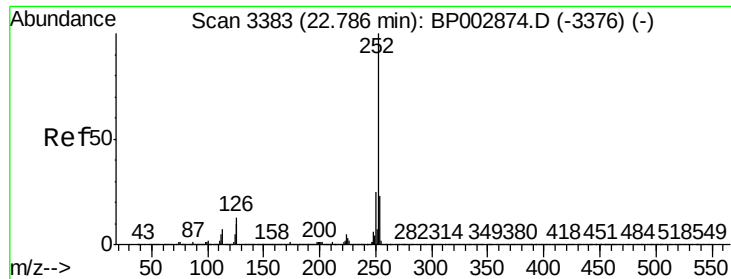
mohammad
8/6/2020 1:21:23 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.54 min Scan# 3512
Delta R.T. 0.08 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	32.7	19.0	28.6#
265	34.7	17.0	25.4#





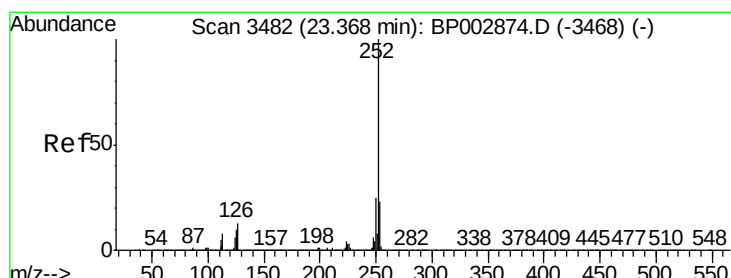
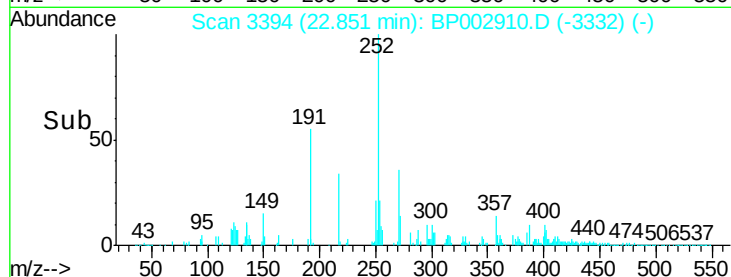
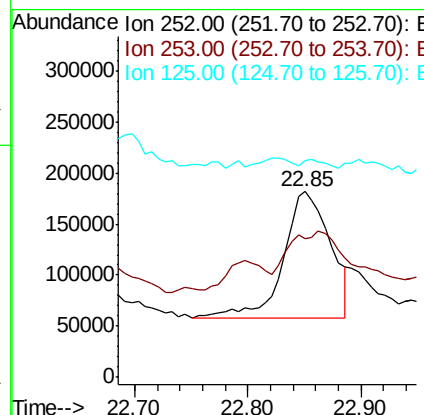
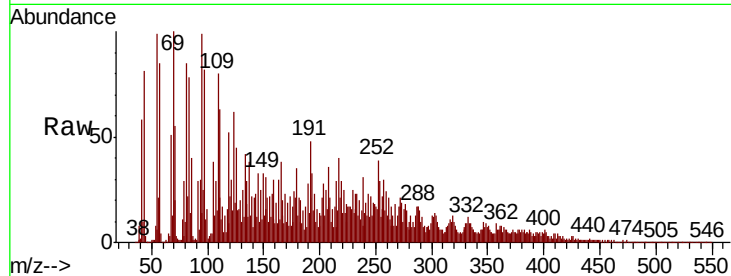
#88
Benzo(b)fluoranthene
Concen: 4.843 ng m
RT: 22.85 min Scan# 3394
Delta R.T. 0.06 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Instrument :
BNA_P
ClientSampled :
TL-10

Tot Ion	Ratio	Lower	Upper
252	100		
253	74.7	18.3	27.5#
125	116.7	7.8	11.8#

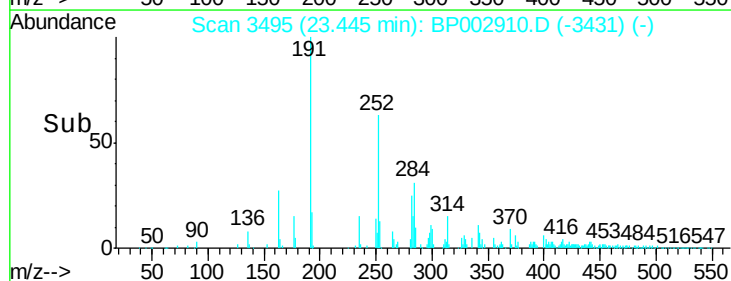
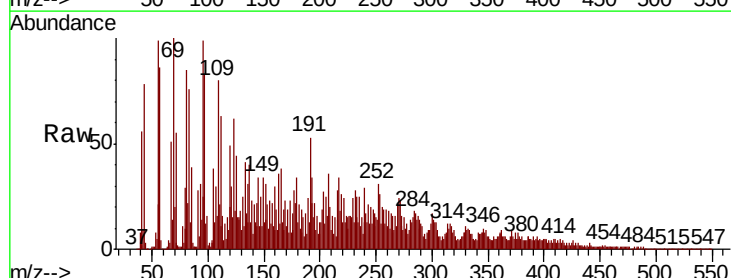
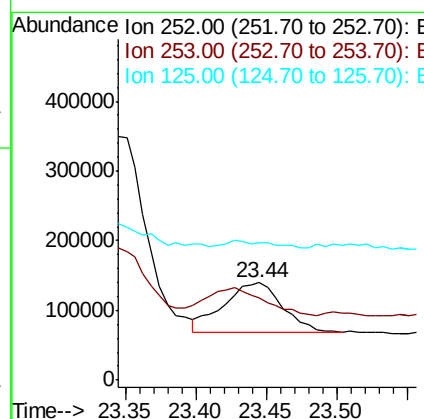
Manual Integrations
APPROVED

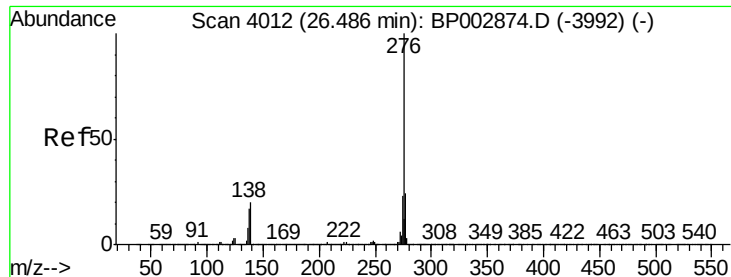
mohammad
8/6/2020 1:21:23 PM



#90
Benzo(a)pyrene
Concen: 3.039 ng
RT: 23.44 min Scan# 3495
Delta R.T. 0.08 min
Lab File: BP002910.D
Acq: 05 Aug 2020 13:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	84.2	18.0	27.0#
125	141.4	8.3	12.5#





#92
 Benzo(a,h,i)perylene
 Concen: 4.456 ng
 RT: 26.62 min Scan# 4034
 Delta R.T. 0.13 min
 Lab File: BP002910.D
 Acq: 05 Aug 2020 13:31

Instrument :
 BNA_P
 ClientSampleId :
 TL-10

Tot Ion	Ratio	Lower	Upper
276	100		
277	55.6	19.3	28.9#
138	46.4	16.2	24.2#

Manual Integrations
 APPROVED

mohammad
 8/6/2020 1:21:23 PM

