

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
 Data File : BP002830.D
 Acq On : 22 Jul 2020 18:06
 Operator : CG/JU
 Sample : L3362-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-PILE

Manual Integrations
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 7/24/2020 12:11:05 PM

Quant Time: Jul 22 18:58:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	132808	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	542586	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	330156	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	698896	20.00	ng	0.00
76) Chrysene-d12	21.07	240	565135	20.00	ng	0.00
86) Perylene-d12	23.26	264	487228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	805710	102.36	ng	0.00
7) Phenol-d6	6.76	99	1073023	95.52	ng	0.00
23) Nitrobenzene-d5	8.69	82	675610	66.60	ng	-0.01
42) 2,4,6-Tribromophenol	15.71	330	332246	96.41	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	1385738	64.93	ng	-0.01
79) Terphenyl-d14	19.55	244	1743782	70.74	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.66	163	263461	10.463	ng	99
71) Phenanthrene	17.00	178	89554	2.367	ng	99
75) Fluoranthene	18.99	202	154465	3.523	ng	99
78) Pyrene	19.34	202	173029	4.434	ng	99
83) Chrysene	21.10	228	80117m	2.301	ng	
88) Benzo(b)fluoranthene	22.61	252	81449m	2.692	ng	

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

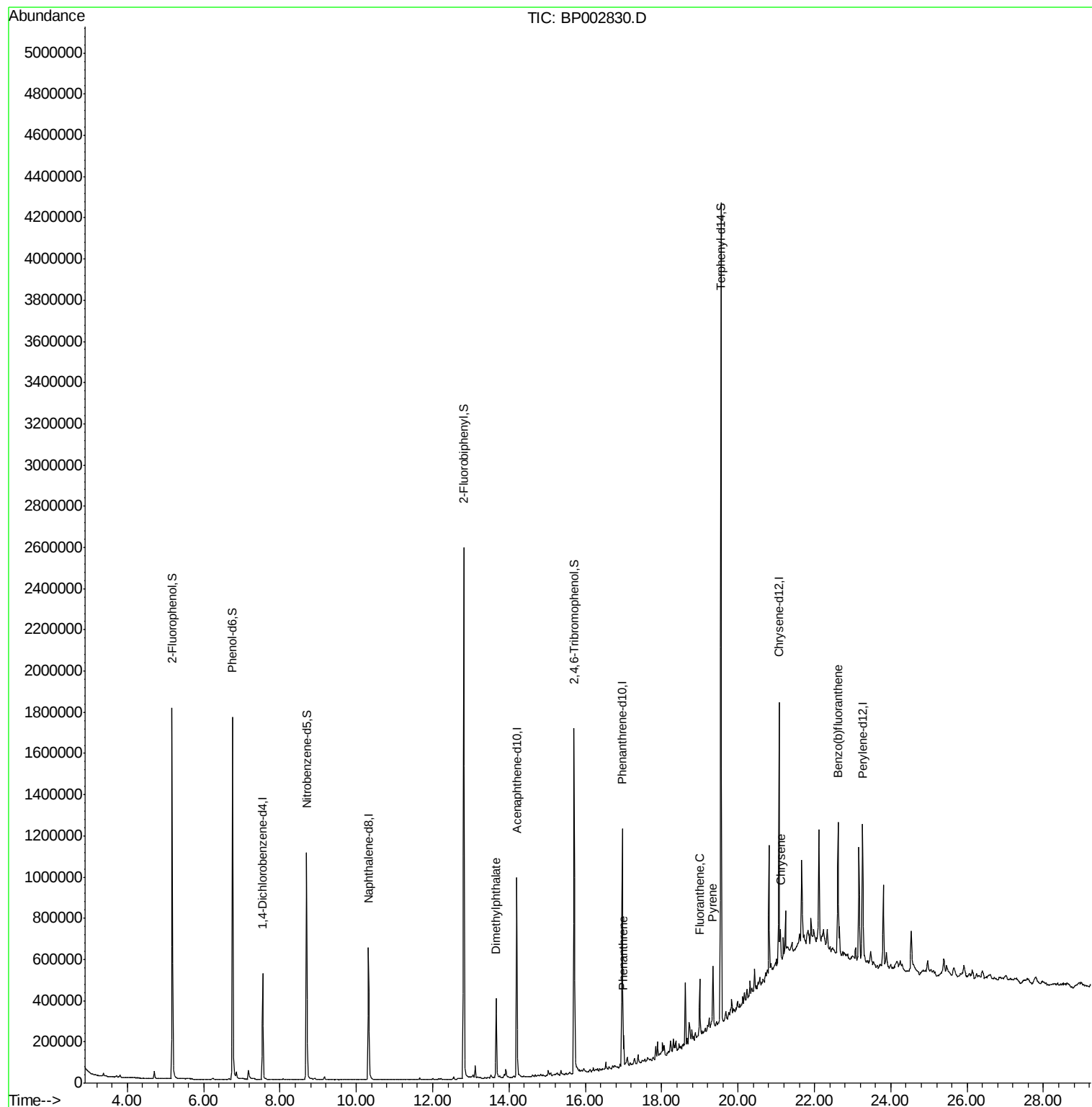
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Data File : BP002830.D
Acq On : 22 Jul 2020 18:06
Operator : CG/JU
Sample : L3362-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

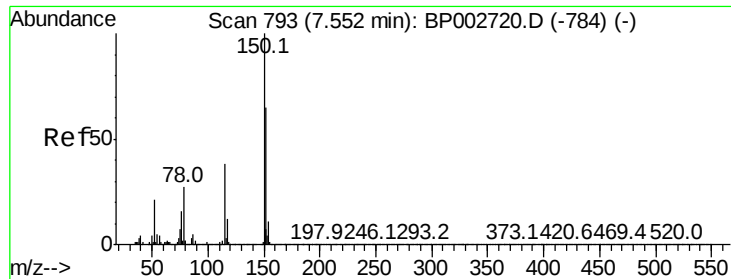
Instrument :
BNA_P
ClientSampleId :
SOIL-PILE

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Quant Time: Jul 22 18:58:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration





#1

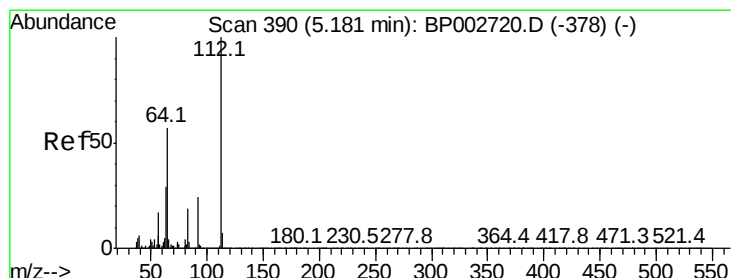
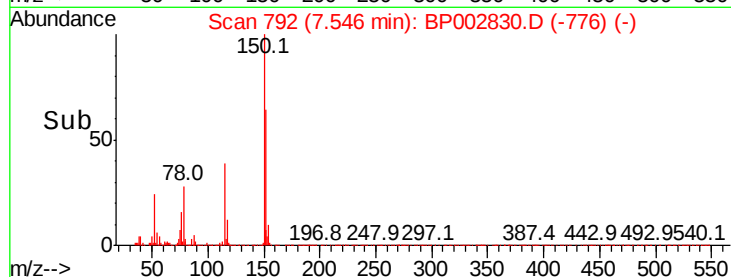
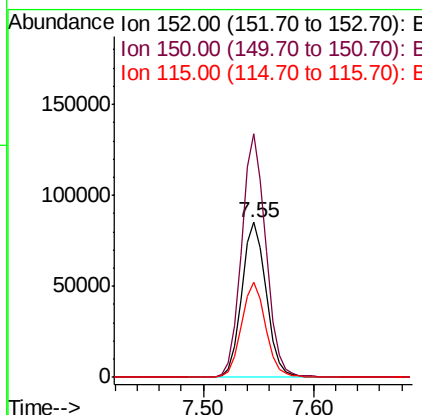
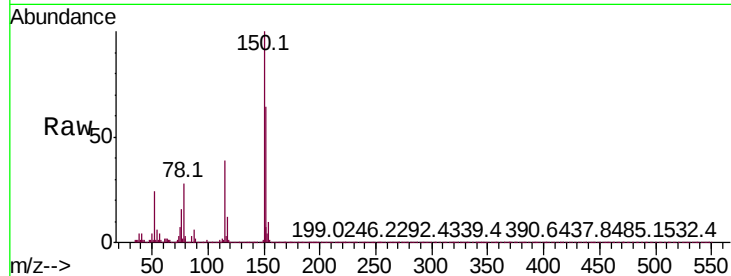
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002830.D
Acq: 22 Jul 2020 18:06

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.7	185.5
115	61.9	47.2	70.8

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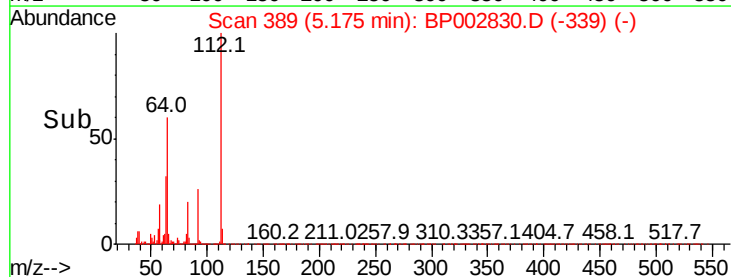
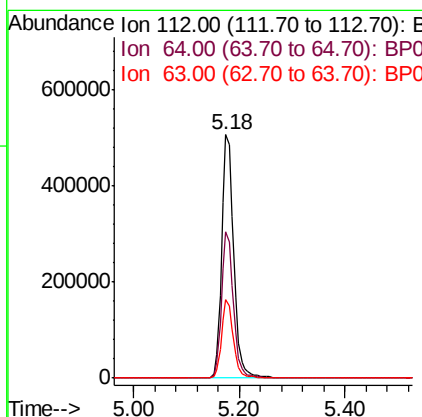
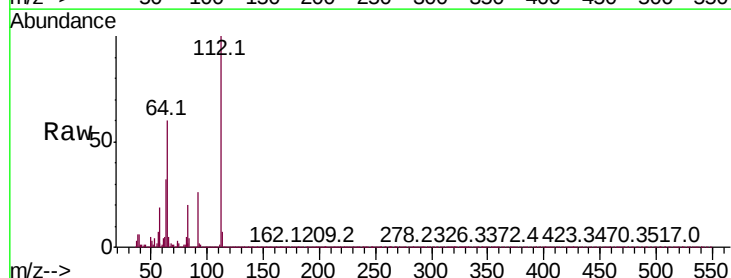
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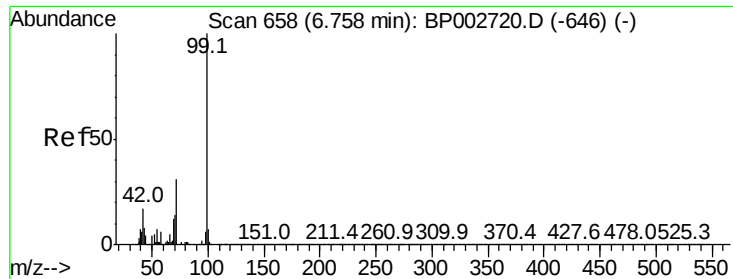


#5

2-Fluorophenol
Concen: 102.357 ng
RT: 5.18 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002830.D
Acq: 22 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	45.6	68.4
63	32.2	23.5	35.3





#7

Phenol-d6

Concen: 95.515 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002830.D

Acq: 22 Jul 2020 18:06

Instrument :

BNA_P

ClientSampleId :

SOIL-PILE

Tot Ion: 99 Resp: 1073023

Ion Ratio Lower Upper

99 100

42 18.0 13.4 20.2

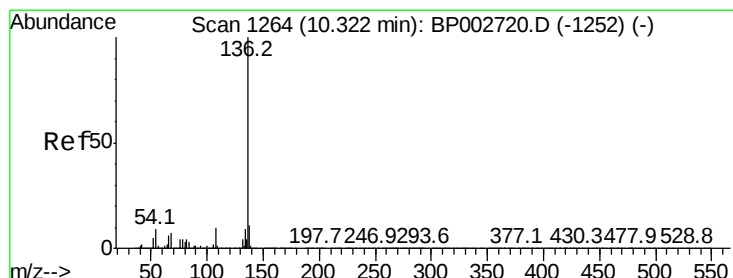
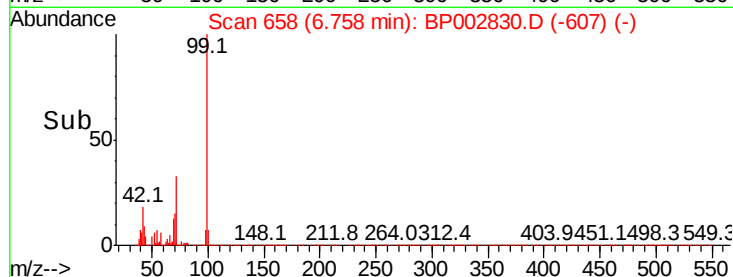
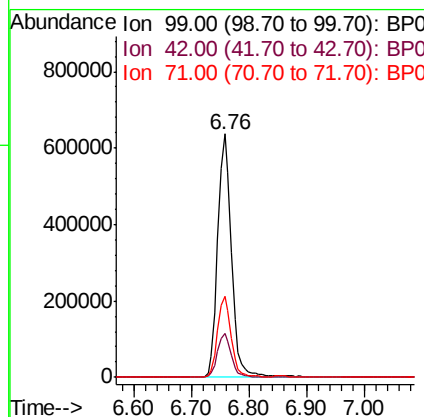
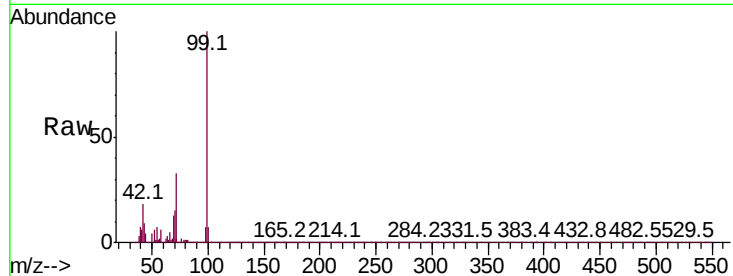
71 33.1 24.6 36.8

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BP002830.D

Acq: 22 Jul 2020 18:06

Tgt Ion: 136 Resp: 542586

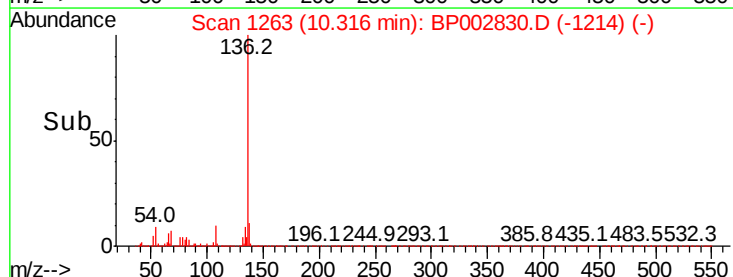
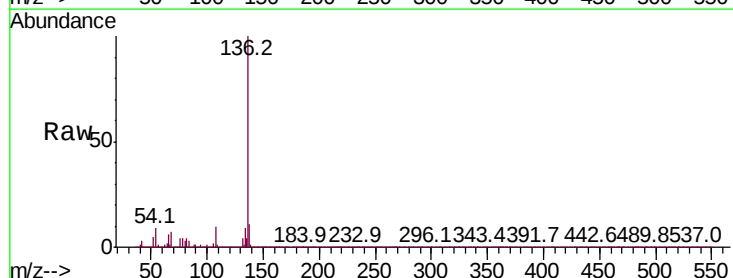
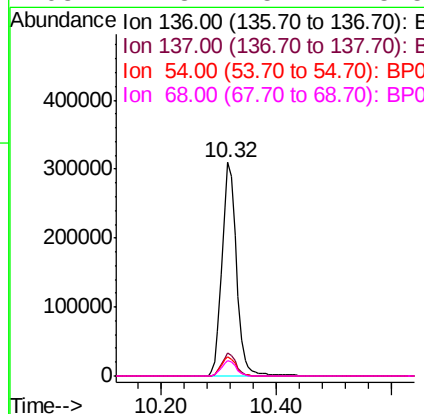
Ion Ratio Lower Upper

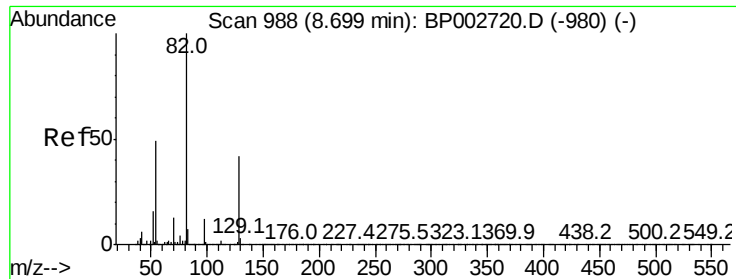
136 100

137 10.8 8.6 13.0

54 8.8 6.9 10.3

68 7.3 5.7 8.5





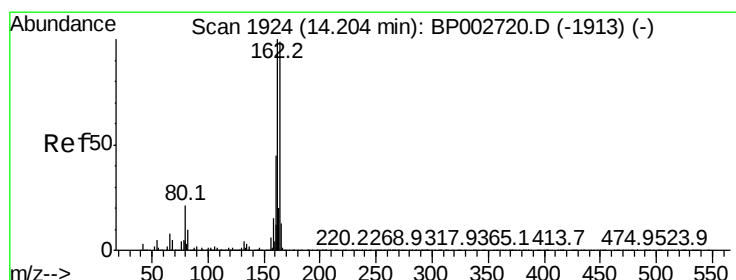
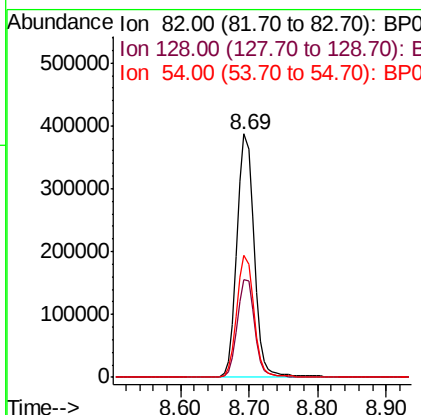
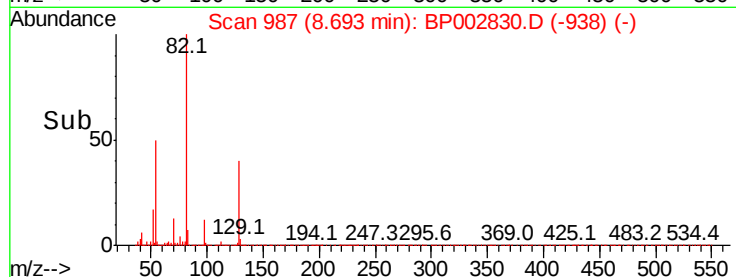
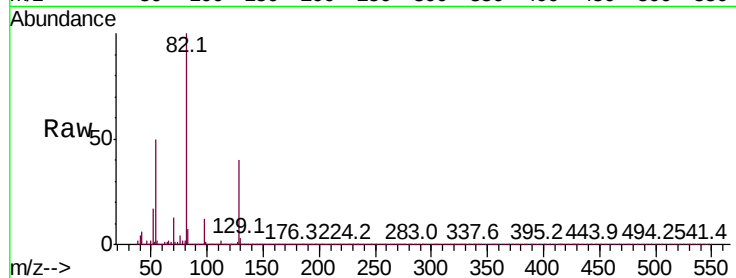
#23
Nitrobenzene-d5
Concen: 66.596 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002830.D
Acq: 22 Jul 2020 18:06

Instrument :
BNA_P
ClientSampled :
SOIL-PILE

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.8	50.8
54	50.2	38.8	58.2

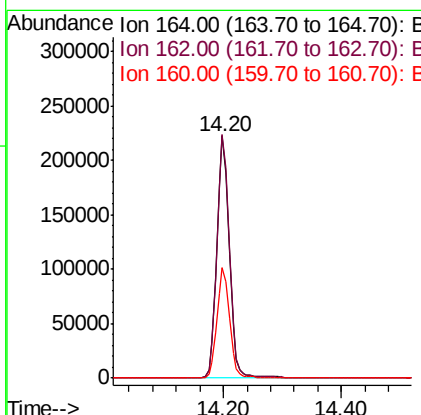
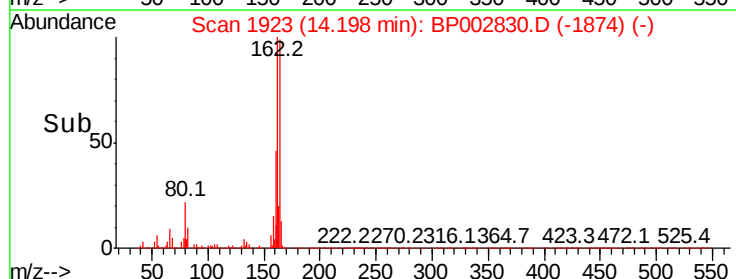
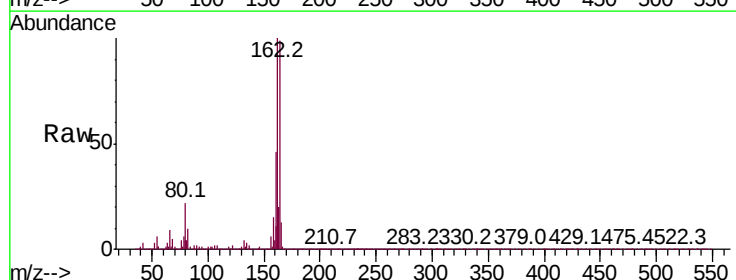
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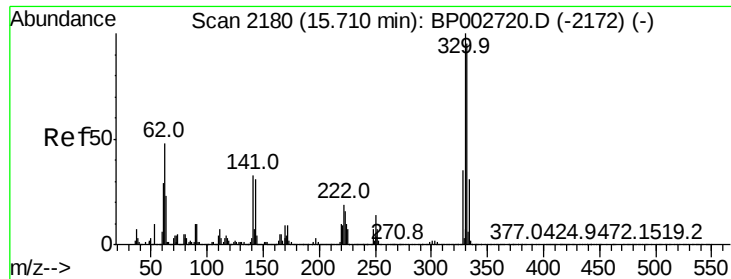
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BP002830.D
Acq: 22 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	80.6	121.0
160	45.8	36.4	54.6





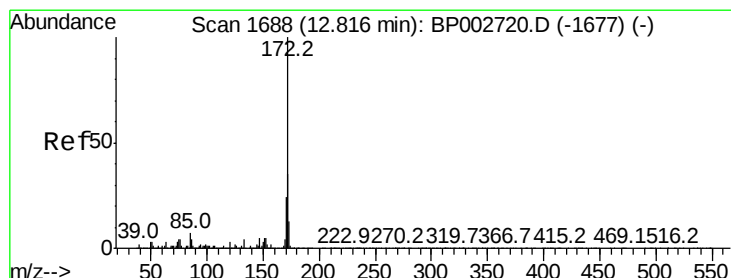
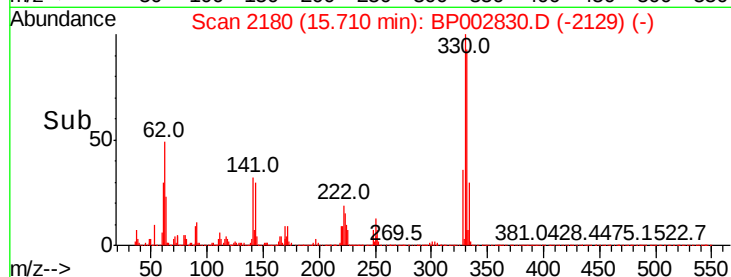
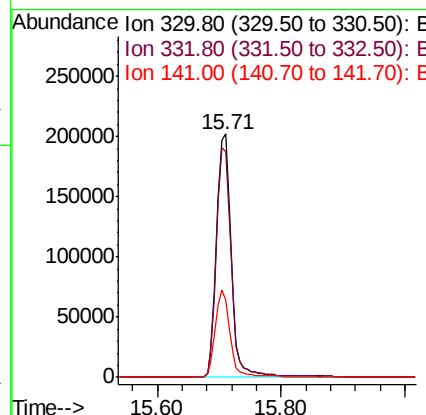
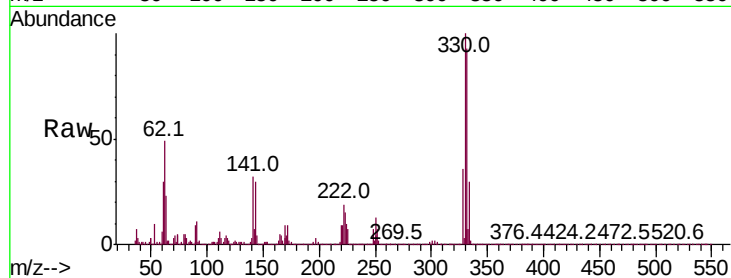
#42
2,4,6-Tribromophenol
Concen: 96.407 ng
RT: 15.71 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BP002830.D
Acq: 22 Jul 2020 18:06

Instrument :
BNA_P
ClientSampled :
SOIL-PILE

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.5	114.7
141	35.2	28.8	43.2

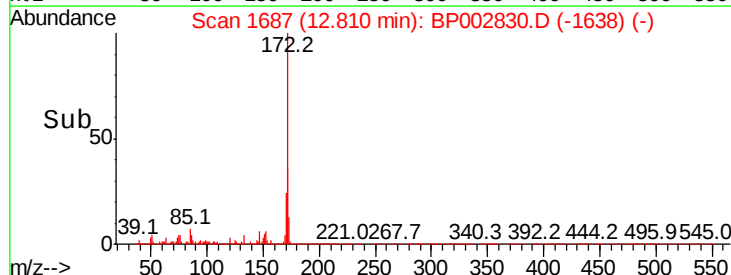
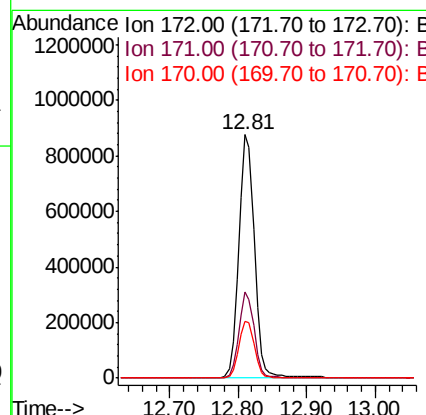
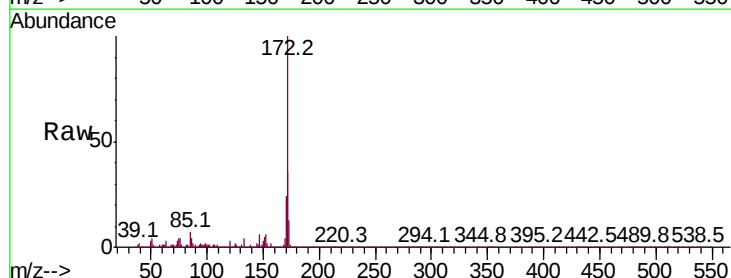
Manual Integrations
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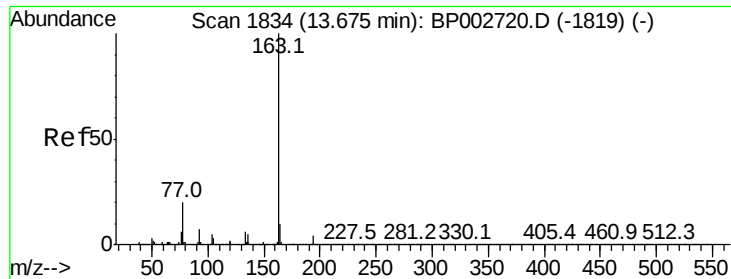
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#45
2-Fluorobiphenyl
Concen: 64.930 ng
RT: 12.81 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BP002830.D
Acq: 22 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	23.5	19.3	28.9





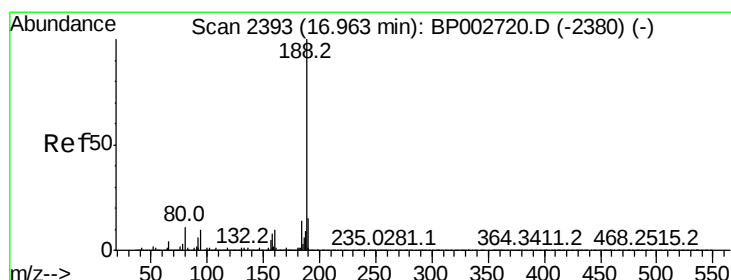
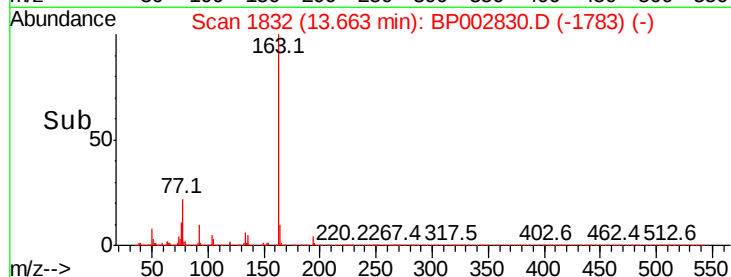
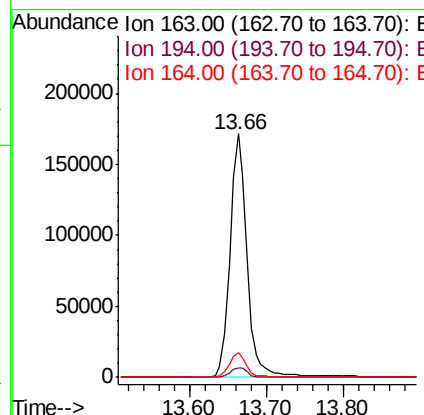
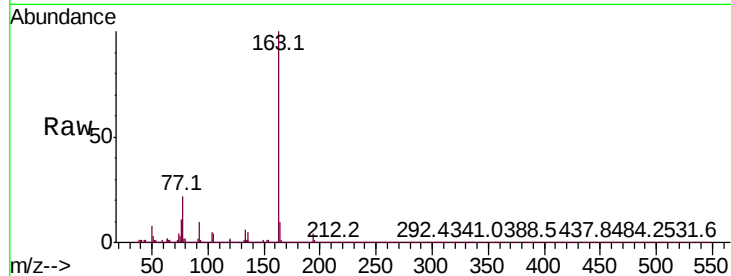
#50
Dimethylphthalate
Concen: 10.463 ng
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BP002830.D
Acq: 22 Jul 2020 18:06

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE

Tot Ion	Ratio	Resp	Lower	Upper
163	100	263461		
194	4.1		3.4	5.2
164	10.2		7.8	11.8

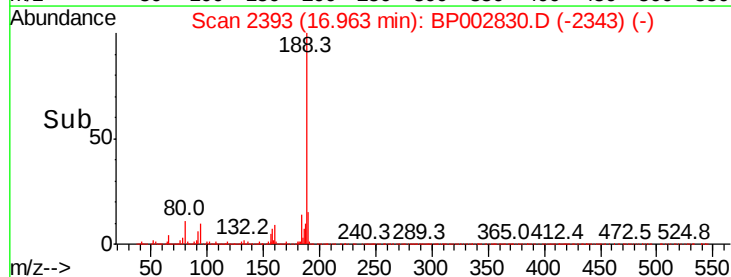
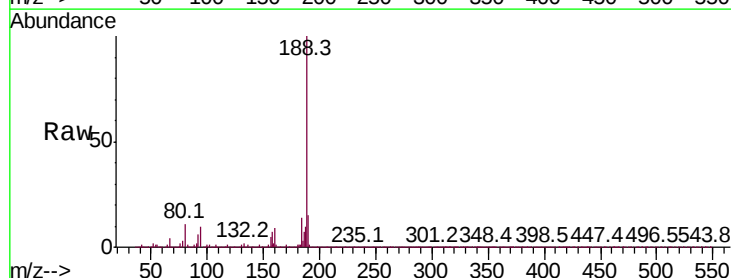
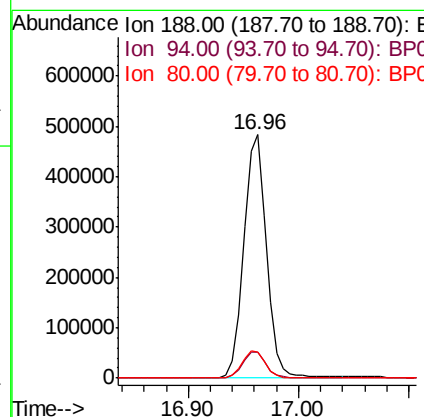
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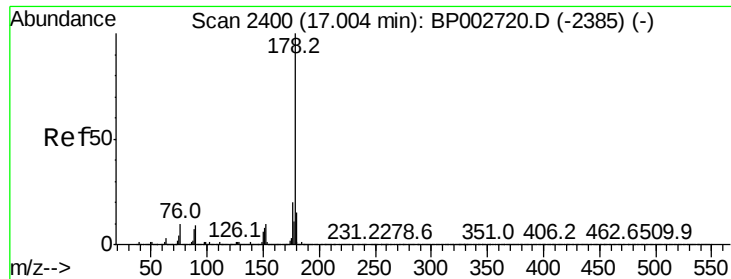
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002830.D
Acq: 22 Jul 2020 18:06

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	698896		
94	10.4		8.1	12.1
80	10.7		8.9	13.3





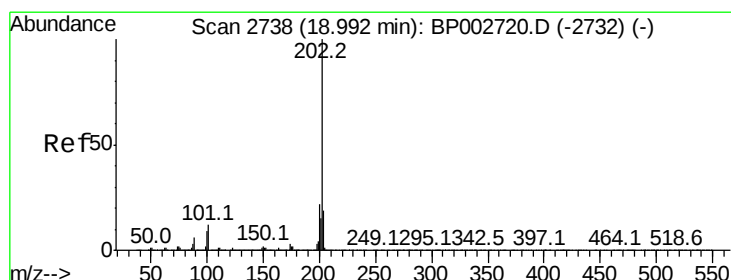
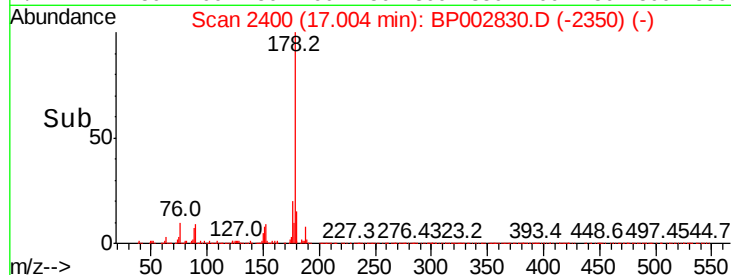
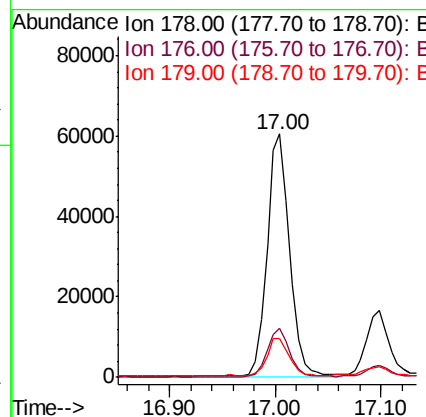
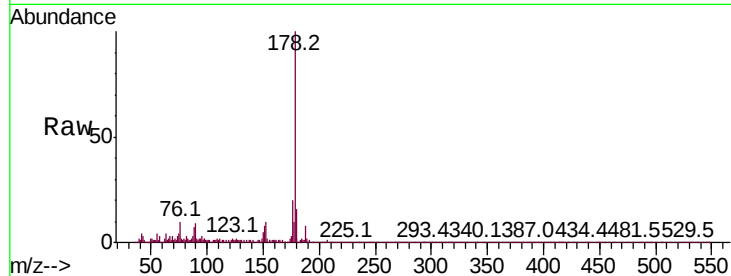
#71
Phenanthrene
Concen: 2.367 ng
RT: 17.00 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BP002830.D
Acq: 22 Jul 2020 18:06

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.9	23.9
179	16.0	12.3	18.5

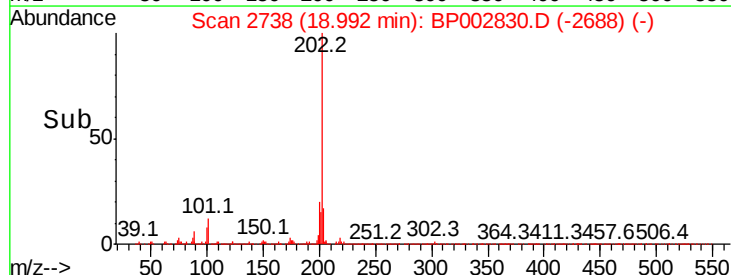
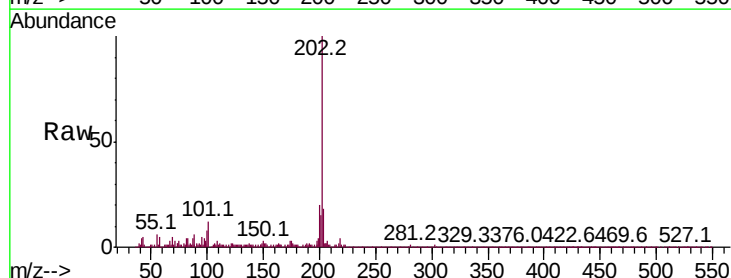
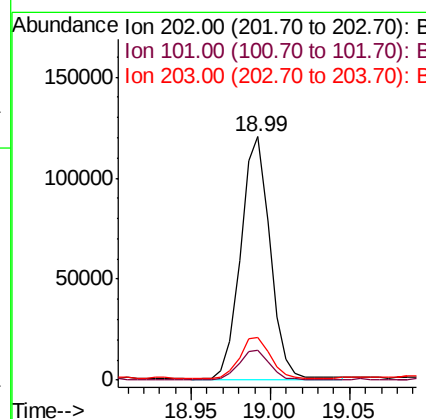
Manual Integrations
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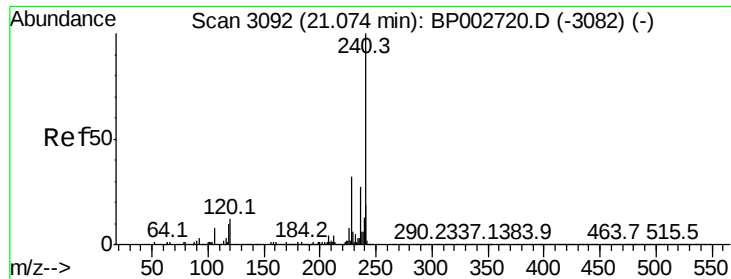
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#75
Fluoranthene
Concen: 3.523 ng
RT: 18.99 min Scan# 2738
Delta R.T. -0.01 min
Lab File: BP002830.D
Acq: 22 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.5
203	17.7	0.0	38.6





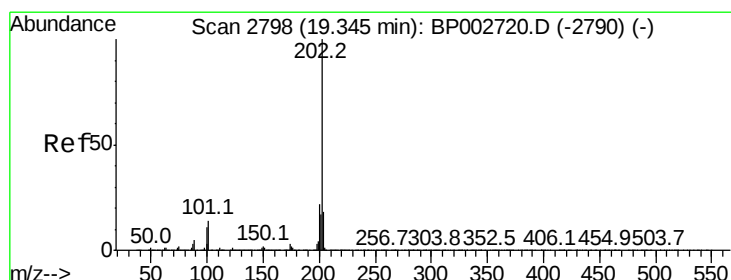
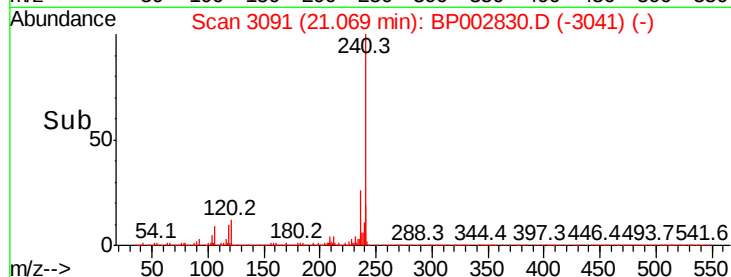
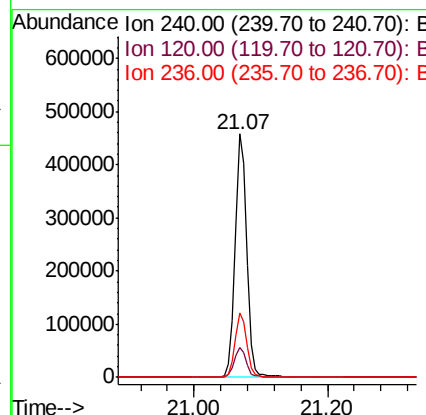
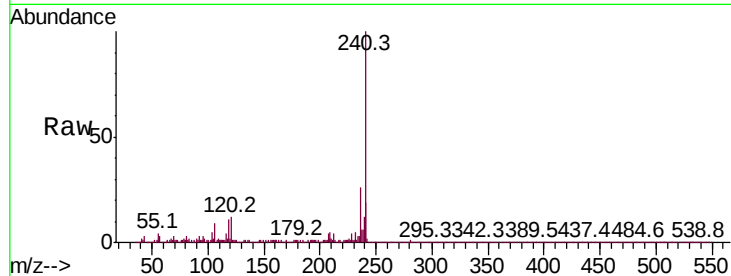
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002830.D
Acq: 22 Jul 2020 18:06

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	12.3	9.4	14.2
236	26.4	21.3	31.9

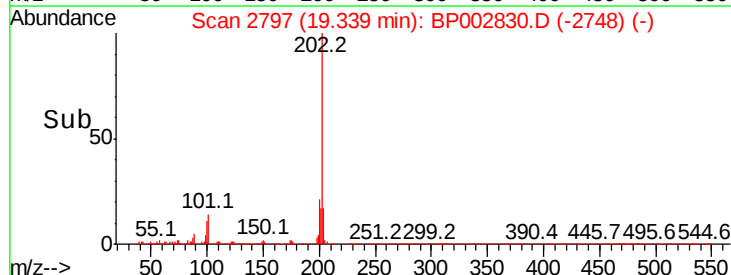
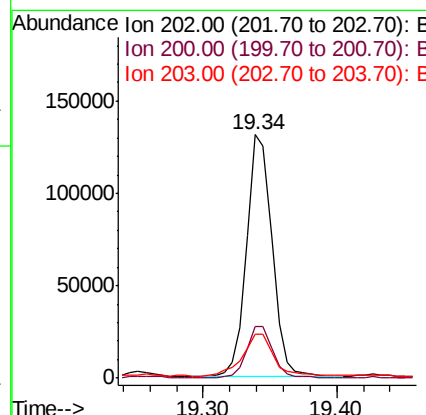
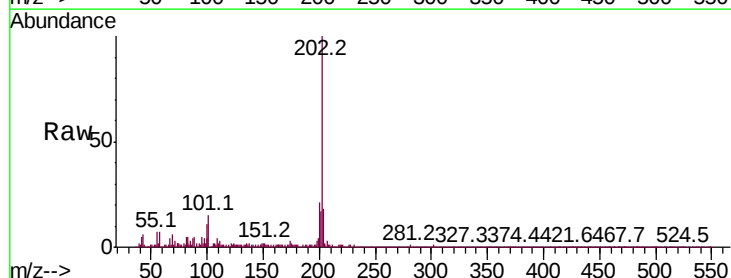
Manual Integrations
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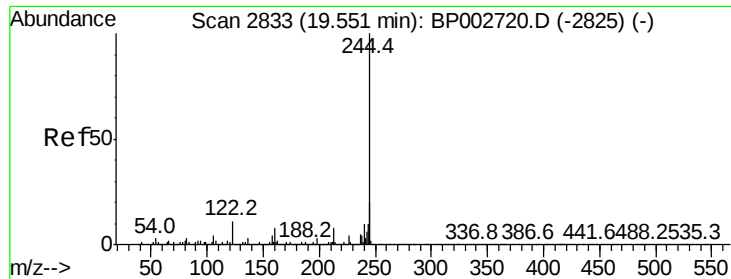
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#78
Pyrene
Concen: 4.434 ng
RT: 19.34 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BP002830.D
Acq: 22 Jul 2020 18:06

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	17.7	26.5
203	18.0	14.5	21.7





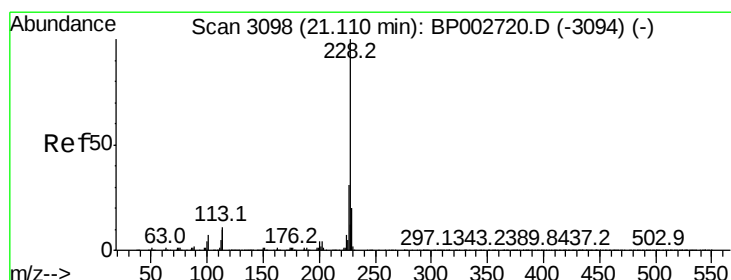
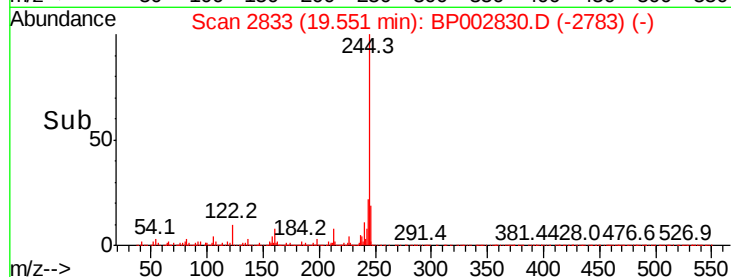
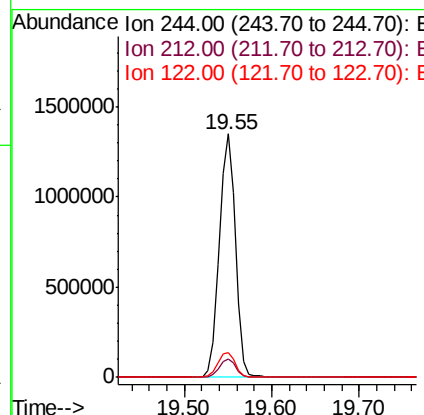
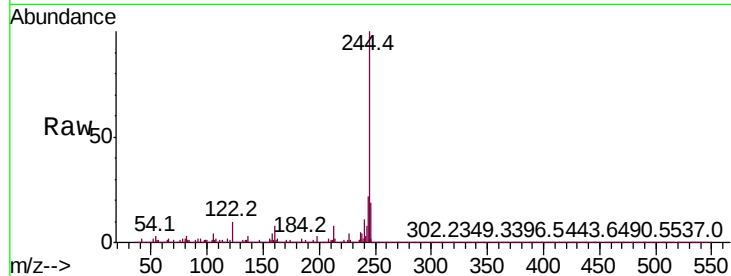
#79
 Terphenyl-d14
 Concen: 70.744 ng
 RT: 19.55 min Scan# 2833
 Delta R.T. -0.01 min
 Lab File: BP002830.D
 Acq: 22 Jul 2020 18:06

Instrument :
 BNA_P
 ClientSampled :
 SOIL-PILE

Tot Ion:244 Resp: 1743782
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 10.2 8.9 13.3

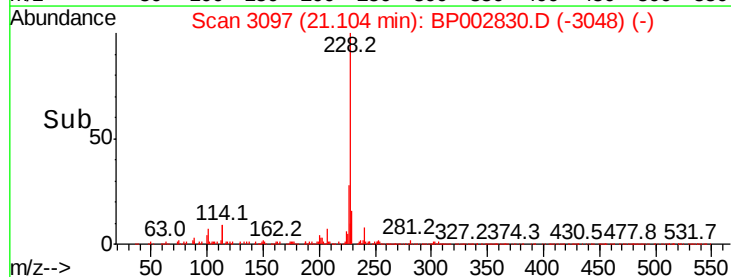
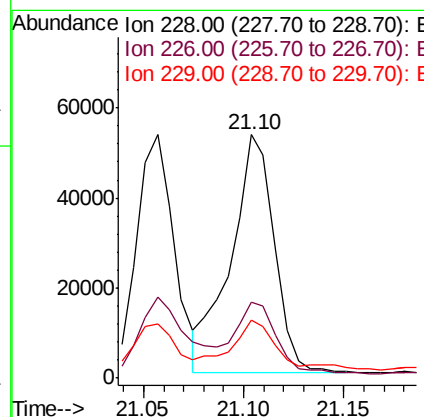
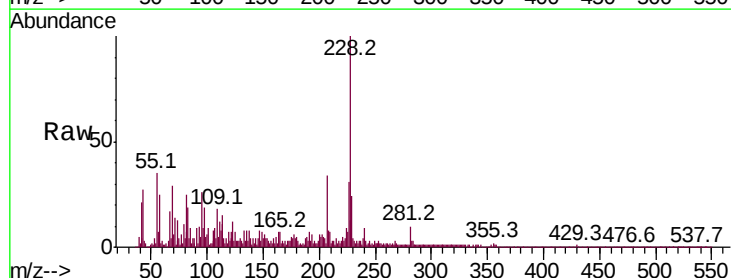
Manual Integrations
 APPROVED

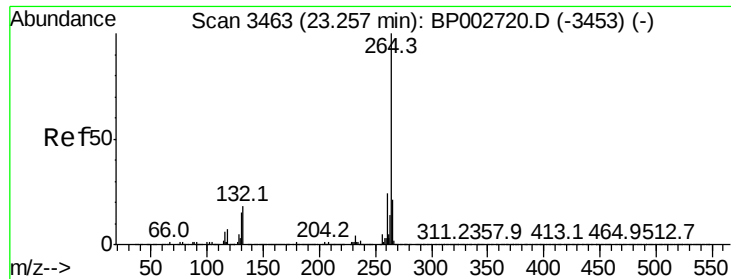
Sohil
 7/24/2020 12:11:05 PM



#83
 Chrysene
 Concen: 2.301 ng m
 RT: 21.10 min Scan# 3097
 Delta R.T. -0.01 min
 Lab File: BP002830.D
 Acq: 22 Jul 2020 18:06

Tgt Ion:228 Resp: 80117
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.6 37.0
 229 23.8 15.7 23.5#





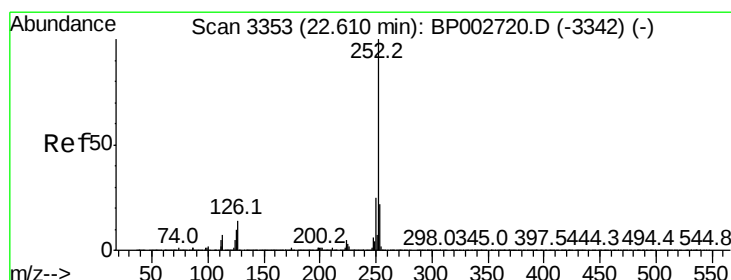
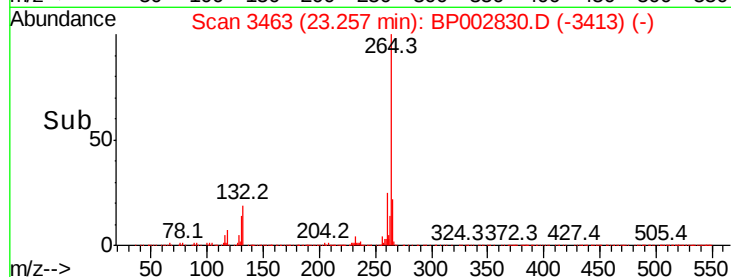
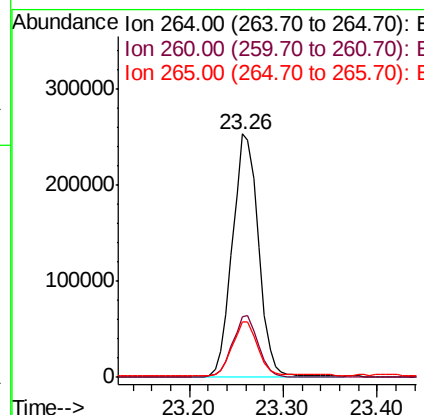
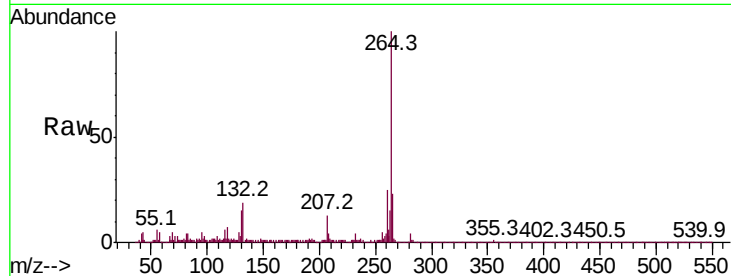
#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BP002830.D
Acq: 22 Jul 2020 18:06

Instrument :
BNA_P
ClientSampleId :
SOIL-PILE

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	22.7	16.8	25.2

Manual Integrations
APPROVED

Sohil
7/24/2020 12:11:05 PM



#88
Benzo(b)fluoranthene
Concen: 2.692 ng m
RT: 22.61 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BP002830.D
Acq: 22 Jul 2020 18:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.7	26.5
125	25.0	8.2	12.2#

