

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
 Data File : BF120348.D
 Acq On : 18 May 2020 18:12
 Operator : MA/SJ
 Sample : L2665-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-LEACHATE

Manual Integrations
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Quant Time: May 19 05:01:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 15:23:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	5985	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	1362	20.00	ng	0.00
39) Acenaphthene-d10	9.63	164	1517	20.00	ng	-0.02
64) Phenanthrene-d10	11.12	188	1940	20.00	ng	0.00
76) Chrysene-d12	13.75	240	713	20.00	ng	-0.02
87) Perylene-d12	15.13	264	639	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1064636	3461.10	ng	0.00
7) Phenol-d6	6.26	99	802140	2062.11	ng	0.00
23) Nitrobenzene-d5	7.17	82	1607117	80788.33	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	647769	52371.16	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	3009064	40751.69	ng	0.00
79) Terphenyl-d14	12.72	244	3086135	95623.17	ng	0.00
Target Compounds						
31) Naphthalene	7.91	128	1221480	21249.524	ng	Qvalue 97
37) 2-Methylnaphthalene	8.60	142	1021368	25964.625	ng	98
38) 1-Methylnaphthalene	8.70	142	946176	24800.042	ng	98
50) Dimethylphthalate	9.36	163	343535	3582.365	ng	98
52) Acenaphthene	9.67	154	69846	956.758	ng	97
58) Fluorene	10.19	166	121851	1521.947	ng	# 98
70) Pentachlorophenol	10.94	266	5190	619.608	ng	94
71) Phenanthrene	11.15	178	370686	4547.237	ng	100
72) Anthracene	11.20	178	54223m	621.328	ng	
73) Carbazole	11.36	167	76628	939.755	ng	97
75) Fluoranthene	12.35	202	25083	287.074	ng	95
78) Pyrene	12.57	202	35967	707.593	ng	96

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

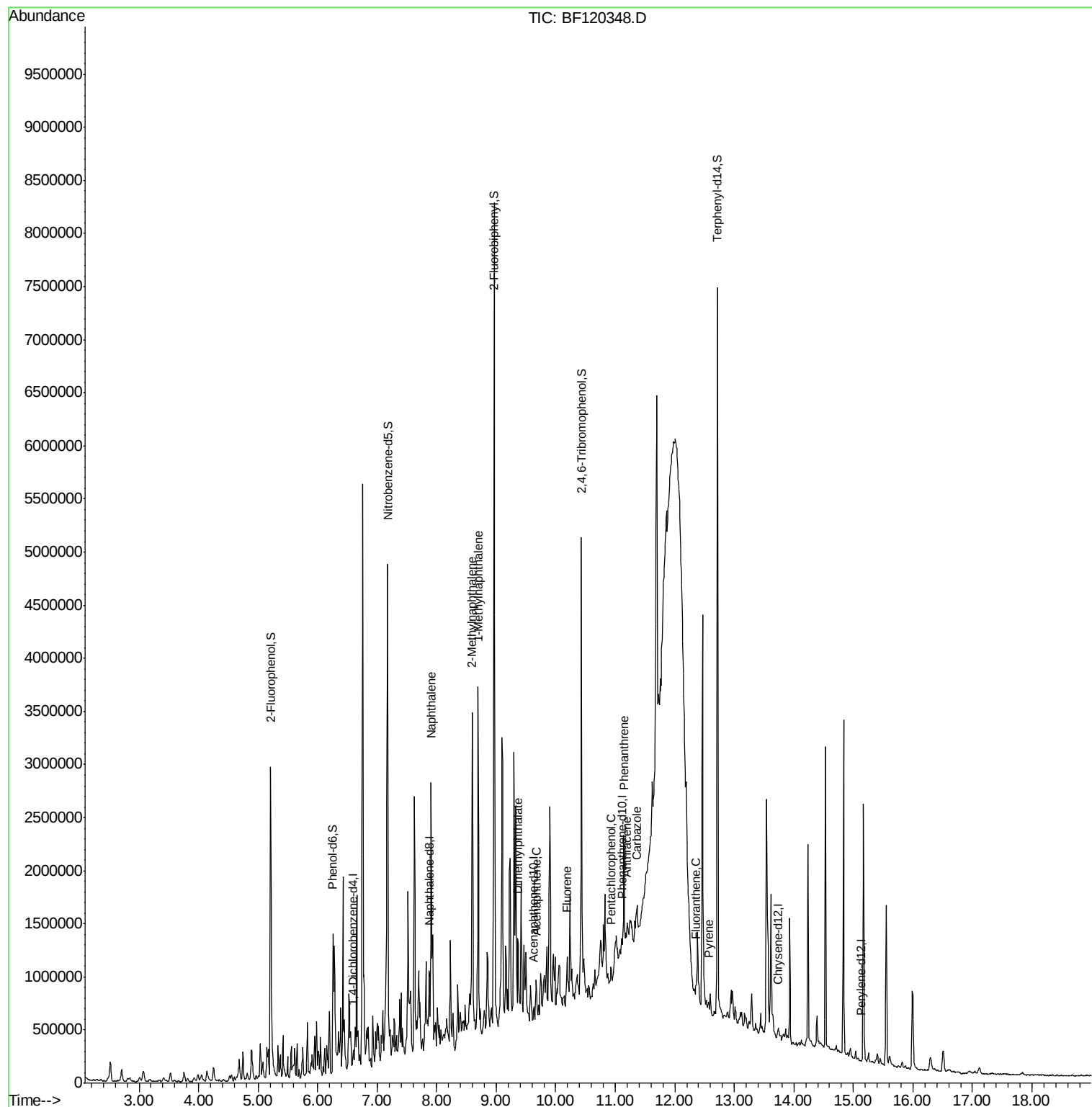
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051820\
Data File : BF120348.D
Acq On : 18 May 2020 18:12
Operator : MA/SJ
Sample : L2665-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

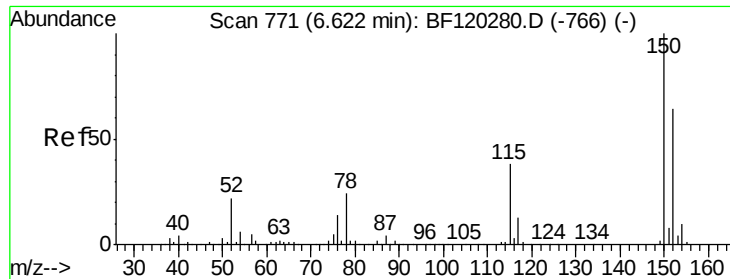
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

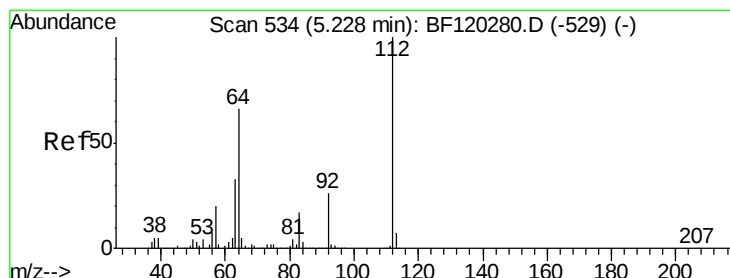
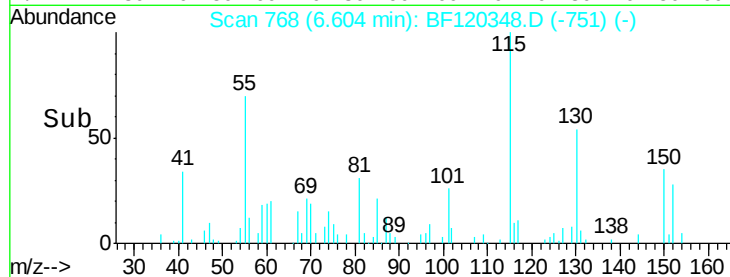
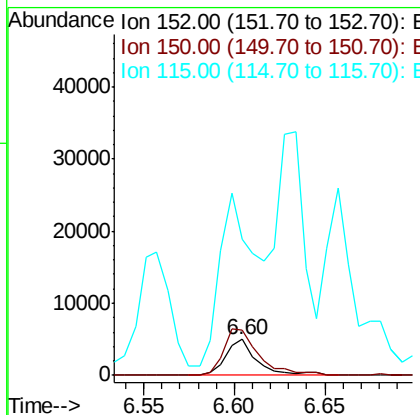
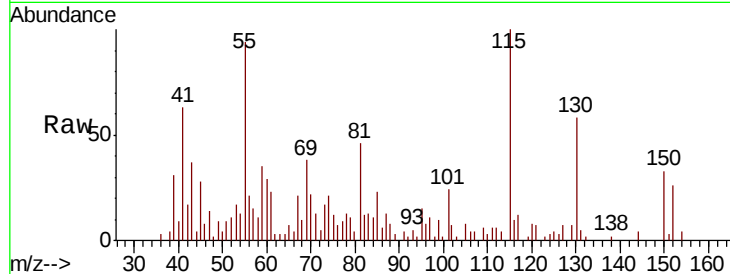
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF120348.D
Acq: 18 May 2020 18:12

Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE

Tot Ion	Ratio	Lower	Upper
152	100		
150	124.5	126.2	189.2#
115	381.4	47.9	71.9#

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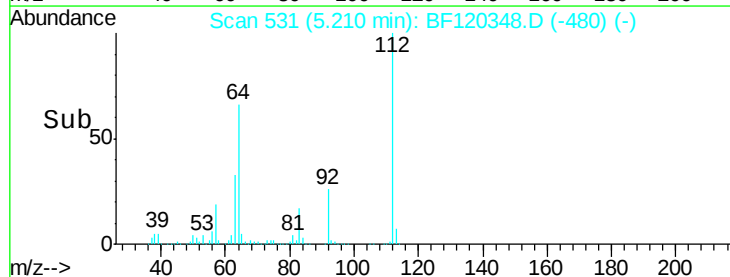
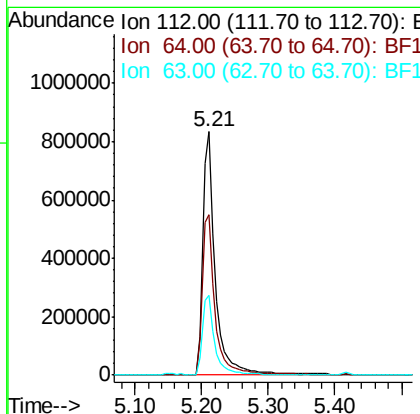
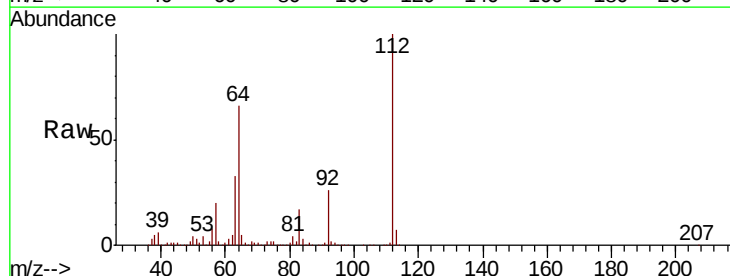
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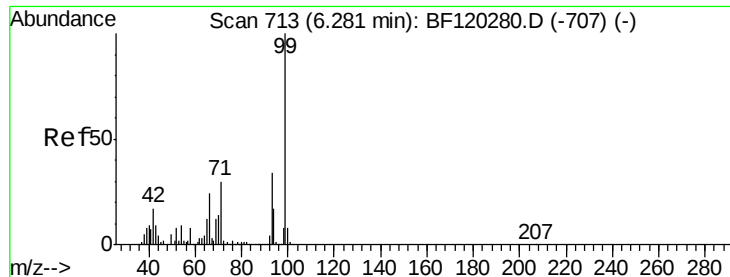


#5

2-Fluorophenol
Concen: 3461.098 ng
RT: 5.21 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF120348.D
Acq: 18 May 2020 18:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.7	52.7	79.1
63	32.9	26.2	39.4





#7

Phenol-d6

Concen: 2062.113 ng

RT: 6.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA_F

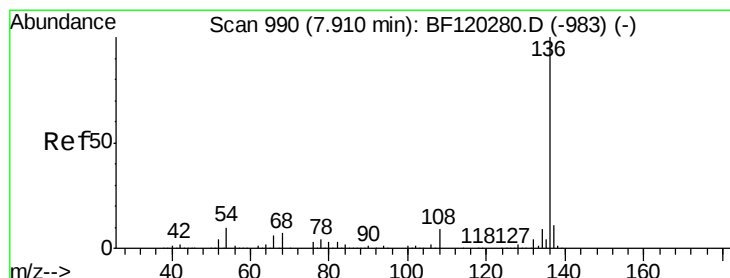
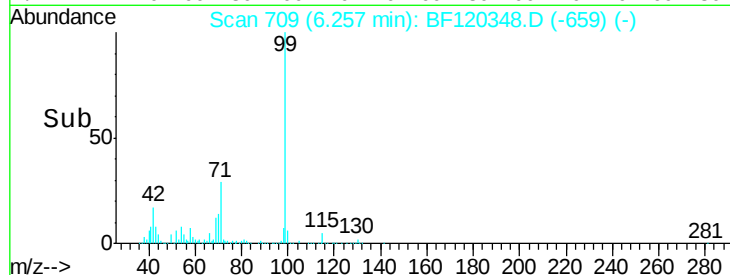
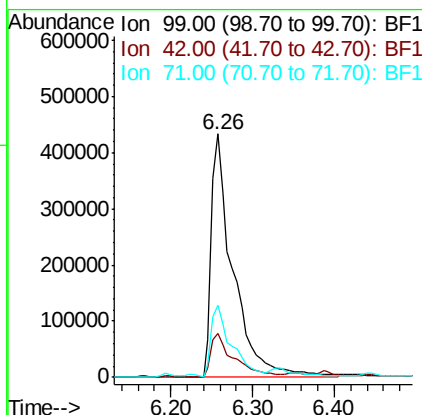
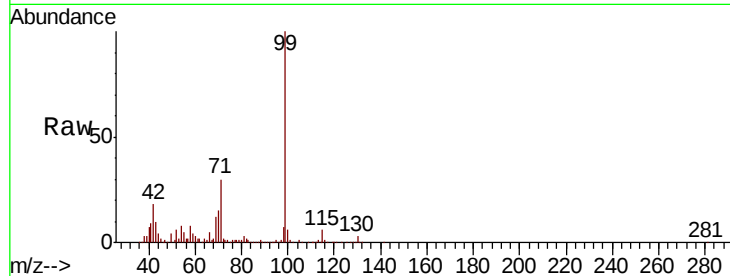
ClientSampleId :

SPLP-LEACHATE

Tot Ion:	99	Resp:	802140
Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.6	20.4
71	29.6	24.2	36.4

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#21

Naphthalene-d8

Concen: 20.000 ng

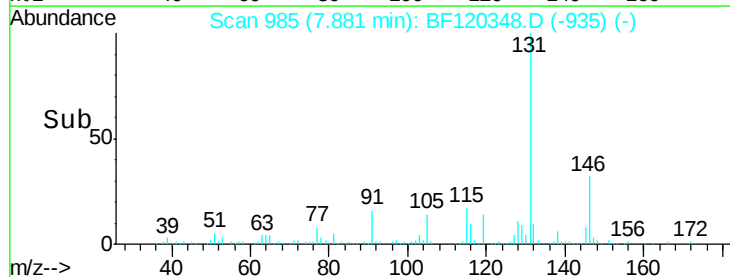
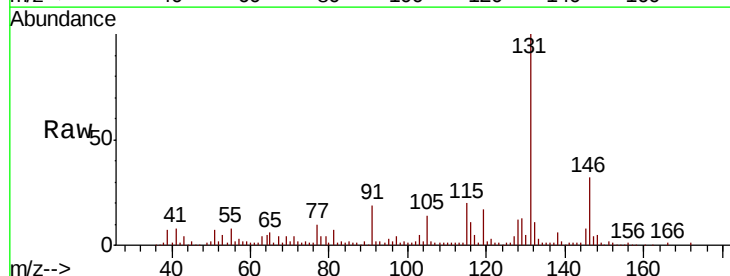
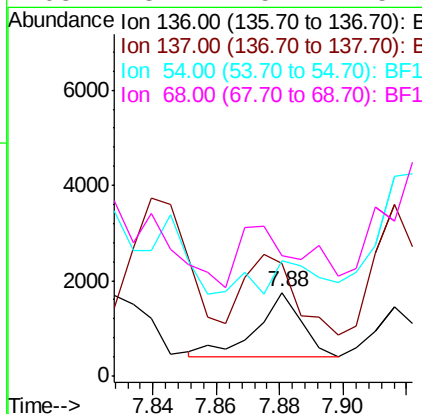
RT: 7.88 min Scan# 985

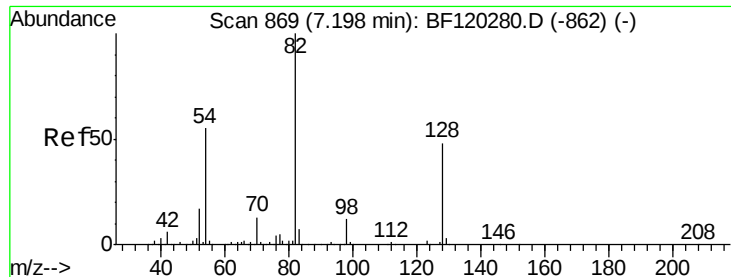
Delta R.T. -0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Tgt Ion:	136	Resp:	1362
Ion	Ratio	Lower	Upper
136	100		
137	134.8	9.1	13.7#
54	138.2	7.9	11.9#
68	143.2	5.4	8.2#





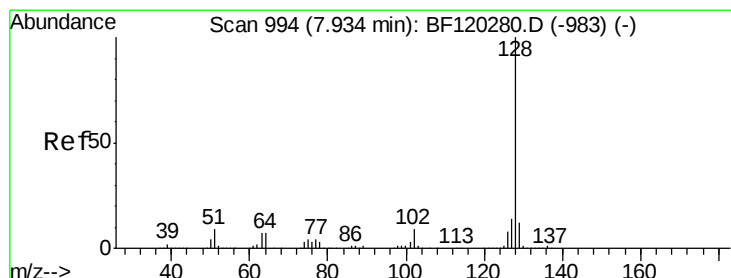
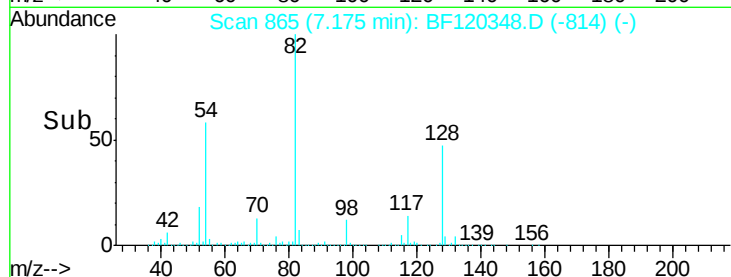
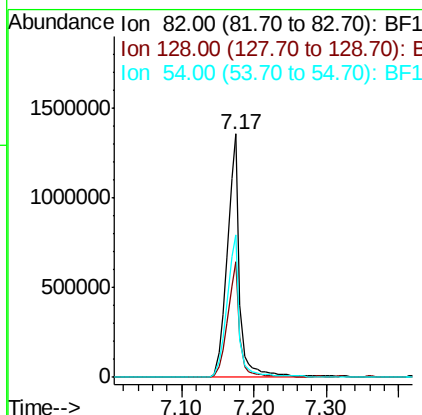
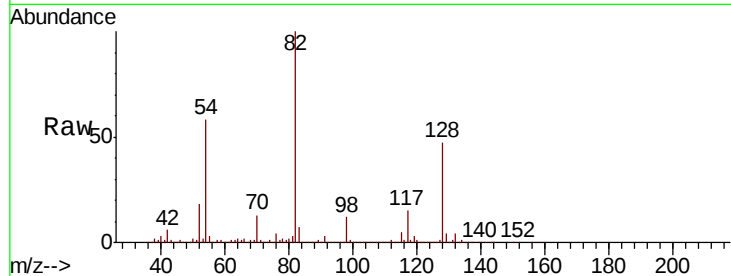
#23
 Nitrobenzene-d5
 Concen: 80788.327 ng
 RT: 7.17 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF120348.D
 Acq: 18 May 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-LEACHATE

Tot Ion	82	Resp	1607117
Ion	Ratio	Lower	Upper
82	100		
128	47.3	38.3	57.5
54	58.4	43.9	65.9

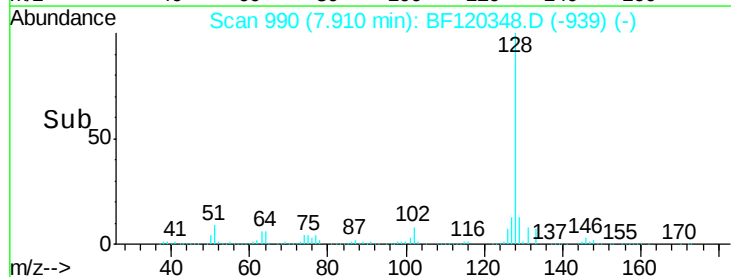
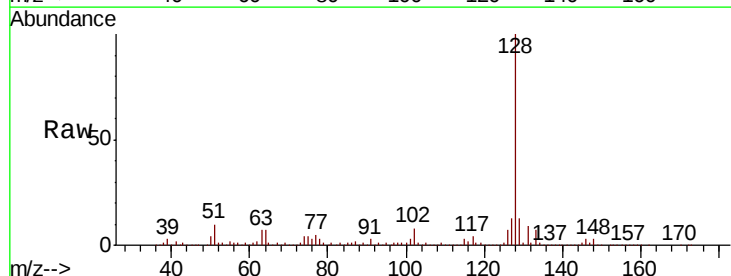
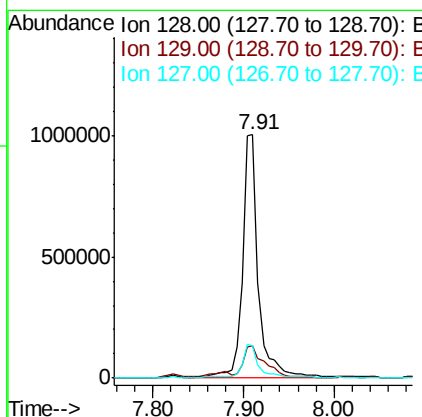
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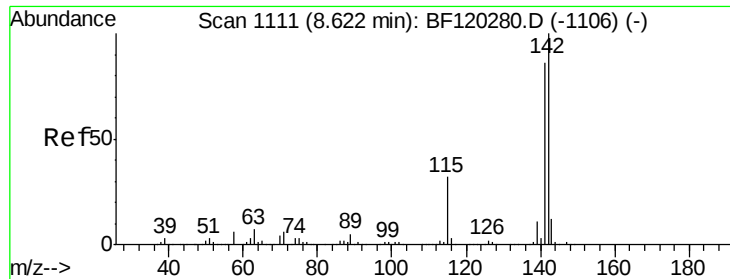
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#31
 Naphthalene
 Concen: 21249.524 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BF120348.D
 Acq: 18 May 2020 18:12

Tgt Ion	128	Resp	1221480
Ion	Ratio	Lower	Upper
128	100		
129	13.5	9.3	13.9
127	13.4	11.2	16.8





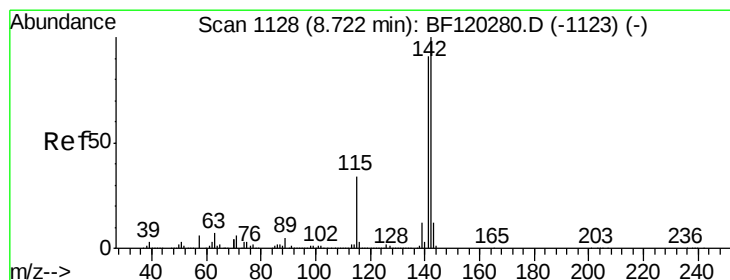
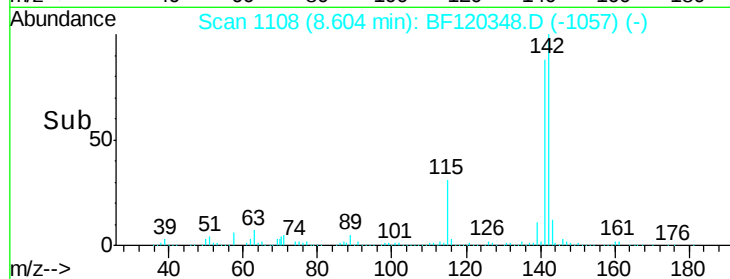
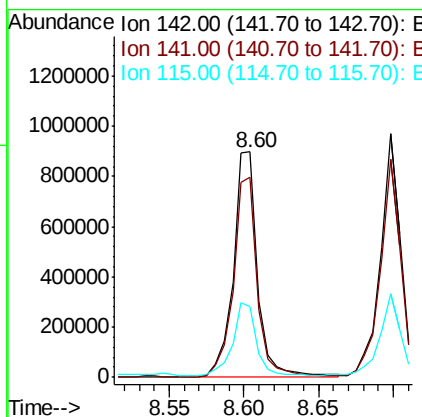
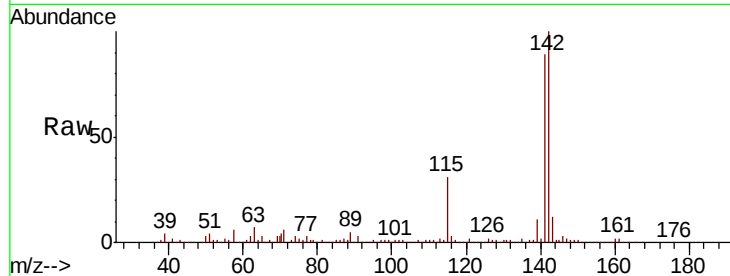
#37
2-Methylnaphthalene
Concen: 25964.625 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BF120348.D
Acq: 18 May 2020 18:12

Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE

Tot Ion:142 Resp: 1021368
Ion Ratio Lower Upper
142 100
141 88.6 68.8 103.2
115 31.2 25.7 38.5

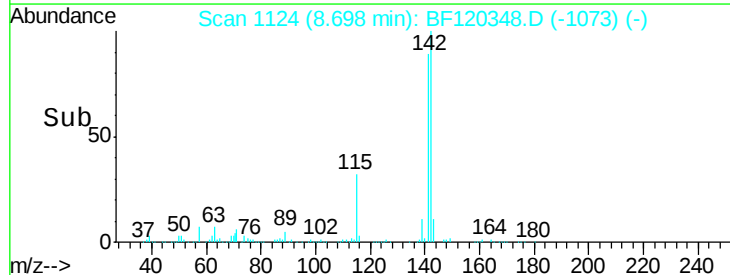
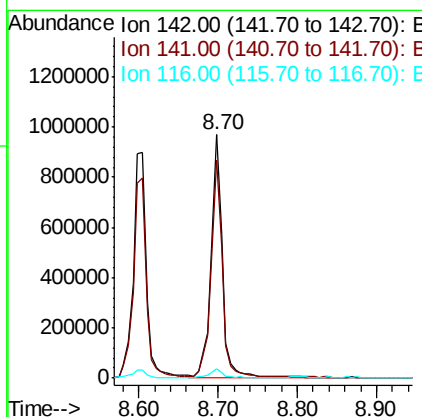
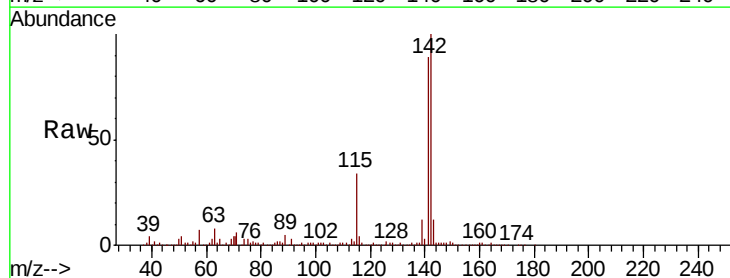
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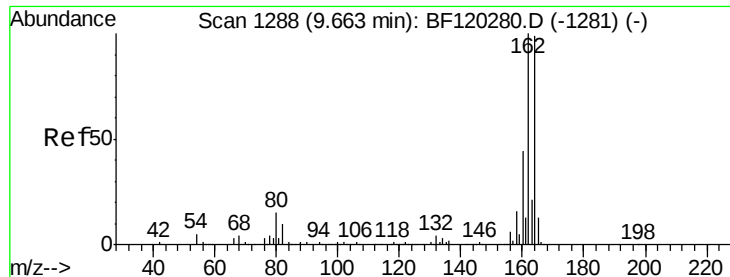
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#38
1-Methylnaphthalene
Concen: 24800.042 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BF120348.D
Acq: 18 May 2020 18:12

Tgt Ion:142 Resp: 946176
Ion Ratio Lower Upper
142 100
141 89.4 73.0 109.6
116 3.7 2.7 4.1





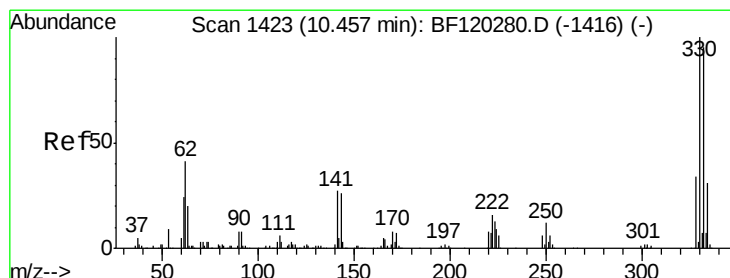
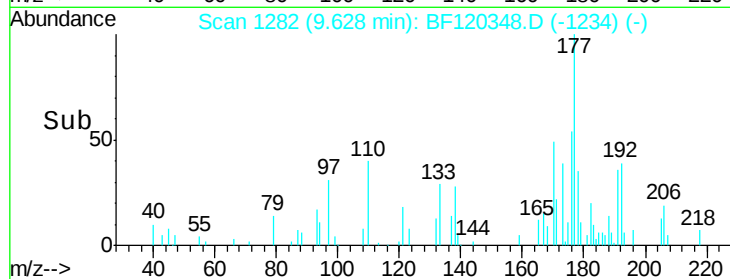
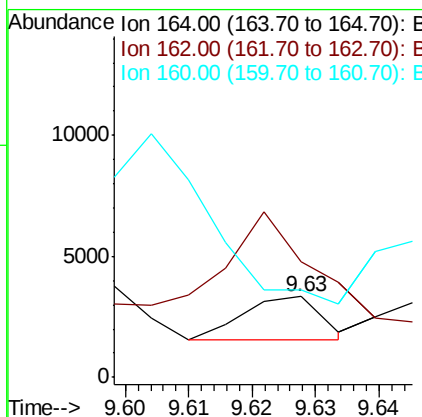
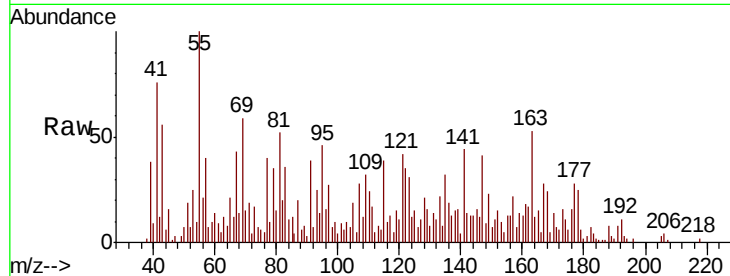
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BF120348.D
 Acq: 18 May 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-LEACHATE

Tot Ion:	164	Resp:	1517
Ion Ratio	Lower	Upper	
164	100		
162	143.6	81.2	121.8#
160	107.6	35.8	53.6#

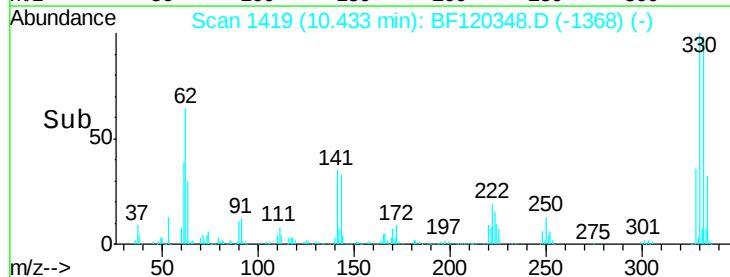
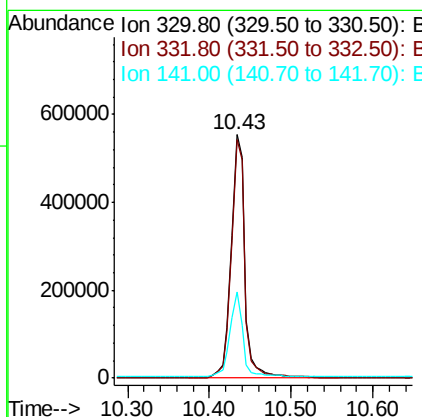
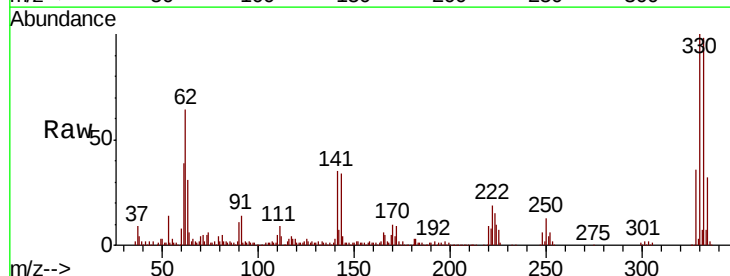
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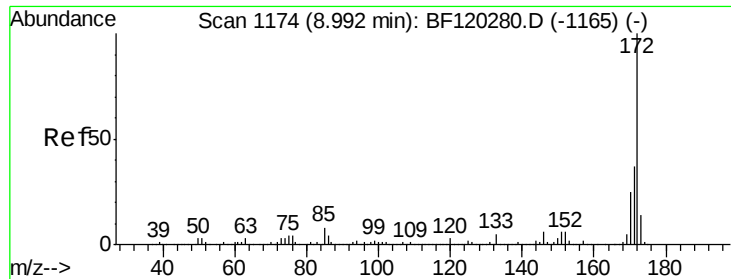
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#42
 2,4,6-Tribromophenol
 Concen: 52371.160 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF120348.D
 Acq: 18 May 2020 18:12

Tgt Ion:	330	Resp:	647769
Ion Ratio	Lower	Upper	
330	100		
332	96.9	76.5	114.7
141	32.2	25.4	38.0





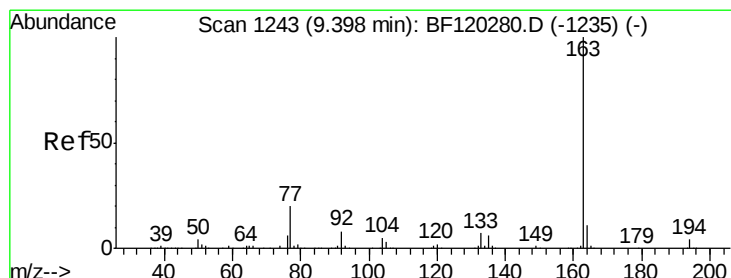
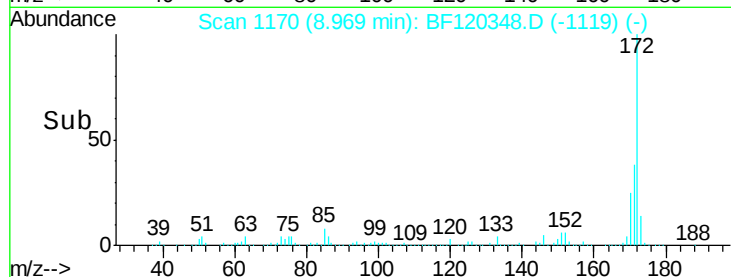
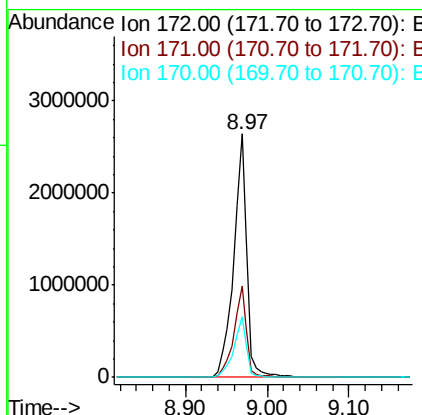
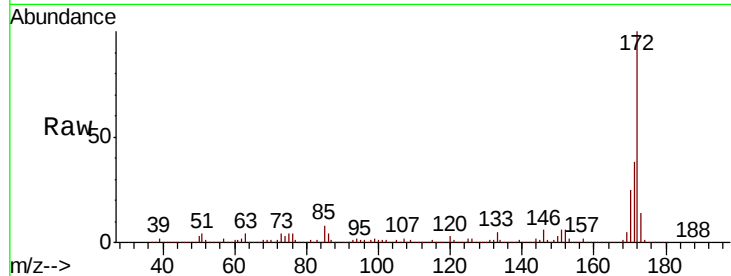
#45
2-Fluorobiphenyl
Concen: 40751.693 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF120348.D
Acq: 18 May 2020 18:12

Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	24.9	19.9	29.9

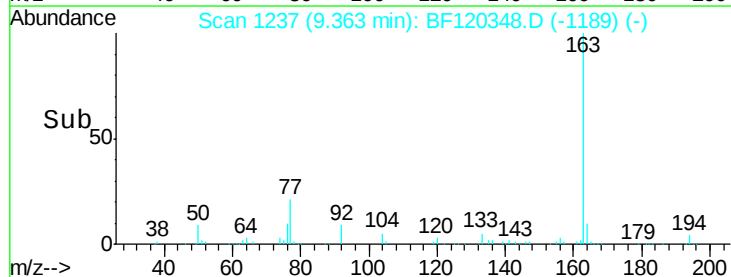
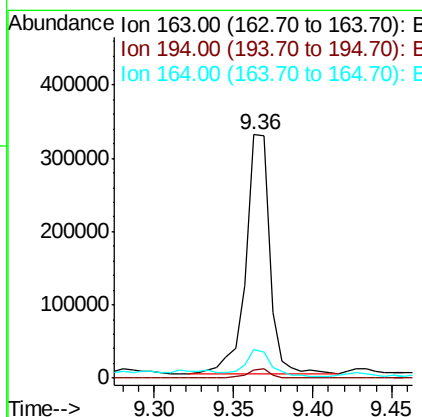
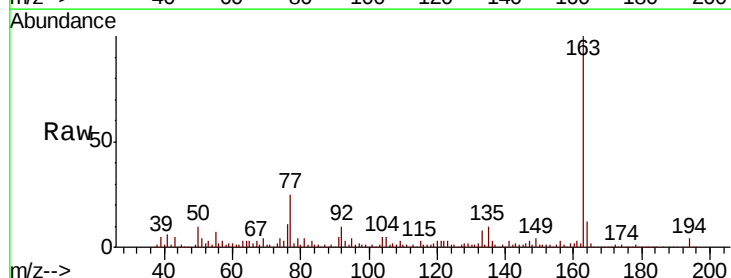
Manual Integrations
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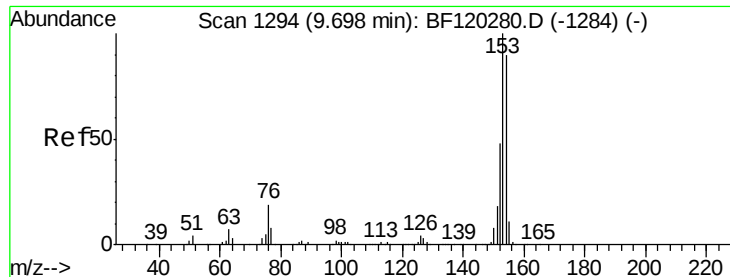
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#50
Dimethylphthalate
Concen: 3582.365 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BF120348.D
Acq: 18 May 2020 18:12

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.1	4.7
164	11.7	8.6	12.8





#52

Acenaphthene

Concen: 956.758 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA_F

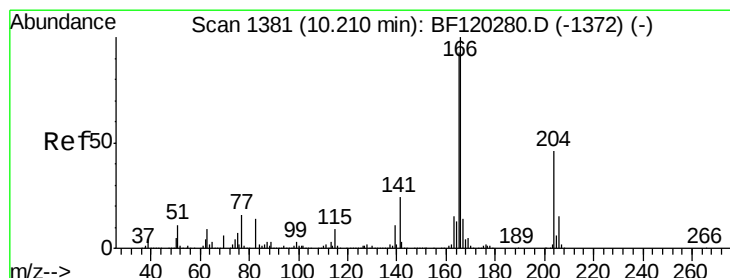
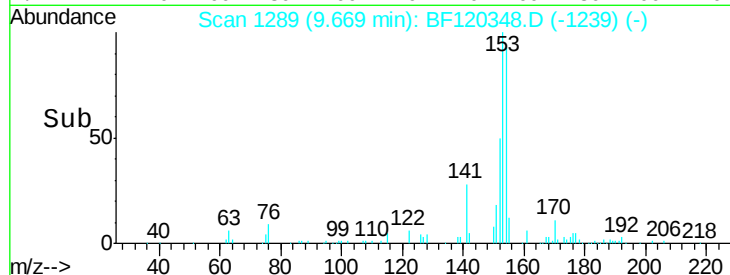
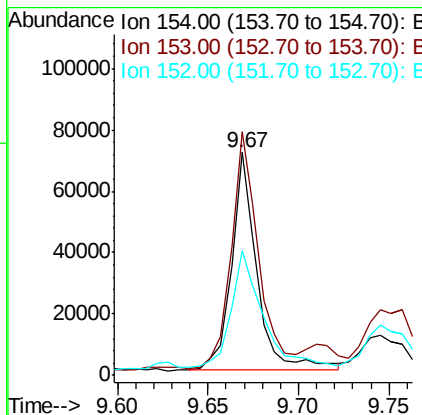
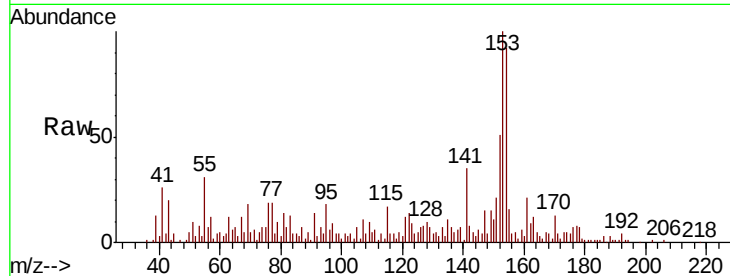
ClientSampleId :

SPLP-LEACHATE

Tot Ion:	154	Resp:	69846
Ion Ratio	Lower	Upper	
154	100		
153	109.2	89.0	133.4
152	56.0	42.6	64.0

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#58

Fluorene

Concen: 1521.947 ng

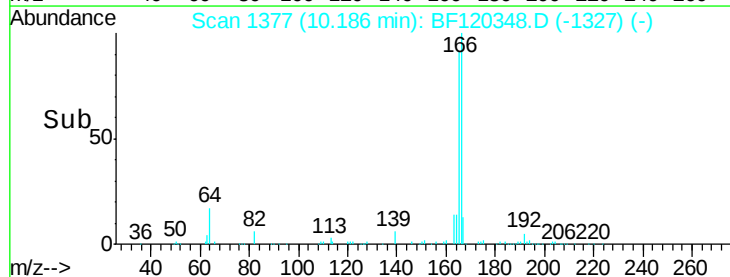
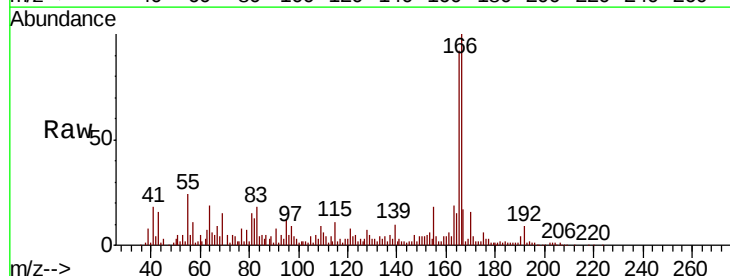
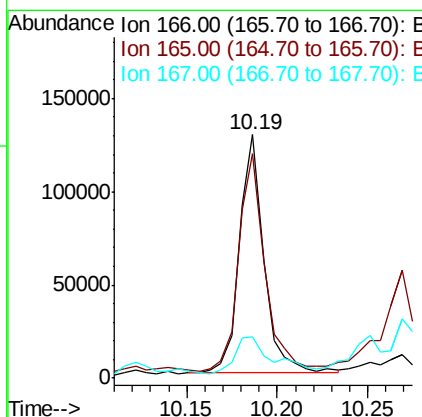
RT: 10.19 min Scan# 1377

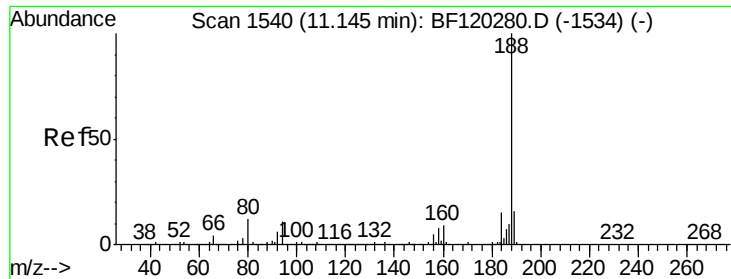
Delta R.T. -0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Tgt Ion:	166	Resp:	121851
Ion Ratio	Lower	Upper	
166	100		
165	92.4	74.7	112.1
167	17.1	11.4	17.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.12 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA_F

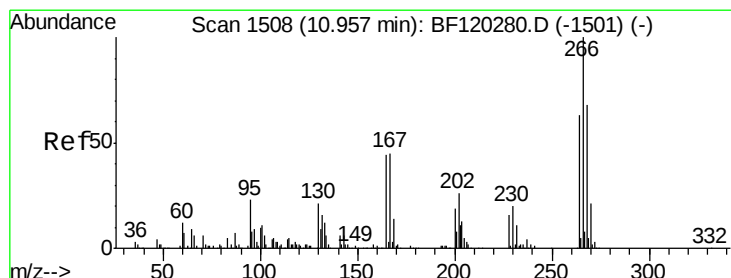
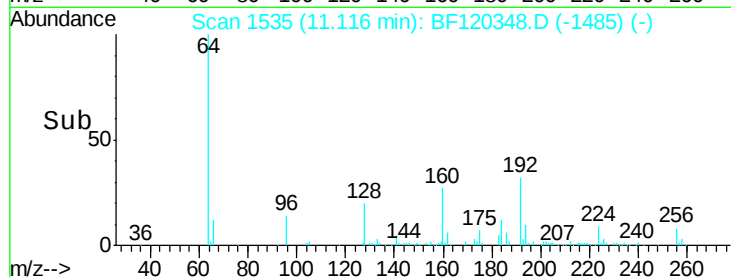
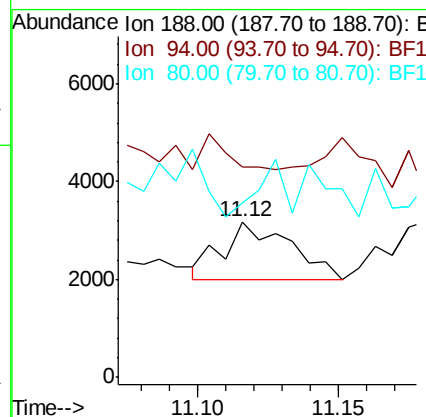
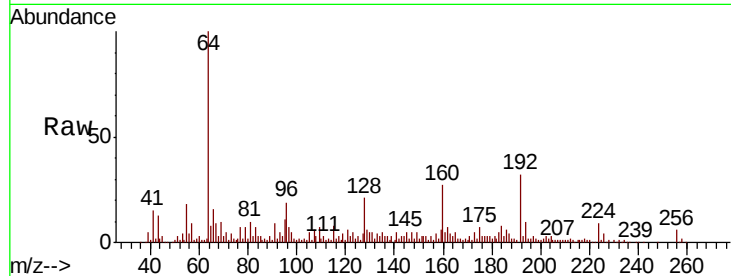
ClientSampleId :

SPLP-LEACHATE

Tot Ion:	188	Resp:	1940
Ion Ratio	Lower	Upper	
188	100		
94	135.3	8.6	13.0#
80	112.7	9.2	13.8#

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#70

Pentachlorophenol

Concen: 619.608 ng

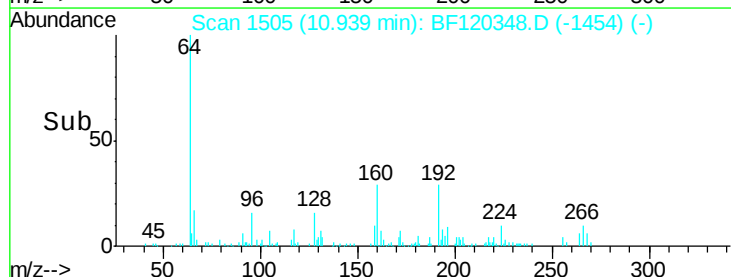
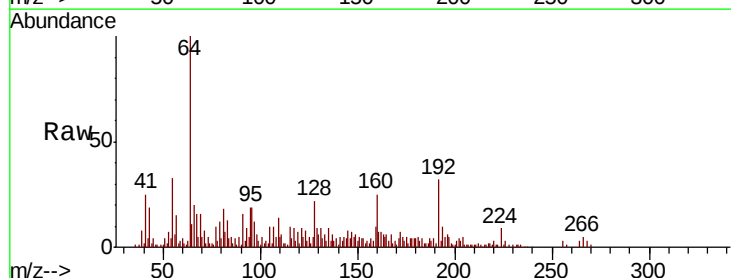
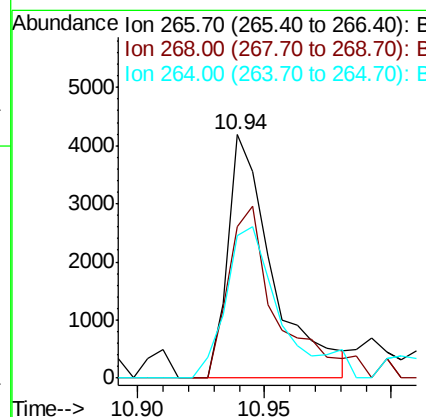
RT: 10.94 min Scan# 1505

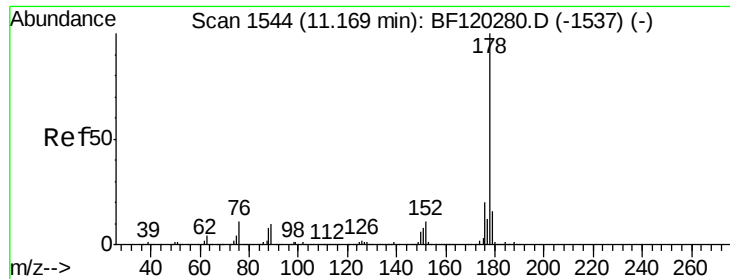
Delta R.T. -0.00 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Tgt Ion:	266	Resp:	5190
Ion Ratio	Lower	Upper	
266	100		
268	62.3	54.2	81.4
264	58.6	50.2	75.4





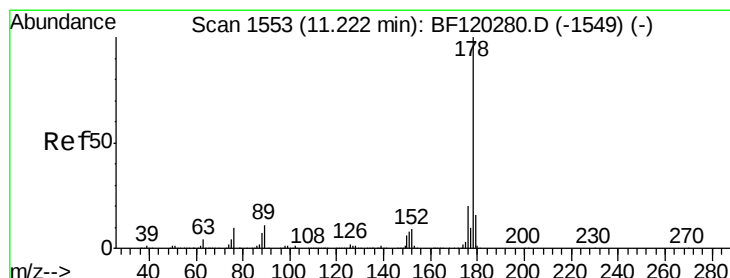
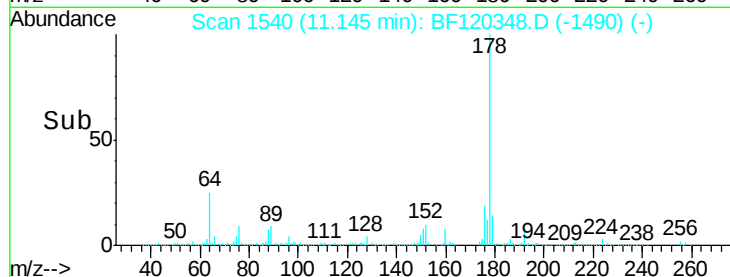
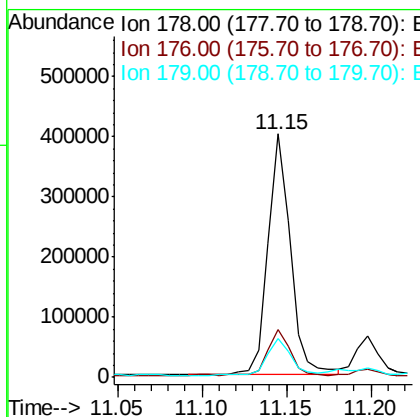
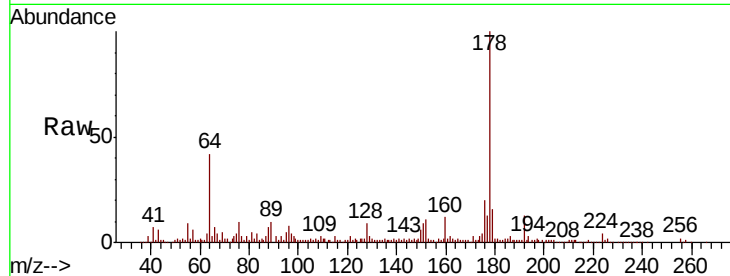
#71
Phenanthrene
Concen: 4547.237 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF120348.D
Acq: 18 May 2020 18:12

Instrument :
BNA_F
ClientSampleId :
SPLP-LEACHATE

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	16.1	12.8	19.2

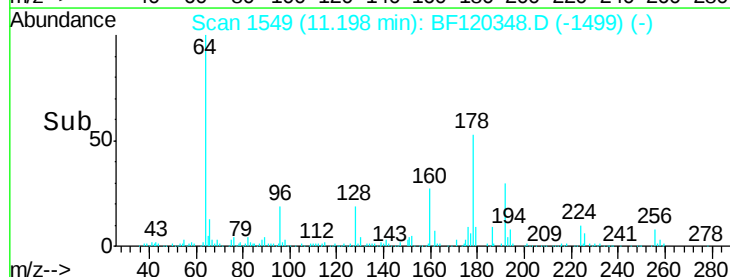
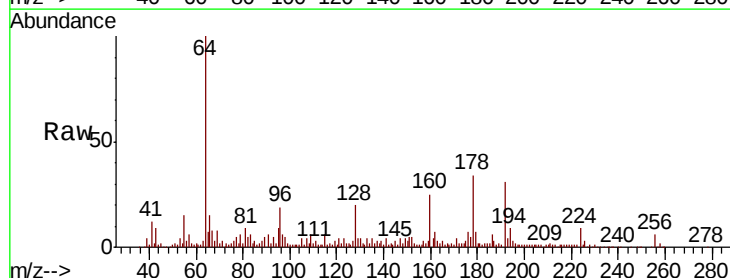
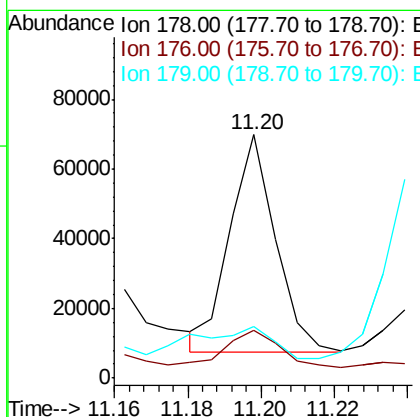
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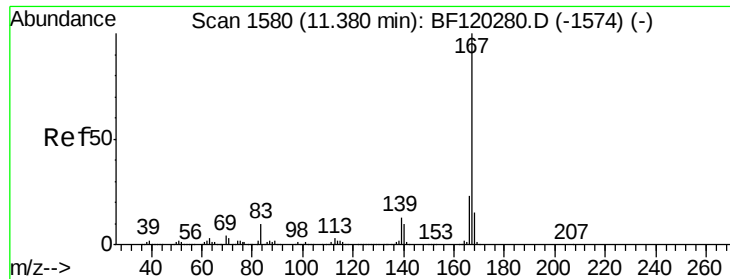
mohammad
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#72
Anthracene
Concen: 621.328 ng m
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF120348.D
Acq: 18 May 2020 18:12

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	21.2	13.0	19.6#





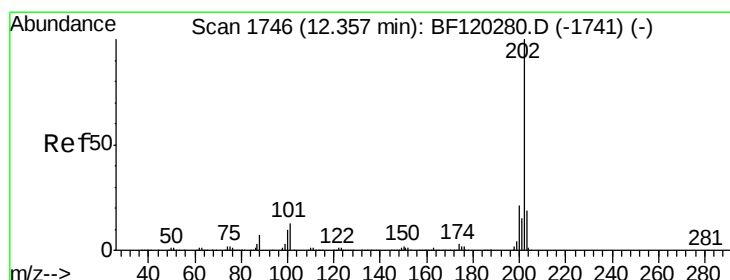
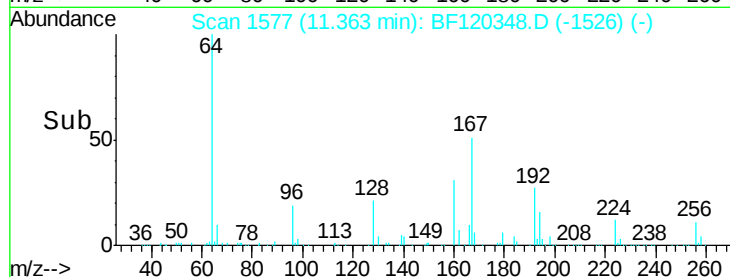
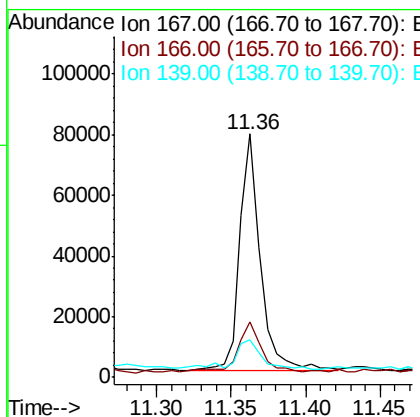
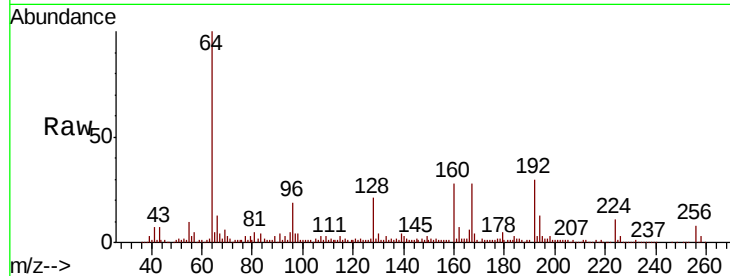
#73
 Carbazole
 Concen: 939.755 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF120348.D
 Acq: 18 May 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-LEACHATE

Tot Ion:	167	Resp:	76628
Ion Ratio	Lower	Upper	
167	100		
166	23.0	18.1	27.1
139	15.4	10.6	15.8

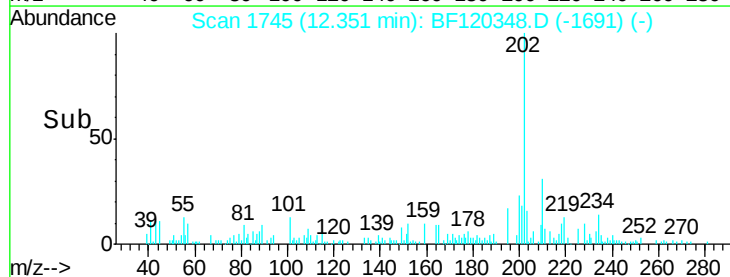
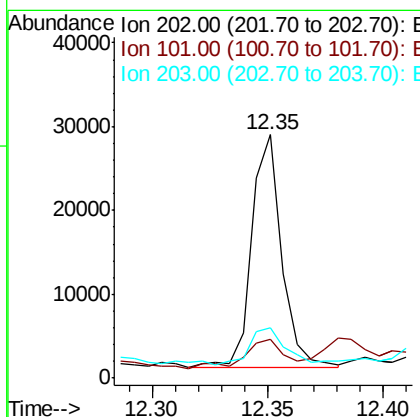
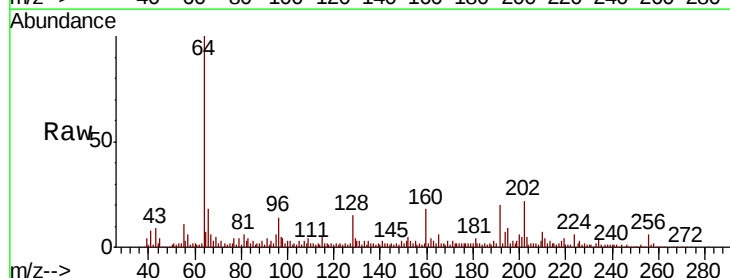
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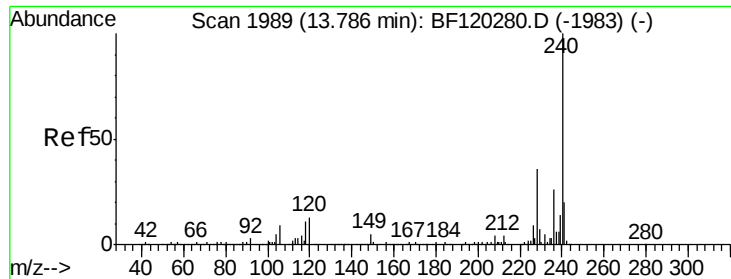
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#75
 Fluoranthene
 Concen: 287.074 ng
 RT: 12.35 min Scan# 1745
 Delta R.T. 0.02 min
 Lab File: BF120348.D
 Acq: 18 May 2020 18:12

Tgt Ion:	202	Resp:	25083
Ion Ratio	Lower	Upper	
202	100		
101	15.8	0.0	33.2
203	20.8	0.0	39.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.75 min Scan# 1982

Delta R.T. -0.02 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Instrument :

BNA_F

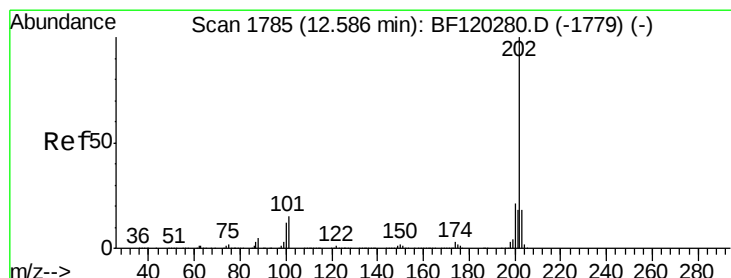
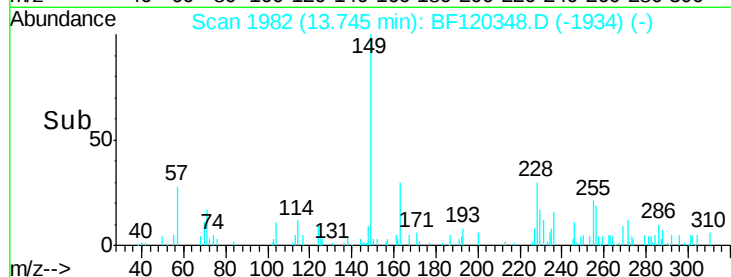
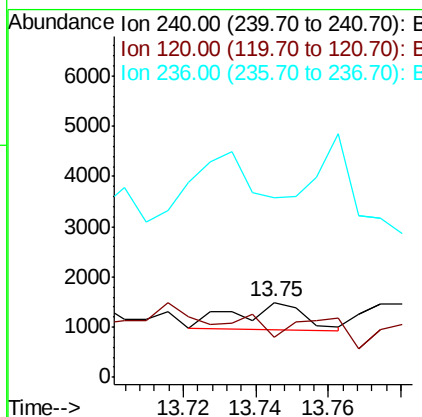
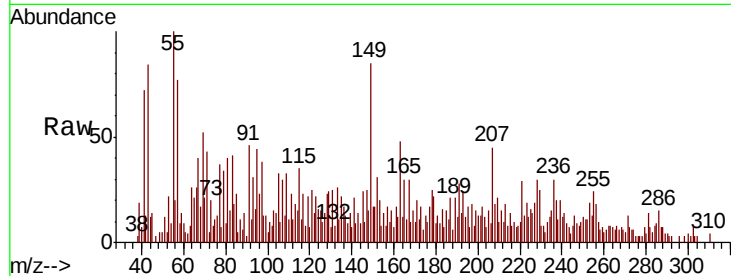
ClientSampleId :

SPLP-LEACHATE

Tot Ion:	240	Resp:	713
Ion Ratio	Lower	Upper	
240	100		
120	53.9	10.4	15.6#
236	239.5	21.0	31.6#

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#78

Pyrene

Concen: 707.593 ng

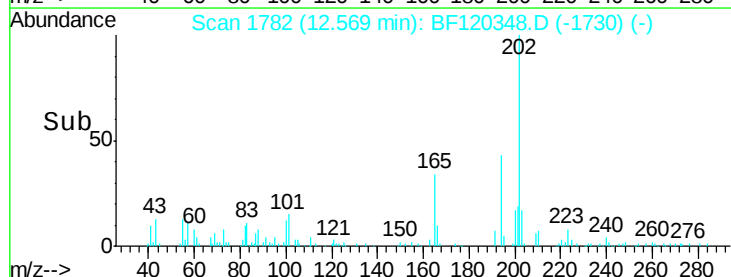
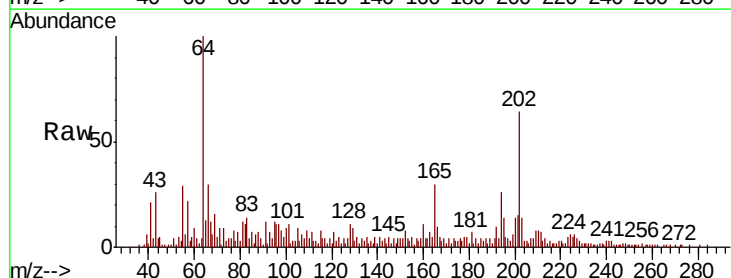
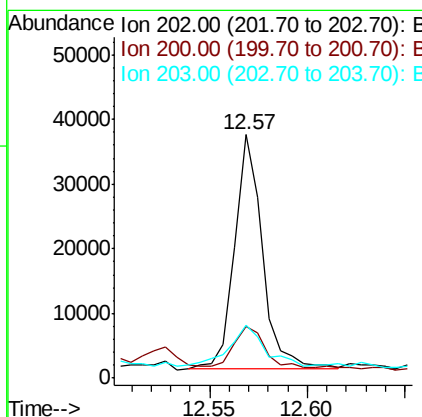
RT: 12.57 min Scan# 1782

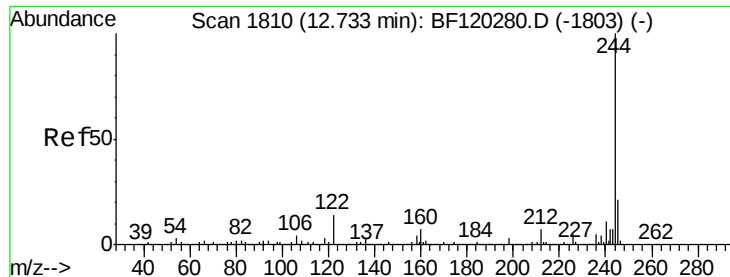
Delta R.T. 0.01 min

Lab File: BF120348.D

Acq: 18 May 2020 18:12

Tgt Ion:	202	Resp:	35967
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.6	25.0
203	21.9	14.6	22.0





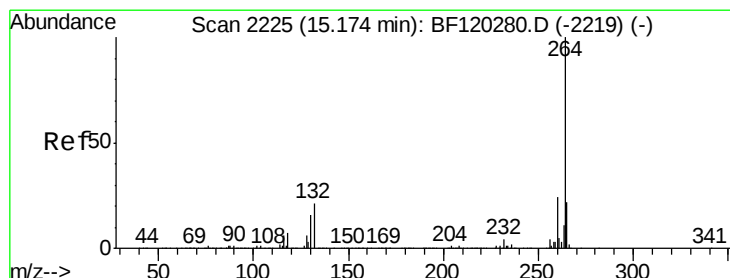
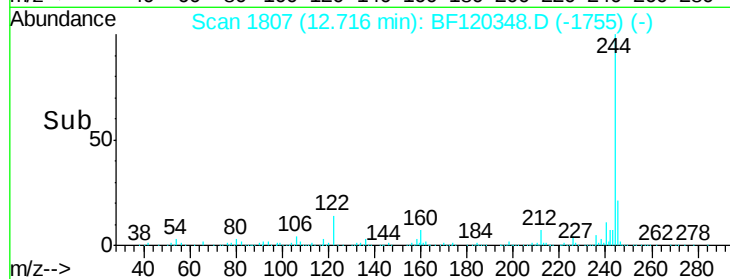
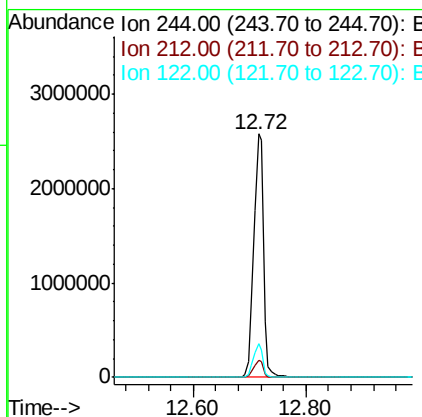
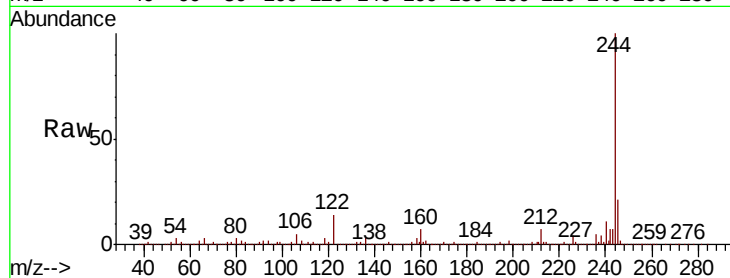
#79
 Terphenyl-d14
 Concen: 95623.171 ng
 RT: 12.72 min Scan# 1807
 Delta R.T. 0.01 min
 Lab File: BF120348.D
 Acq: 18 May 2020 18:12

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-LEACHATE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	13.7	10.8	16.2

Manual Integrations
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.13 min Scan# 2217
 Delta R.T. -0.02 min
 Lab File: BF120348.D
 Acq: 18 May 2020 18:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	57.8	19.0	28.6#
265	96.0	17.5	26.3#

