

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
 Data File : BF121104.D
 Acq On : 29 Jul 2020 16:21
 Operator : JU/CG
 Sample : L3460-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CARLSTADT-TOPSOIL-2020

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Quant Time: Jul 29 17:15:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	146982	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	554707	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	300883	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	572752	20.00	ng	0.00
76) Chrysene-d12	13.96	240	432054	20.00	ng	0.00
86) Perylene-d12	15.40	264	383573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	601569	67.10	ng	0.00
7) Phenol-d6	6.43	99	742199	64.08	ng	-0.01
23) Nitrobenzene-d5	7.36	82	489626	51.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	226274	68.70	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	946590	46.97	ng	0.00
79) Terphenyl-d14	12.90	244	1000240	50.32	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.55	163	105393	4.855	ng	Qvalue 100
88) Benzo(b)fluoranthene	14.98	252	50030m	2.158	ng	

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

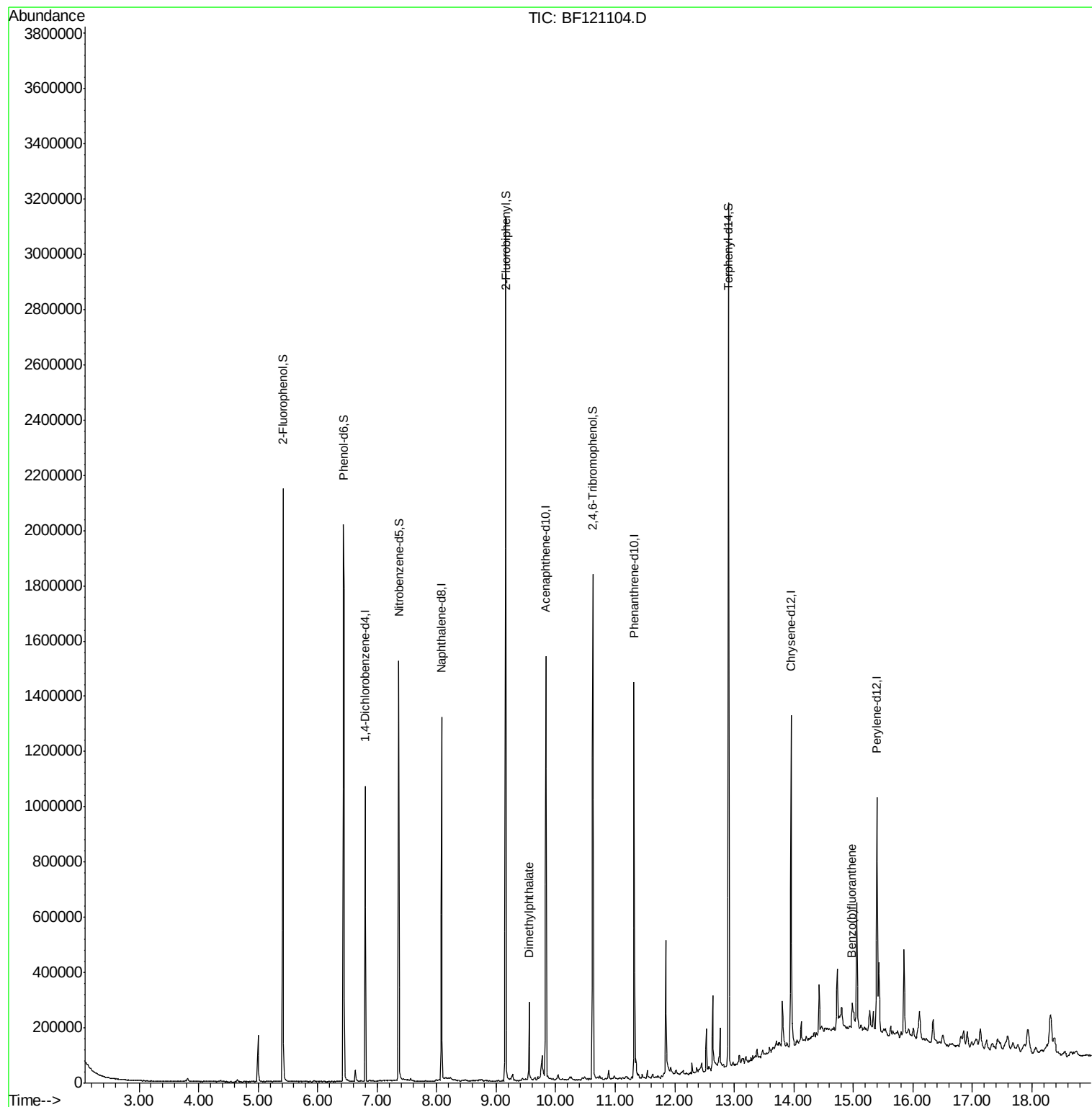
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
Data File : BF121104.D
Acq On : 29 Jul 2020 16:21
Operator : JU/CG
Sample : L3460-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

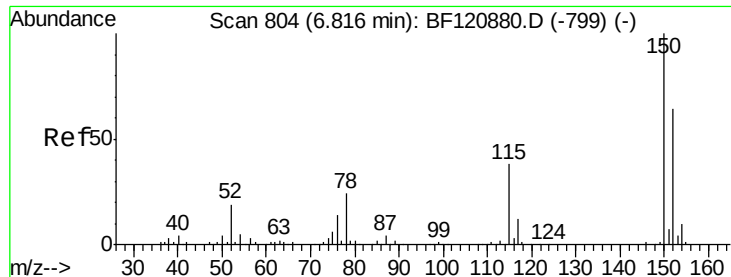
Instrument :
BNA_F
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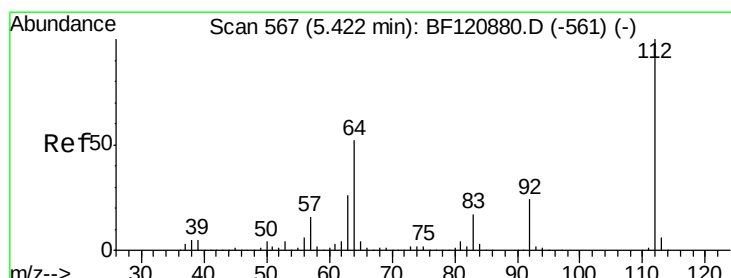
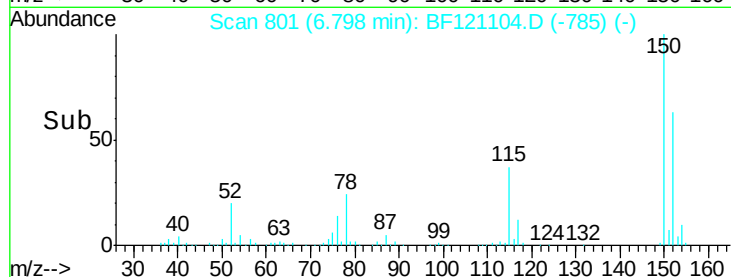
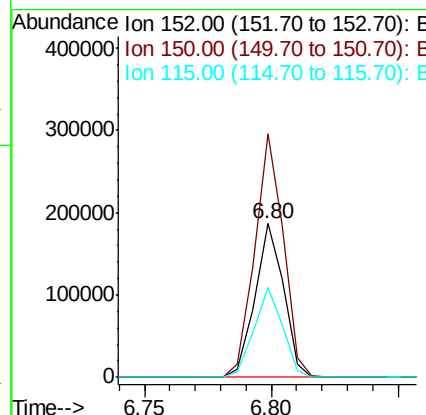
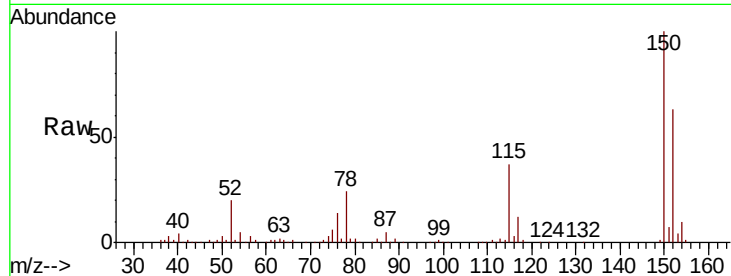
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF121104.D
 Acq: 29 Jul 2020 16:21

Instrument :
 BNA_F
 ClientSampleId :
 CARLSTADT-TOPSOIL-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	125.6	188.4
115	58.9	46.2	69.2

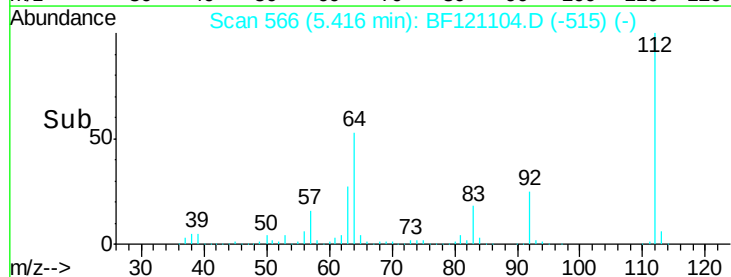
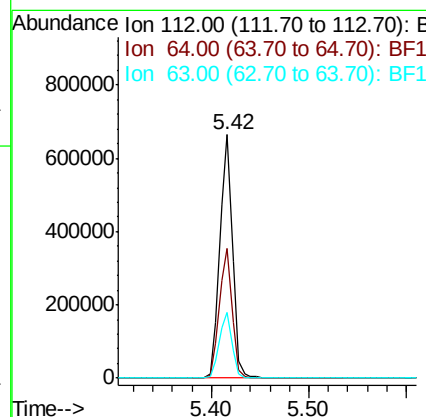
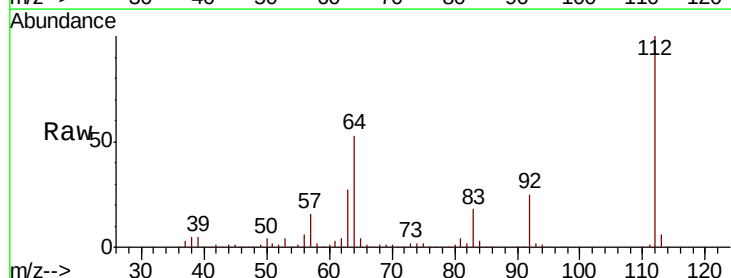
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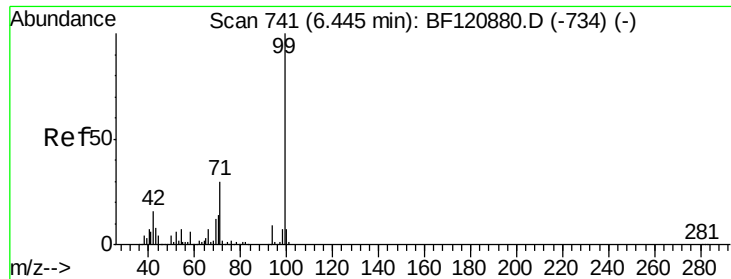
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#5
 2-Fluorophenol
 Concen: 67.096 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF121104.D
 Acq: 29 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	43.9	65.9
63	27.2	22.7	34.1





#7

Phenol-d6

Concen: 64.084 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121104.D

Acq: 29 Jul 2020 16:21

Instrument :

BNA_F

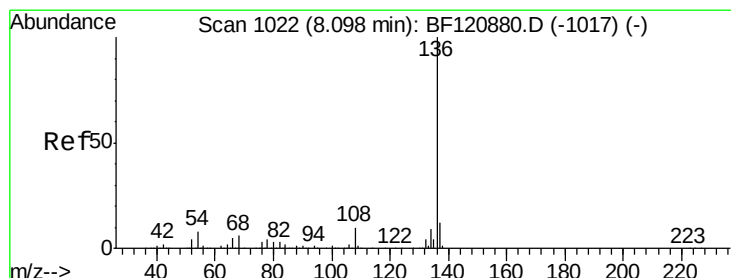
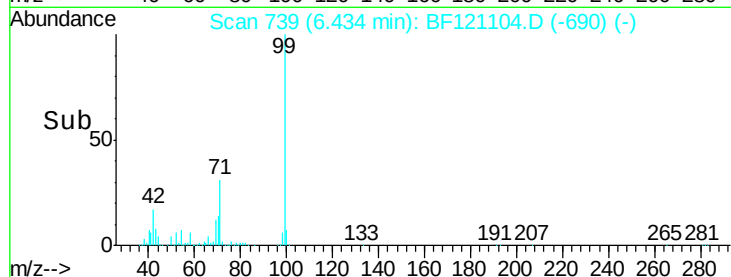
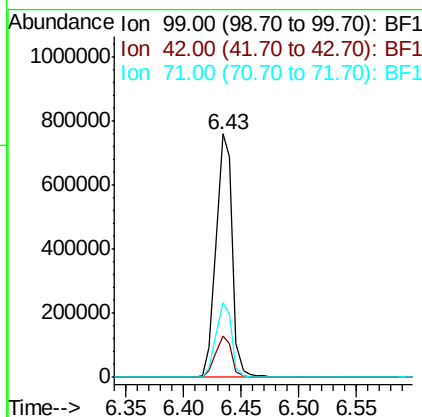
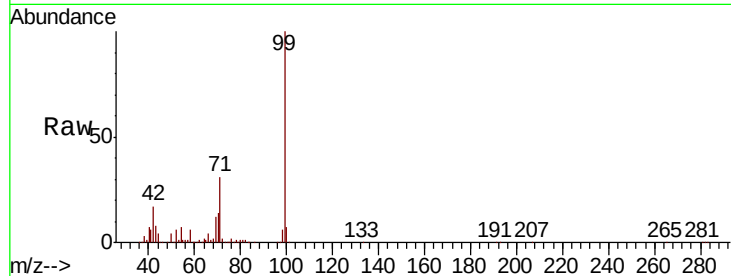
ClientSampleId :

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Tot Ion:	99	Resp:	742199
Ion Ratio	Lower	Upper	
99	100		
42	17.1	13.5	20.3
71	30.9	25.0	37.4

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#21

Naphthalene-d8

Concen: 20.000 ng

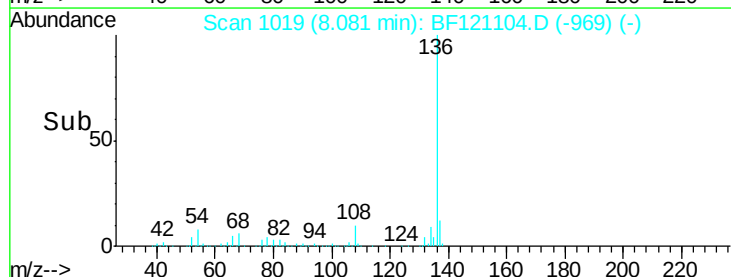
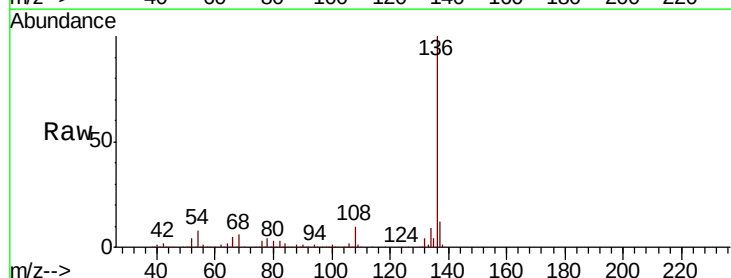
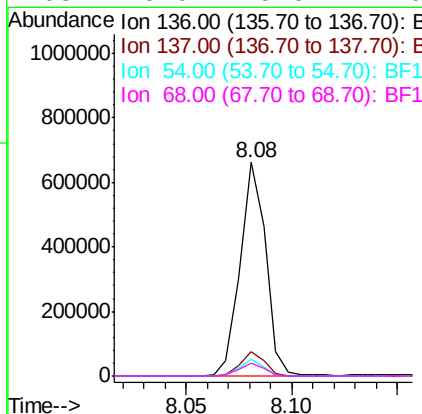
RT: 8.08 min Scan# 1019

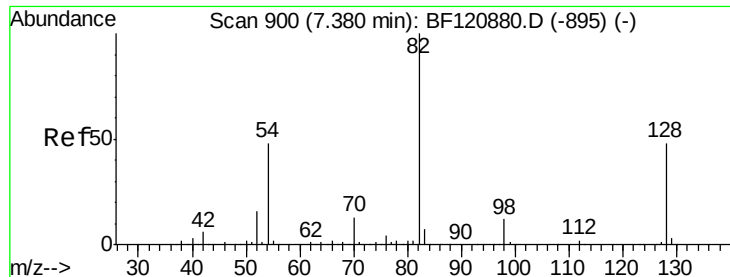
Delta R.T. -0.01 min

Lab File: BF121104.D

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Tgt Ion:	136	Resp:	554707
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.0	13.4
54	7.6	6.1	9.1
68	6.0	5.0	7.6





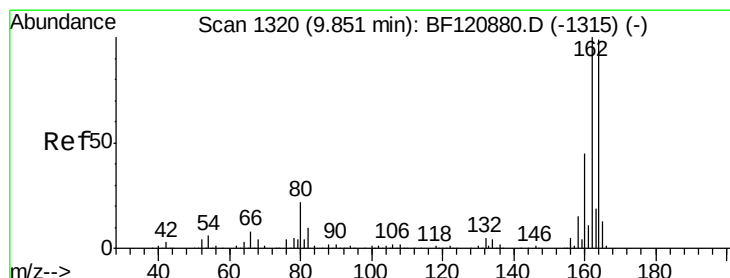
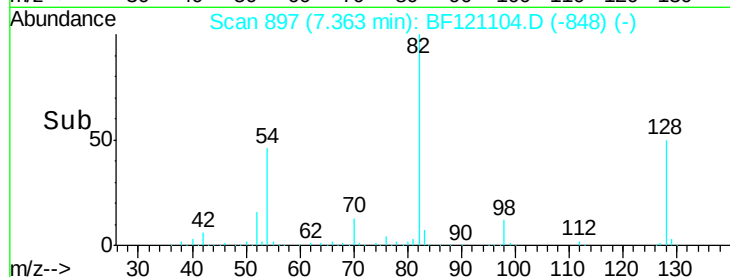
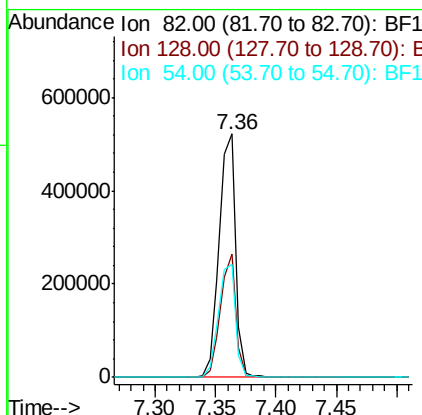
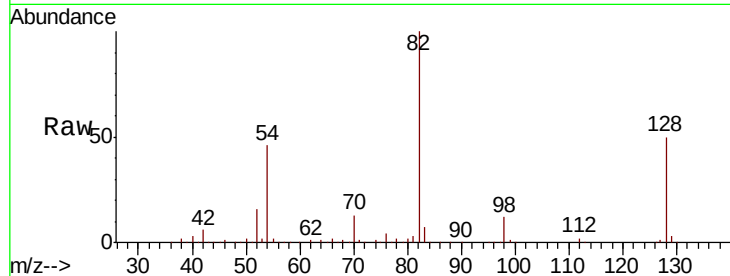
#23
Nitrobenzene-d5
Concen: 51.074 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF121104.D
Acq: 29 Jul 2020 16:21

Instrument :
BNA_F
ClientSampleId :
CARLSTADT-TOPSOIL-2020

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.5	39.2	58.8
54	46.5	37.8	56.8

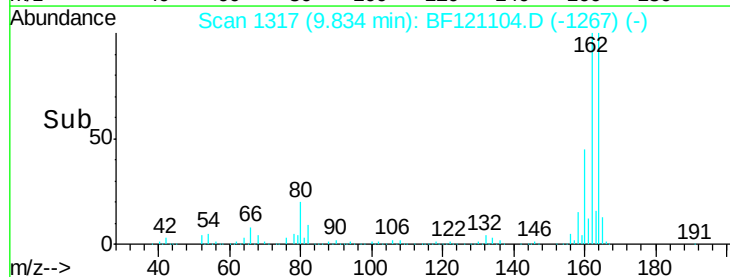
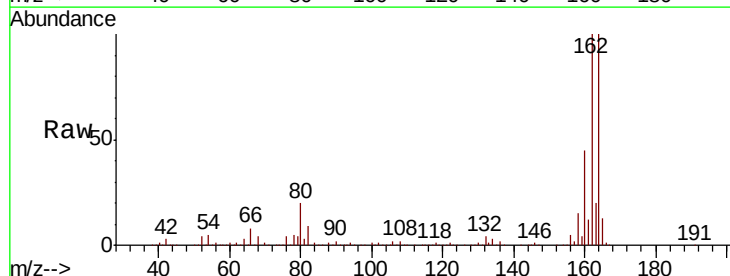
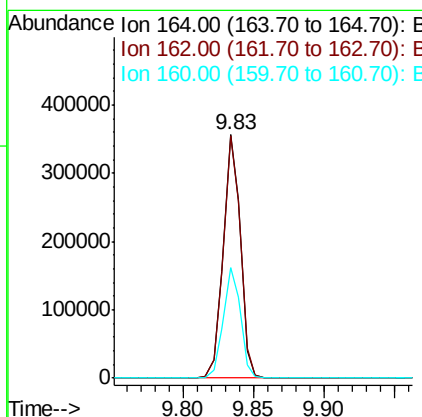
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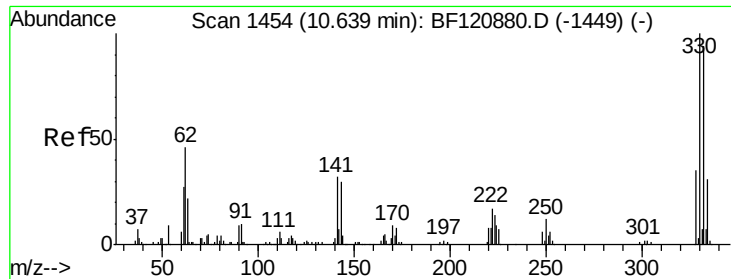
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121104.D
Acq: 29 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.2	123.2
160	45.2	37.2	55.8





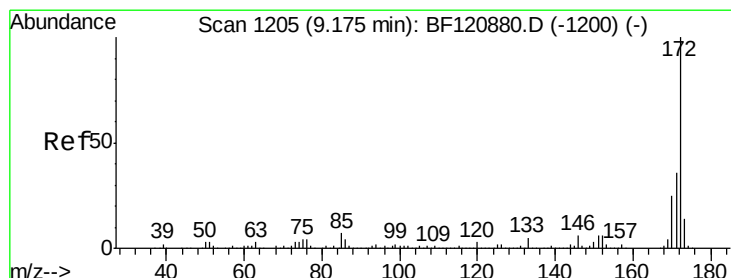
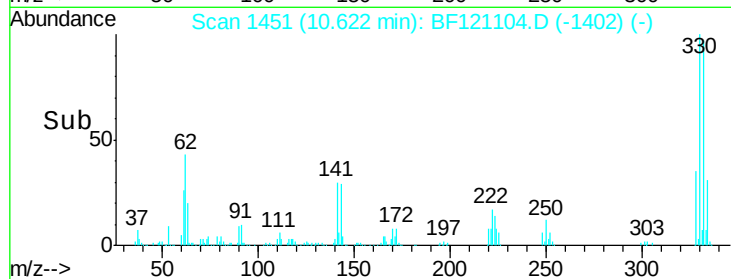
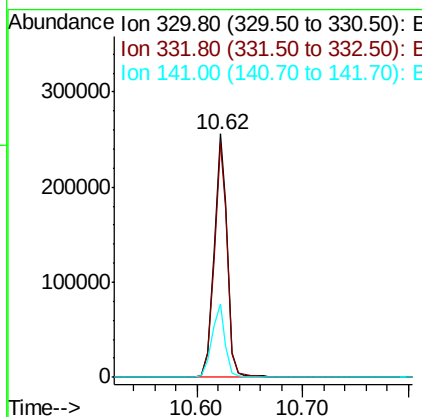
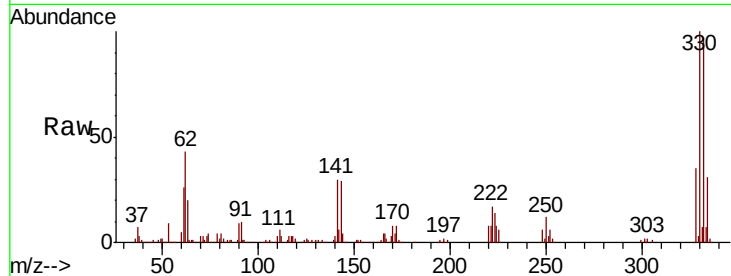
#42
 2,4,6-Tribromophenol
 Concen: 68.704 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF121104.D
 Acq: 29 Jul 2020 16:21

Instrument :
 BNA_F
 ClientSampleId :
 CARLSTADT-TOPSOIL-2020

Tot Ion	Ratio	Resp	Lower	Upper
330	100	226274		
332	96.2		76.1	114.1
141	30.2		24.1	36.1

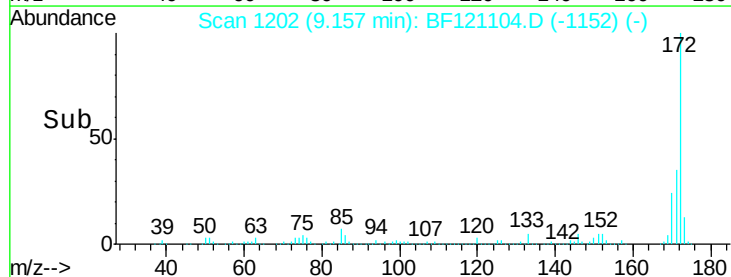
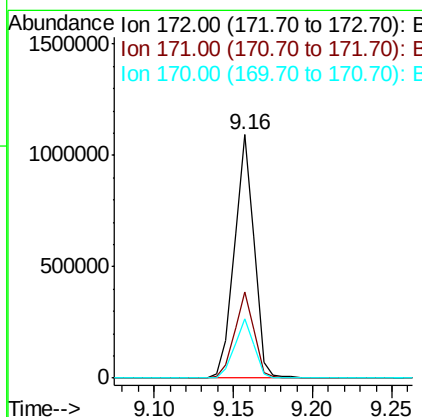
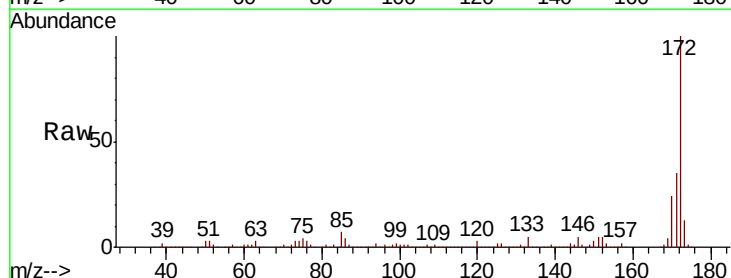
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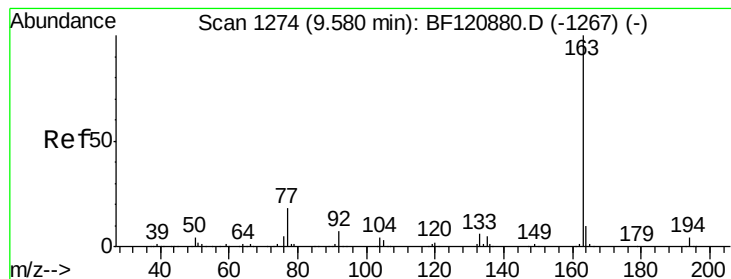
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#45
 2-Fluorobiphenyl
 Concen: 46.972 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121104.D
 Acq: 29 Jul 2020 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	946590		
171	35.4		29.0	43.4
170	24.1		19.6	29.4





#50

Dimethylphthalate

Concen: 4.855 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF121104.D

Acq: 29 Jul 2020 16:21

Instrument :

BNA_F

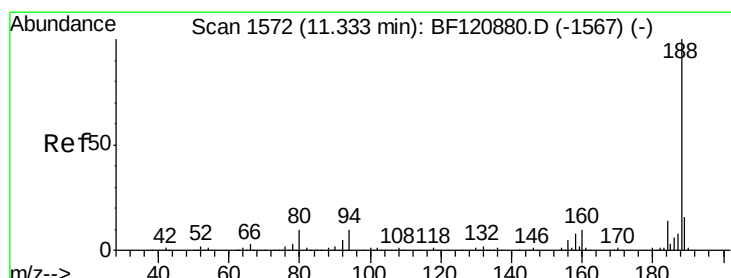
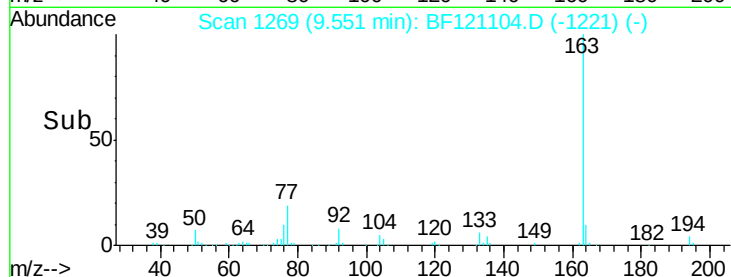
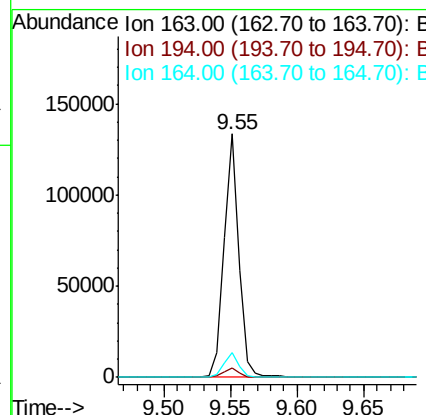
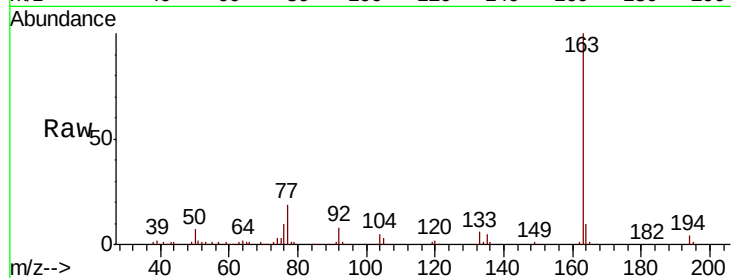
ClientSampleId :

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Tot Ion:	163	Resp:	105393
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.4
164	10.4	8.4	12.6

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#64

Phenanthrene-d10

Concen: 20.000 ng

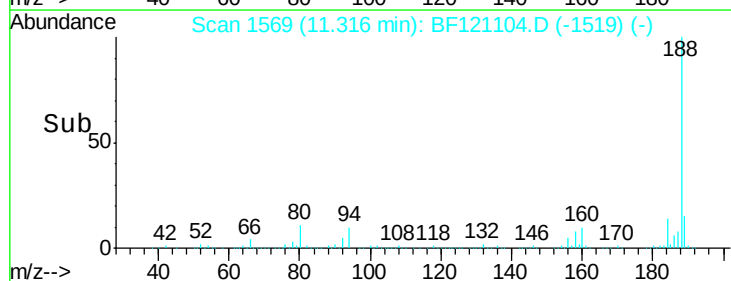
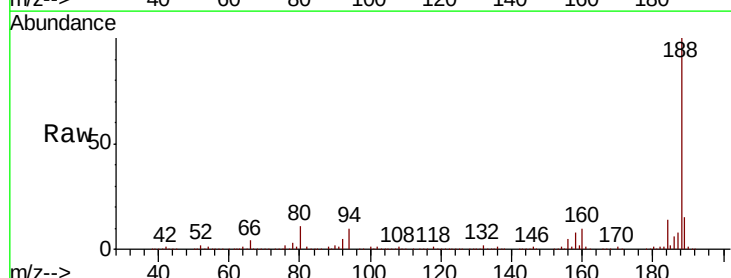
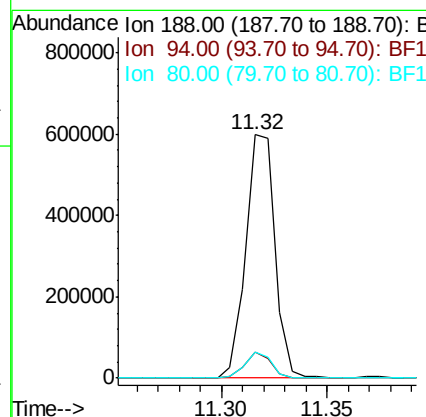
RT: 11.32 min Scan# 1569

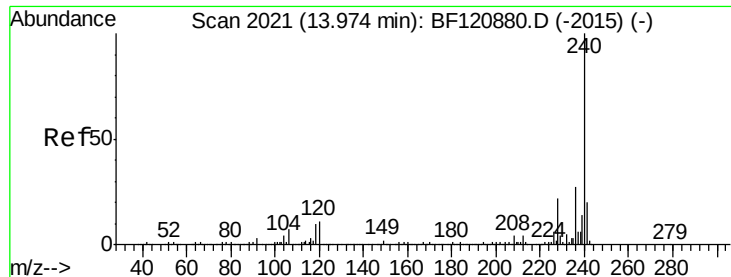
Delta R.T. -0.01 min

Lab File: BF121104.D

Acq: 29 Jul 2020 16:21

Tgt Ion:	188	Resp:	572752
Ion Ratio	Lower	Upper	
188	100		
94	10.5	8.0	12.0
80	10.6	8.3	12.5





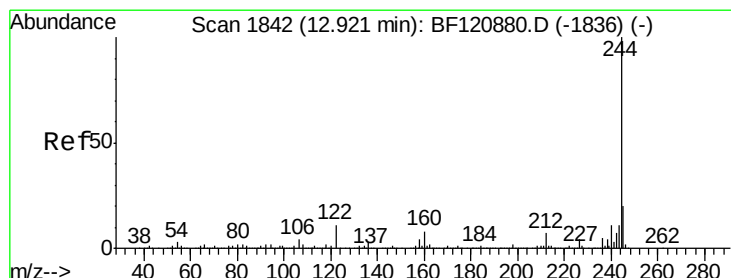
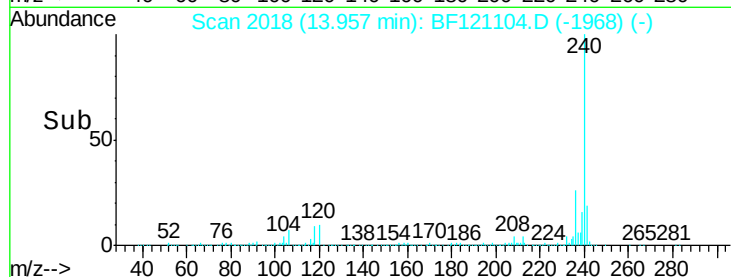
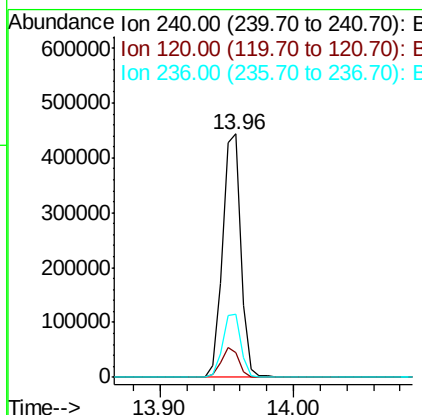
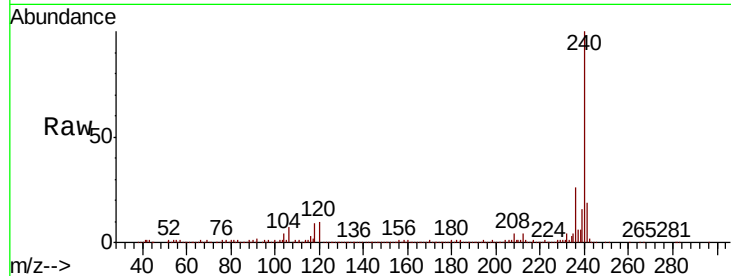
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF121104.D
 Acq: 29 Jul 2020 16:21

Instrument :
 BNA_F
 ClientSampleId :
 CARLSTADT-TOPSOIL-2020

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.3	13.9
236	26.2	21.1	31.7

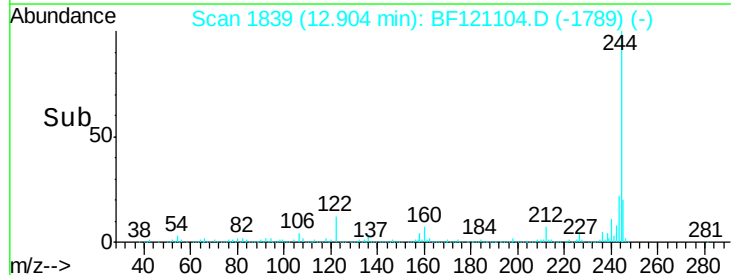
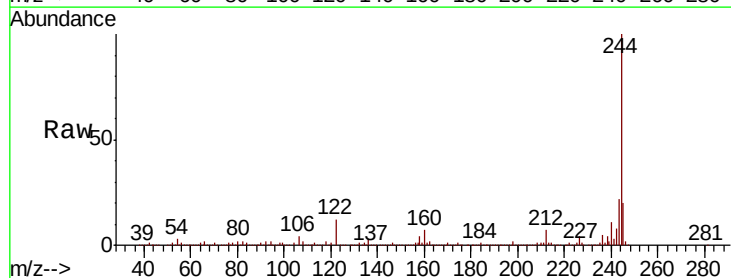
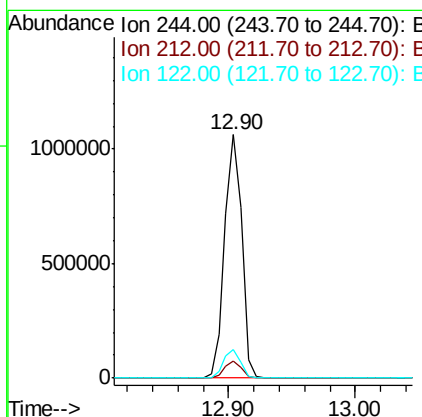
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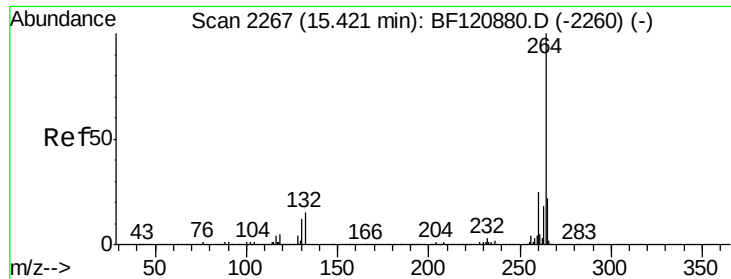
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#79
 Terphenyl-d14
 Concen: 50.325 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF121104.D
 Acq: 29 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	11.8	8.3	12.5





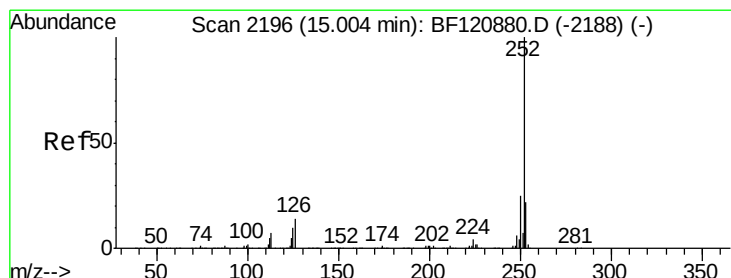
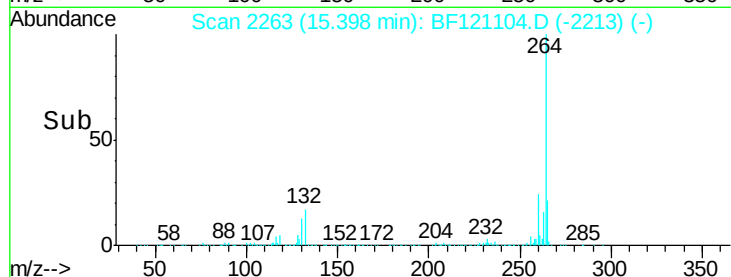
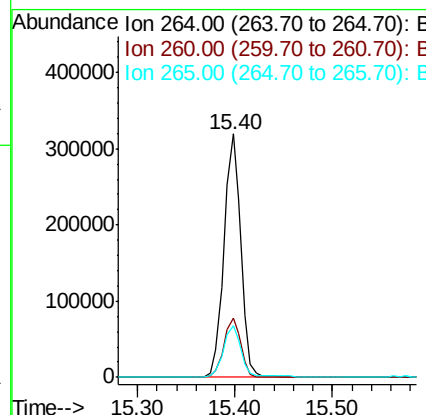
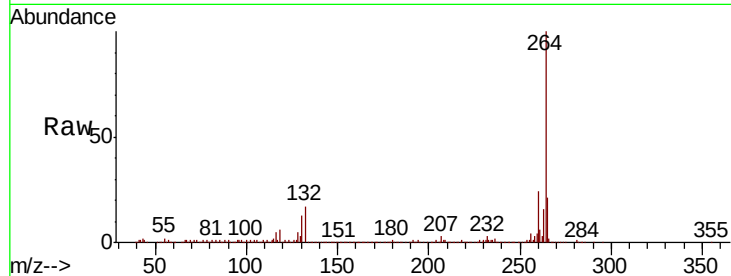
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF121104.D
Acq: 29 Jul 2020 16:21

Instrument :
BNA_F
ClientSampleId :
CARLSTADT-TOPSOIL-2020

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.9	29.9
265	21.1	17.8	26.8

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#88
Benzo(b)fluoranthene
Concen: 2.158 ng m
RT: 14.98 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF121104.D
Acq: 29 Jul 2020 16:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.9	26.9
125	13.7	8.1	12.1#

