

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
 Data File : BP000525.D
 Acq On : 04 Oct 2019 22:25
 Operator : JU
 Sample : K5158-01DL 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ROLL-OFFDL

Manual Integrations
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Quant Time: Oct 05 01:02:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	256144	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	957572	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	532096	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	934509	20.00	ng	0.00
76) Chrysene-d12	13.98	240	759450	20.00	ng	0.00
87) Perylene-d12	15.46	264	830667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	676928	42.48	ng	0.00
7) Phenol-d6	6.40	99	889577	46.33	ng	0.00
23) Nitrobenzene-d5	7.32	82	467022	29.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	258896	45.66	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1146058	34.85	ng	0.00
79) Terphenyl-d14	12.91	244	1239801	33.05	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.53	163	160610	4.344	ng	99
70) Pentachlorophenol	11.12	266	432599	90.100	ng	97
75) Fluoranthene	12.53	202	410655	7.791	ng	98
78) Pyrene	12.76	202	511573	9.767	ng	98
81) Benzo(a)anthracene	13.97	228	266130	5.743	ng	95
83) Chrysene	14.00	228	222099	4.883	ng	96
88) Benzo(b)fluoranthene	15.03	252	395559m	8.394	ng	
89) Benzo(k)fluoranthene	15.06	252	133675m	2.979	ng	
90) Benzo(a)pyrene	15.39	252	187737	4.274	ng	# 96
92) Benzo(g,h,i)perylene	17.37	276	87085	2.011	ng	95

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

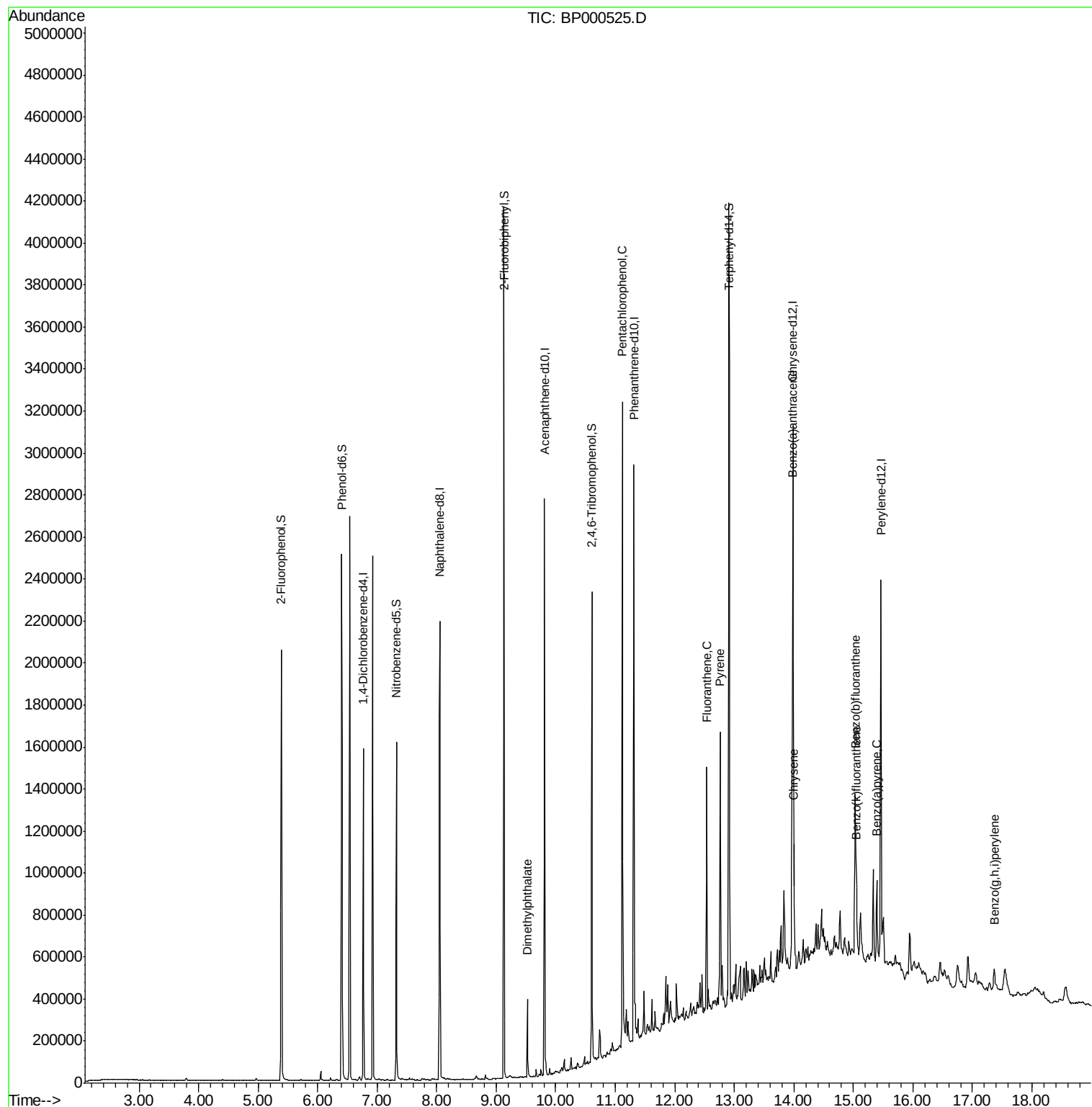
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000525.D
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Operator : JU
Sample : K5158-01DL 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

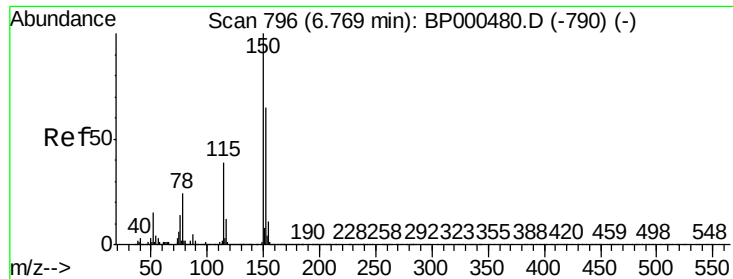
Instrument :
BNA_P
ClientSampleId :
ROLL-OFFDL

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Quant Time: Oct 05 01:02:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

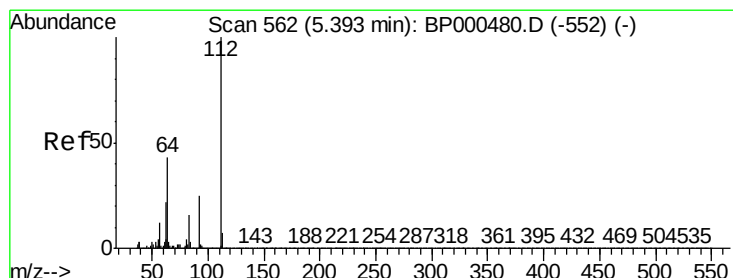
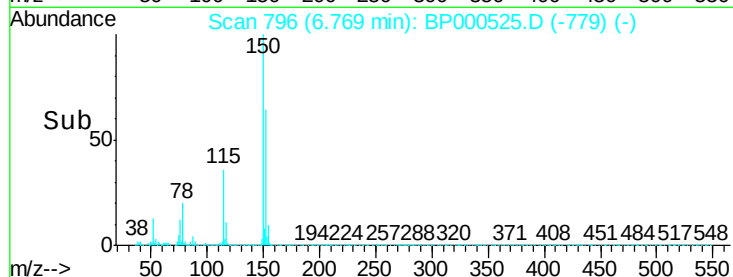
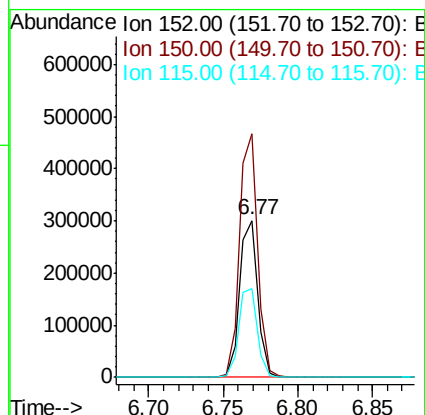
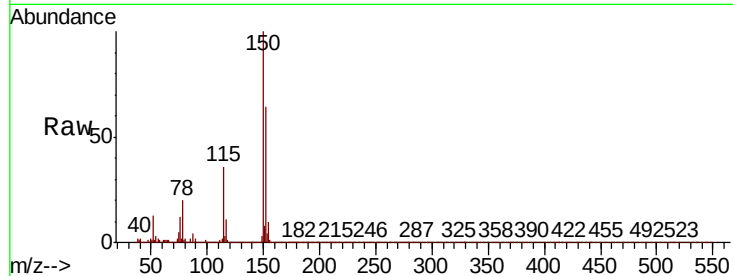
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BP000525.D
Acq: 04 Oct 2019 22:25

Instrument :
BNA_P
ClientSampleId :
ROLL-OFFDL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.1	186.1
115	56.4	48.7	73.1

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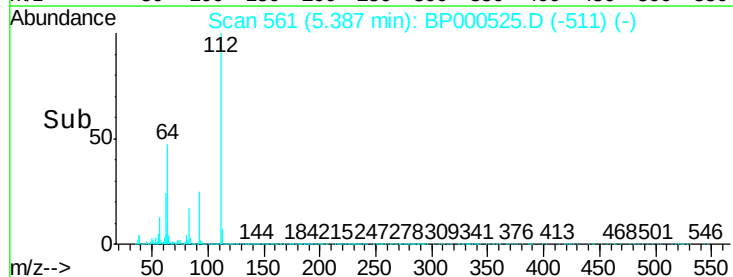
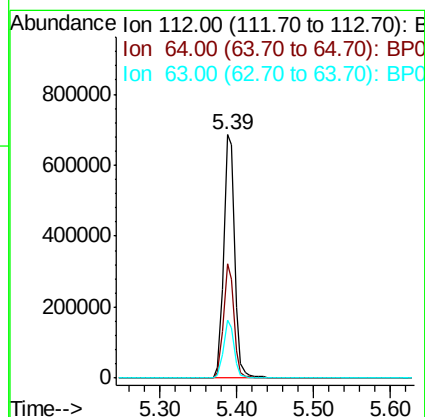
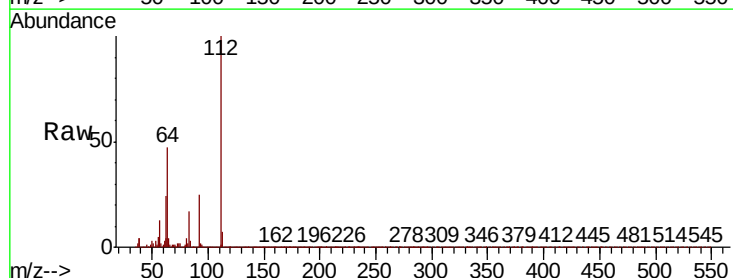
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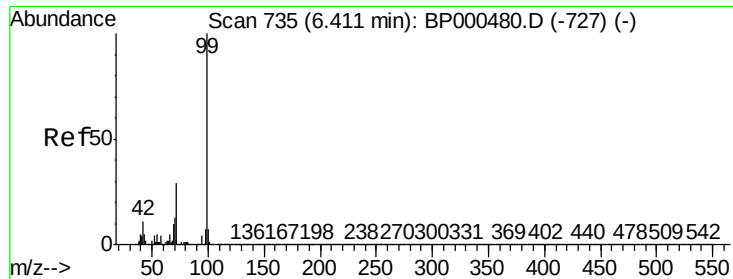


#5

2-Fluorophenol
Concen: 42.481 ng
RT: 5.39 min Scan# 561
Delta R.T. -0.01 min
Lab File: BP000525.D
Acq: 04 Oct 2019 22:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.8	34.2	51.4
63	23.8	17.9	26.9





#7

Phenol-d6

Concen: 46.327 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BP000525.D

Acq: 04 Oct 2019 22:25

Instrument :

BNA_P

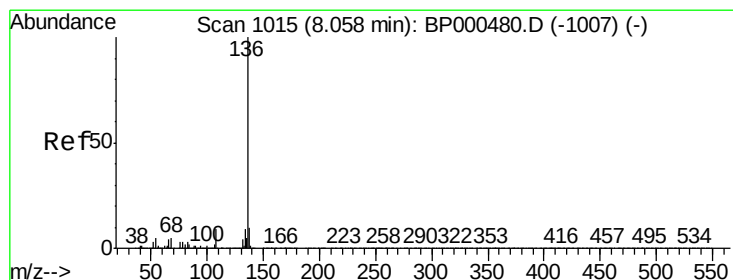
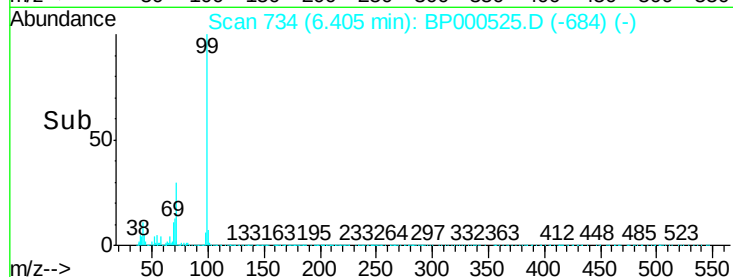
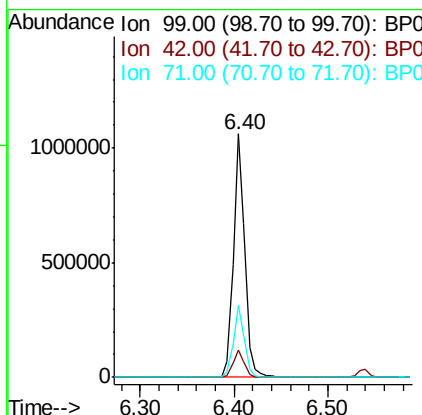
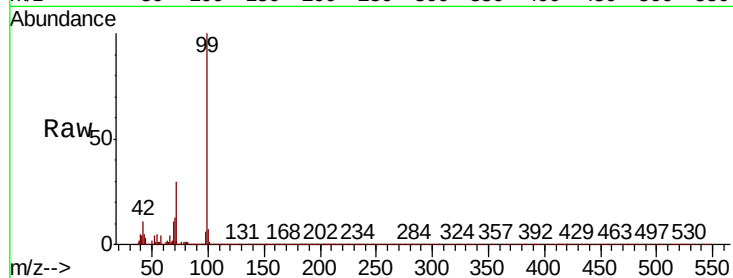
ClientSampleId :

ROLL-OFFDL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		889577		
42	11.3	8.6	12.8		
71	29.6	23.0	34.4		

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#21

Naphthalene-d8

Concen: 20.000 ng

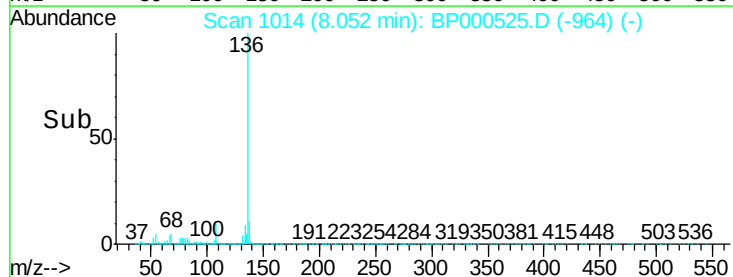
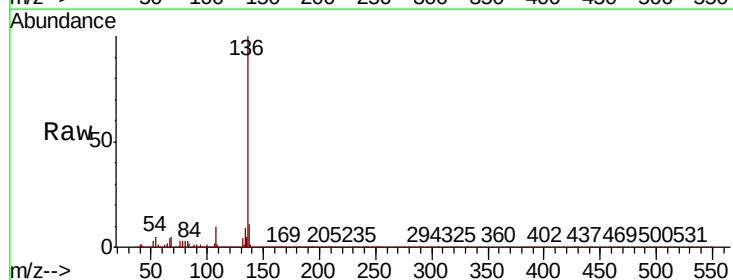
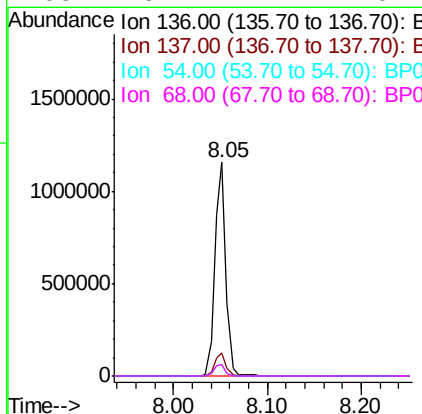
RT: 8.05 min Scan# 1014

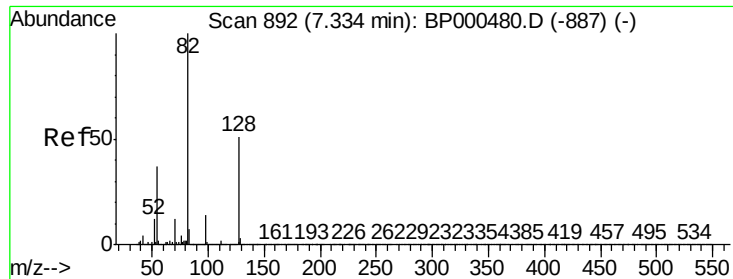
Delta R.T. -0.01 min

Lab File: BP000525.D

Acq: 04 Oct 2019 22:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		957572		
137	10.9	8.2	12.4		
54	5.2	4.1	6.1		
68	5.2	4.1	6.1		





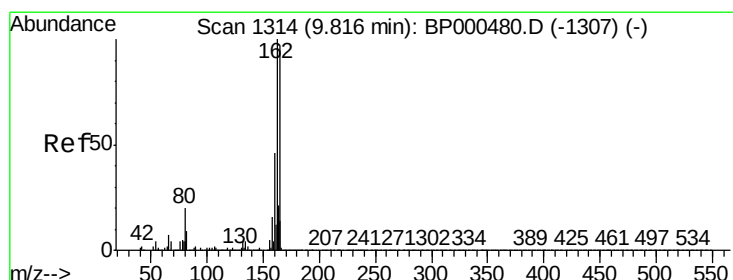
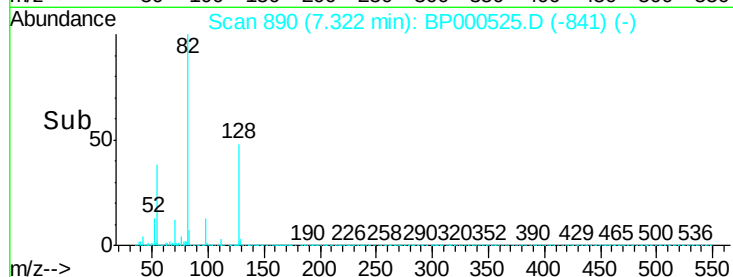
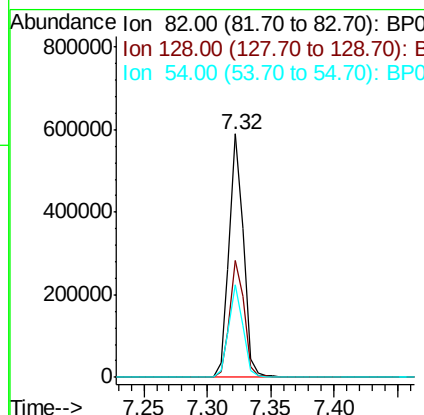
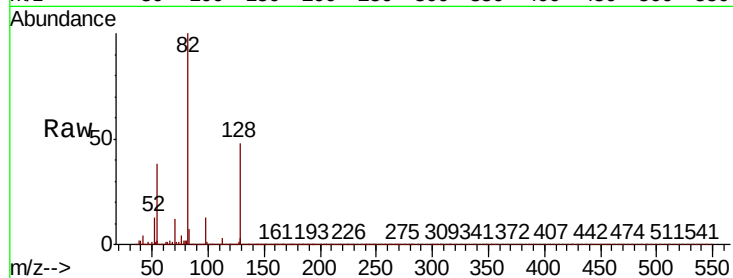
#23
 Nitrobenzene-d5
 Concen: 29.787 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BP000525.D
 Acq: 04 Oct 2019 22:25

Instrument :
 BNA_P
 ClientSampleId :
 ROLL-OFFDL

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	40.9	61.3
54	38.2	29.4	44.2

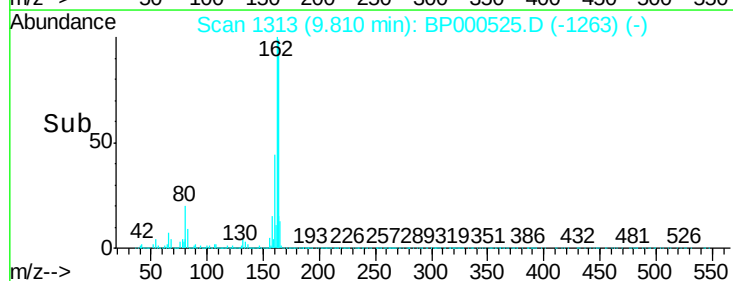
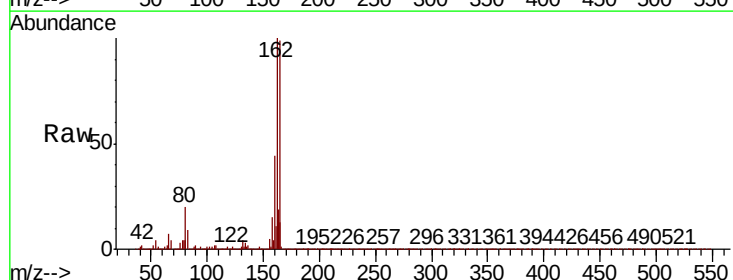
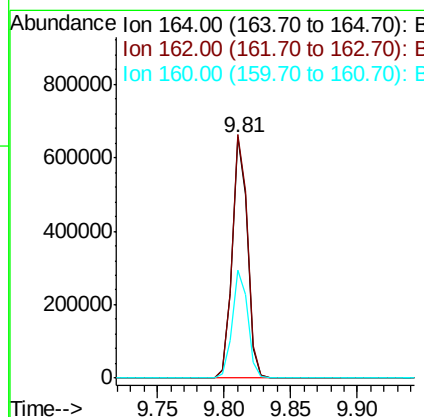
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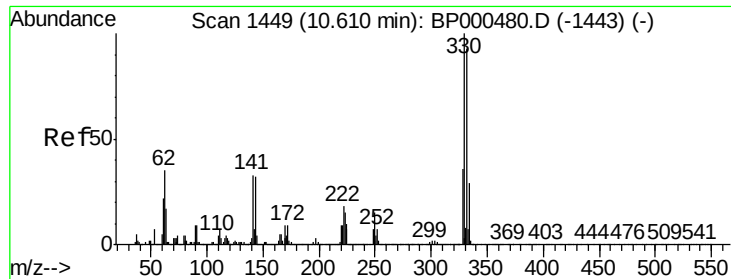
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BP000525.D
 Acq: 04 Oct 2019 22:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.2	123.2
160	44.6	37.6	56.4





#42

2,4,6-Tribromophenol

Concen: 45.660 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BP000525.D

Acq: 04 Oct 2019 22:25

Instrument :

BNA_P

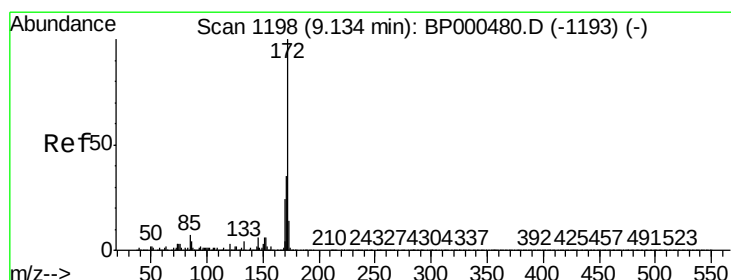
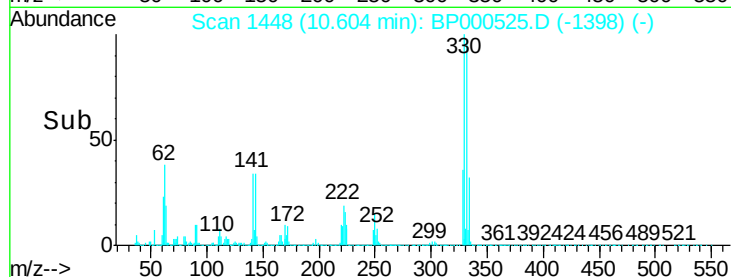
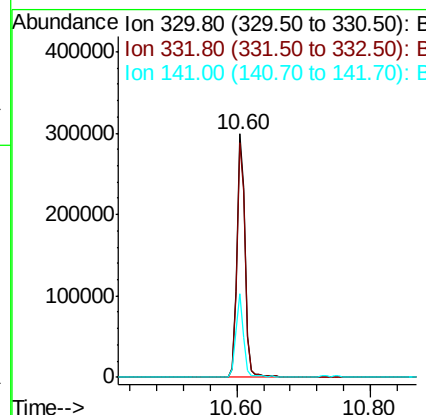
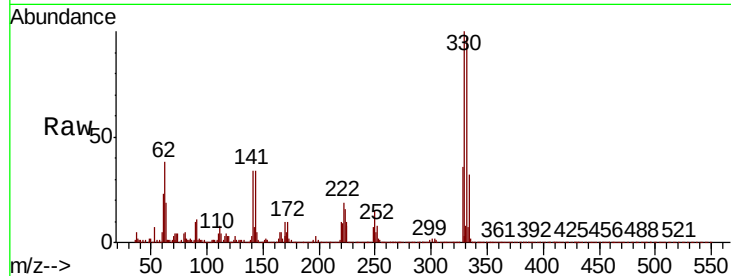
ClientSampleId :

ROLL-OFFDL

Tot Ion:	330	Resp:	258896
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.1	115.7
141	32.1	26.0	39.0

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#45

2-Fluorobiphenyl

Concen: 34.849 ng

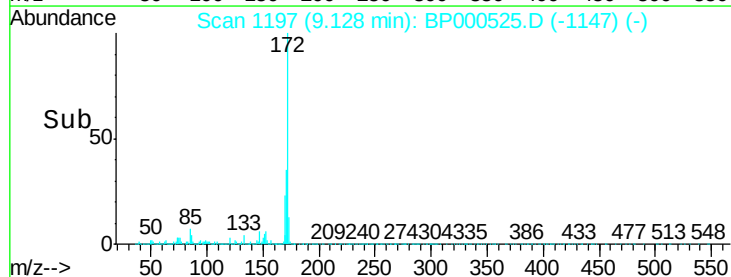
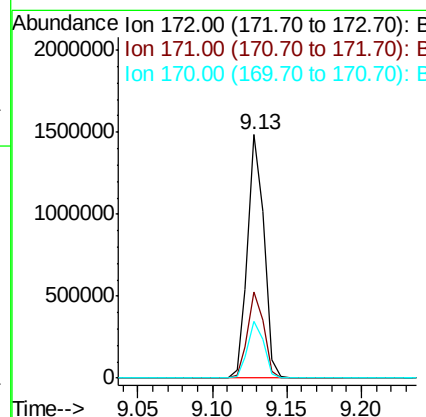
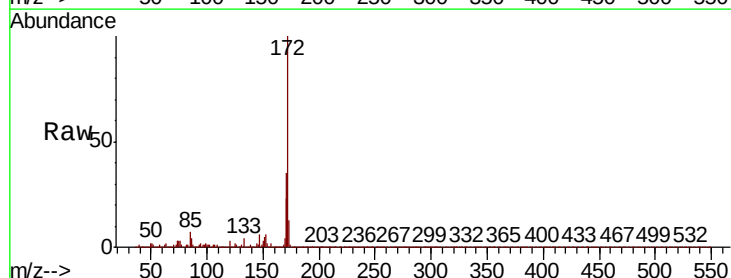
RT: 9.13 min Scan# 1197

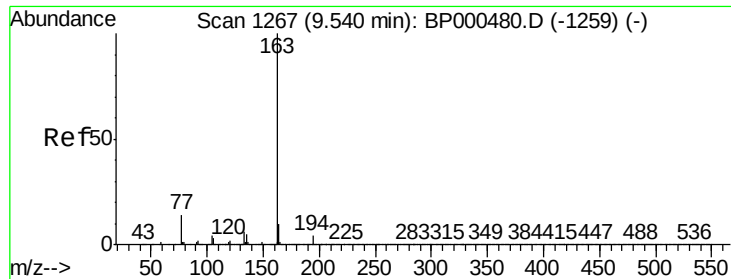
Delta R.T. -0.01 min

Lab File: BP000525.D

Acq: 04 Oct 2019 22:25

Tgt Ion:	172	Resp:	1146058
Ion Ratio	Lower	Upper	
172	100		
171	35.5	28.4	42.6
170	23.3	19.1	28.7





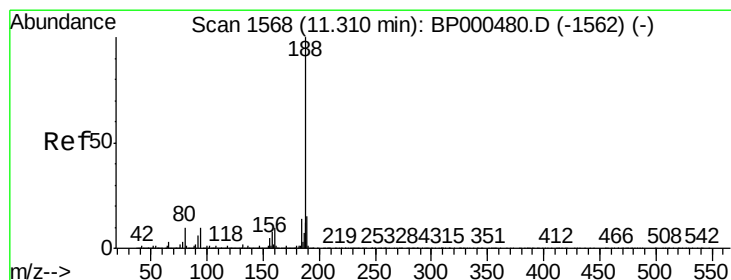
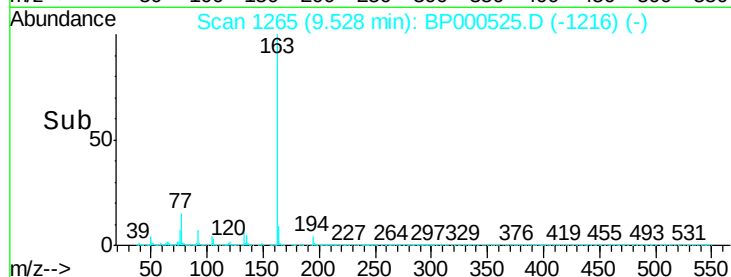
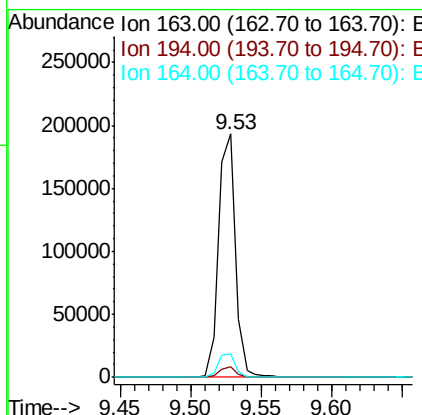
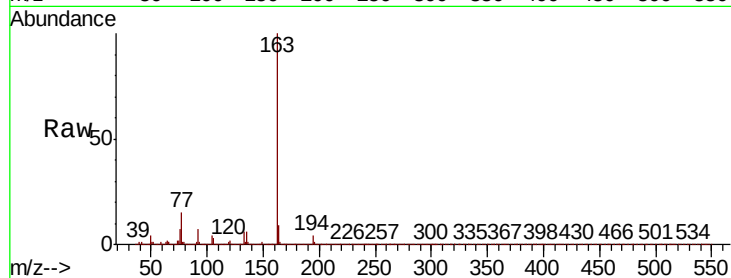
#50
Dimethylphthalate
Concen: 4.344 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000525.D
Acq: 04 Oct 2019 22:25

Instrument :
BNA_P
ClientSampled :
ROLL-OFFDL

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.5	8.0	12.0

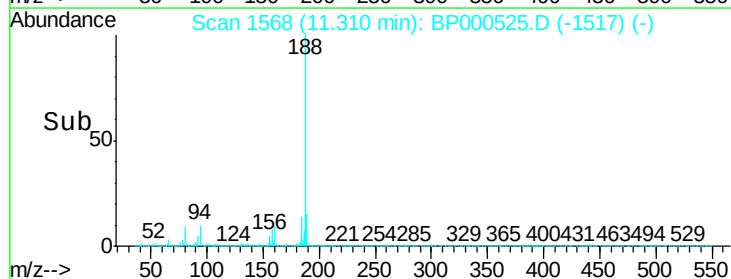
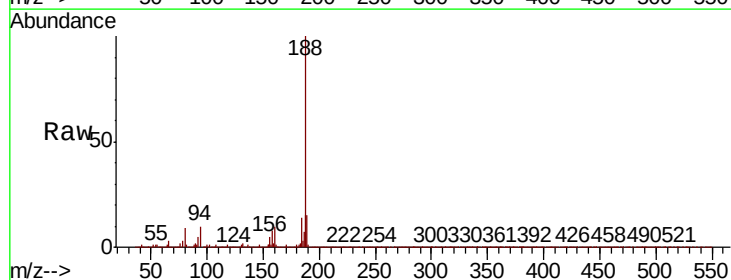
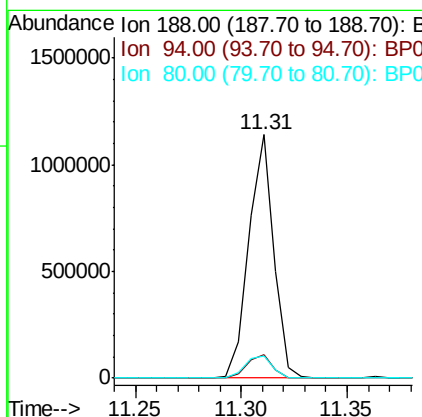
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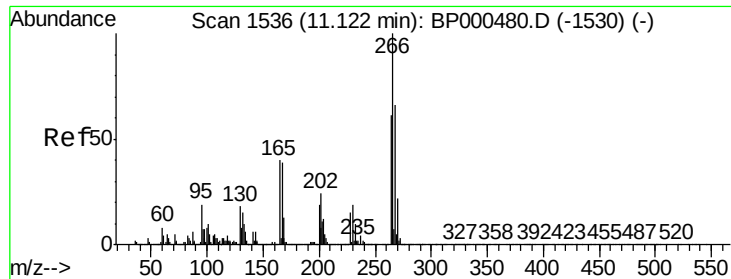
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BP000525.D
Acq: 04 Oct 2019 22:25

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	9.6	8.2	12.2
80	9.4	8.3	12.5





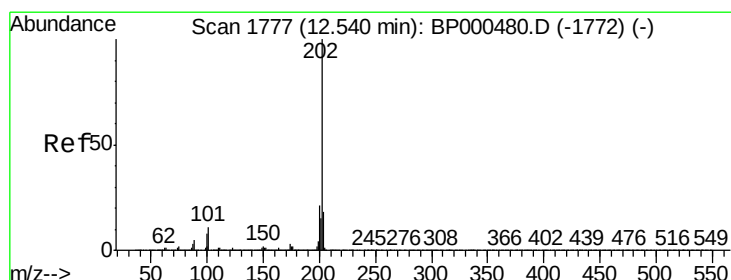
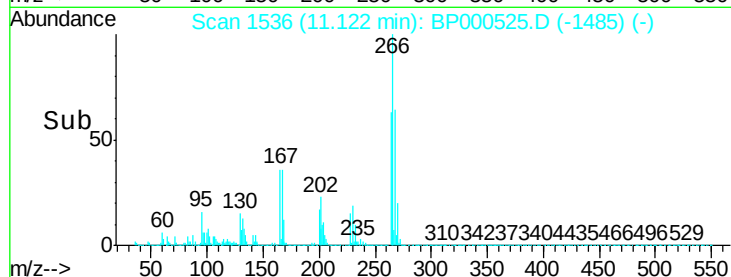
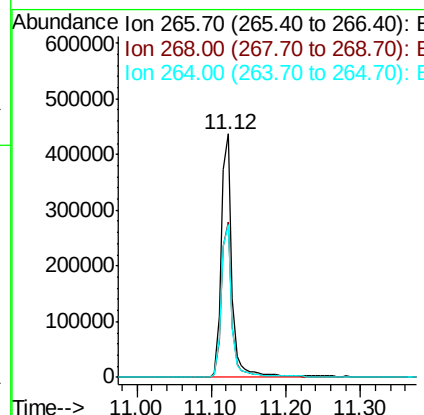
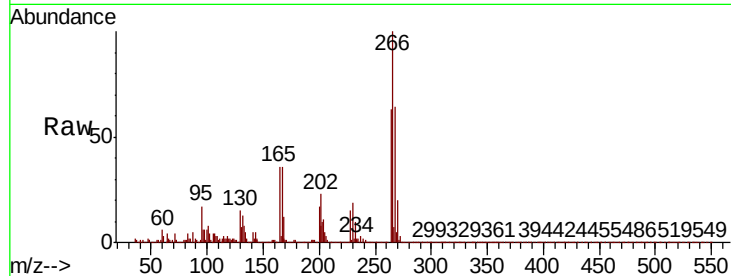
#70
Pentachlorophenol
Concen: 90.100 ng
RT: 11.12 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BP000525.D
Acq: 04 Oct 2019 22:25

Instrument :
BNA_P
ClientSampleId :
ROLL-OFFDL

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	53.2	79.8
264	62.6	49.0	73.4

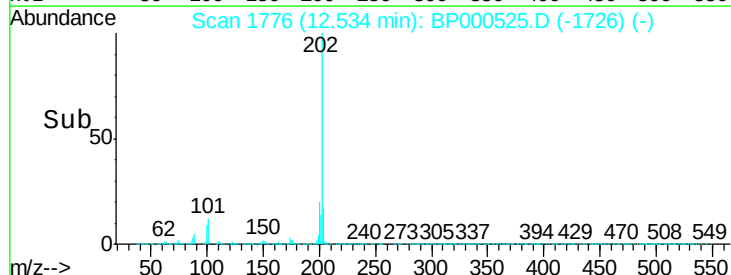
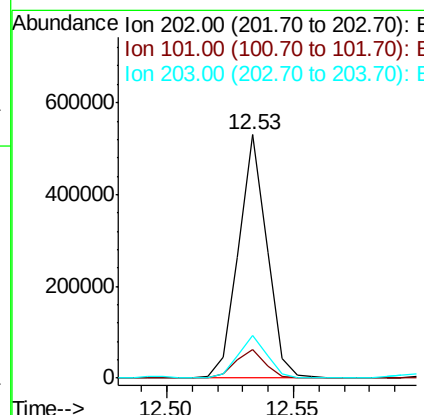
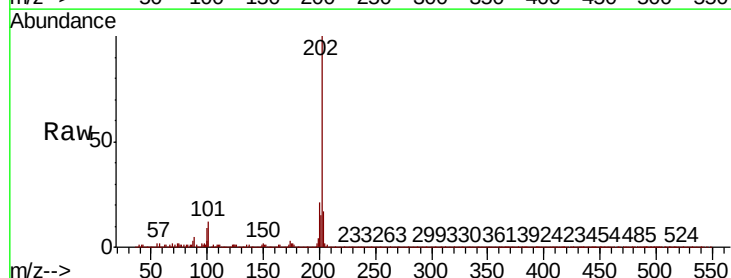
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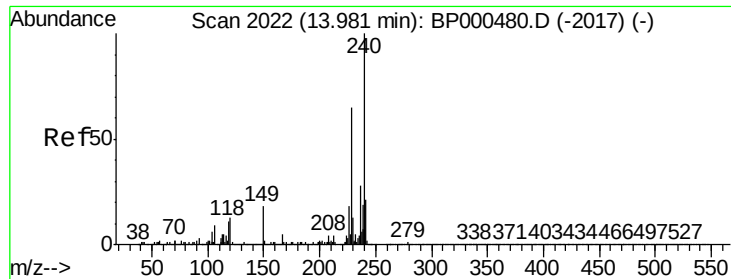
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#75
Fluoranthene
Concen: 7.791 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BP000525.D
Acq: 04 Oct 2019 22:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.3
203	17.3	0.0	38.1





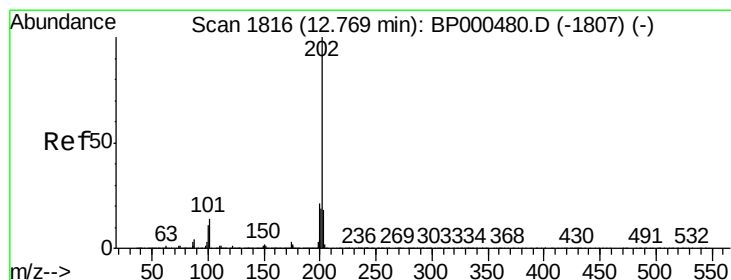
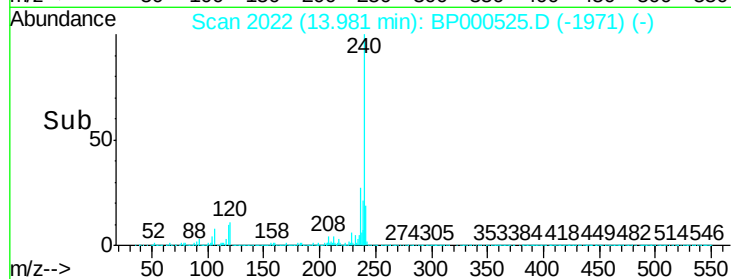
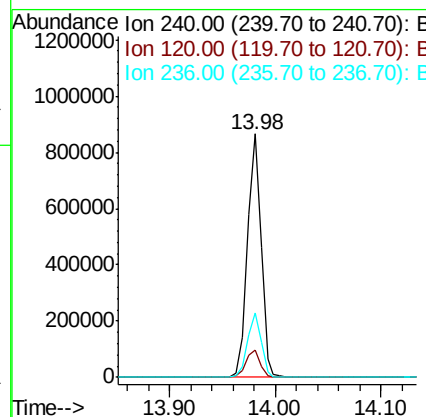
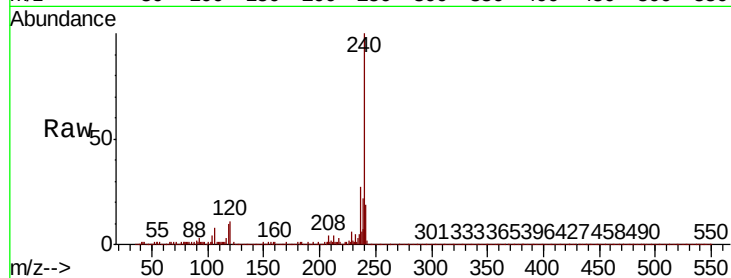
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BP000525.D
Acq: 04 Oct 2019 22:25

Instrument :
BNA_P
ClientSampleId :
ROLL-OFFDL

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	10.1	15.1
236	26.6	22.7	34.1

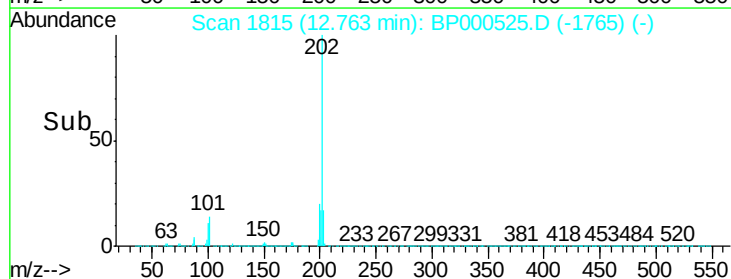
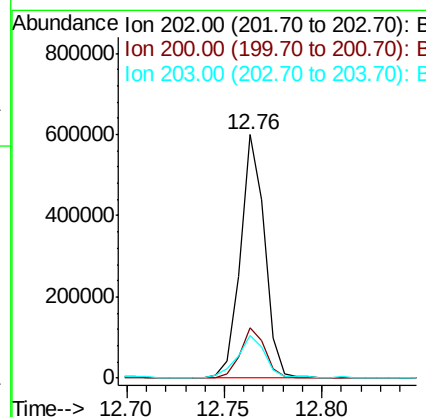
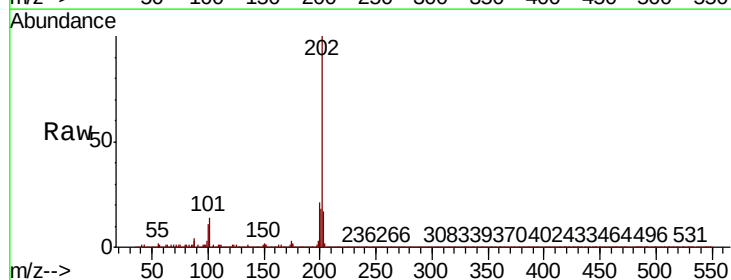
Manual Integrations
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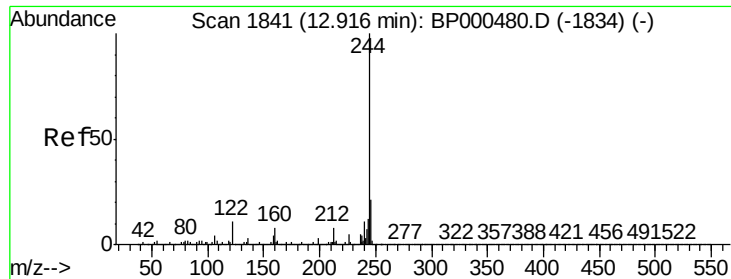
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#78
Pyrene
Concen: 9.767 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BP000525.D
Acq: 04 Oct 2019 22:25

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.1	25.7
203	17.3	14.6	21.8





#79

Terphenyl-d14

Concen: 33.054 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BP000525.D

Acq: 04 Oct 2019 22:25

Instrument :

BNA_P

ClientSampleId :

ROLL-OFFDL

Tot Ion:244 Resp: 1239801

Ion Ratio Lower Upper

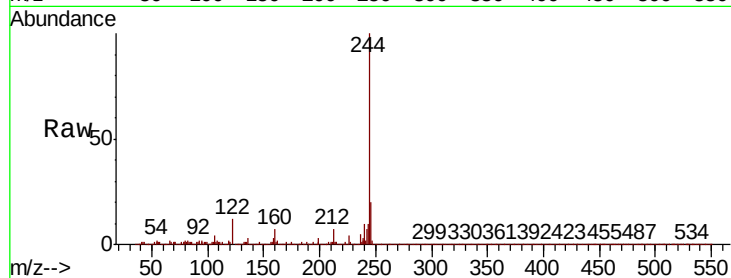
244 100

212 7.0 6.0 9.0

122 11.6 8.9 13.3

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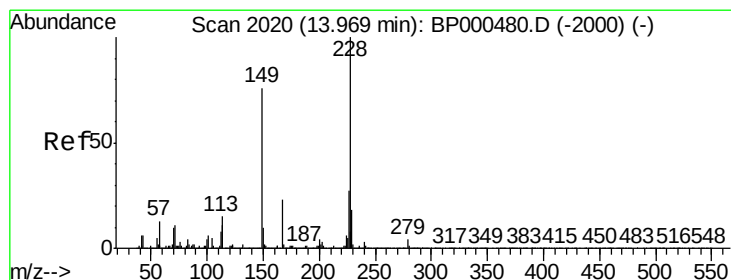
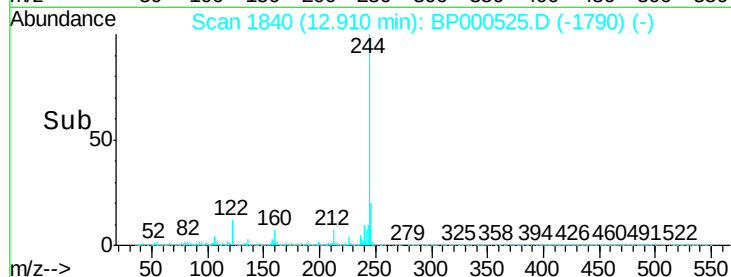
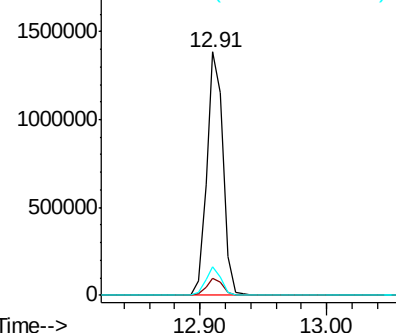
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#81

Benzo(a)anthracene

Concen: 5.743 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BP000525.D

Acq: 04 Oct 2019 22:25

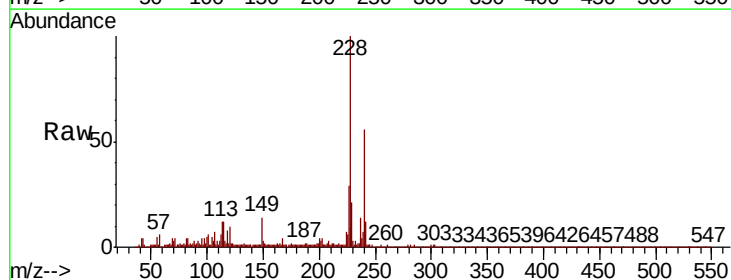
Tgt Ion:228 Resp: 266130

Ion Ratio Lower Upper

228 100

226 29.0 21.4 32.2

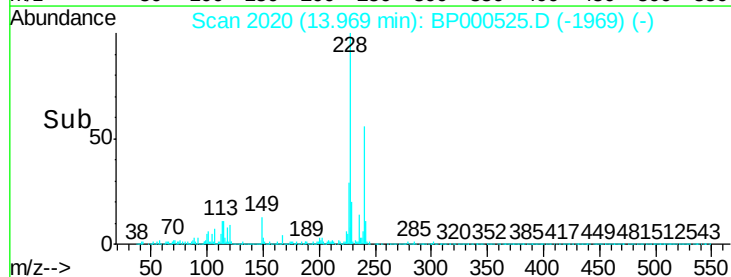
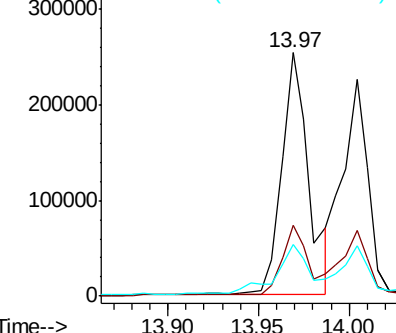
229 21.0 14.7 22.1

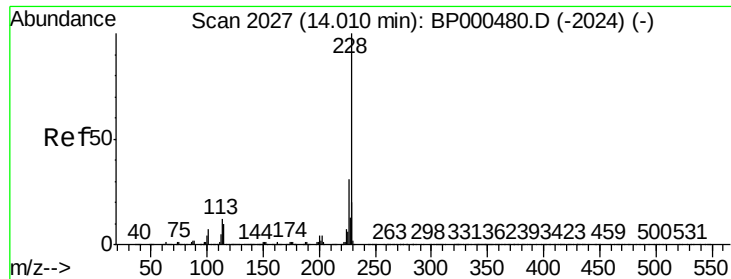


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





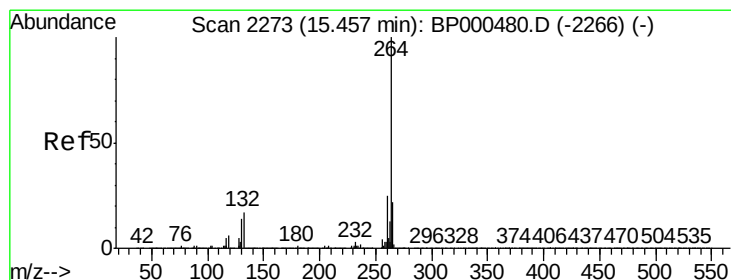
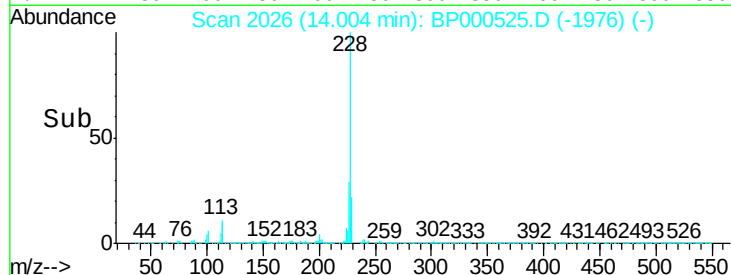
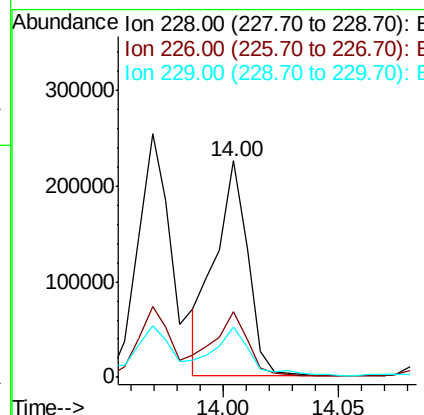
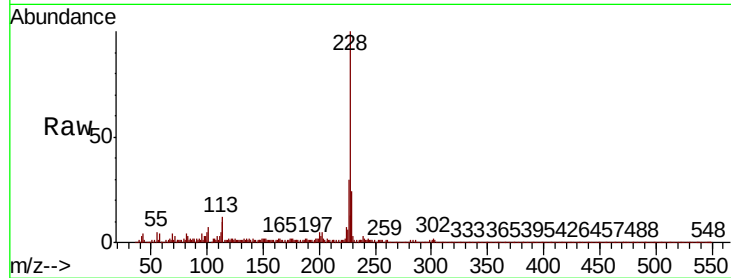
#83
Chrysene
Concen: 4.883 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BP000525.D
Acq: 04 Oct 2019 22:25

Instrument :
BNA_P
ClientSampleId :
ROLL-OFFDL

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.7	37.1
229	23.6	16.3	24.5

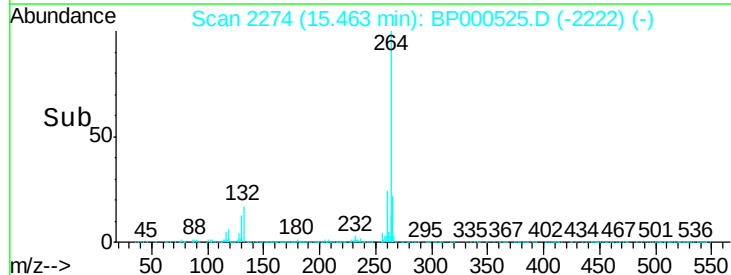
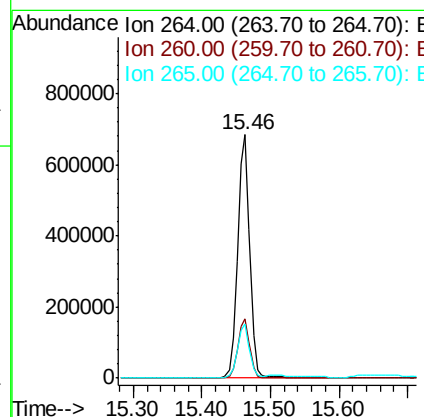
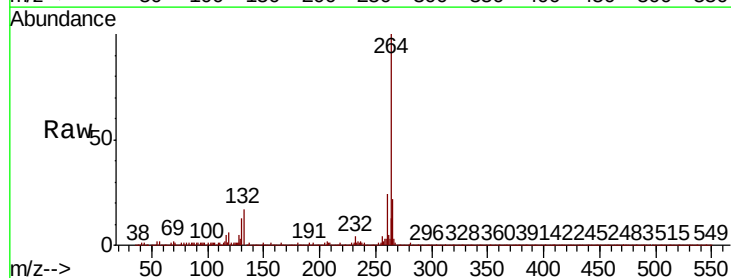
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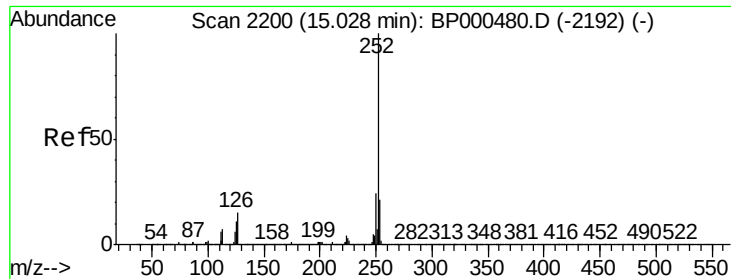
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BP000525.D
Acq: 04 Oct 2019 22:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.3	30.5
265	22.3	18.0	27.0





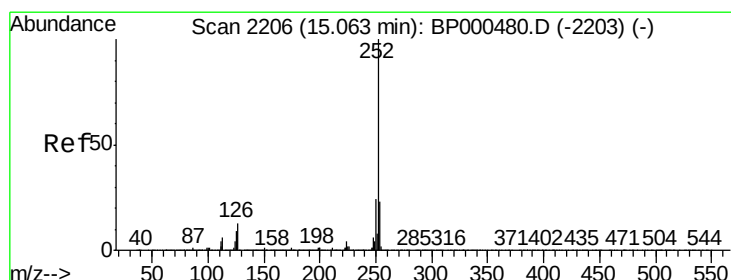
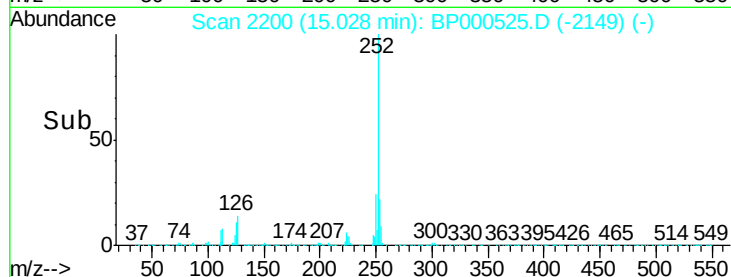
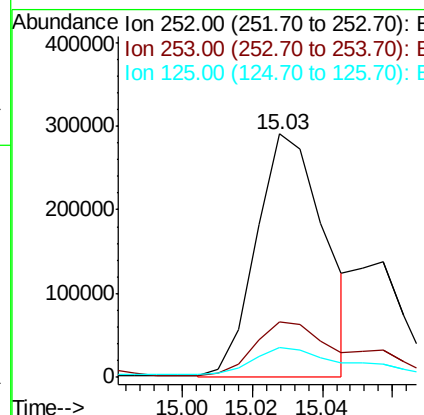
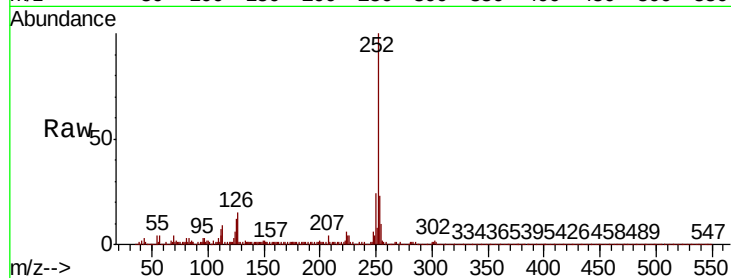
#88
Benzo(b)fluoranthene
Concen: 8.394 ng m
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BP000525.D
Acq: 04 Oct 2019 22:25

Instrument :
BNA_P
ClientSampleId :
ROLL-OFFDL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.4
125	12.4	8.9	13.3

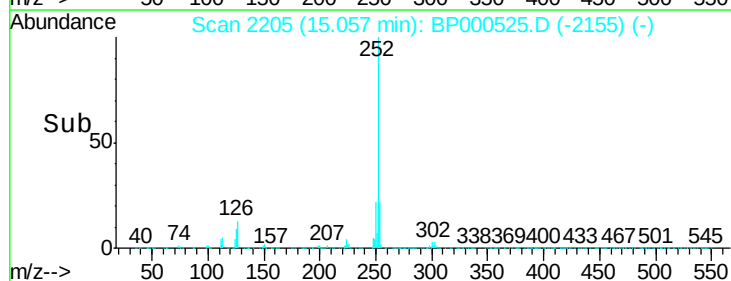
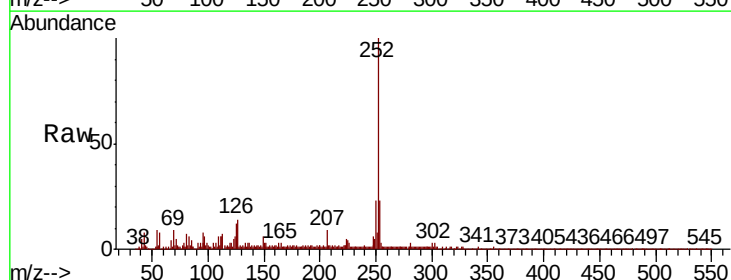
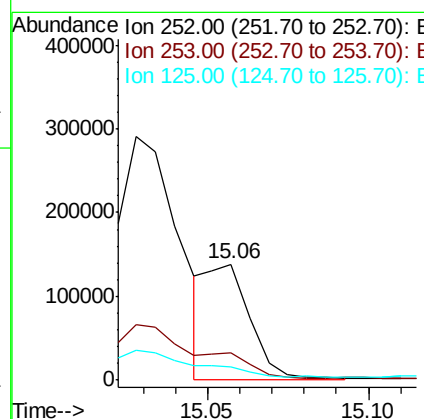
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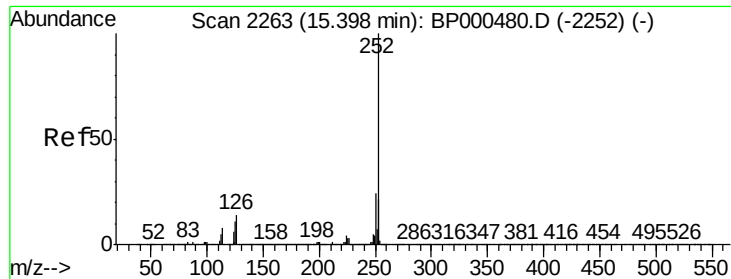
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#89
Benzo(k)fluoranthene
Concen: 2.979 ng m
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BP000525.D
Acq: 04 Oct 2019 22:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.4	27.6
125	11.9	7.8	11.8#





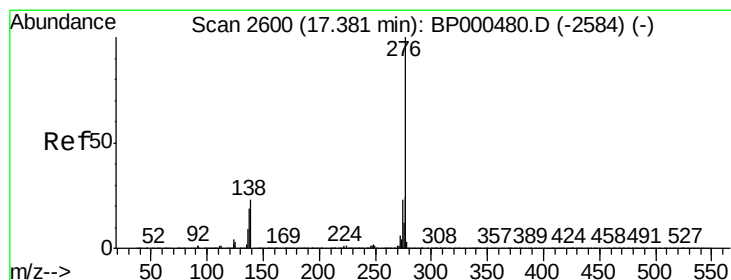
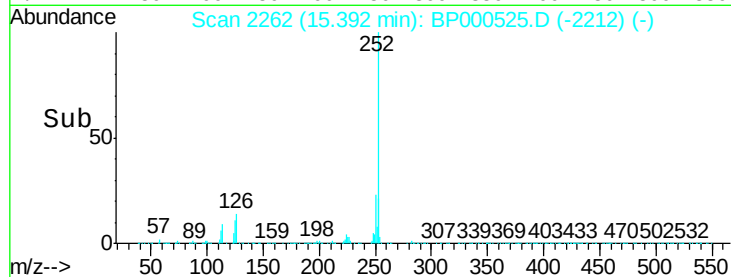
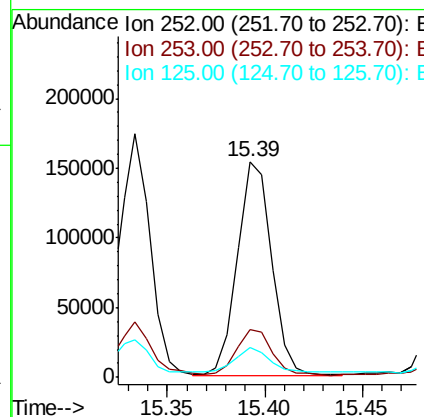
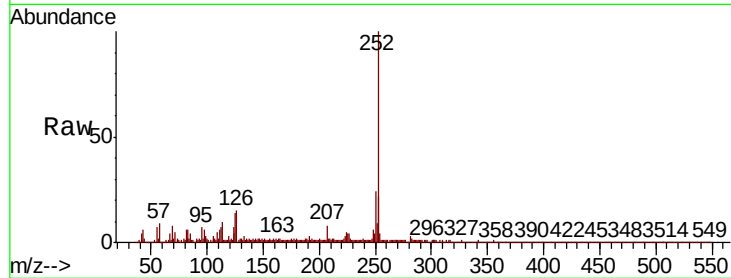
#90
Benzo(a)pyrene
Concen: 4.274 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP000525.D
Acq: 04 Oct 2019 22:25

Instrument :
BNA_P
ClientSampleId :
ROLL-OFFDL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	13.6	8.4	12.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.011 ng
RT: 17.37 min Scan# 2598
Delta R.T. -0.01 min
Lab File: BP000525.D
Acq: 04 Oct 2019 22:25

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.4	29.2
138	27.5	18.5	27.7

