

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
 Data File : BF121796.D
 Acq On : 2 Oct 2020 16:11
 Operator : JU/CG
 Sample : L4198-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-25

Manual Integrations
 APPROVED

mohammad
 10/5/2020 10:27:26 AM

Quant Time: Oct 02 17:30:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	145775	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	570064	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	274084	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	456449	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	286097	20.00	ng	-0.02
86) Perylene-d12	15.35	264	280408	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	747746	76.23	ng	0.00
7) Phenol-d6	6.40	99	940098	73.05	ng	-0.01
23) Nitrobenzene-d5	7.33	82	649230	61.15	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	242792	71.27	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1088610	60.15	ng	-0.01
79) Terphenyl-d14	12.86	244	849888	60.18	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.52	163	105659	5.319	ng	98
75) Fluoranthene	12.49	202	108976	4.105	ng	99
78) Pyrene	12.72	202	92084	4.405	ng	98
81) Benzo(a)anthracene	13.90	228	39745	2.196	ng	98
83) Chrysene	13.94	228	38315	2.090	ng	98
88) Benzo(b)fluoranthene	14.94	252	46648m	2.488	ng	

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

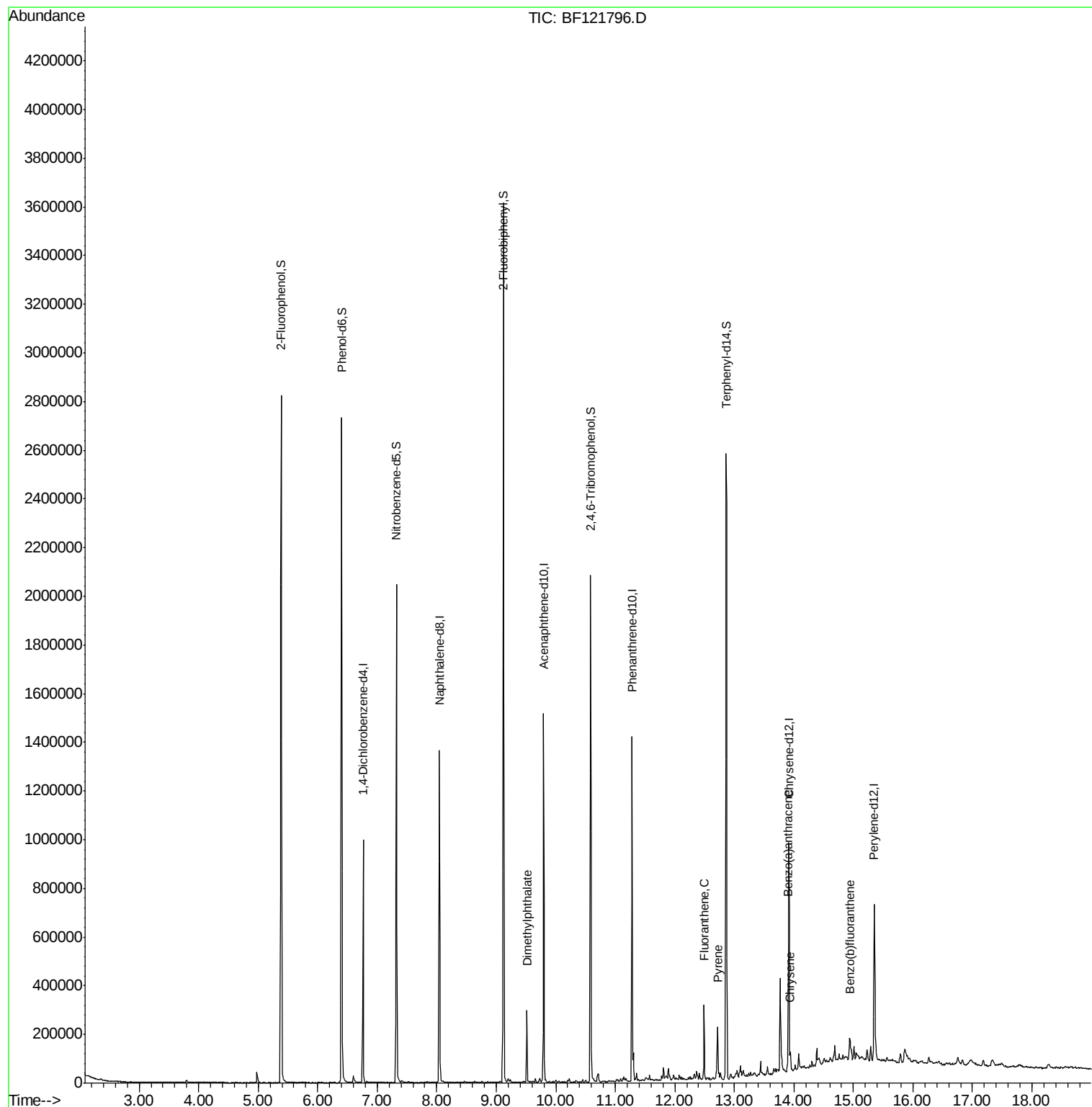
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100220\
Data File : BF121796.D
Acq On : 2 Oct 2020 16:11
Operator : JU/CG
Sample : L4198-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

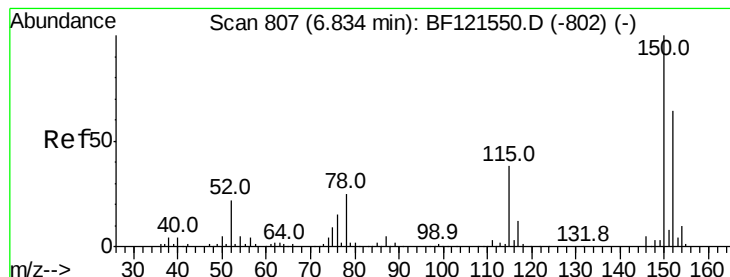
Instrument :
BNA_F
ClientSampleId :
RO-25

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Quant Time: Oct 02 17:30:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration





#1

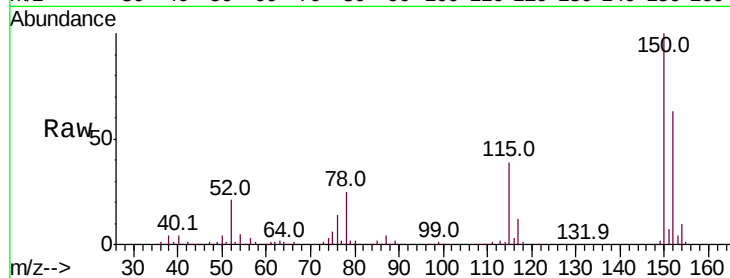
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Instrument :
BNA_F
ClientSampleId :
RO-25

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	125.3	187.9
115	61.8	51.9	77.9

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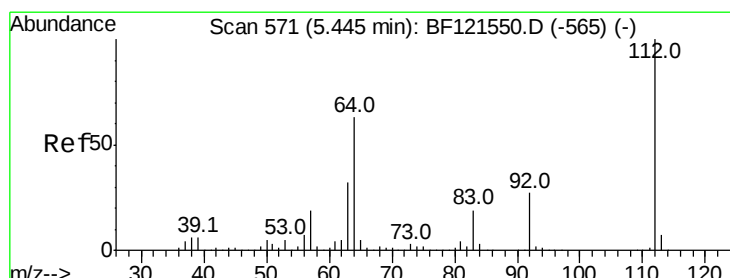
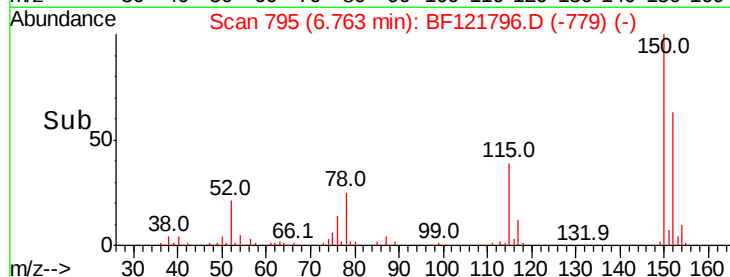
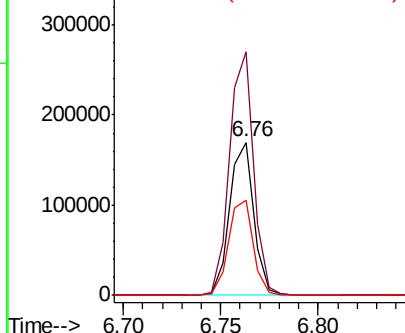


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

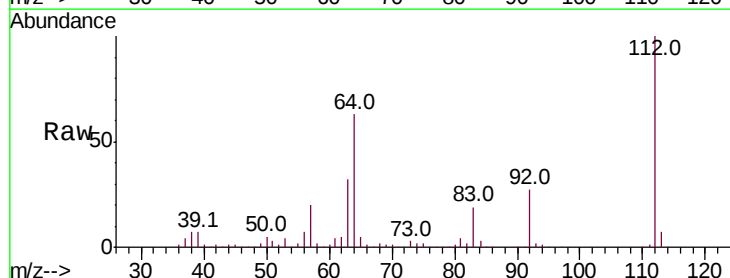
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 76.230 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	50.4	75.6
63	32.0	25.8	38.6

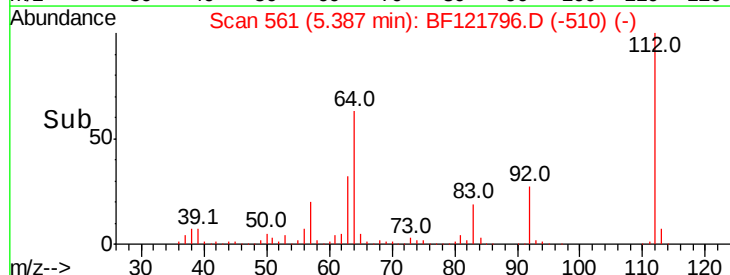
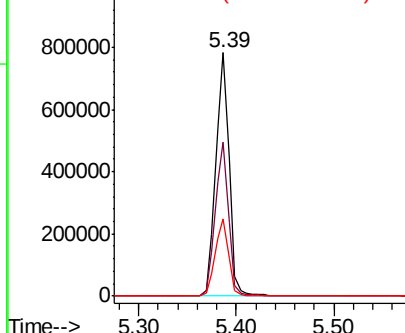


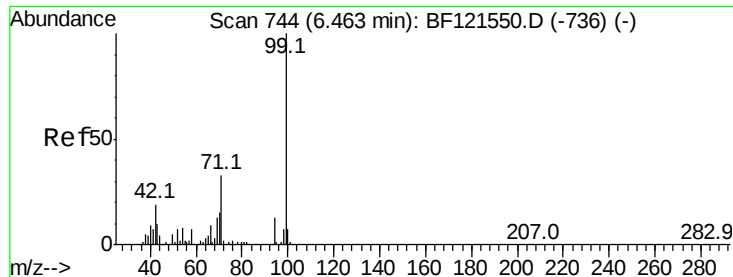
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 73.052 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121796.D

Acq: 2 Oct 2020 16:11

Instrument :

BNA_F

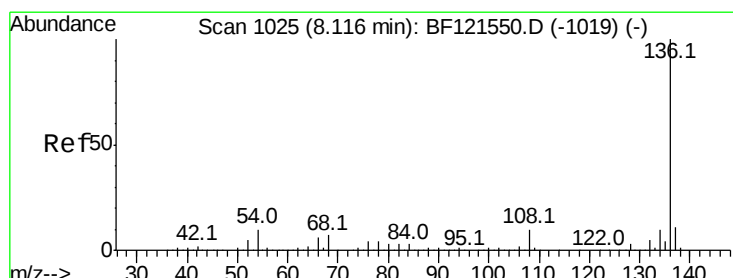
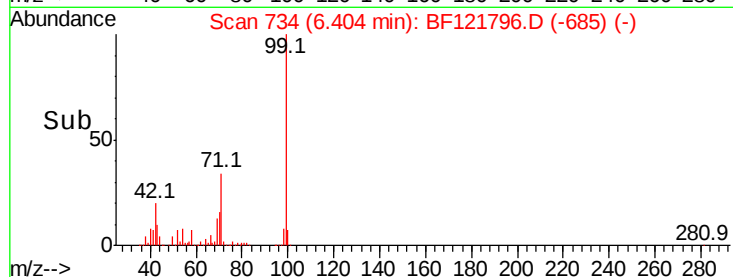
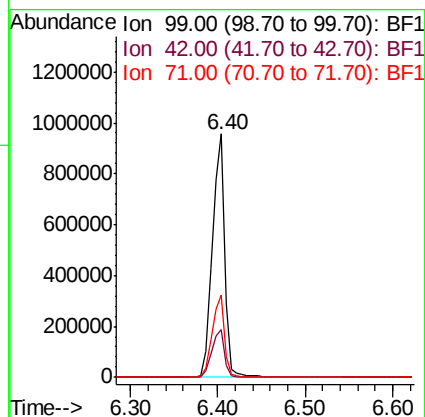
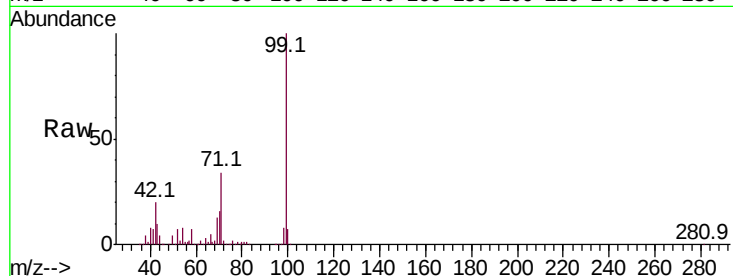
ClientSampleId :

RO-25

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		940098		
42	19.8	15.9	23.9		
71	33.6	27.1	40.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

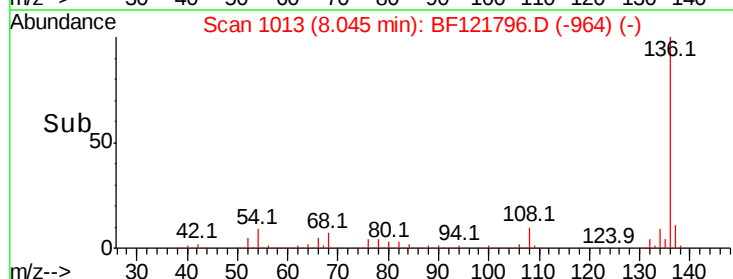
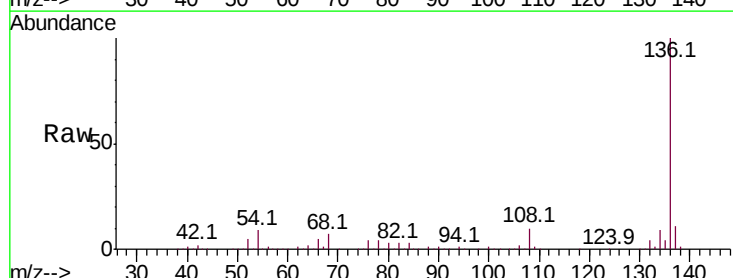
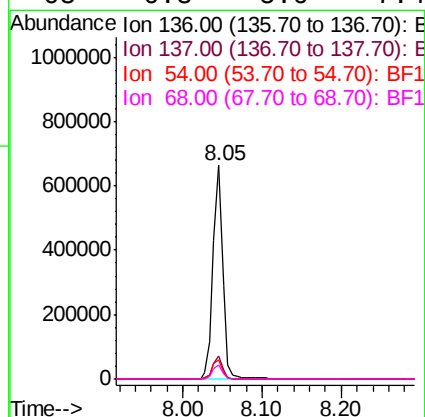
RT: 8.05 min Scan# 1013

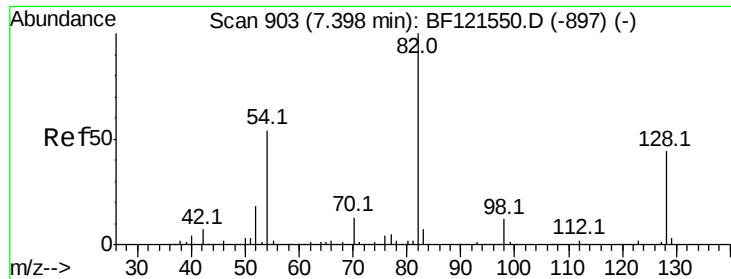
Delta R.T. -0.01 min

Lab File: BF121796.D

Acq: 2 Oct 2020 16:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		570064		
137	11.0	8.6	13.0		
54	9.2	7.1	10.7		
68	6.8	5.0	7.4		





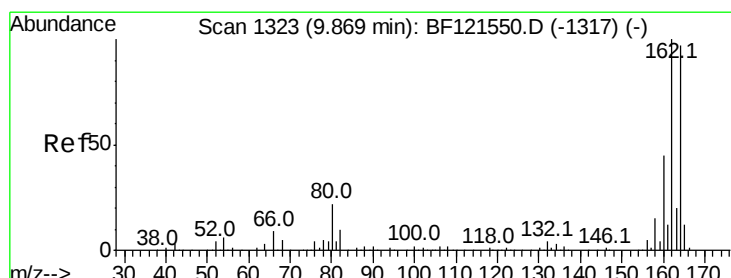
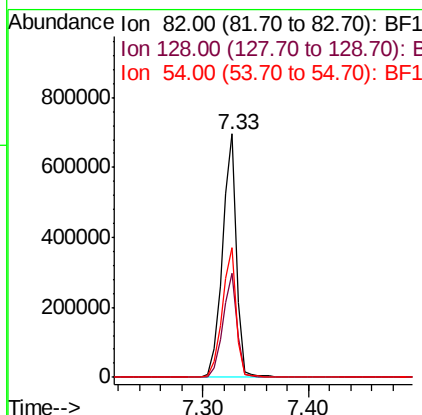
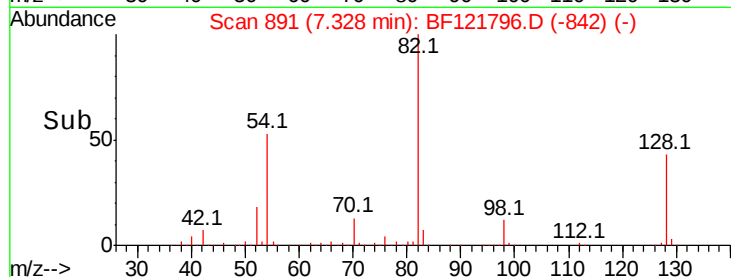
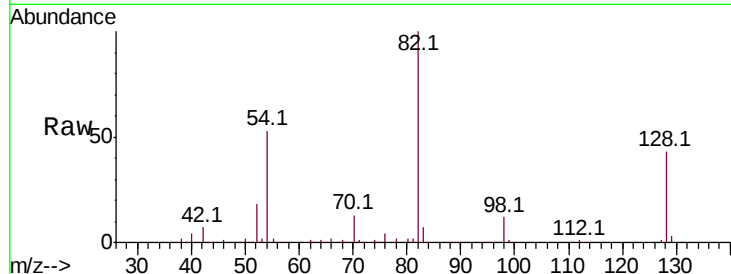
#23
Nitrobenzene-d5
Concen: 61.148 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Instrument :
BNA_F
ClientSampleId :
RO-25

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.0	52.4
54	53.3	43.9	65.9

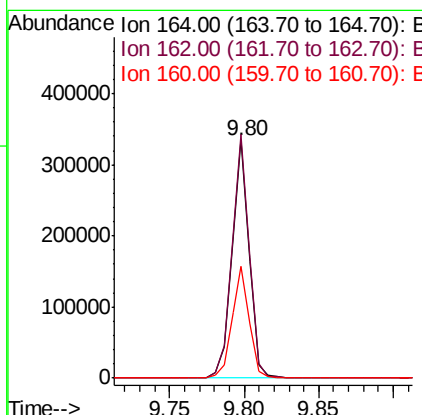
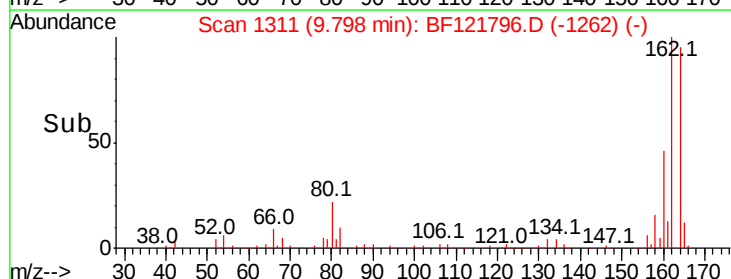
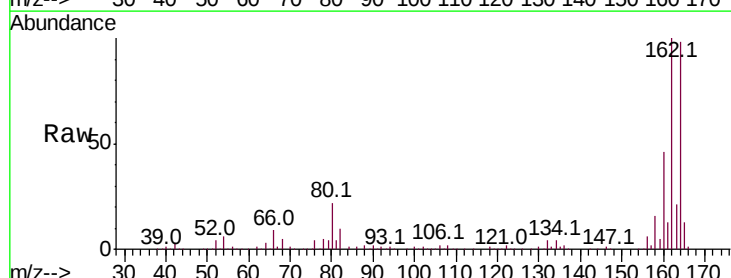
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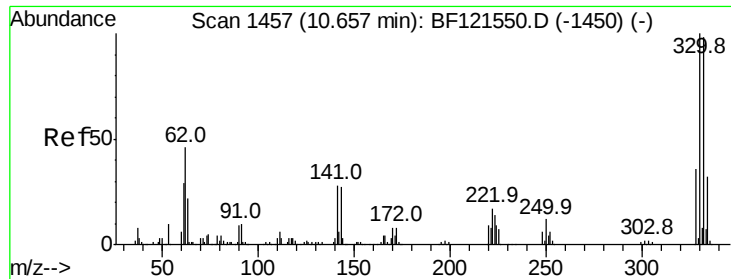
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.2	124.8
160	47.1	37.5	56.3





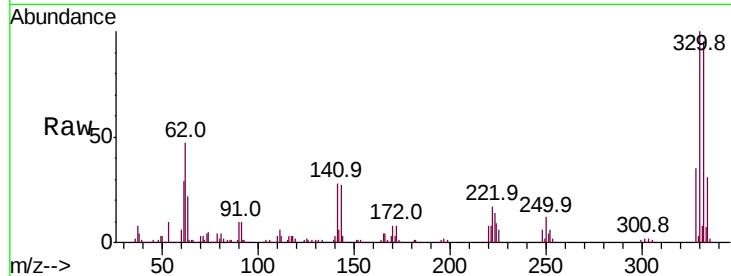
#42
 2,4,6-Tribromophenol
 Concen: 71.273 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF121796.D
 Acq: 2 Oct 2020 16:11

Instrument :
 BNA_F
 ClientSampled :
 RO-25

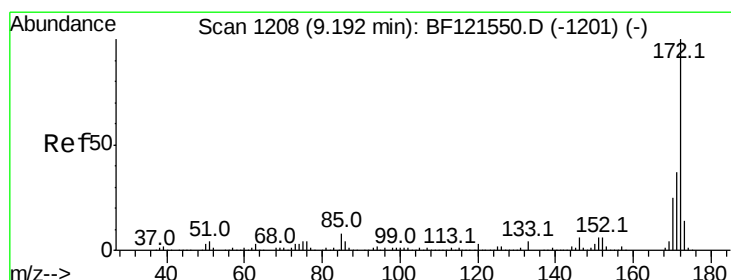
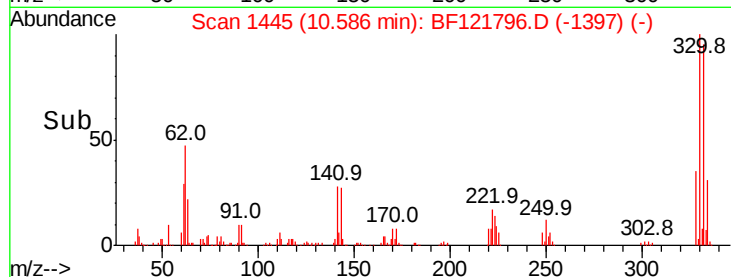
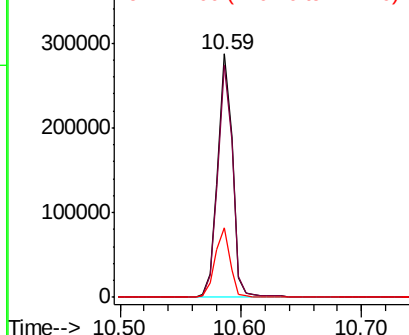
Tot Ion	Ratio	Resp	Lower	Upper
330	100	242792		
332	96.3	77.3	115.9	
141	29.0	22.3	33.5	

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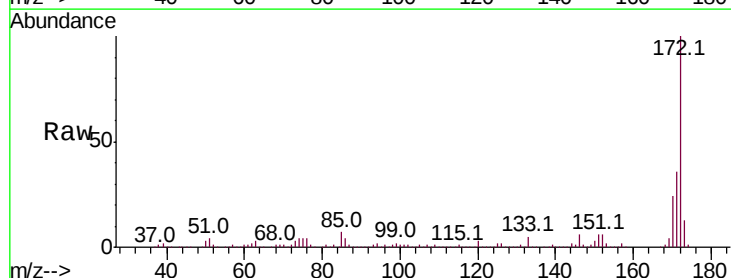


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

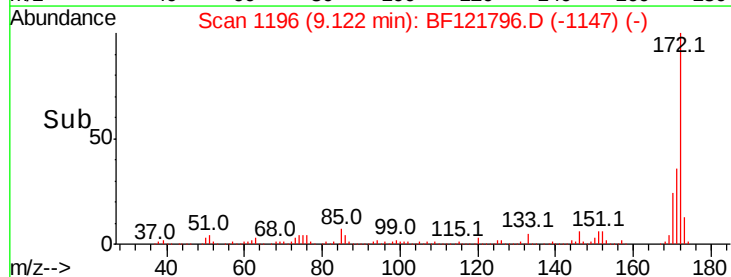
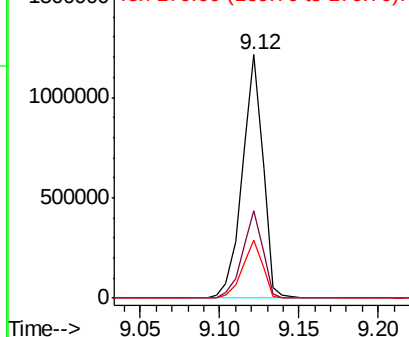


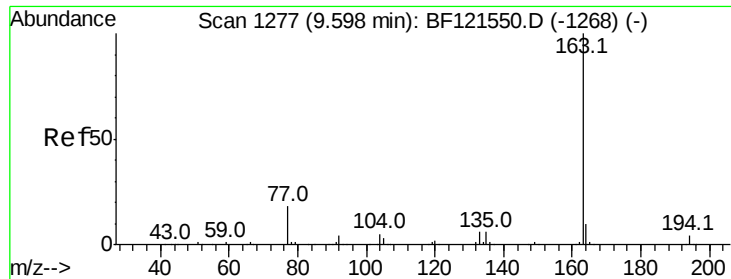
#45
 2-Fluorobiphenyl
 Concen: 60.154 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121796.D
 Acq: 2 Oct 2020 16:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1088610		
171	35.7	29.1	43.7	
170	23.7	19.8	29.6	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





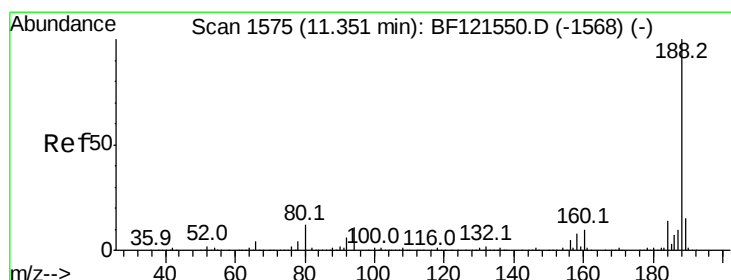
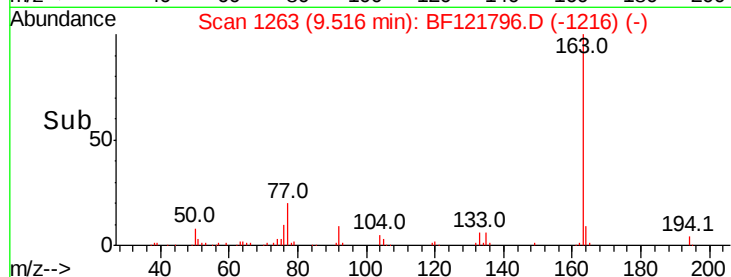
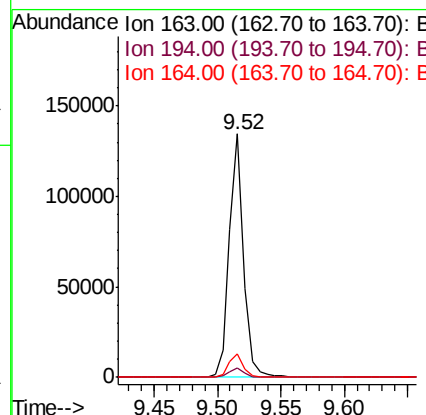
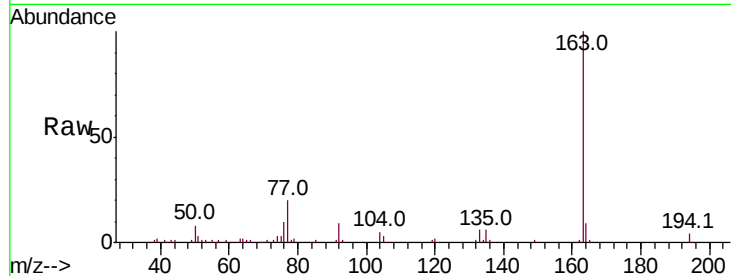
#50
Dimethylphthalate
Concen: 5.319 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Instrument :
BNA_F
ClientSampleId :
RO-25

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.5	8.2	12.4

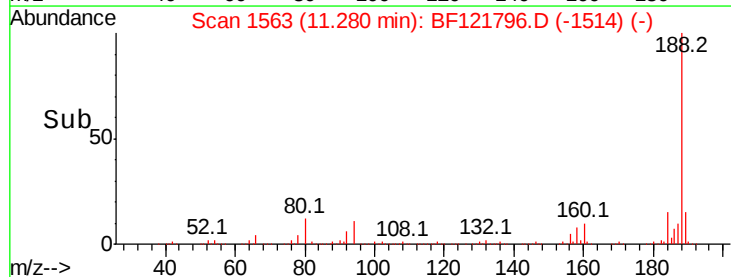
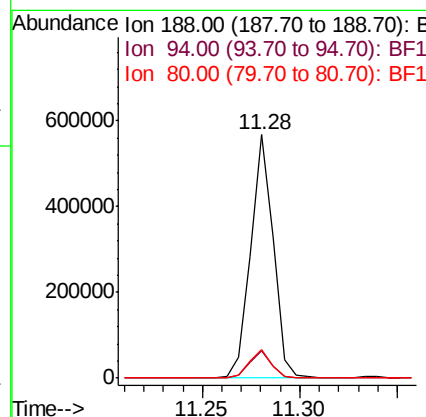
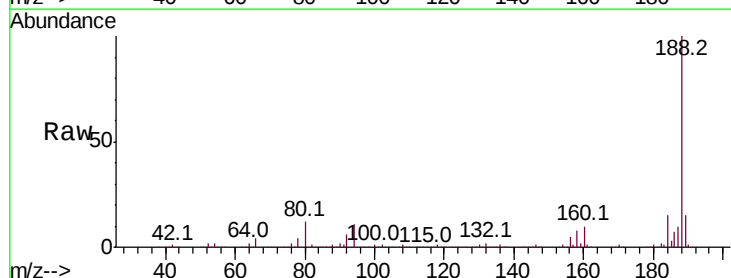
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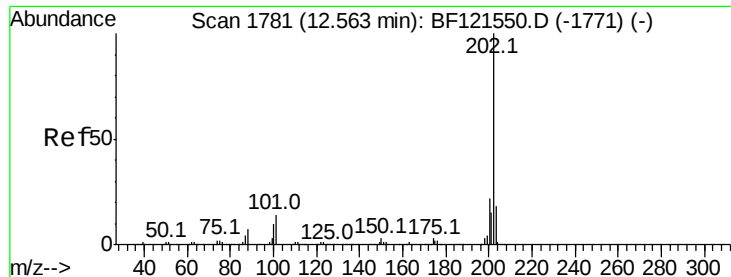
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	11.0	8.3	12.5
80	11.7	9.1	13.7





#75

Fluoranthene

Concen: 4.105 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.01 min

Lab File: BF121796.D

Acq: 2 Oct 2020 16:11

Instrument :

BNA_F

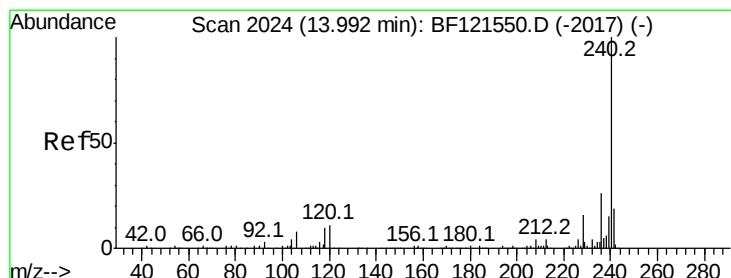
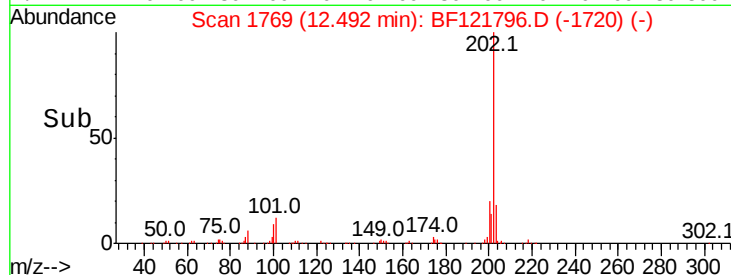
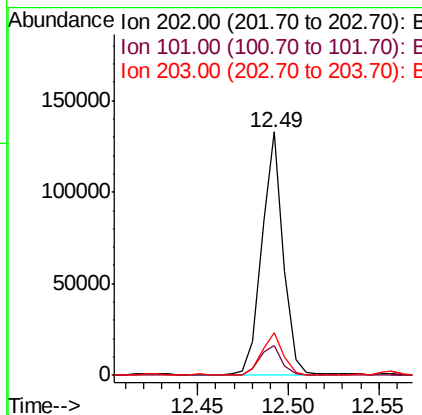
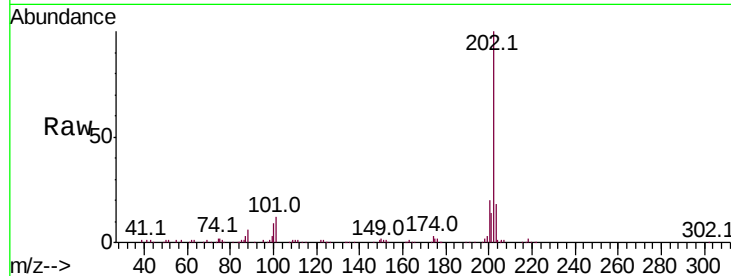
ClientSampled :

RO-25

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.2	0.0	33.4
203	17.8	0.0	37.9

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#76

Chrysene-d12

Concen: 20.000 ng

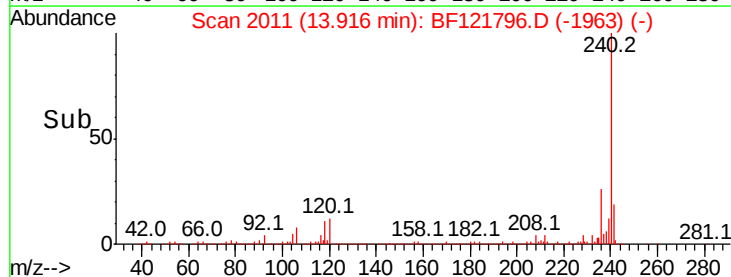
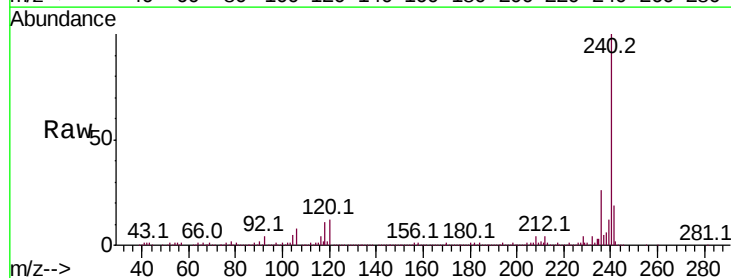
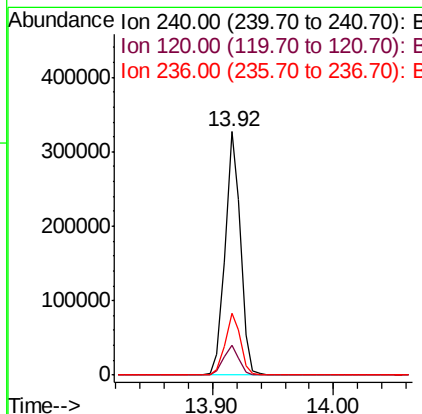
RT: 13.92 min Scan# 2011

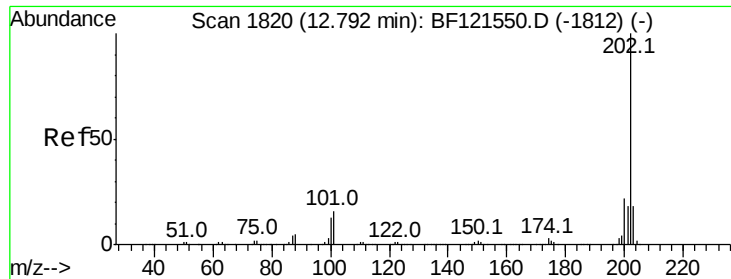
Delta R.T. -0.02 min

Lab File: BF121796.D

Acq: 2 Oct 2020 16:11

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.2	9.2	13.8
236	25.6	20.9	31.3





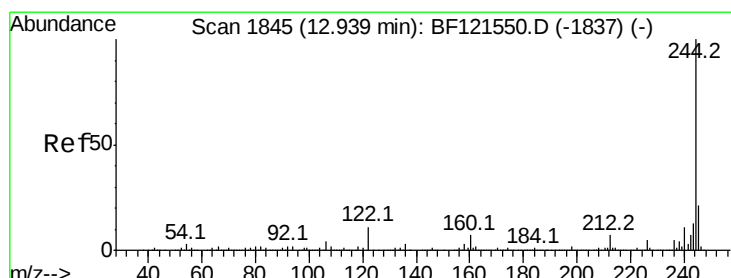
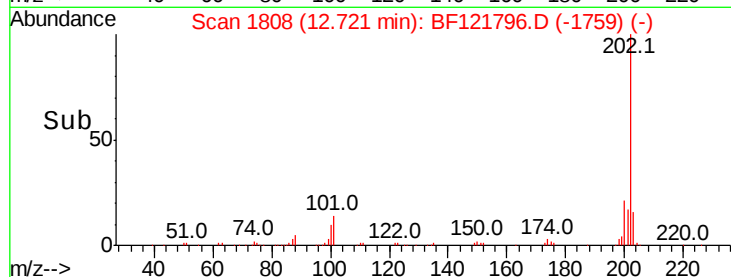
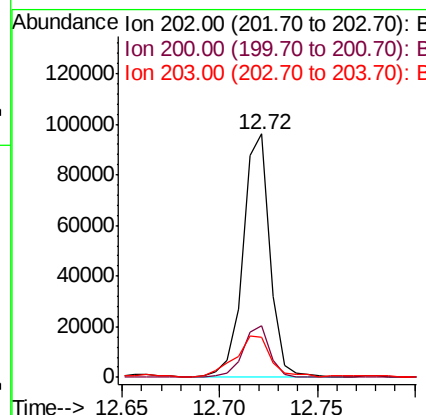
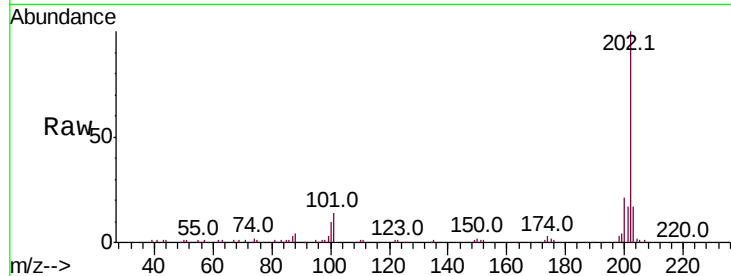
#78
Pvrene
Concen: 4.405 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Instrument :
BNA_F
ClientSampleId :
RO-25

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	16.7	14.6	21.8

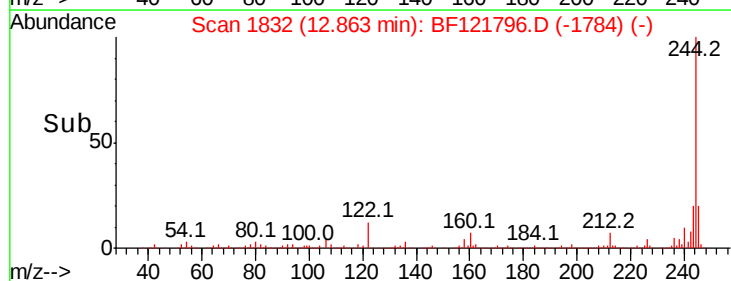
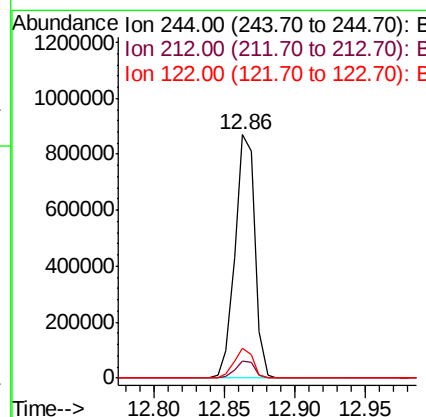
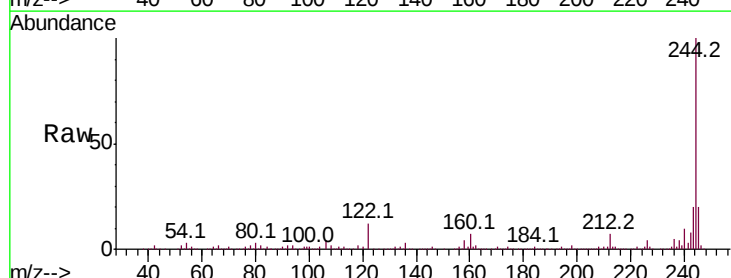
Manual Integrations
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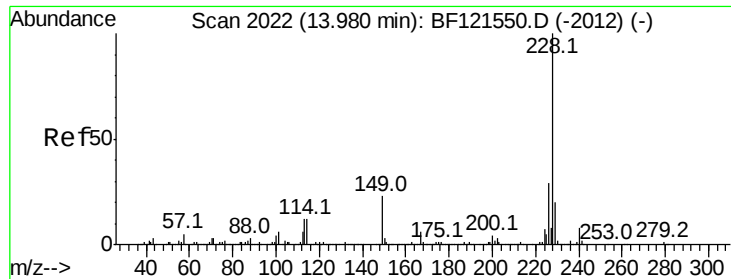
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#79
Terphenyl-d14
Concen: 60.182 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	12.0	8.1	12.1





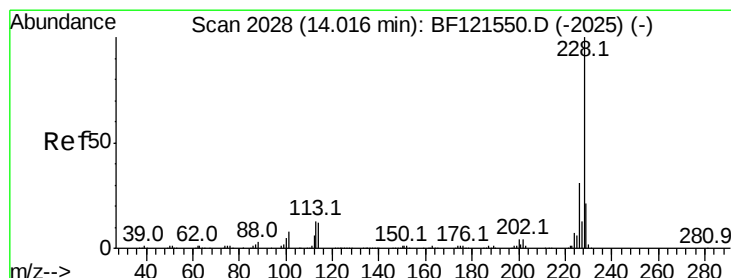
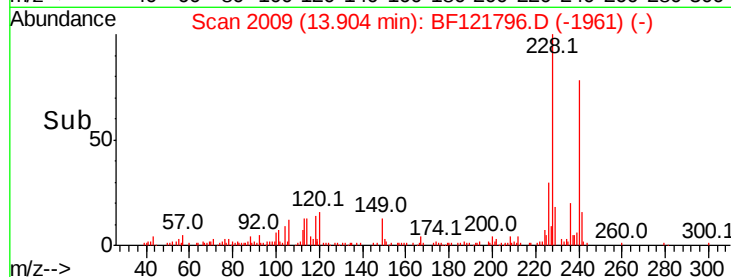
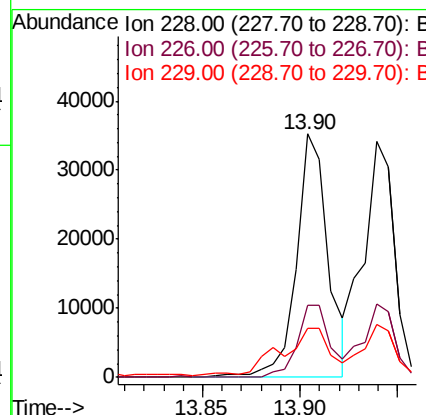
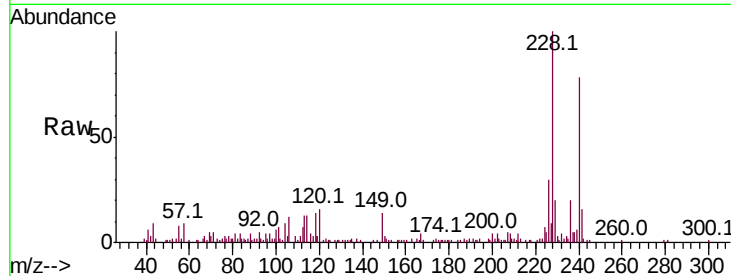
#81
Benzo(a)anthracene
Concen: 2.196 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Instrument :
BNA_F
ClientSampleId :
RO-25

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.3	33.5
229	20.0	16.2	24.4

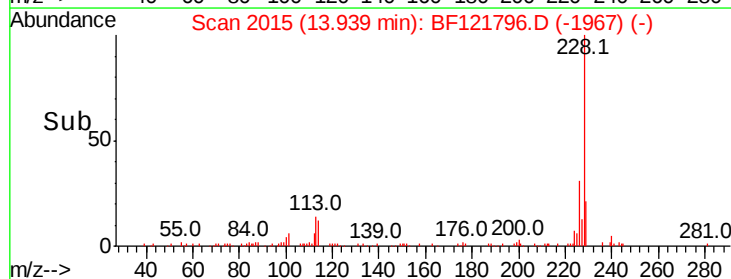
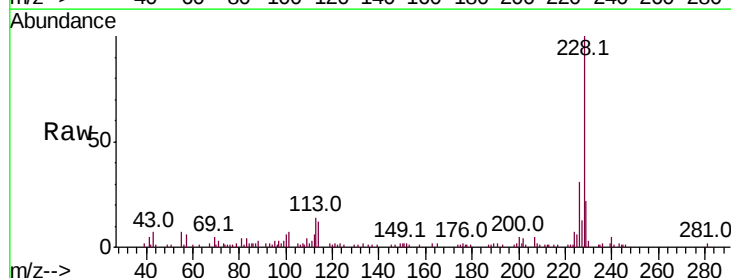
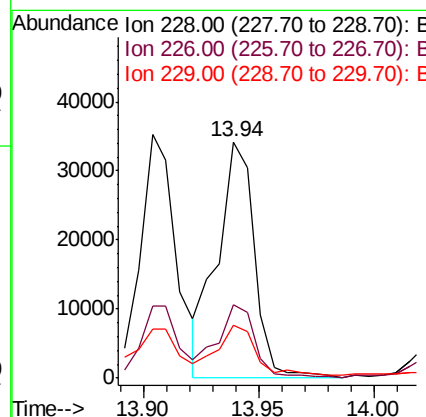
Manual Integrations
APPROVED

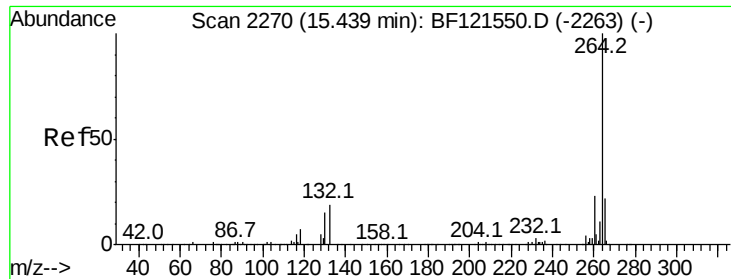
mohammad
10/5/2020 10:27:26 AM



#83
Chrysene
Concen: 2.090 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.6	37.0
229	22.2	15.9	23.9





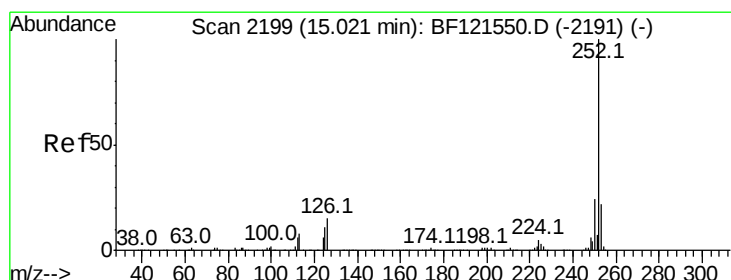
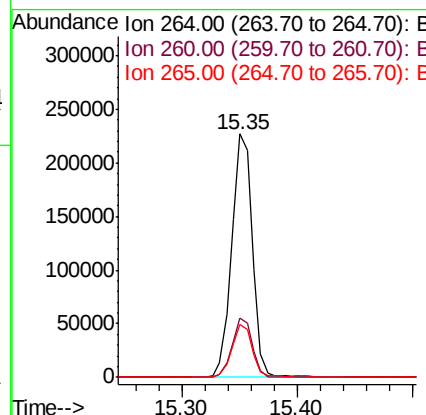
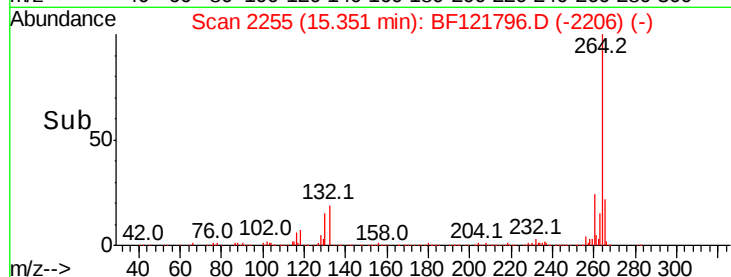
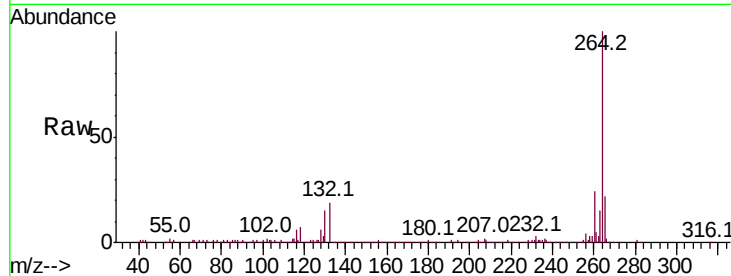
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Instrument :
BNA_F
ClientSampleId :
RO-25

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.8	17.3	25.9

Manual Integrations
APPROVED

mohammad
10/5/2020 10:27:26 AM



#88
Benzo(b)fluoranthene
Concen: 2.488 ng m
RT: 14.94 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BF121796.D
Acq: 2 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	14.2	8.0	12.0#

