

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
 Data File : BF121432.D
 Acq On : 25 Aug 2020 17:35
 Operator : JU/CG
 Sample : L3784-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-24

Manual Integrations
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Quant Time: Aug 25 18:25:37 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	133510	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	540319	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	280734	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	553115	20.00	ng	0.00
76) Chrysene-d12	13.85	240	481624	20.00	ng	0.00
86) Perylene-d12	15.27	264	425099	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	674859	82.88	ng	0.01
7) Phenol-d6	6.35	99	821445	79.03	ng	0.00
23) Nitrobenzene-d5	7.26	82	529327	55.41	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	251148	76.77	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	974122	63.31	ng	0.00
79) Terphenyl-d14	12.80	244	1054955	42.80	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.45	163	110086	5.390	ng	98
71) Phenanthrene	11.23	178	86844	3.034	ng	98
75) Fluoranthene	12.42	202	178291	5.738	ng	99
78) Pyrene	12.65	202	148826	4.114	ng	99
81) Benzo(a)anthracene	13.84	228	86975	2.907	ng	97
83) Chrysene	13.87	228	79917	2.612	ng	97
88) Benzo(b)fluoranthene	14.86	252	93191m	3.393	ng	
90) Benzo(a)pyrene	15.20	252	55050	2.320	ng	100

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

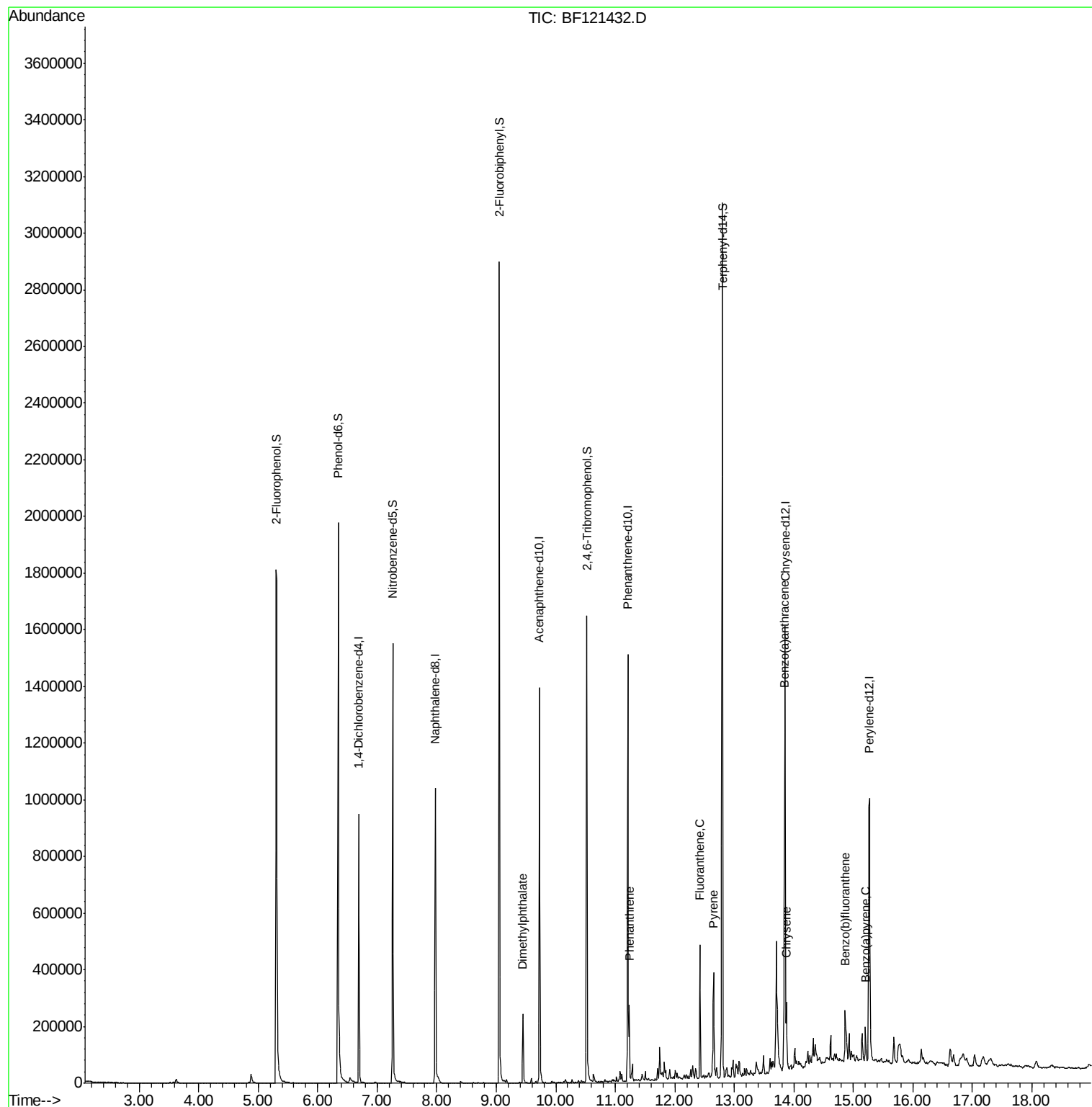
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121432.D
Acq On : 25 Aug 2020 17:35
Operator : JU/CG
Sample : L3784-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

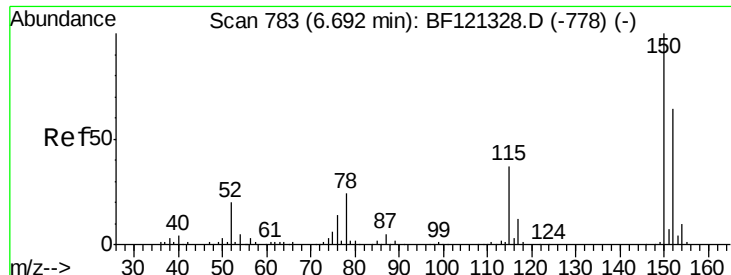
Instrument :
BNA_F
ClientSampleId :
RO-24

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#1

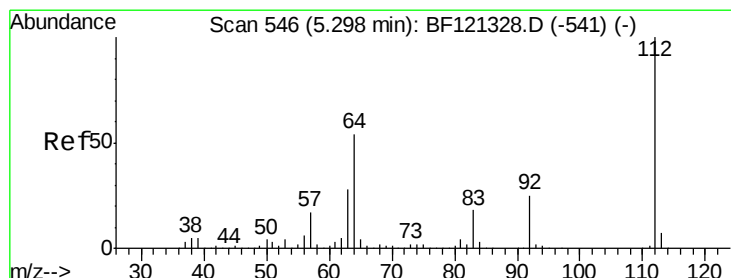
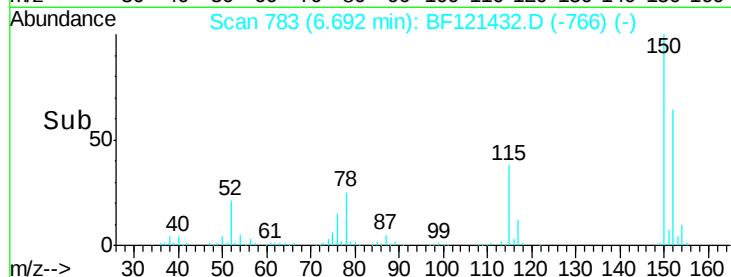
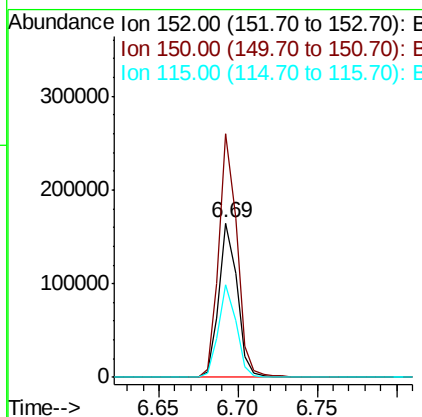
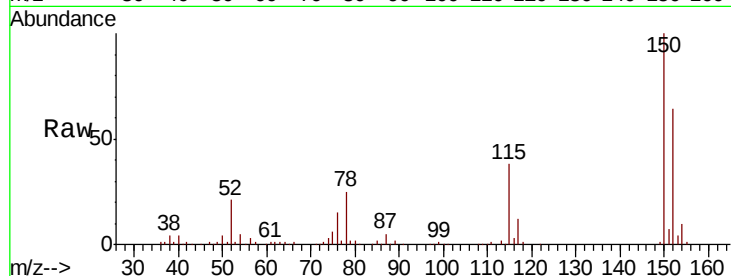
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121432.D
Acq: 25 Aug 2020 17:35

Instrument :
BNA_F
ClientSampleId :
RO-24

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.8	187.2
115	59.6	46.1	69.1

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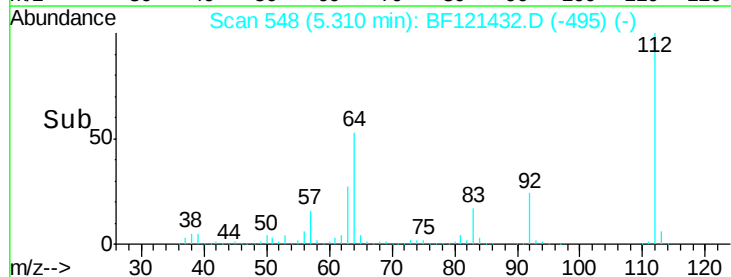
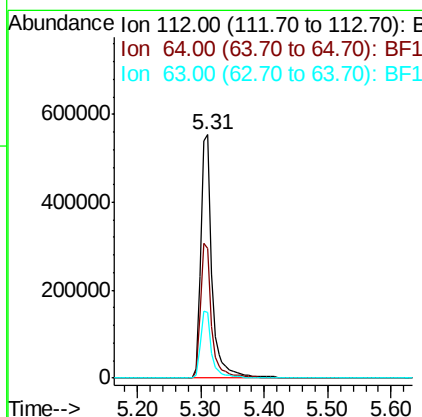
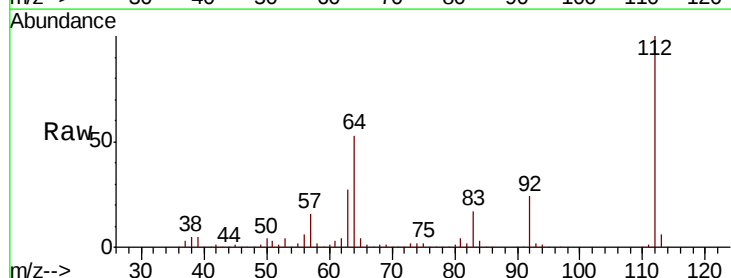
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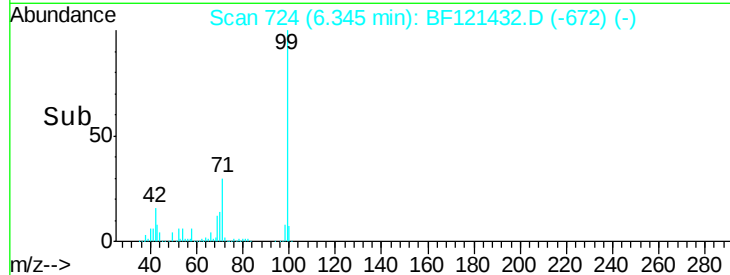
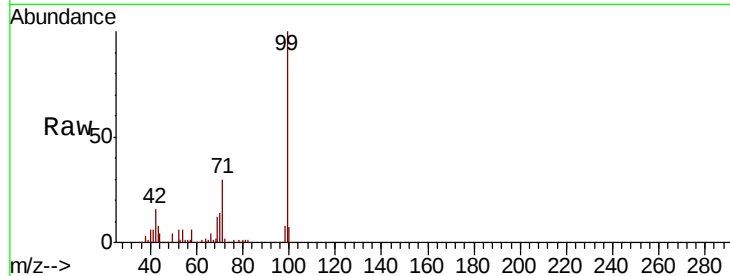


#5

2-Fluorophenol
Concen: 82.884 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF121432.D
Acq: 25 Aug 2020 17:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	43.5	65.3
63	26.9	22.0	33.0





#7

Phenol-d6

Concen: 79.029 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121432.D

Acq: 25 Aug 2020 17:35

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		821445		
42	16.2	13.5	20.3		
71	30.3	25.2	37.8		

Instrument :

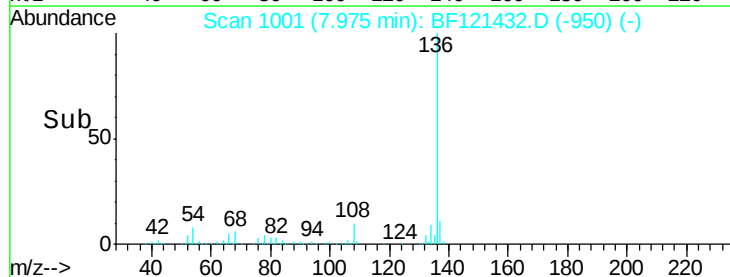
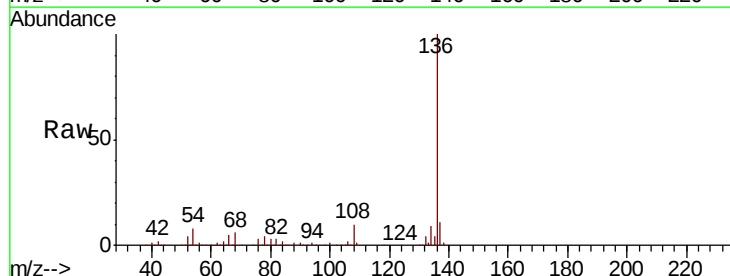
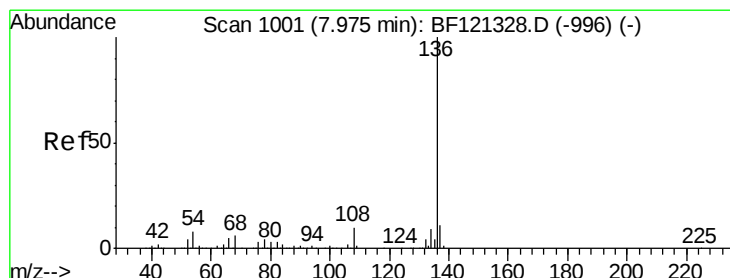
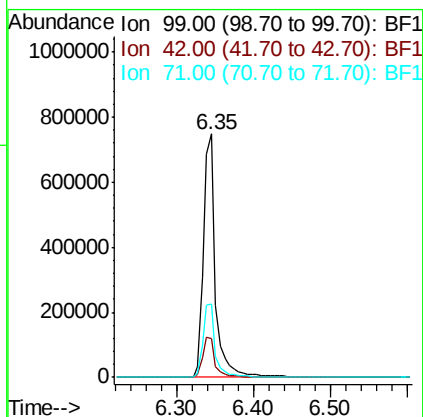
BNA_F

ClientSampleId :

RO-24

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#21

Naphthalene-d8

Concen: 20.000 ng

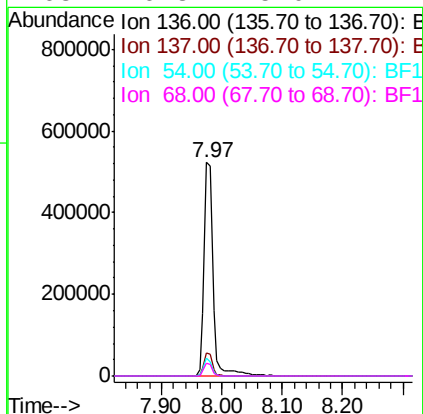
RT: 7.97 min Scan# 1001

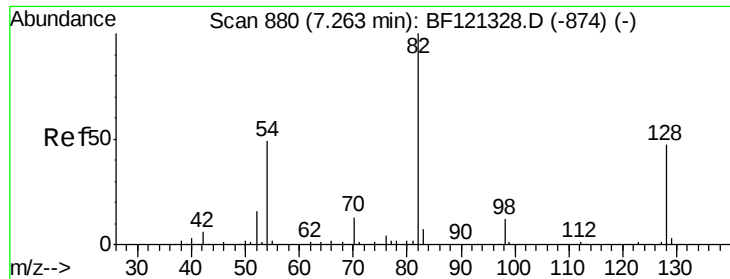
Delta R.T. 0.00 min

Lab File: BF121432.D

Acq: 25 Aug 2020 17:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		540319		
137	10.9	8.9	13.3		
54	8.1	6.1	9.1		
68	6.3	5.0	7.4		





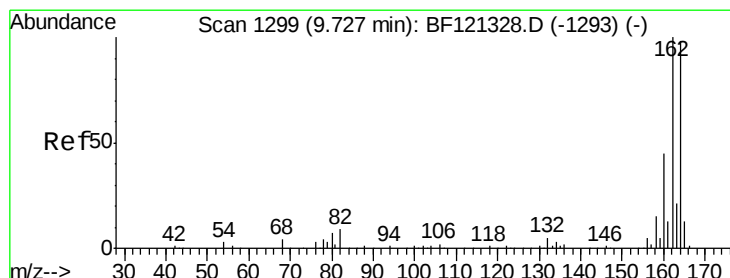
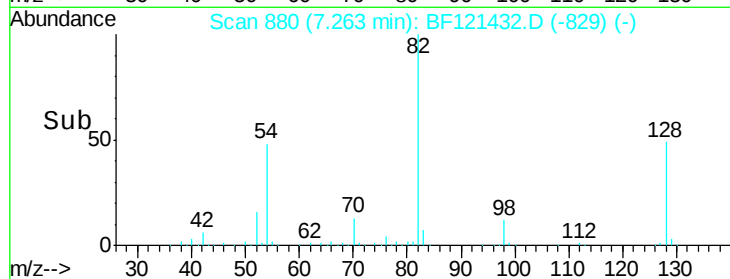
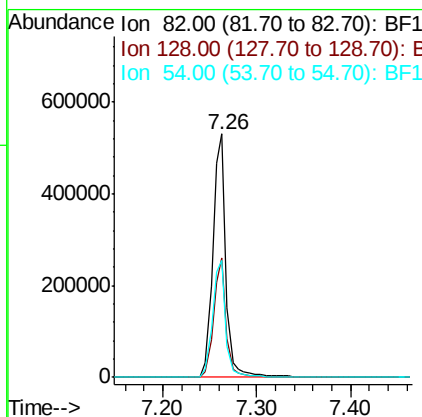
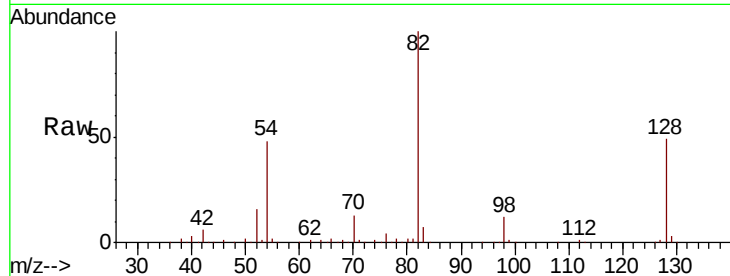
#23
Nitrobenzene-d5
Concen: 55.406 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF121432.D
Acq: 25 Aug 2020 17:35

Instrument :
BNA_F
ClientSampleId :
RO-24

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.3	37.9	56.9
54	48.1	39.0	58.4

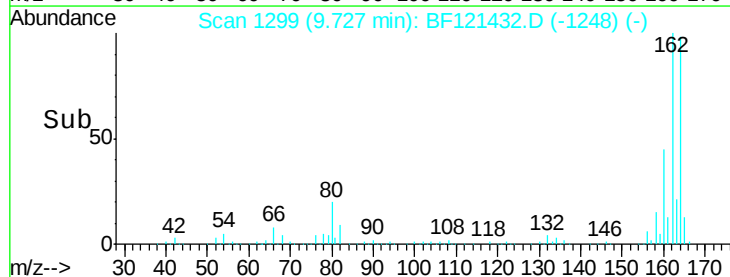
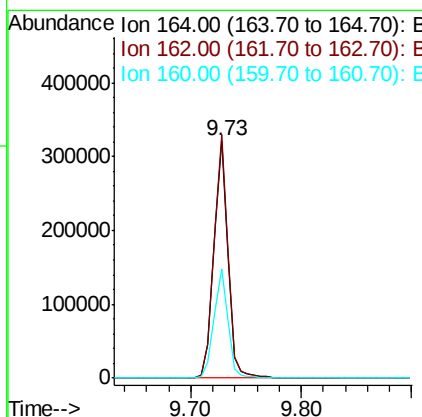
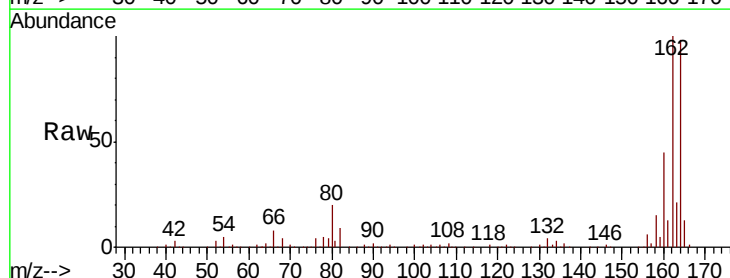
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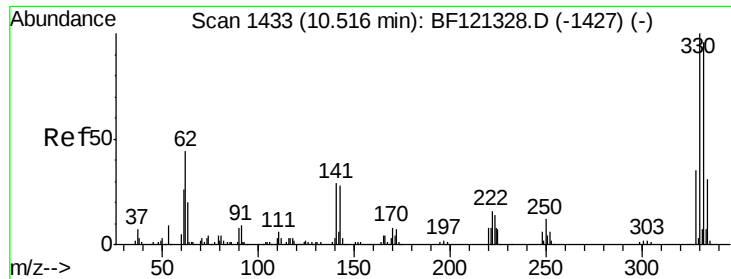
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF121432.D
Acq: 25 Aug 2020 17:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.7	122.5
160	46.0	37.0	55.4





#42

2,4,6-Tribromophenol

Concen: 76.770 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF121432.D

Acq: 25 Aug 2020 17:35

Instrument :

BNA_F

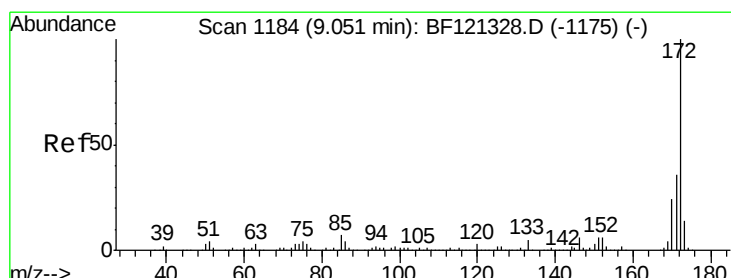
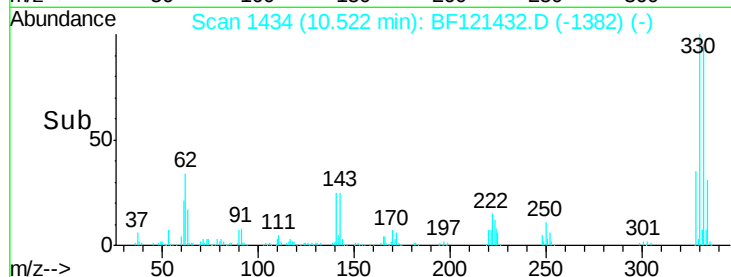
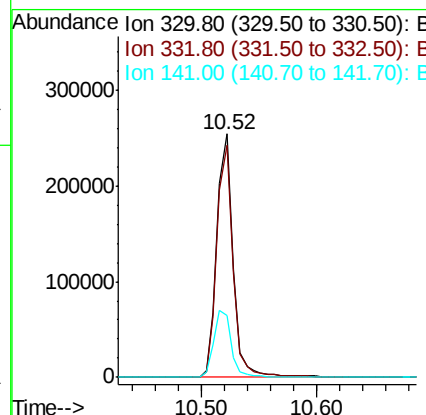
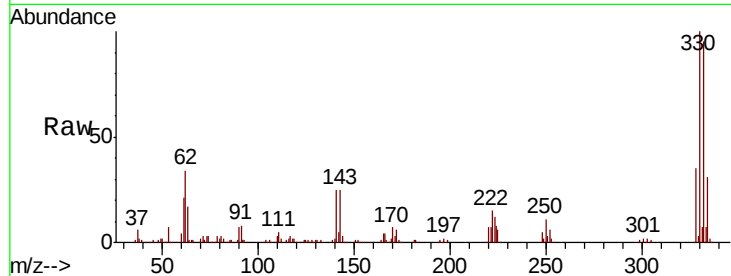
ClientSampleId :

RO-24

Tot Ion:	330	Resp:	251148
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.9	115.3
141	29.9	22.8	34.2

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#45

2-Fluorobiphenyl

Concen: 63.314 ng

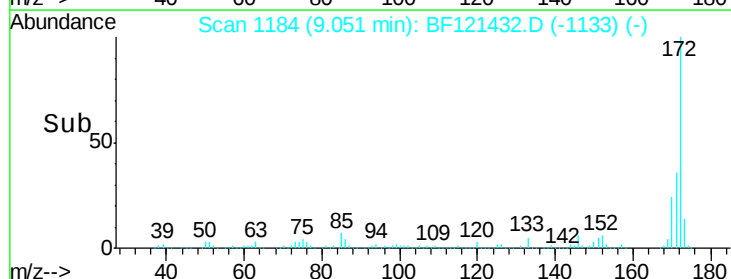
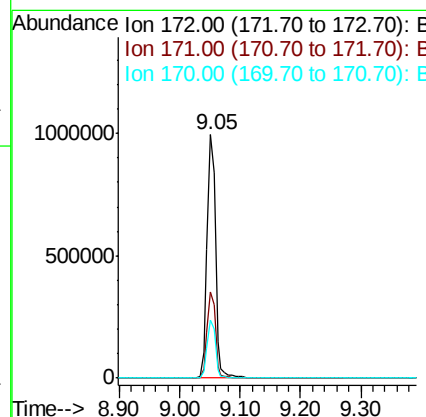
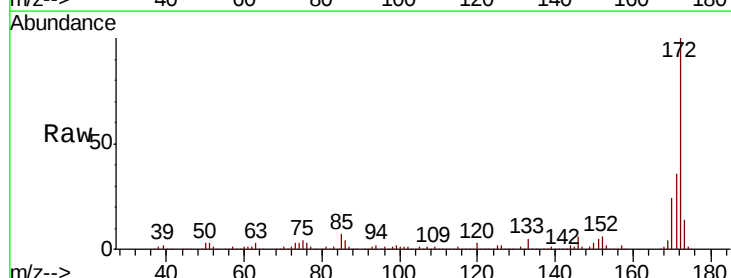
RT: 9.05 min Scan# 1184

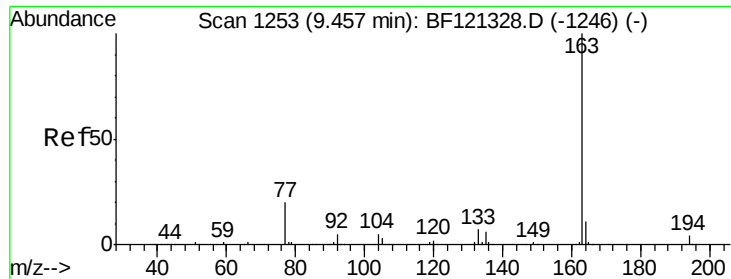
Delta R.T. 0.00 min

Lab File: BF121432.D

Acq: 25 Aug 2020 17:35

Tgt Ion:	172	Resp:	974122
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.0	43.6
170	24.0	19.4	29.2





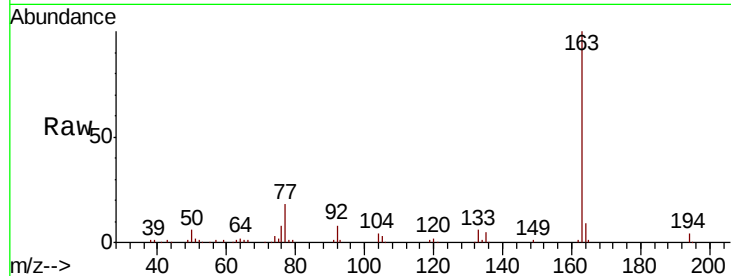
#50
Dimethylphthalate
Concen: 5.390 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF121432.D
Acq: 25 Aug 2020 17:35

Instrument :
BNA_F
ClientSampled :
RO-24

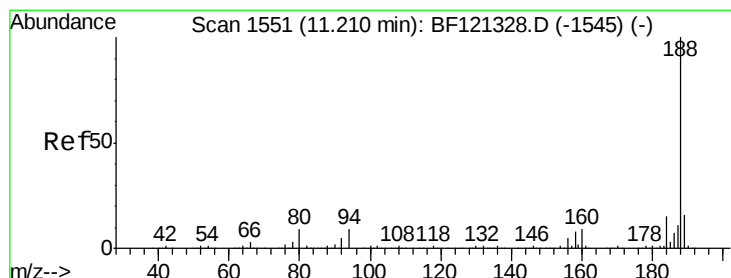
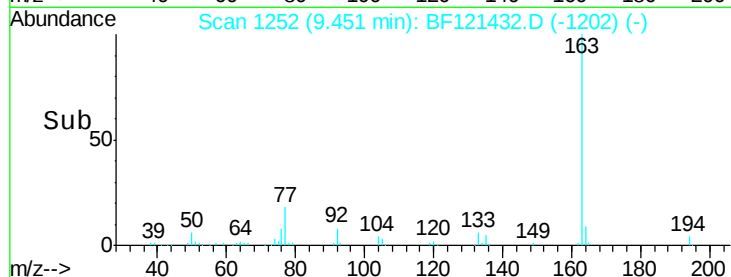
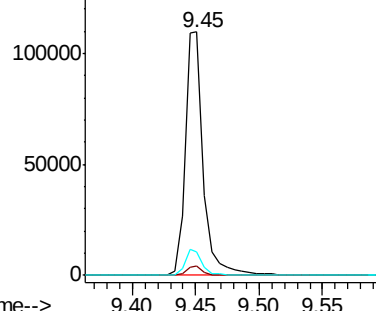
Tot Ion	Ratio	Resp	Lower	Upper
163	100	110086		
194	3.9		3.0	4.6
164	9.5		8.4	12.6

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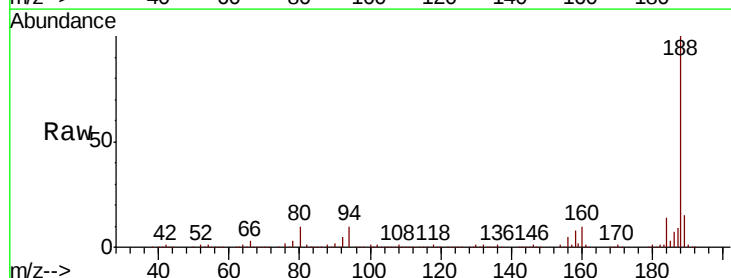


Abundance Ion 163.00 (162.70 to 163.70): E
150000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

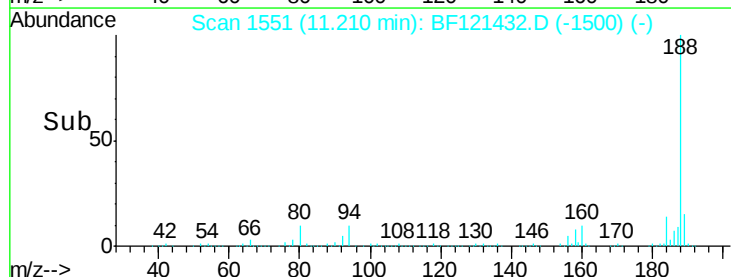
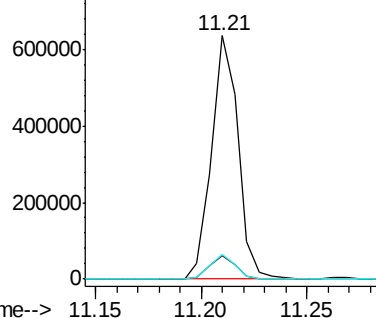


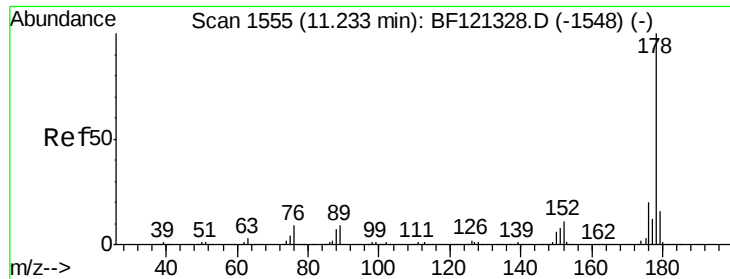
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF121432.D
Acq: 25 Aug 2020 17:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	553115		
94	9.8		7.2	10.8
80	10.0		7.4	11.0



Abundance Ion 188.00 (187.70 to 188.70): E
800000
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





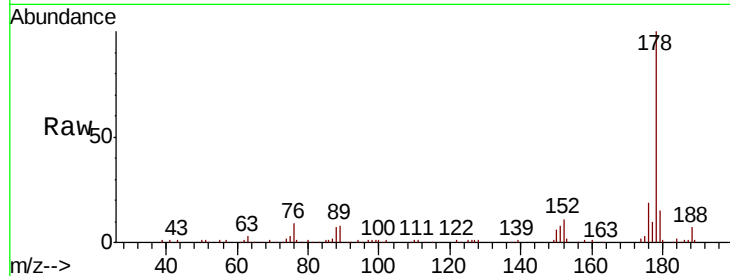
#71
Phenanthrene
Concen: 3.034 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BF121432.D
Acq: 25 Aug 2020 17:35

Instrument :
BNA_F
ClientSampleId :
RO-24

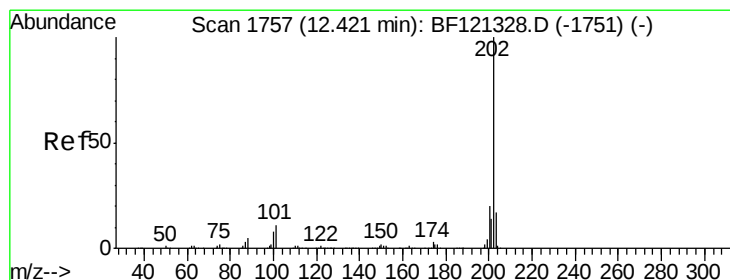
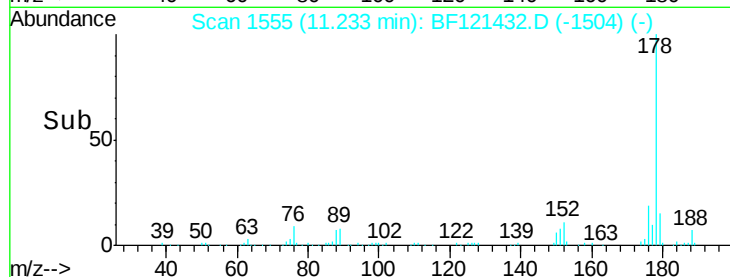
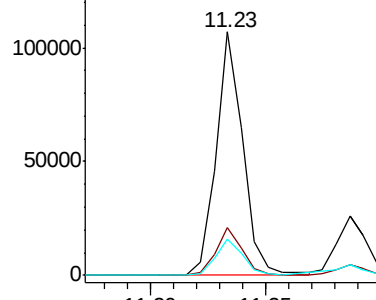
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.0	12.8	19.2

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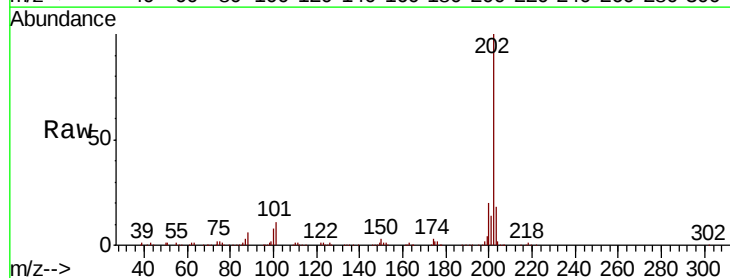


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

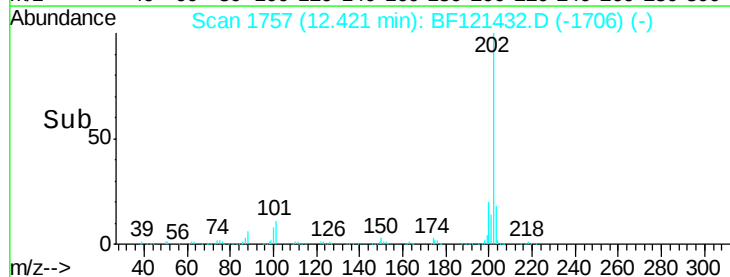
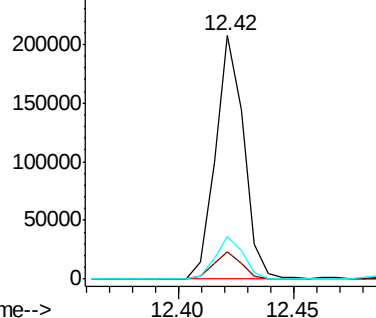


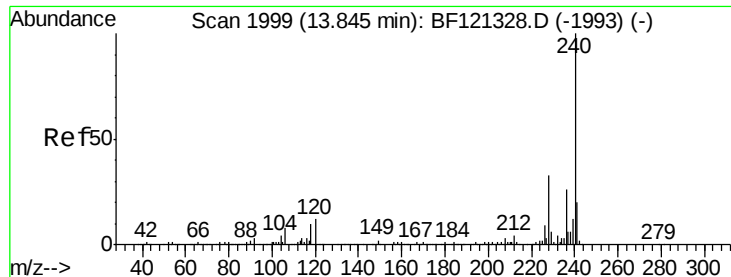
#75
Fluoranthene
Concen: 5.738 ng
RT: 12.42 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF121432.D
Acq: 25 Aug 2020 17:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.6
203	17.6	0.0	37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF121432.D

Acq: 25 Aug 2020 17:35

Instrument :

BNA_F

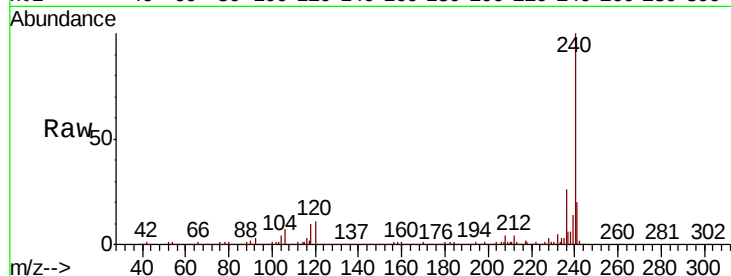
ClientSampleId :

RO-24

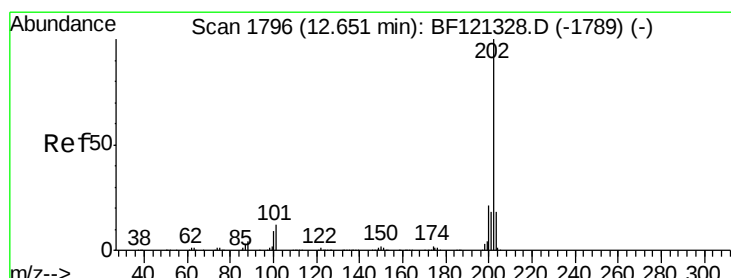
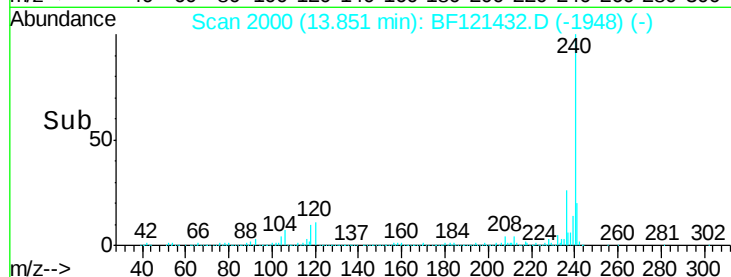
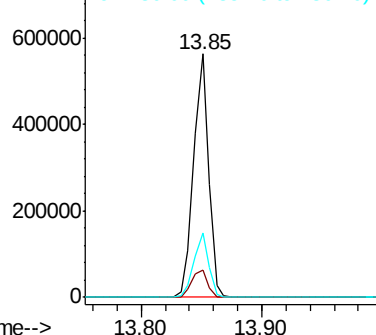
Tot Ion:	240	Resp:	481624
Ion Ratio	Lower	Upper	
240	100		
120	11.0	9.6	14.4
236	26.2	20.6	31.0

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Pyrene

Concen: 4.114 ng

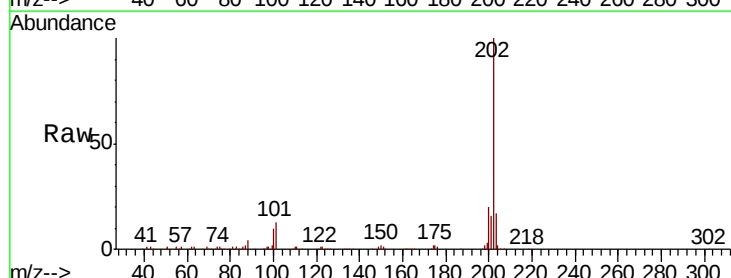
RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

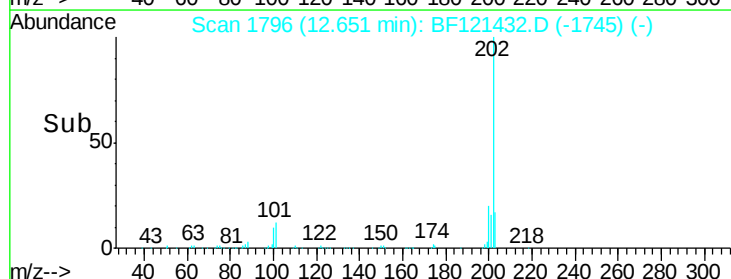
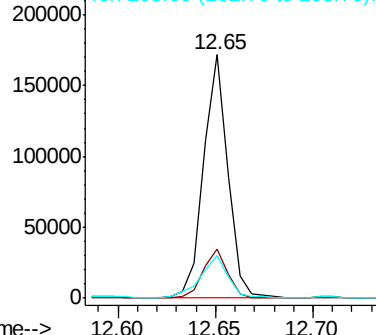
Lab File: BF121432.D

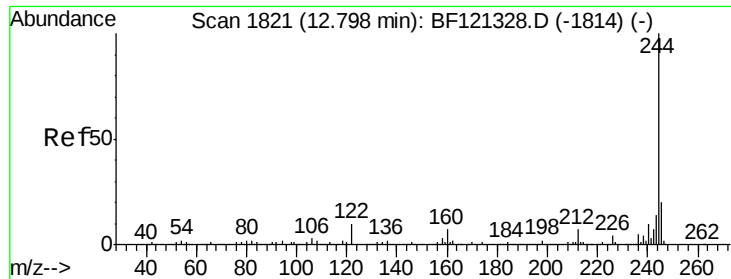
Acq: 25 Aug 2020 17:35

Tgt Ion:	202	Resp:	148826
Ion Ratio	Lower	Upper	
202	100		
200	20.0	16.6	24.8
203	17.4	14.2	21.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





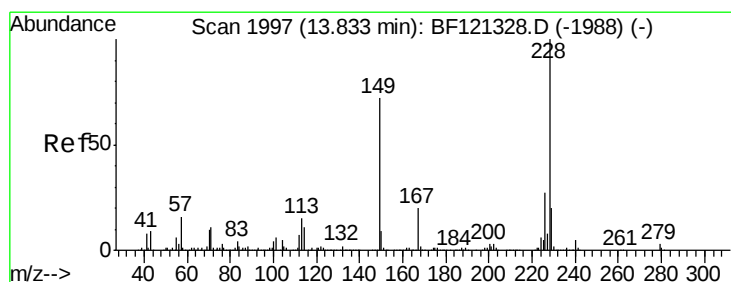
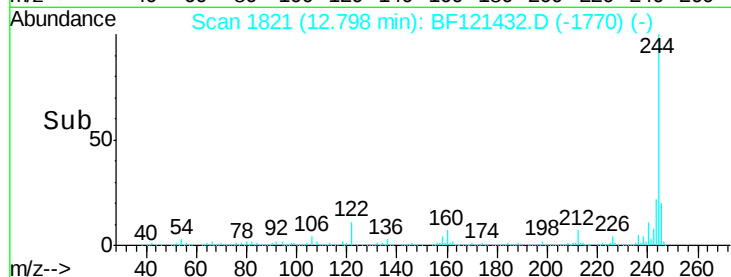
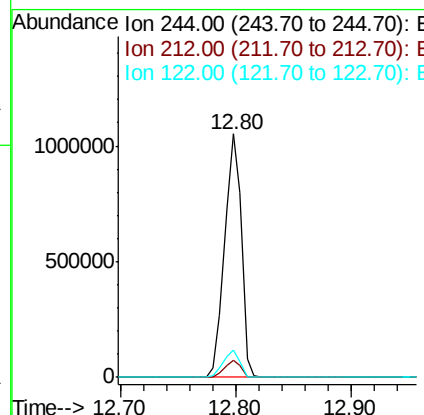
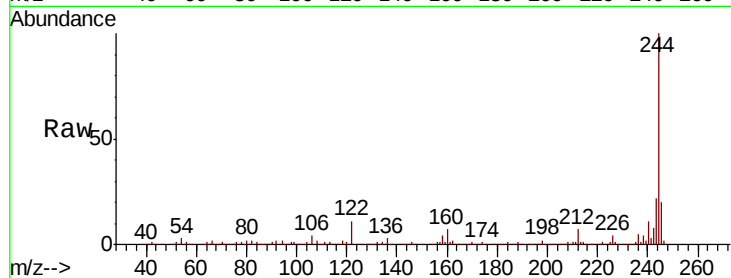
#79
 Terphenyl-d14
 Concen: 42.804 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF121432.D
 Acq: 25 Aug 2020 17:35

Instrument :
 BNA_F
 ClientSampled :
 RO-24

Tot Ion:244 Resp: 1054955
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 11.3 7.8 11.8

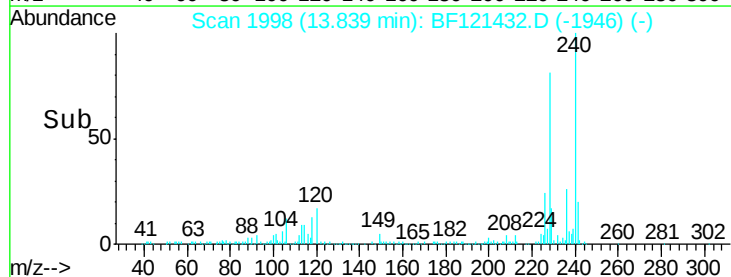
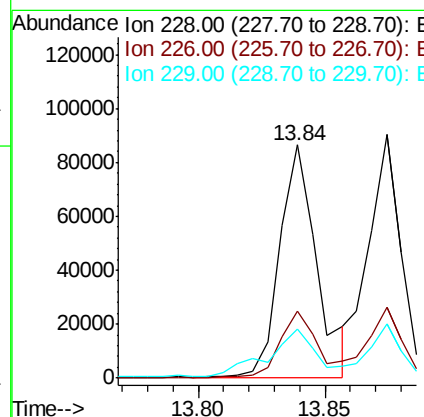
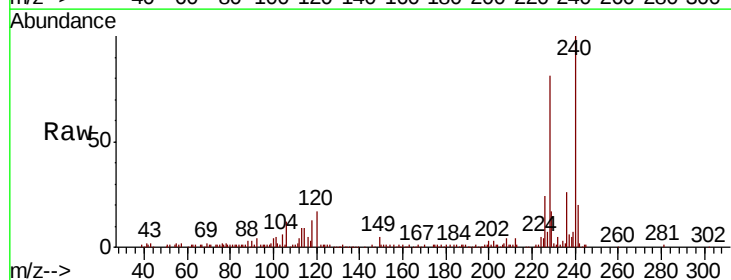
Manual Integrations
 APPROVED

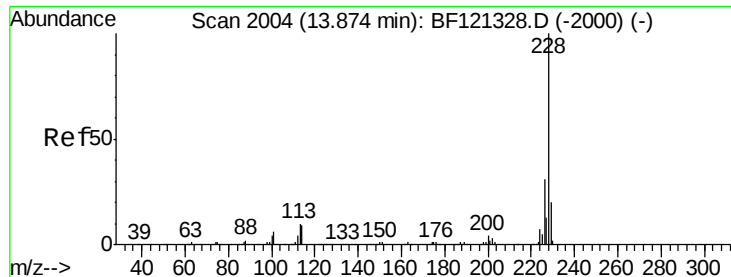
mohammad
 8/26/2020 4:00:47 PM



#81
 Benzo(a)anthracene
 Concen: 2.907 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.01 min
 Lab File: BF121432.D
 Acq: 25 Aug 2020 17:35

Tgt Ion:228 Resp: 86975
 Ion Ratio Lower Upper
 228 100
 226 28.9 21.8 32.6
 229 21.0 15.8 23.8





#83

Chrysene

Concen: 2.612 ng

RT: 13.87 min Scan# 2004

Delta R.T. 0.00 min

Lab File: BF121432.D

Acq: 25 Aug 2020 17:35

Instrument :

BNA_F

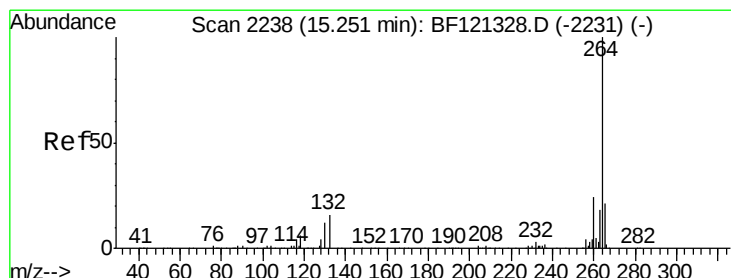
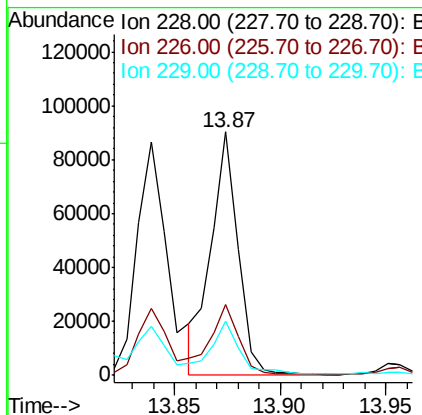
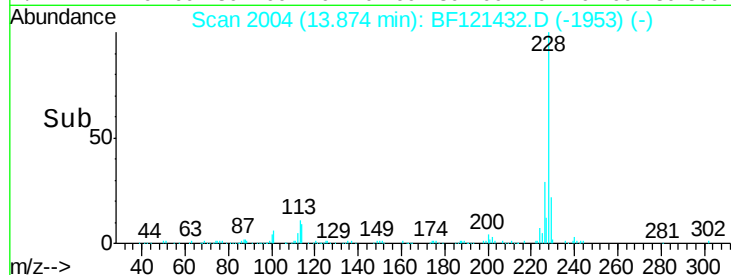
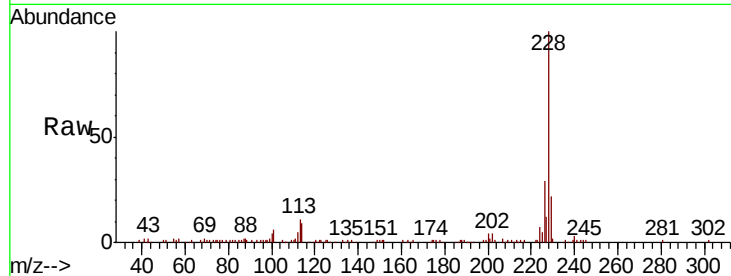
ClientSampleId :

RO-24

Tot Ion:	228	Resp:	79917
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.6	36.8
229	22.0	15.9	23.9

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

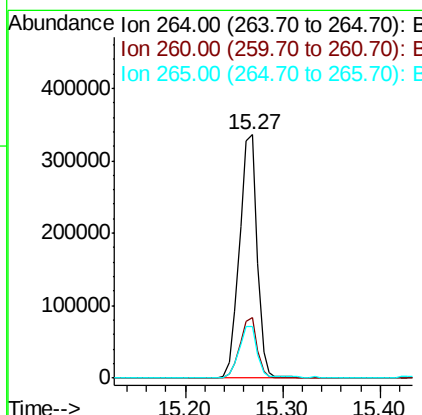
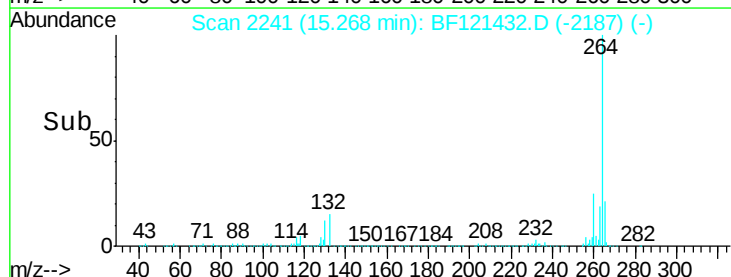
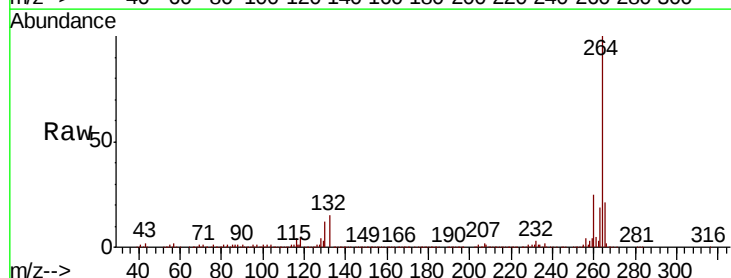
RT: 15.27 min Scan# 2241

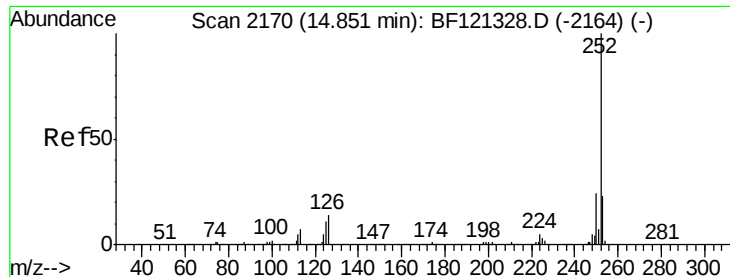
Delta R.T. 0.02 min

Lab File: BF121432.D

Acq: 25 Aug 2020 17:35

Tgt Ion:	264	Resp:	425099
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.5	29.3
265	21.3	17.1	25.7





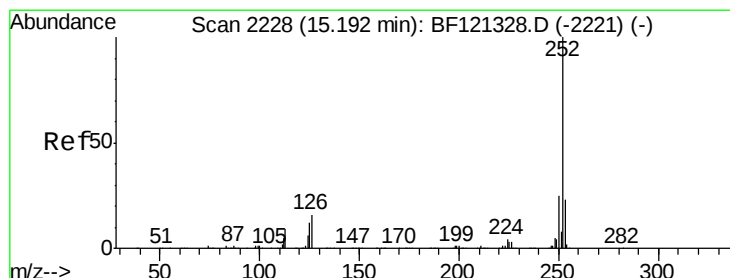
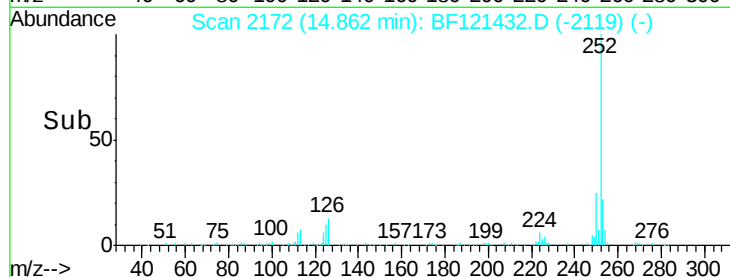
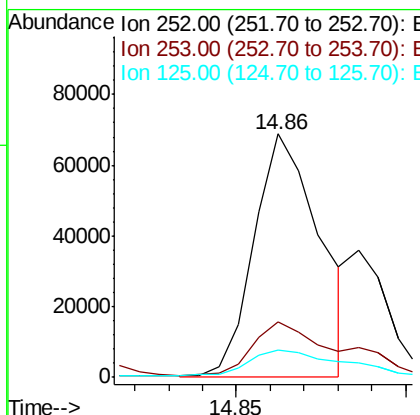
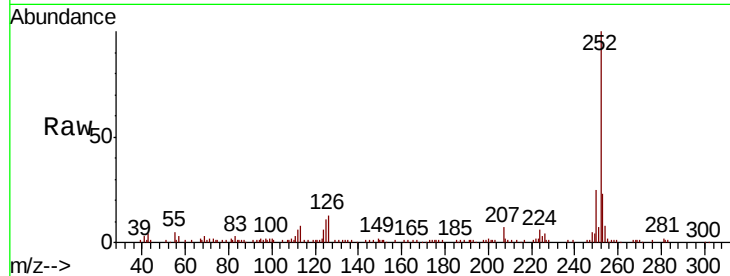
#88
Benzo(b)fluoranthene
Concen: 3.393 ng m
RT: 14.86 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BF121432.D
Acq: 25 Aug 2020 17:35

Instrument :
BNA_F
ClientSampleId :
RO-24

Tot Ion:	252	Resp:	93191
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.0	27.0
125	11.2	8.6	12.8

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.320 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.01 min
Lab File: BF121432.D
Acq: 25 Aug 2020 17:35

Tgt Ion:	252	Resp:	55050
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.0	27.0
125	11.8	9.4	14.0

