

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
 Data File : BF121431.D
 Acq On : 25 Aug 2020 17:03
 Operator : JU/CG
 Sample : L3784-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-11

Manual Integrations
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mohammad
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Quant Time: Aug 25 18:22:18 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	143430	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	577910	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	301164	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	592824	20.00	ng	0.00
76) Chrysene-d12	13.85	240	499492	20.00	ng	0.00
86) Perylene-d12	15.26	264	441042	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	717590	82.04	ng	0.01
7) Phenol-d6	6.35	99	882319	79.01	ng	0.00
23) Nitrobenzene-d5	7.26	82	583163	57.07	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	272308	77.59	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1054102	64.00	ng	0.00
79) Terphenyl-d14	12.80	244	1139228	44.57	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.45	163	116373	5.311	ng	99
75) Fluoranthene	12.42	202	140822	4.229	ng	99
78) Pyrene	12.65	202	137077	3.653	ng	99
81) Benzo(a)anthracene	13.84	228	89220	2.876	ng	96
83) Chrysene	13.87	228	81989	2.584	ng	97
88) Benzo(b)fluoranthene	14.86	252	116818m	4.100	ng	
90) Benzo(a)pyrene	15.20	252	70019	2.844	ng	97
92) Benzo(g,h,i)perylene	17.04	276	47074	2.181	ng	97

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

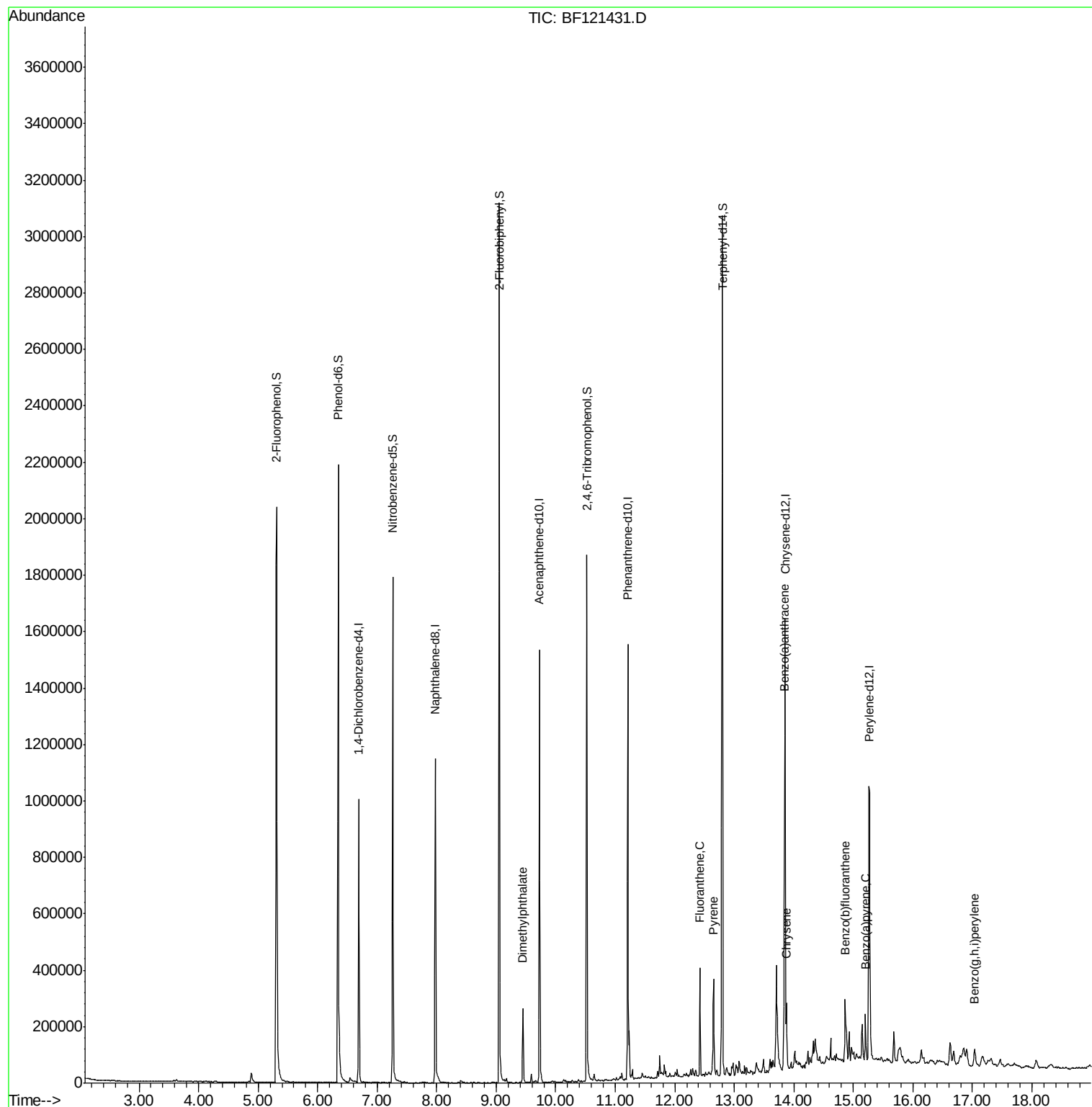
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082520\
Data File : BF121431.D
Acq On : 25 Aug 2020 17:03
Operator : JU/CG
Sample : L3784-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

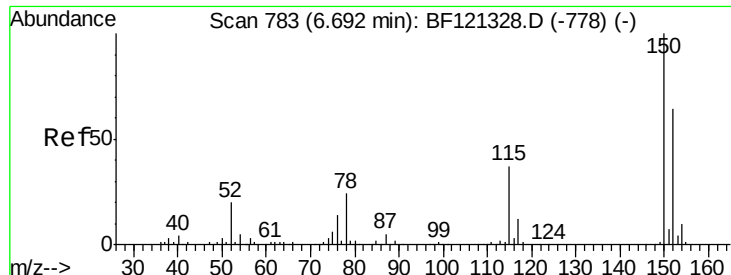
Instrument :
BNA_F
ClientSampleId :
RO-11

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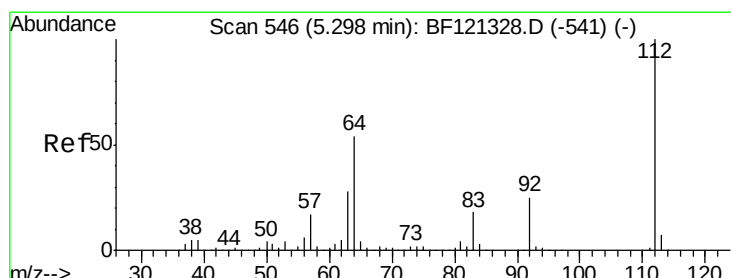
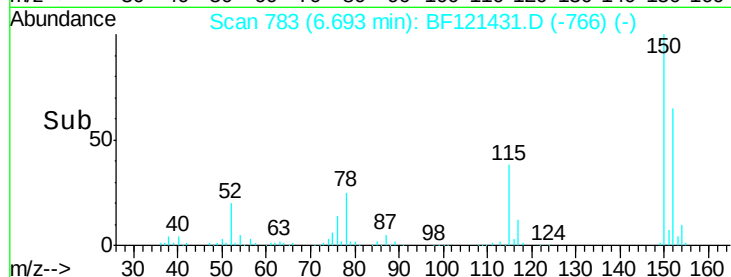
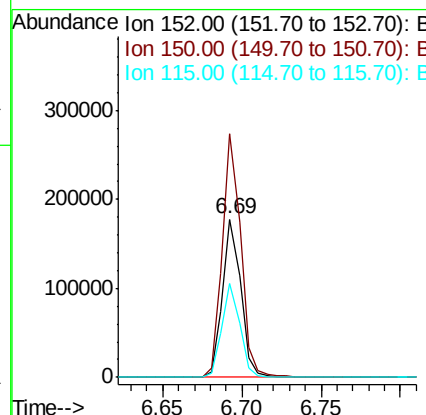
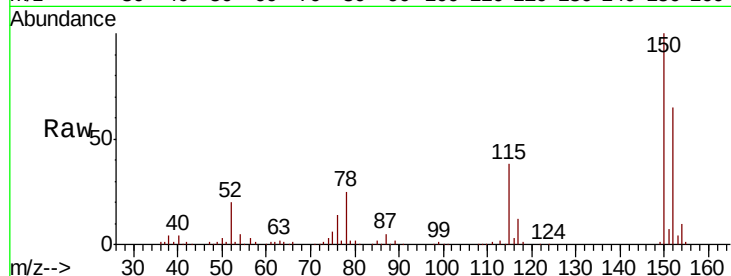
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF121431.D
 Acq: 25 Aug 2020 17:03

Instrument :
 BNA_F
 ClientSampled :
 RO-11

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.8	187.2
115	59.1	46.1	69.1

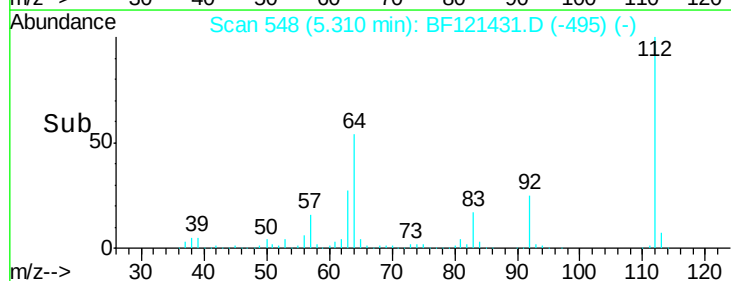
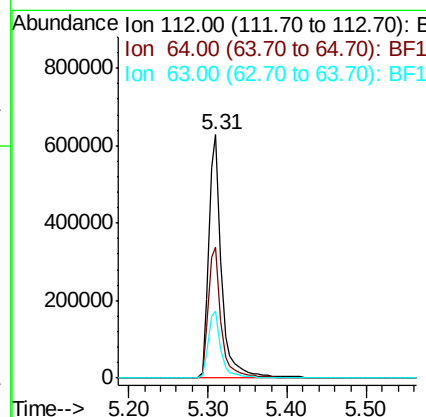
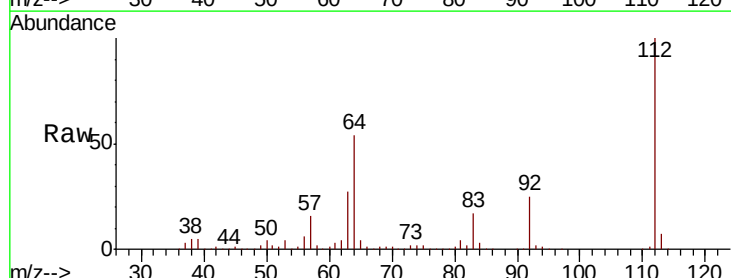
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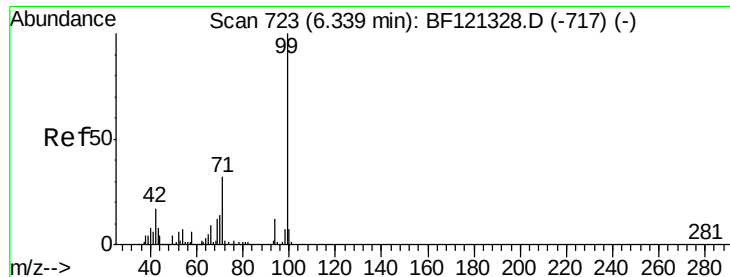
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#5
 2-Fluorophenol
 Concen: 82.037 ng
 RT: 5.31 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF121431.D
 Acq: 25 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.9	43.5	65.3
63	27.5	22.0	33.0





#7

Phenol-d6

Concen: 79.015 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121431.D

Acq: 25 Aug 2020 17:03

Instrument :

BNA_F

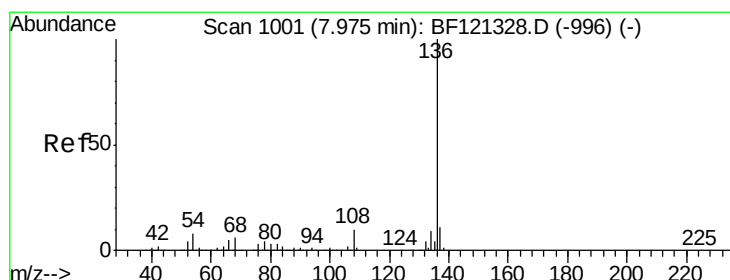
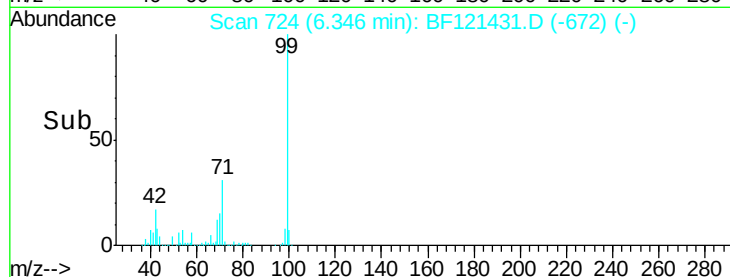
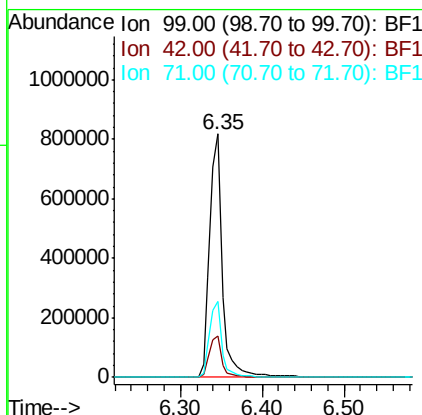
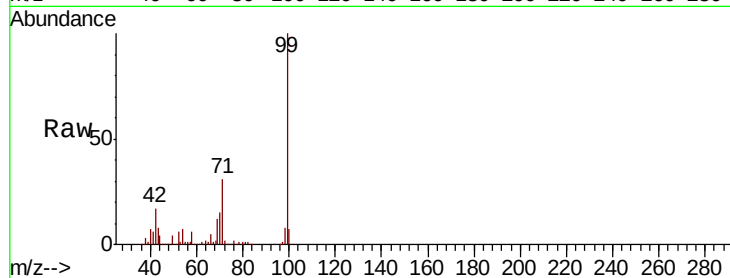
ClientSampled :

RO-11

Tot Ion:	99	Resp:	882319
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.5	20.3
71	31.2	25.2	37.8

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#21

Naphthalene-d8

Concen: 20.000 ng

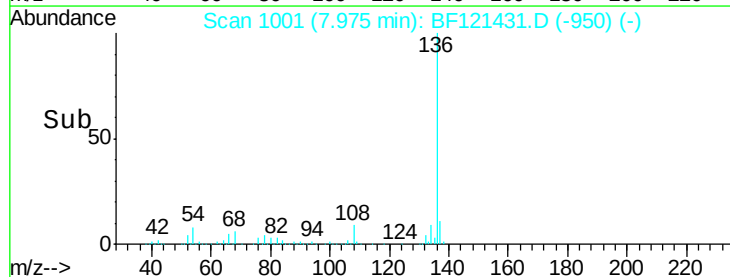
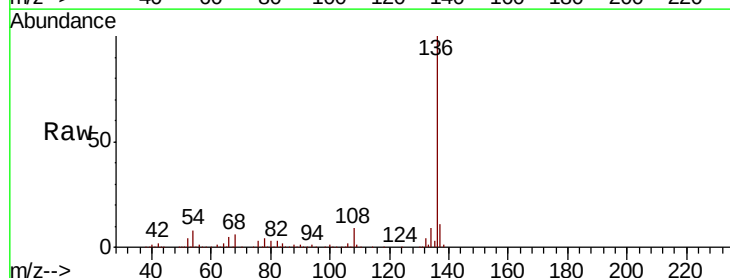
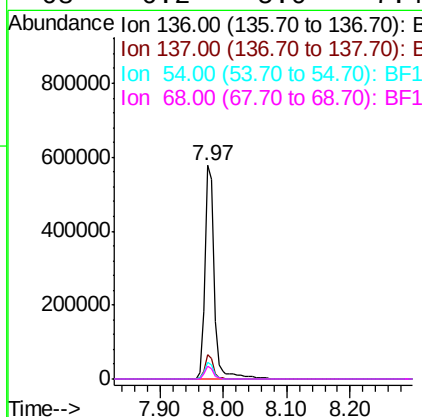
RT: 7.97 min Scan# 1001

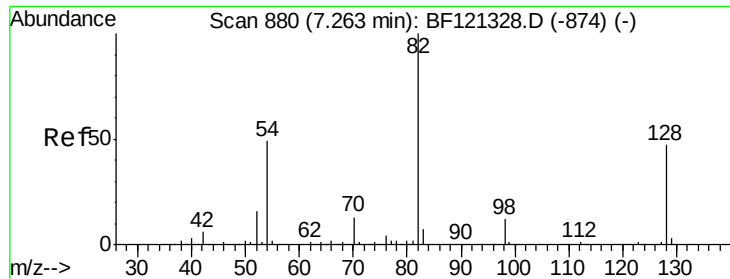
Delta R.T. 0.00 min

Lab File: BF121431.D

Acq: 25 Aug 2020 17:03

Tgt Ion:	136	Resp:	577910
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	8.0	6.1	9.1
68	6.2	5.0	7.4





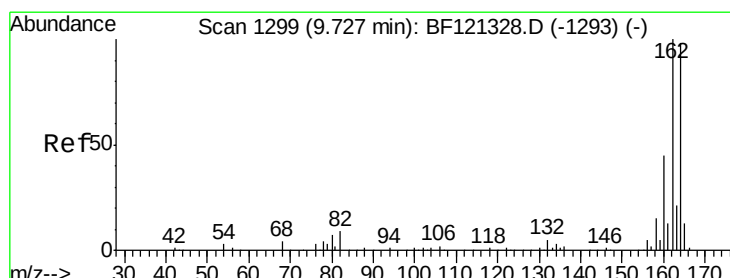
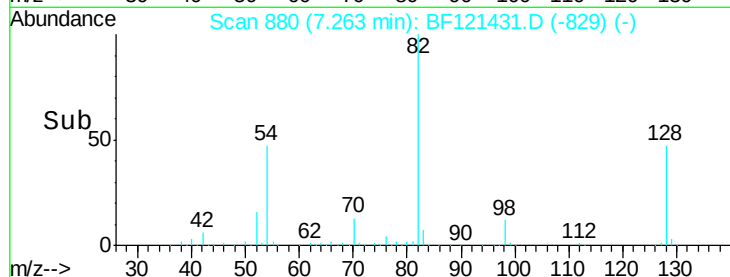
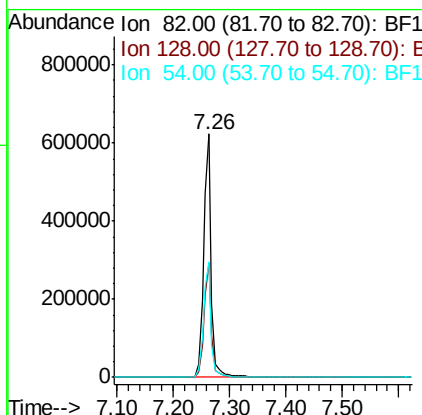
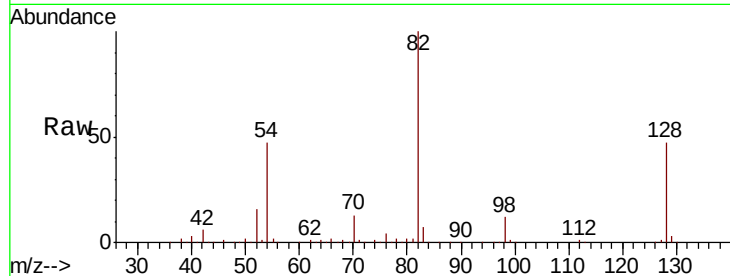
#23
 Nitrobenzene-d5
 Concen: 57.070 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BF121431.D
 Acq: 25 Aug 2020 17:03

Instrument :
 BNA_F
 ClientSampled :
 RO-11

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.9	56.9
54	47.4	39.0	58.4

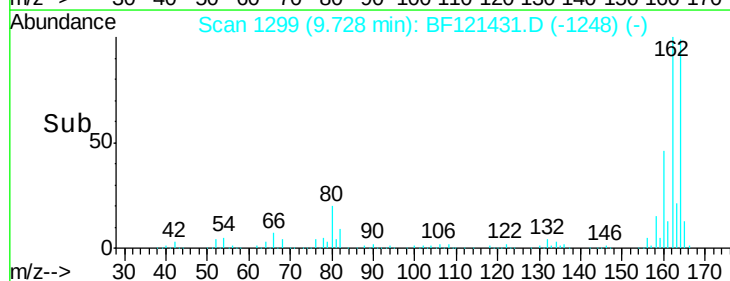
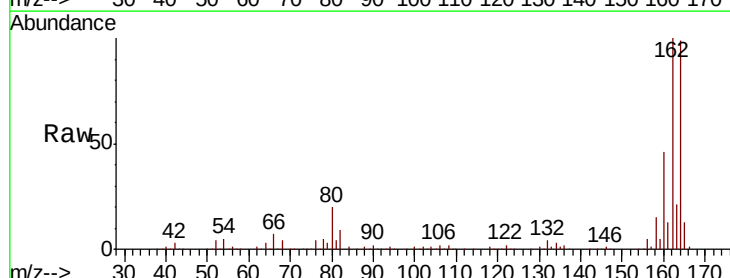
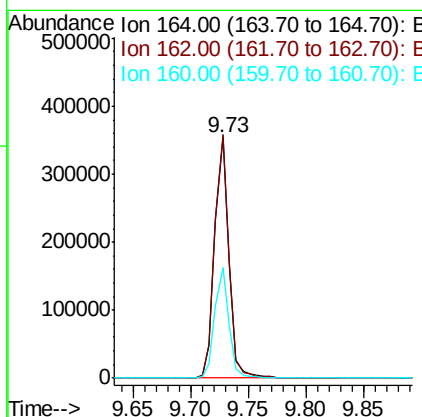
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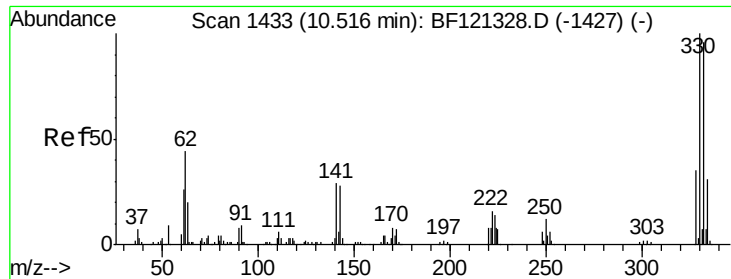
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF121431.D
 Acq: 25 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.7	122.5
160	46.1	37.0	55.4





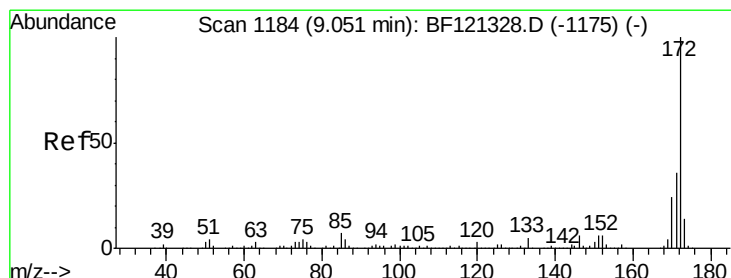
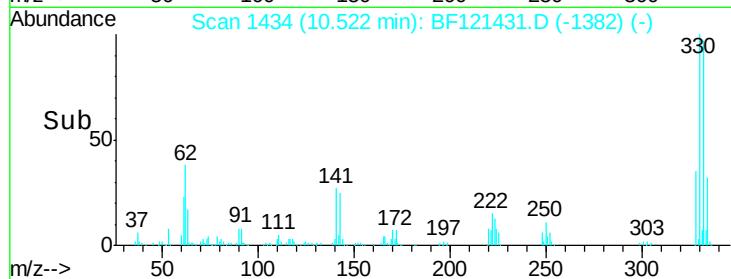
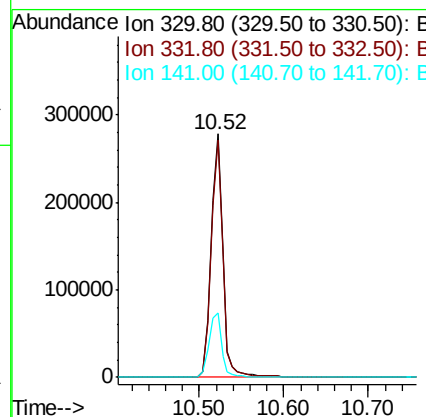
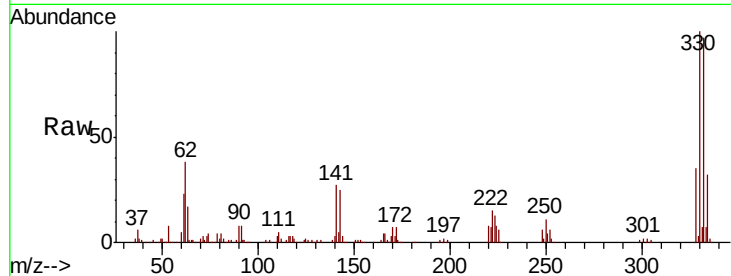
#42
 2,4,6-Tribromophenol
 Concen: 77.591 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF121431.D
 Acq: 25 Aug 2020 17:03

Instrument :
 BNA_F
 ClientSampleId :
 RO-11

Tot Ion	Ratio	Resp	Lower	Upper
330	100	272308		
332	97.0	76.9	115.3	
141	28.9	22.8	34.2	

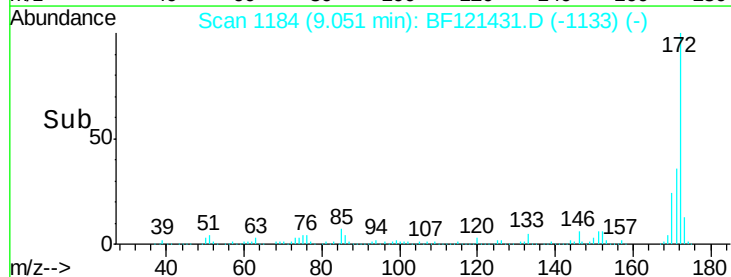
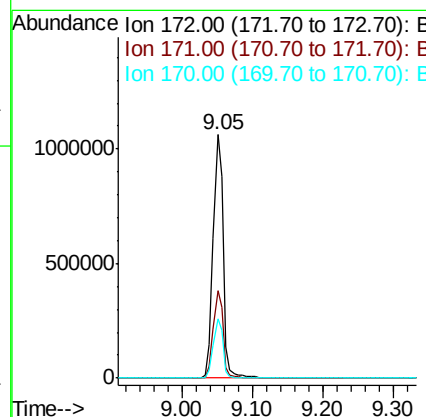
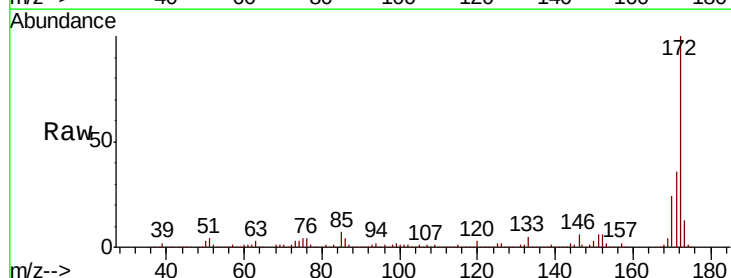
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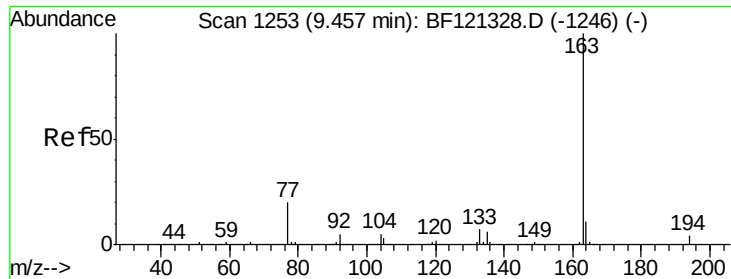
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#45
 2-Fluorobiphenyl
 Concen: 63.997 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BF121431.D
 Acq: 25 Aug 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1054102		
171	36.1	29.0	43.6	
170	24.3	19.4	29.2	





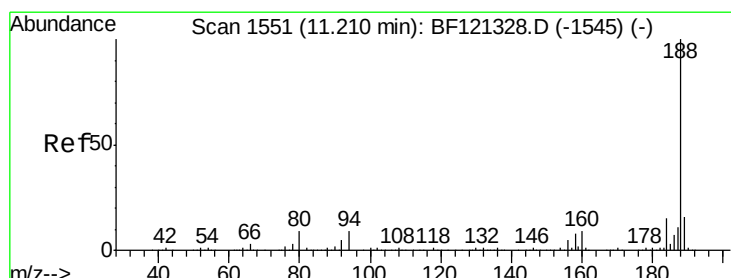
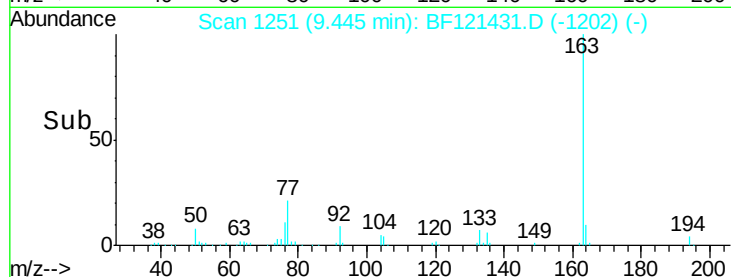
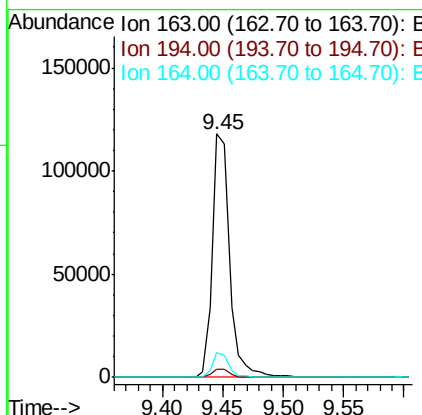
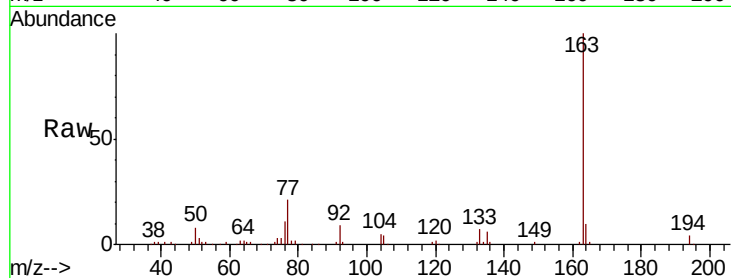
#50
Dimethylphthalate
Concen: 5.311 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF121431.D
Acq: 25 Aug 2020 17:03

Instrument :
BNA_F
ClientSampleId :
RO-11

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	3.0	4.6	
164	10.2	8.4	12.6	

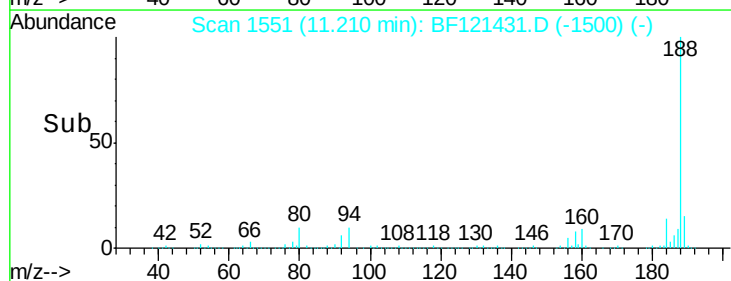
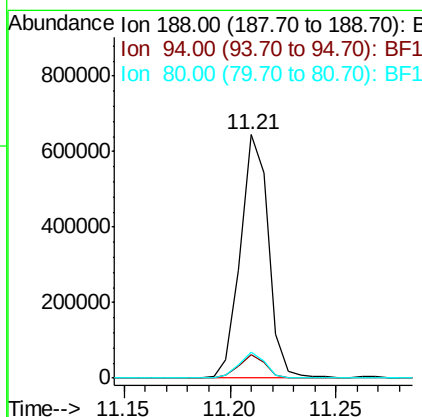
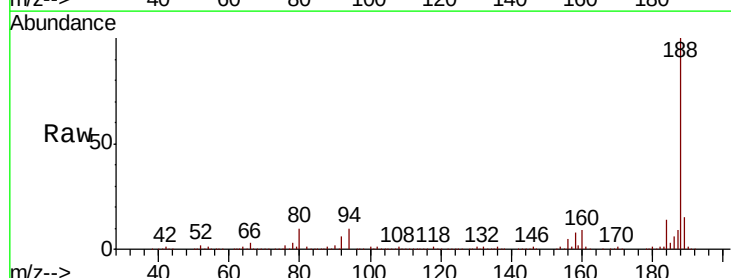
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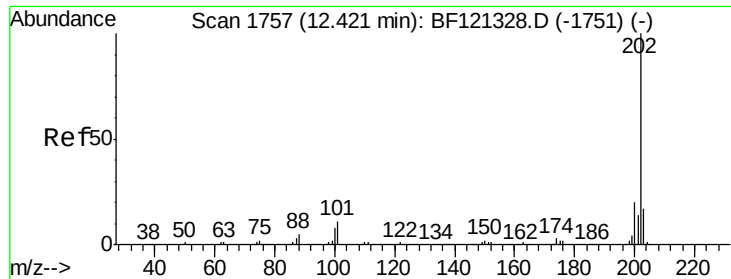
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.00 min
Lab File: BF121431.D
Acq: 25 Aug 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.8	7.2	10.8	
80	10.4	7.4	11.0	





#75

Fluoranthene

Concen: 4.229 ng

RT: 12.42 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BF121431.D

Acq: 25 Aug 2020 17:03

Instrument :

BNA_F

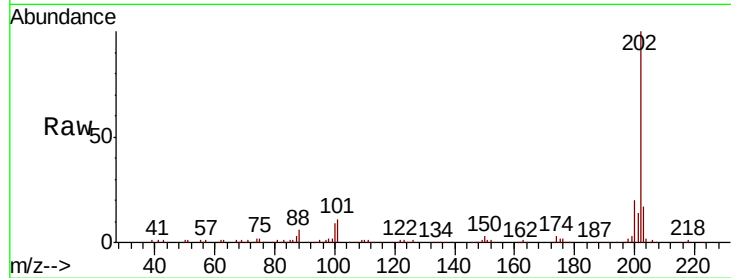
ClientSampleId :

RO-11

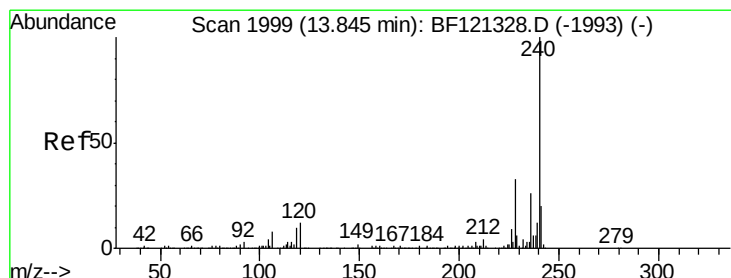
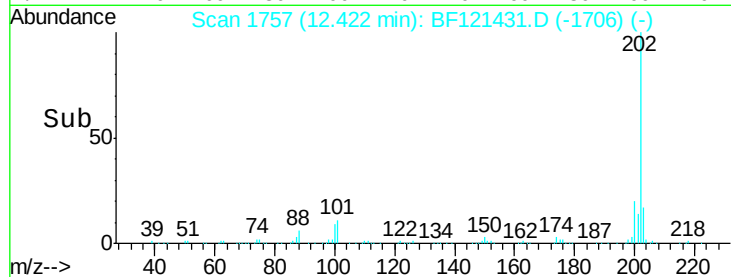
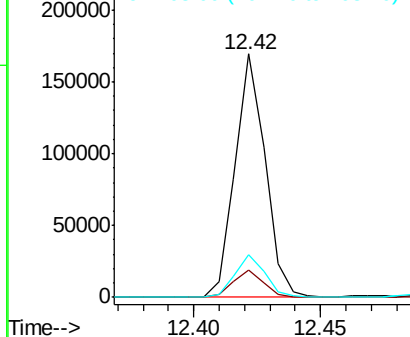
Tot Ion	Ratio	Resp	Lower	Upper
202	100	140822		
101	11.4	0.0	30.6	
203	17.4	0.0	37.5	

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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

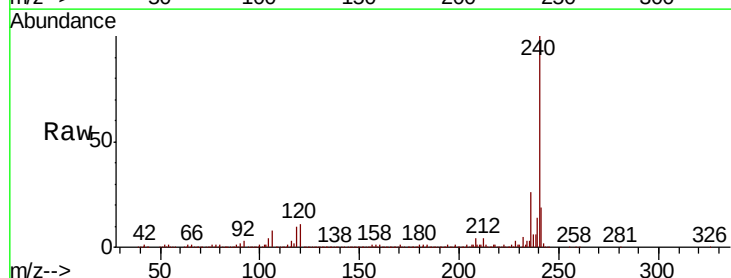
RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

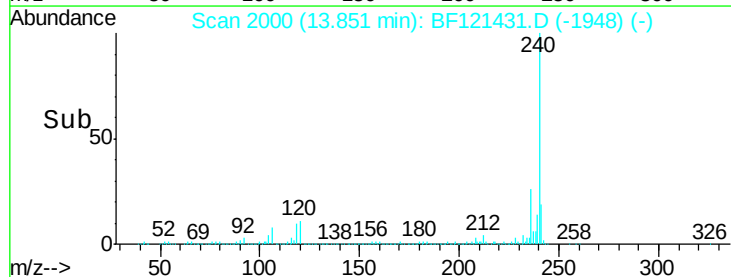
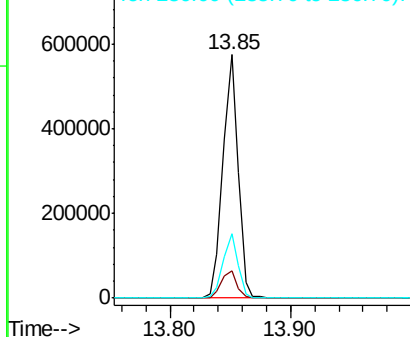
Lab File: BF121431.D

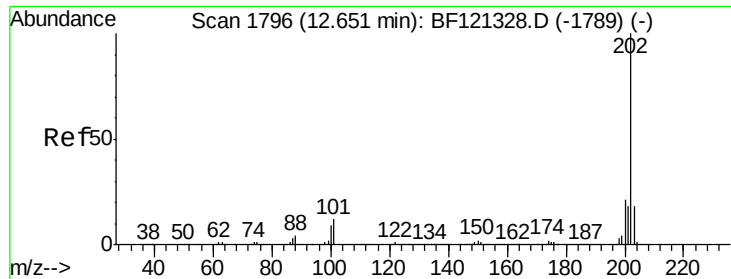
Acq: 25 Aug 2020 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	499492		
120	11.4	9.6	14.4	
236	26.4	20.6	31.0	



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





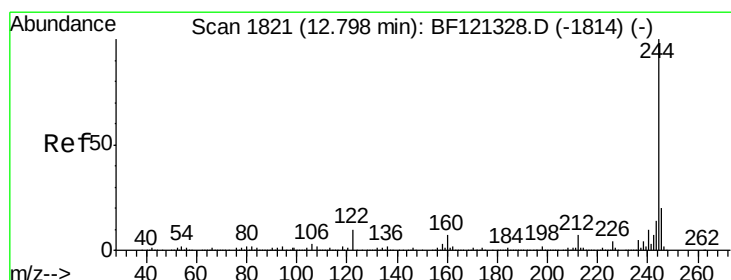
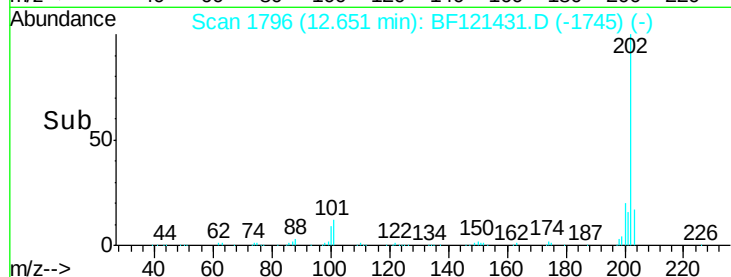
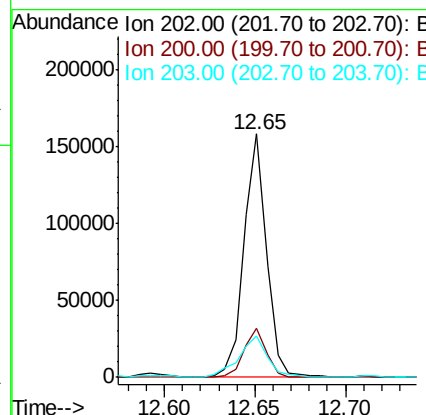
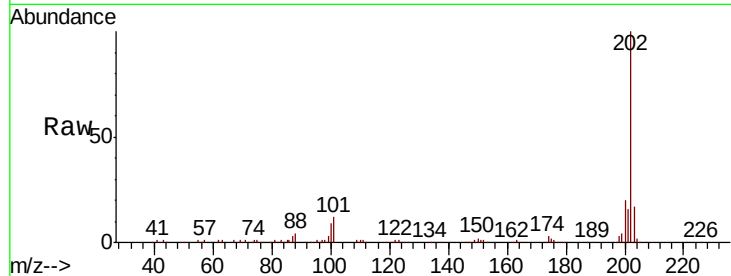
#78
Pvrene
Concen: 3.653 ng
RT: 12.65 min Scan# 1796
Delta R.T. 0.00 min
Lab File: BF121431.D
Acq: 25 Aug 2020 17:03

Instrument :
BNA_F
ClientSampleId :
RO-11

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	24.8
203	17.1	14.2	21.2

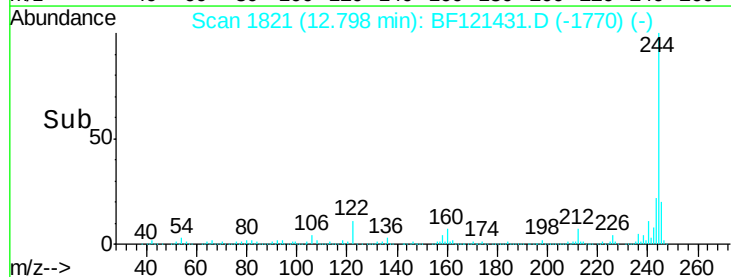
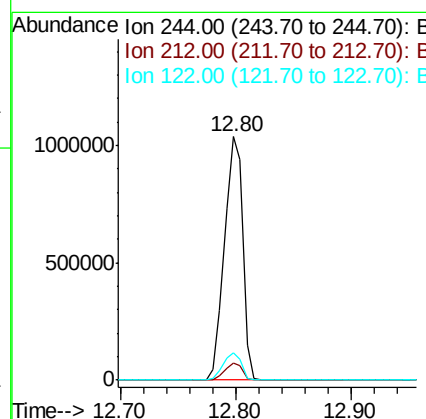
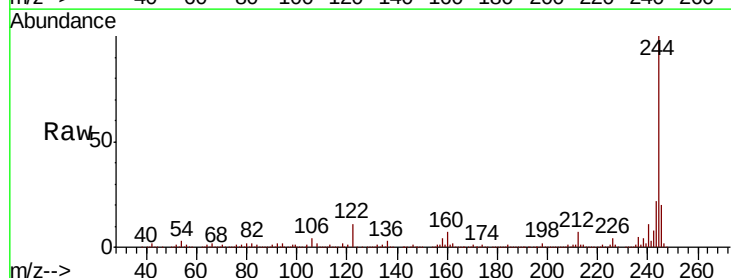
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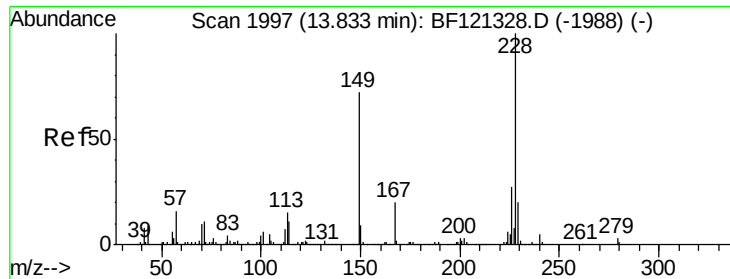
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#79
Terphenyl-d14
Concen: 44.570 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF121431.D
Acq: 25 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	11.4	7.8	11.8





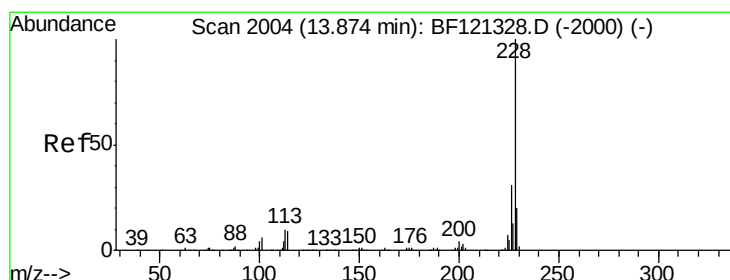
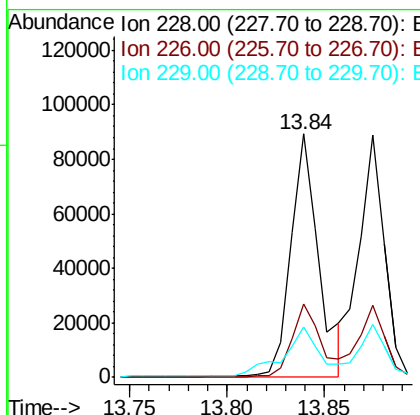
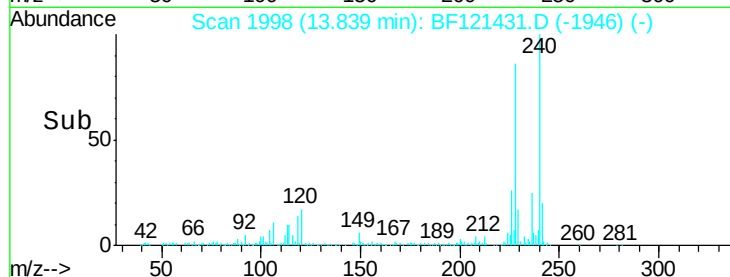
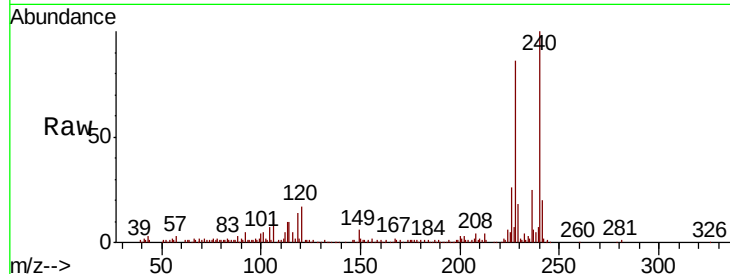
#81
Benzo(a)anthracene
Concen: 2.876 ng
RT: 13.84 min Scan# 1998
Delta R.T. 0.01 min
Lab File: BF121431.D
Acq: 25 Aug 2020 17:03

Instrument :
BNA_F
ClientSampled :
RO-11

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	21.8	32.6
229	20.5	15.8	23.8

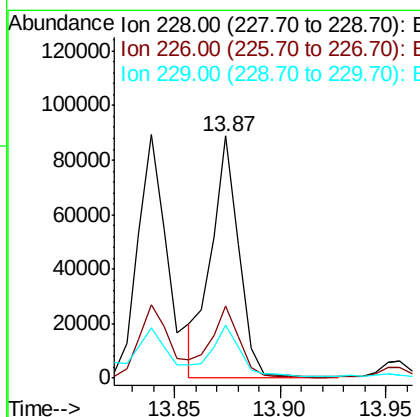
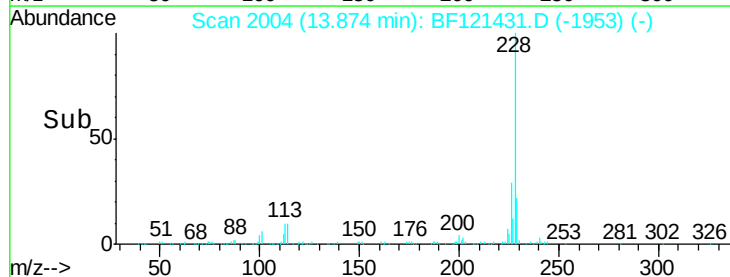
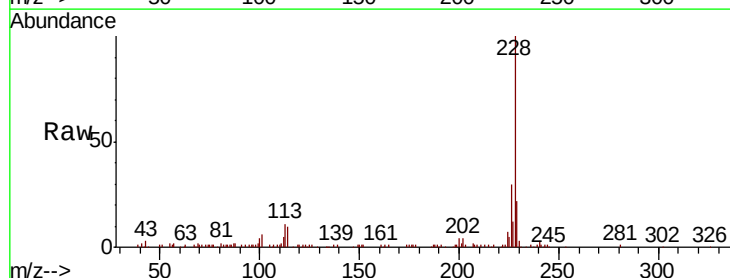
Manual Integrations
APPROVED

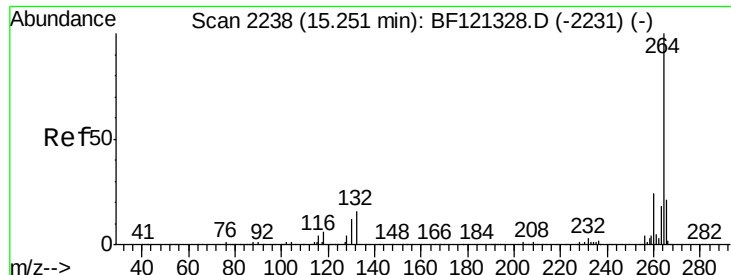
mohammad
8/26/2020 4:00:45 PM



#83
Chrysene
Concen: 2.584 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF121431.D
Acq: 25 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.6	36.8
229	22.1	15.9	23.9





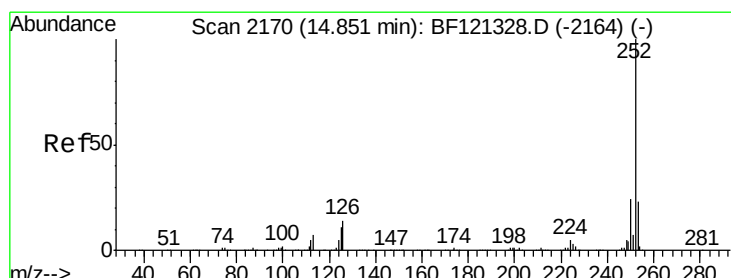
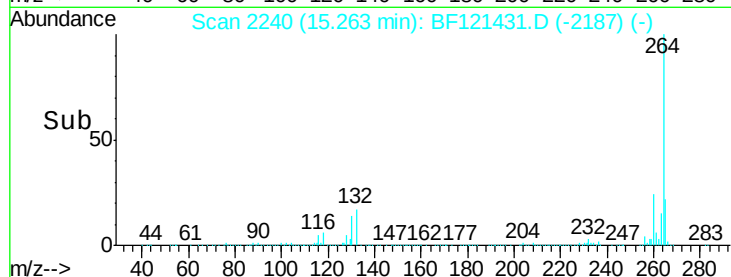
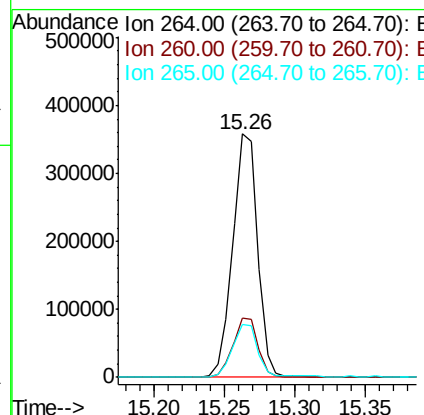
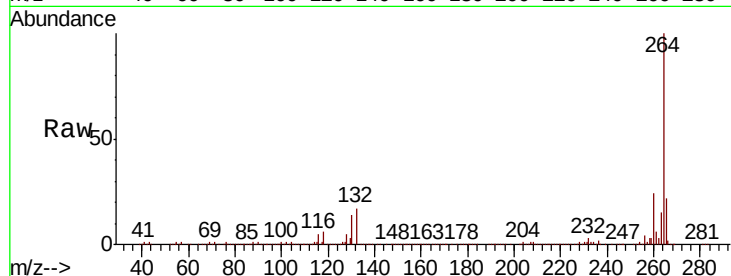
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF121431.D
Acq: 25 Aug 2020 17:03

Instrument :
BNA_F
ClientSampleId :
RO-11

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.9	17.1	25.7

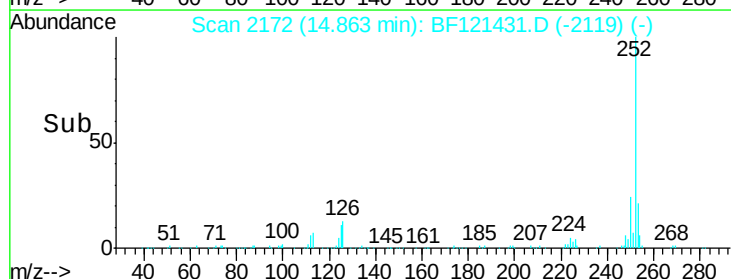
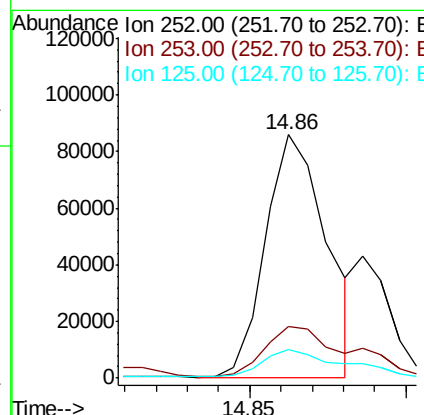
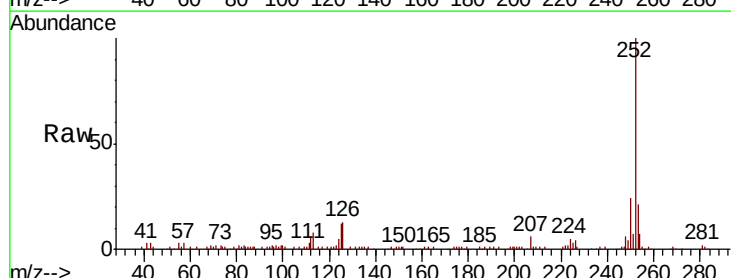
Manual Integrations
APPROVED

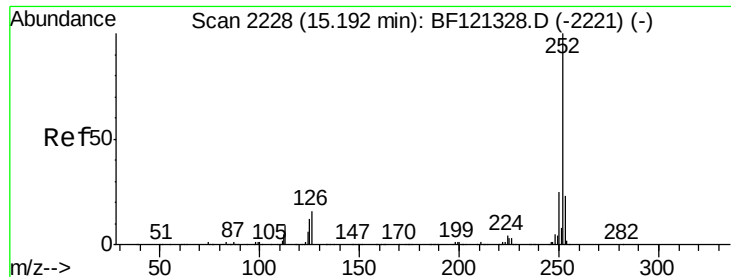
mohammad
8/26/2020 4:00:45 PM



#88
Benzo(b)fluoranthene
Concen: 4.100 ng m
RT: 14.86 min Scan# 2172
Delta R.T. 0.01 min
Lab File: BF121431.D
Acq: 25 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.0	27.0
125	11.8	8.6	12.8





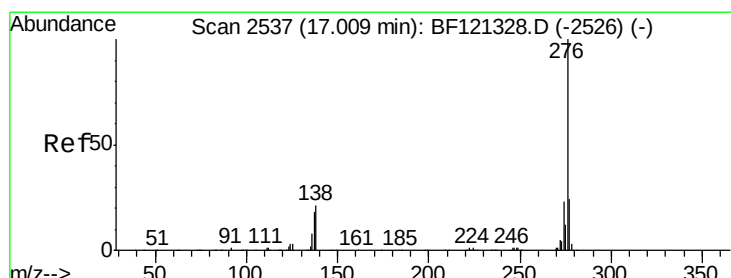
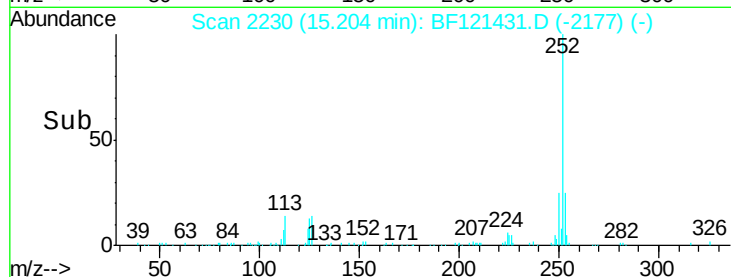
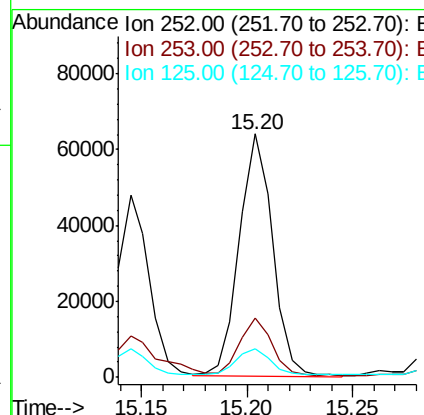
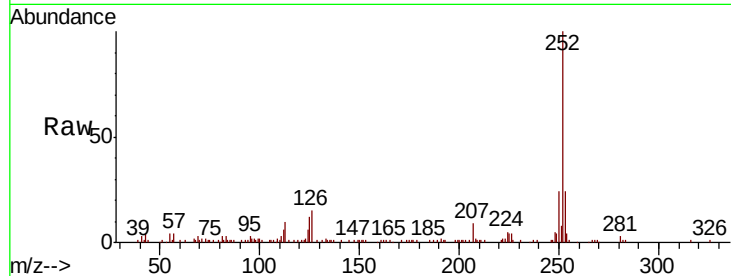
#90
Benzo(a)pyrene
Concen: 2.844 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.01 min
Lab File: BF121431.D
Acq: 25 Aug 2020 17:03

Instrument :
BNA_F
ClientSampleId :
RO-11

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	11.7	9.4	14.0

Manual Integrations
APPROVED

mohammad
8/26/2020 4:00:45 PM



#92
Benzo(g,h,i)perylene
Concen: 2.181 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.03 min
Lab File: BF121431.D
Acq: 25 Aug 2020 17:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.3	28.9
138	23.1	16.8	25.2

