

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
 Data File : BF121252.D
 Acq On : 11 Aug 2020 21:25
 Operator : JU/CG
 Sample : L3506-01 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080720

Manual Integrations
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Quant Time: Aug 12 11:02:08 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	6.79	152	146984	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	581274	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	302884	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	610611	20.00	ng	0.00
76) Chrysene-d12	13.96	240	431556	20.00	ng	0.00
86) Perylene-d12	15.42	264	415423	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	372132	41.50	ng	-0.01
7) Phenol-d6	6.43	99	463393	40.01	ng	-0.02
23) Nitrobenzene-d5	7.36	82	297702	29.63	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	140697	42.44	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	634167	31.26	ng	-0.01
79) Terphenyl-d14	12.90	244	674476	33.97	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.55	163	115798	5.299	ng	100
71) Phenanthrene	11.35	178	92238	2.937	ng	97
75) Fluoranthene	12.53	202	170112	4.887	ng	98
78) Pyrene	12.76	202	163627	5.363	ng	99
81) Benzo(a)anthracene	13.95	228	66481	2.544	ng	97
83) Chrysene	13.99	228	63364	2.307	ng	96
88) Benzo(b)fluoranthene	14.99	252	70252m	2.798	ng	
90) Benzo(a)pyrene	15.35	252	53192	2.322	ng	97

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

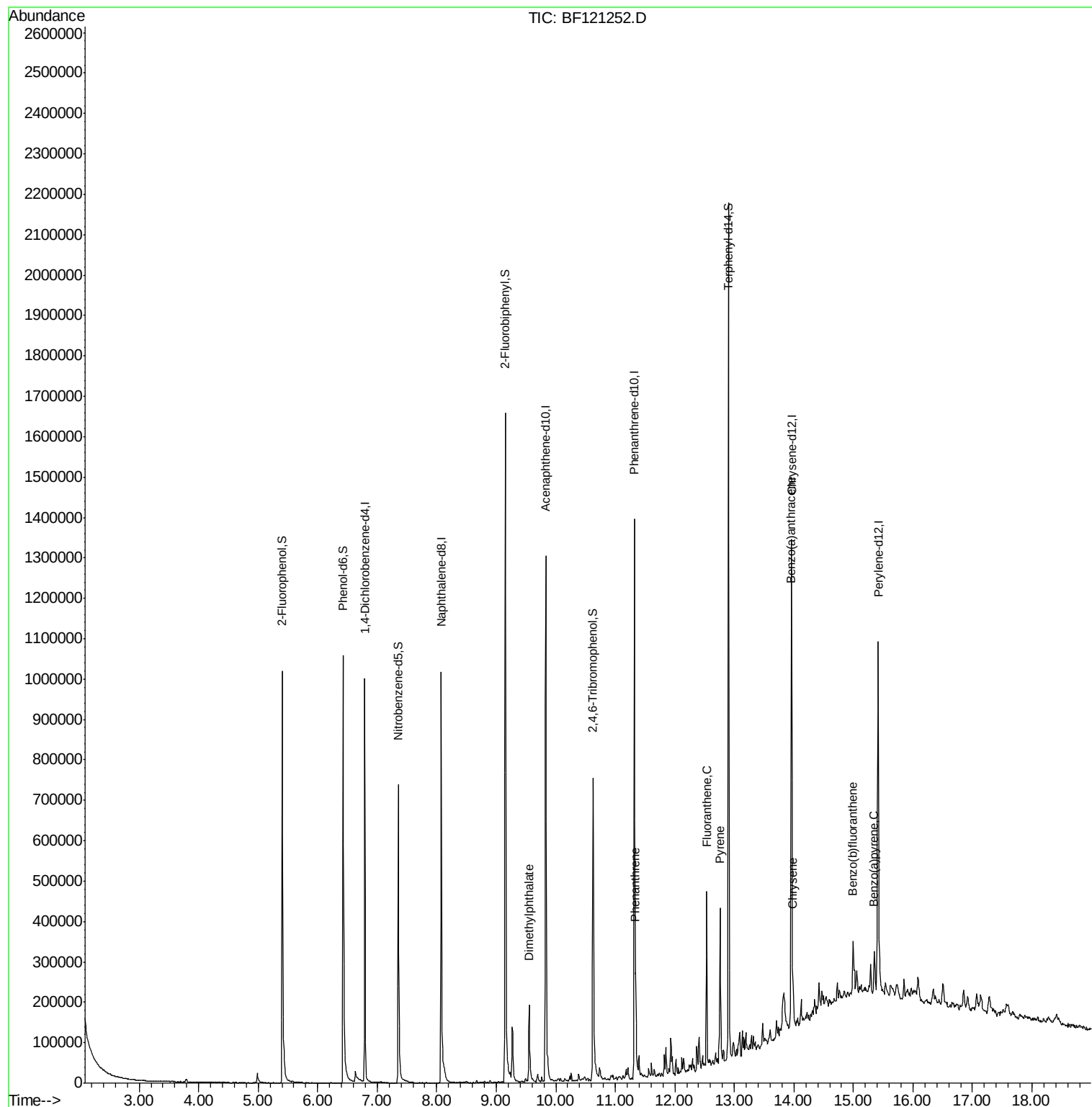
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
Data File : BF121252.D
Acq On : 11 Aug 2020 21:25
Operator : JU/CG
Sample : L3506-01 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

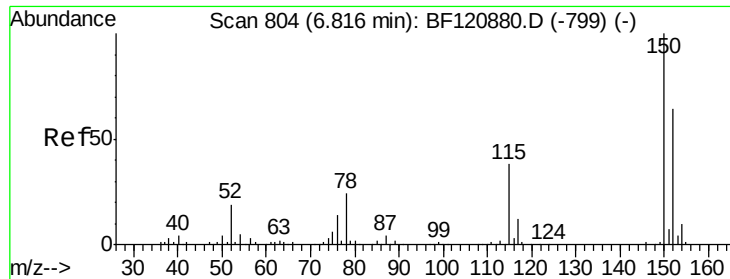
Instrument :
BNA_F
ClientSampleId :
OR-02-080720

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Quant Time: Aug 12 11:02:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

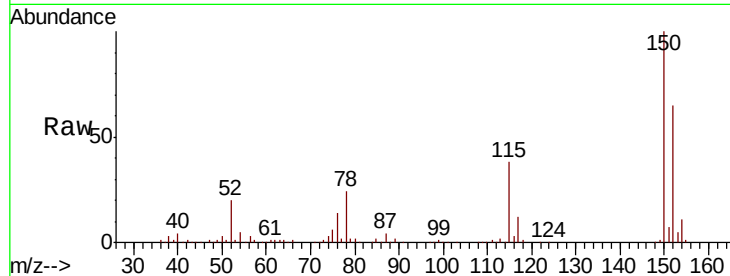
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF121252.D
Acq: 11 Aug 2020 21:25

Instrument :
BNA_F
ClientSampleId :
OR-02-080720

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.6	188.4
115	58.2	46.2	69.2

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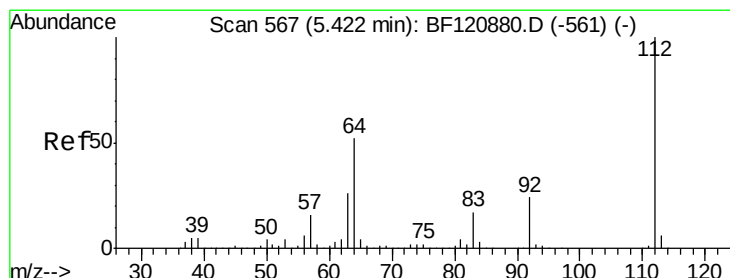
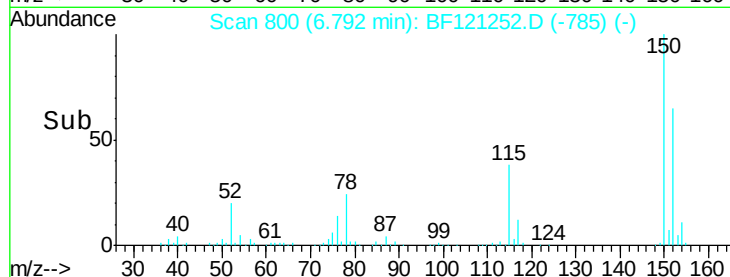
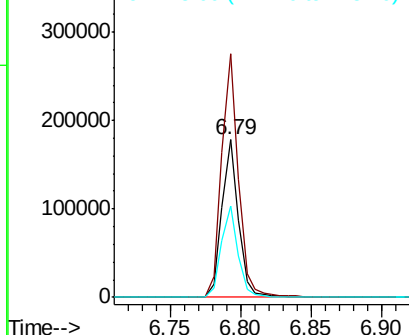


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

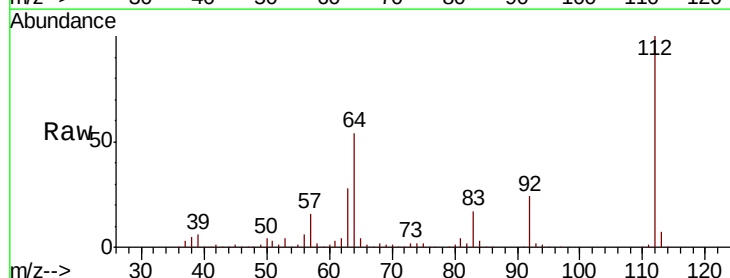
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.505 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF121252.D
Acq: 11 Aug 2020 21:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.0	43.9	65.9
63	27.7	22.7	34.1

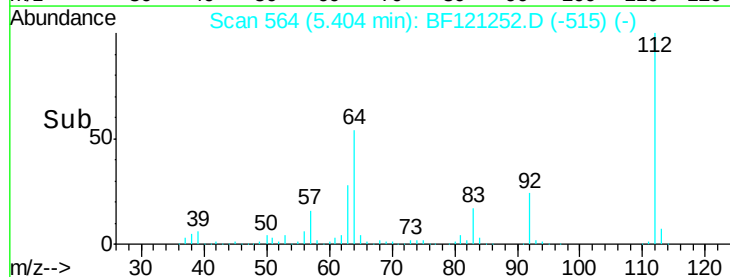
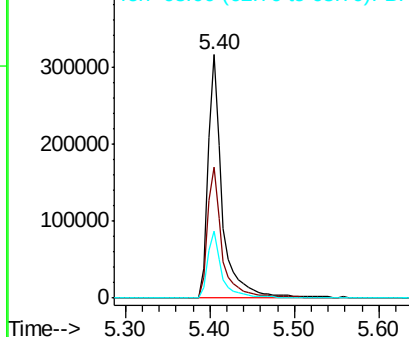


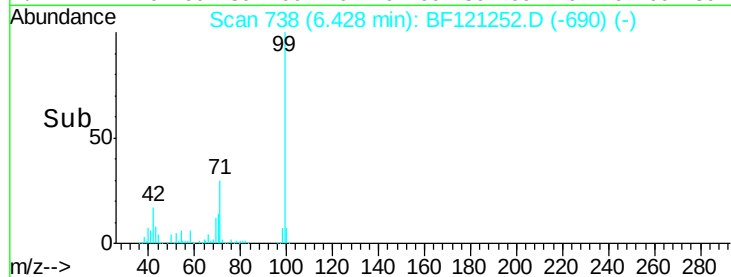
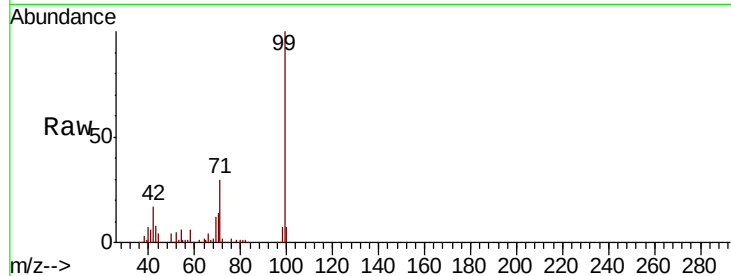
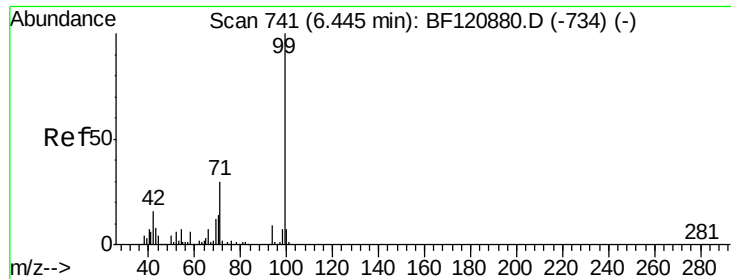
Abundance

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: 40.011 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF121252.D

Acq: 11 Aug 2020 21:25

Tot Ion:	99	Resp:	463393
Ion Ratio	Lower	Upper	
99	100		
42	17.0	13.5	20.3
71	30.3	25.0	37.4

Instrument :

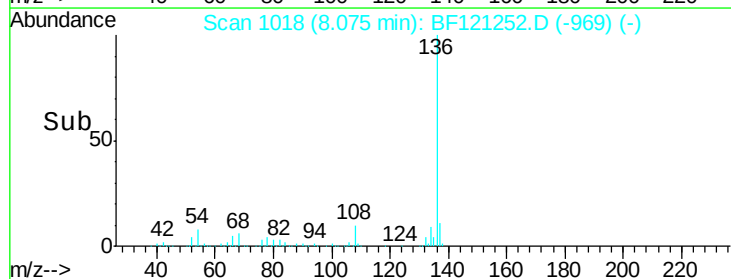
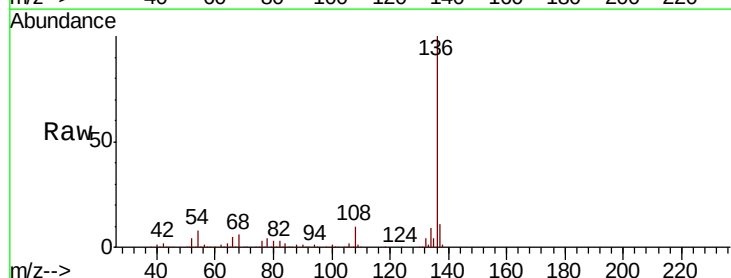
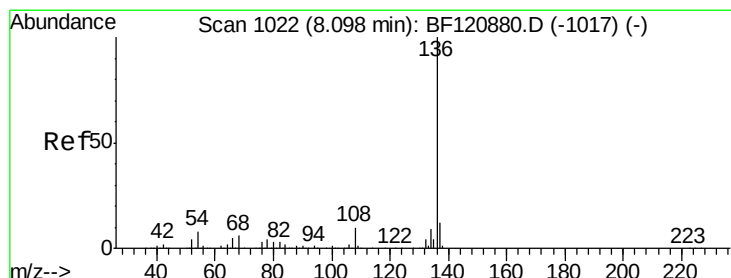
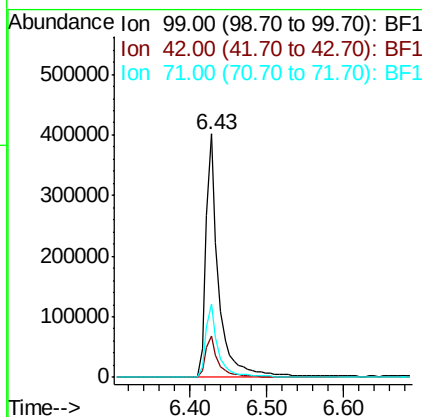
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#21

Naphthalene-d8

Concen: 20.000 ng

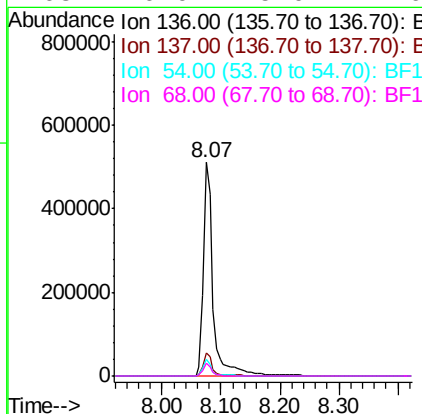
RT: 8.07 min Scan# 1018

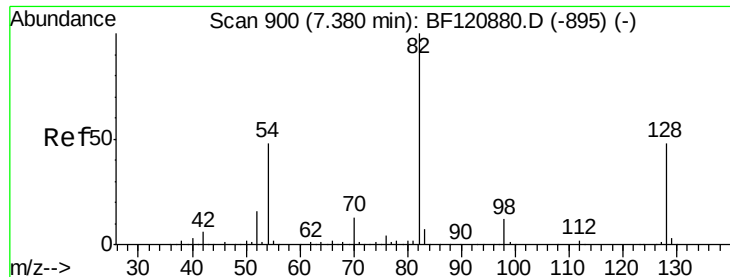
Delta R.T. -0.01 min

Lab File: BF121252.D

Acq: 11 Aug 2020 21:25

Tgt Ion:	136	Resp:	581274
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.4
54	7.8	6.1	9.1
68	6.0	5.0	7.6





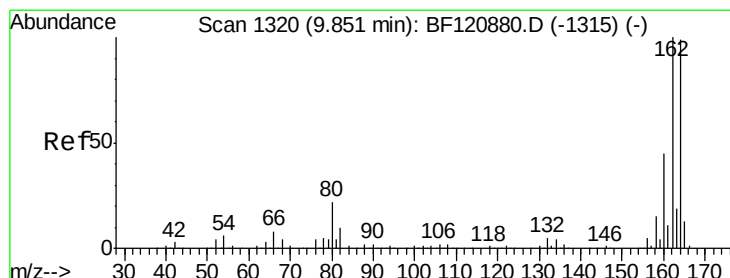
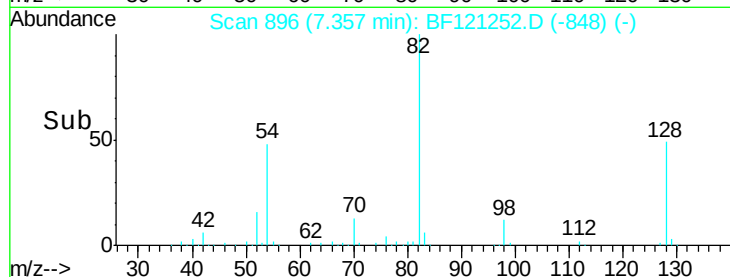
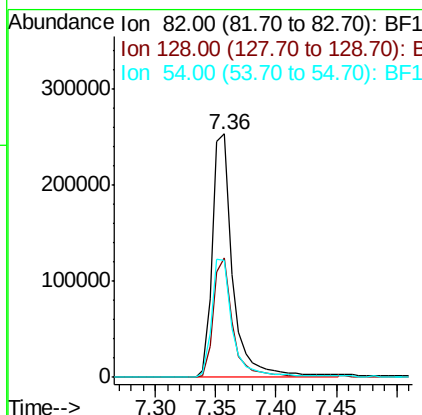
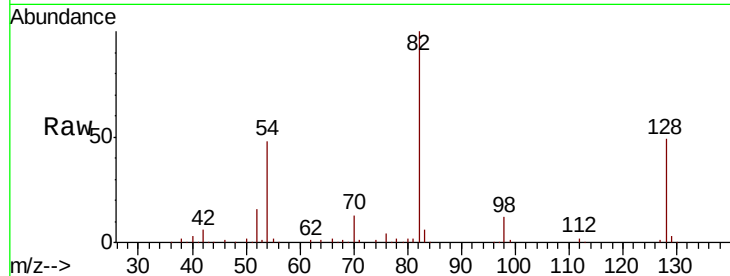
#23
 Nitrobenzene-d5
 Concen: 29.635 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF121252.D
 Acq: 11 Aug 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080720

Tot Ion:	82	Resp:	297702
Ion Ratio	Lower	Upper	
82	100		
128	49.1	39.2	58.8
54	48.2	37.8	56.8

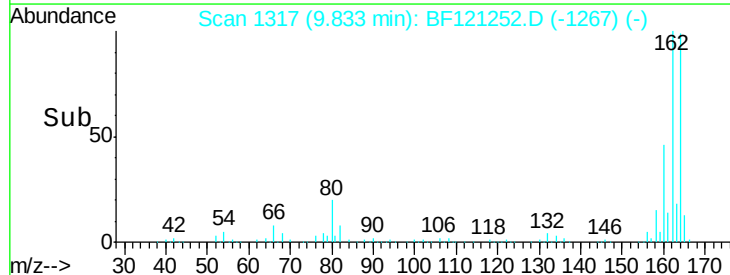
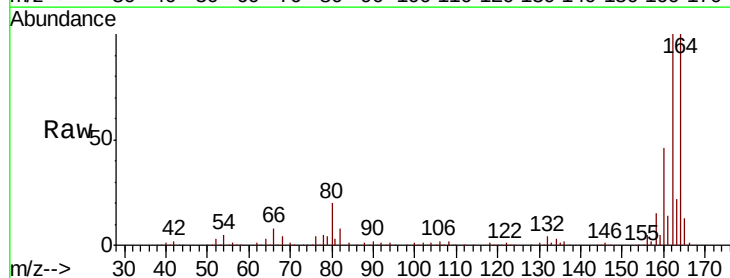
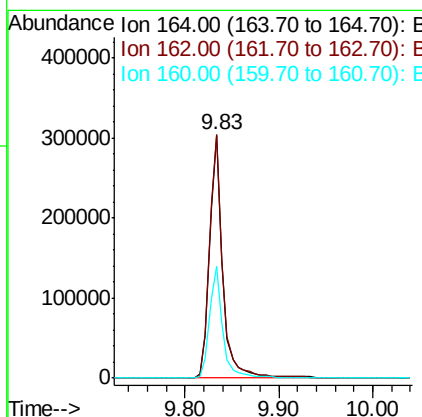
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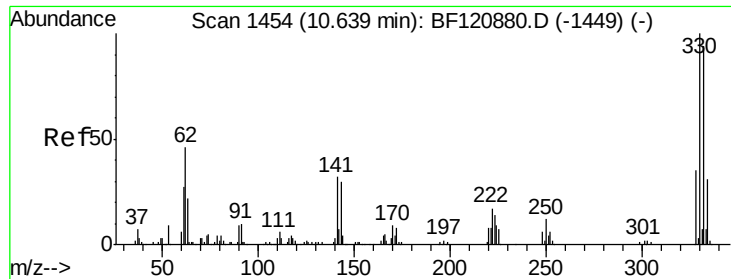
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121252.D
 Acq: 11 Aug 2020 21:25

Tgt Ion:	164	Resp:	302884
Ion Ratio	Lower	Upper	
164	100		
162	100.2	82.2	123.2
160	45.8	37.2	55.8





#42

2,4,6-Tribromophenol

Concen: 42.438 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121252.D

Acq: 11 Aug 2020 21:25

Instrument :

BNA_F

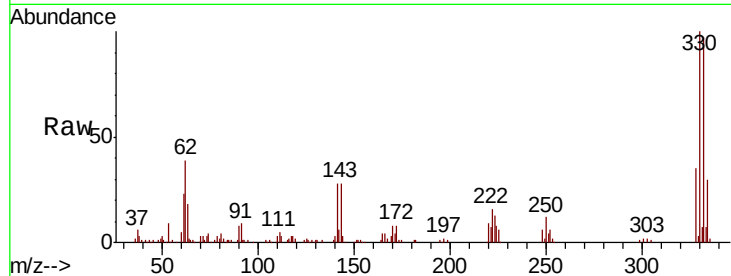
ClientSampleId :

OR-02-080720

Tot Ion:	330	Resp:	140697
Ion Ratio	Lower	Upper	
330	100		
332	97.3	76.1	114.1
141	31.1	24.1	36.1

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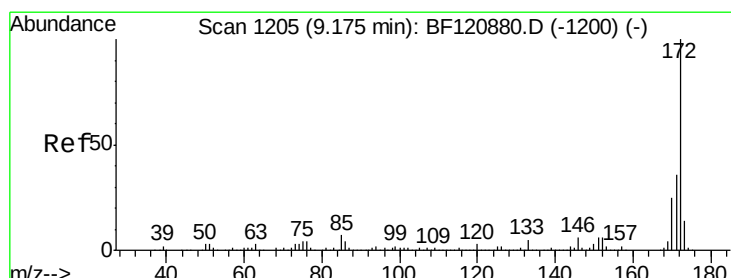
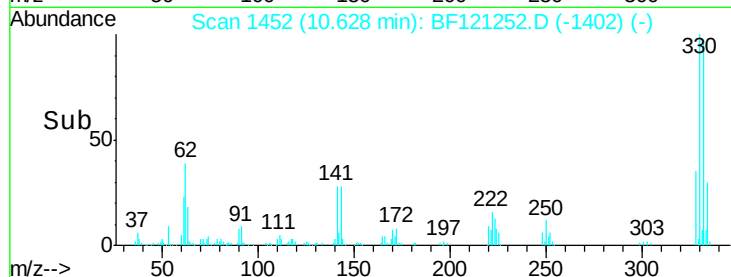
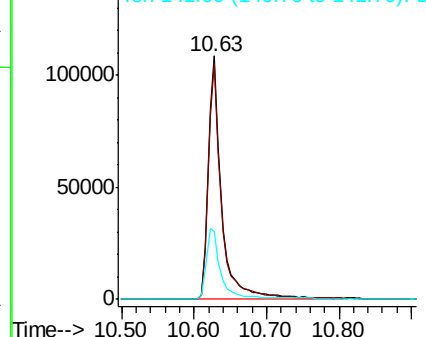


Abundance

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: 31.261 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF121252.D

Acq: 11 Aug 2020 21:25

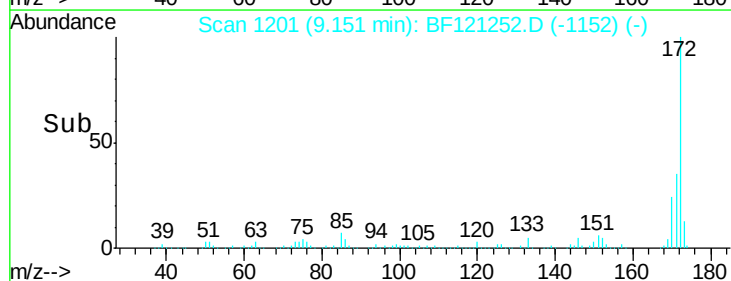
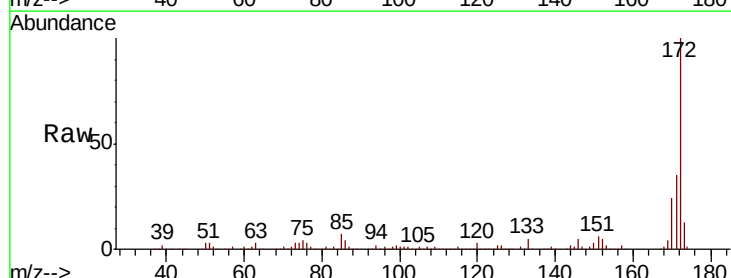
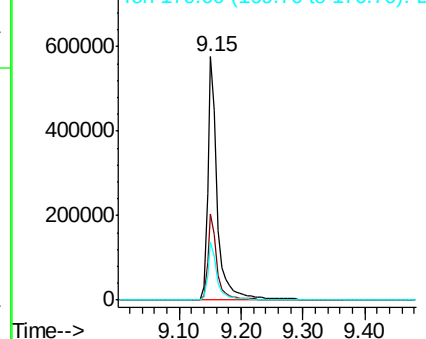
Tgt Ion:	172	Resp:	634167
Ion Ratio	Lower	Upper	
172	100		
171	35.4	29.0	43.4
170	24.0	19.6	29.4

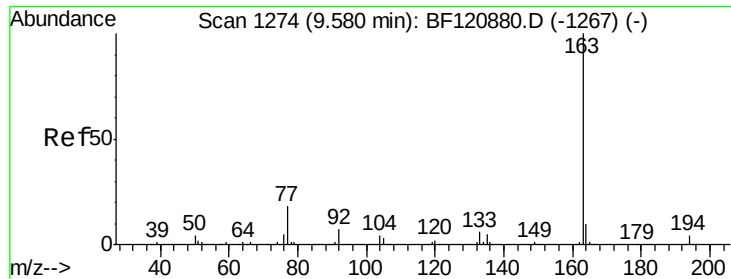
Abundance

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





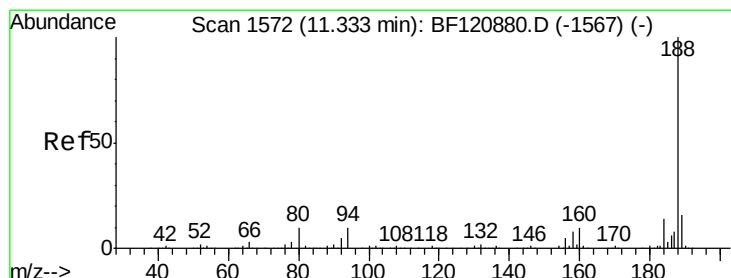
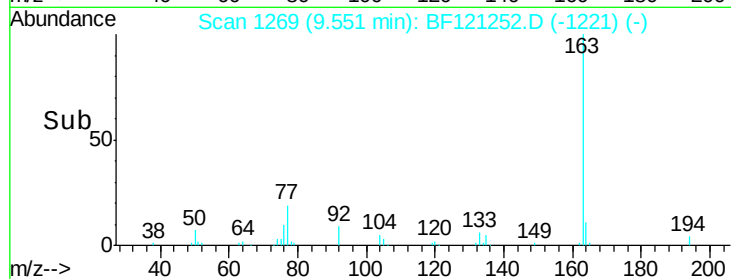
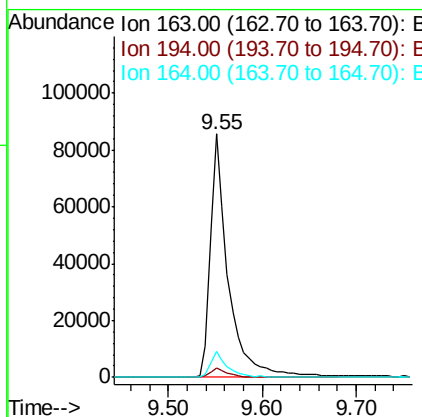
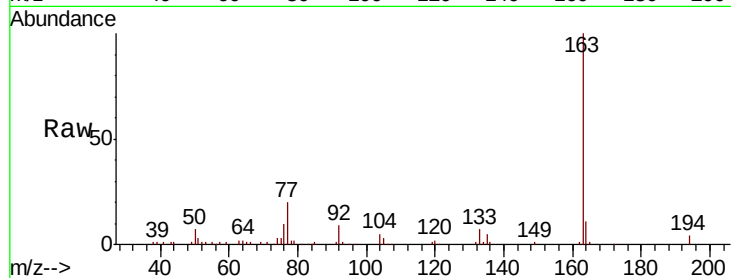
#50
Dimethylphthalate
Concen: 5.299 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF121252.D
Acq: 11 Aug 2020 21:25

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	115798		
194	3.7		3.0	4.4
164	10.7		8.4	12.6

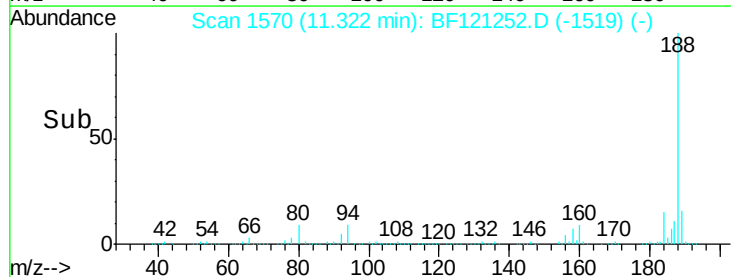
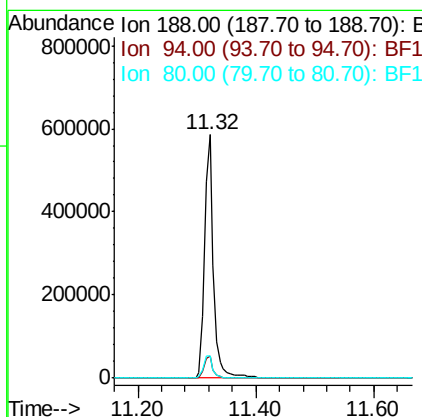
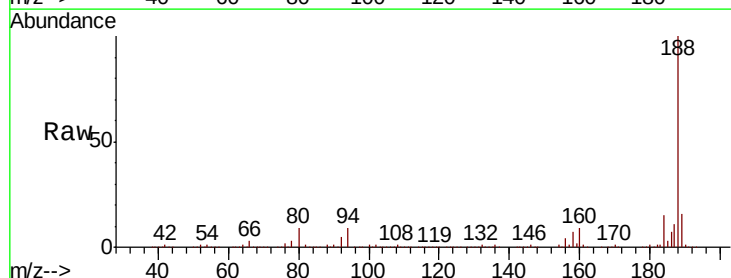
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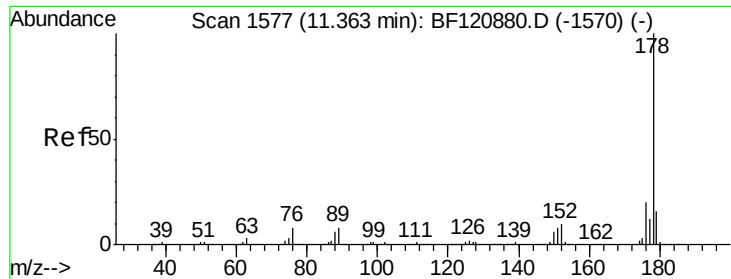
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121252.D
Acq: 11 Aug 2020 21:25

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	610611		
94	8.9		8.0	12.0
80	9.0		8.3	12.5





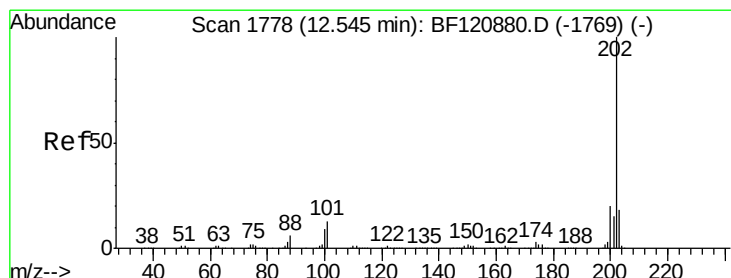
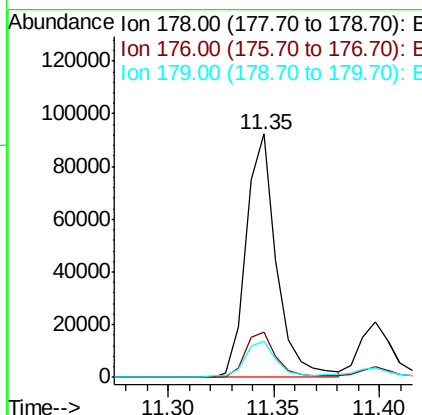
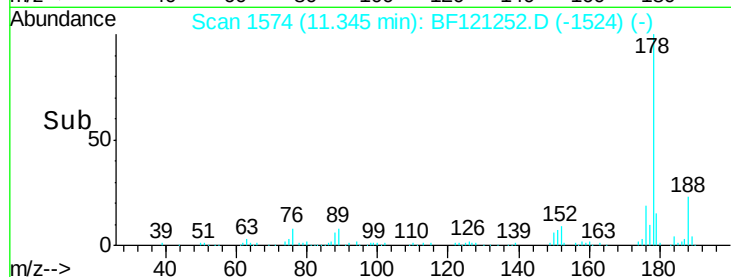
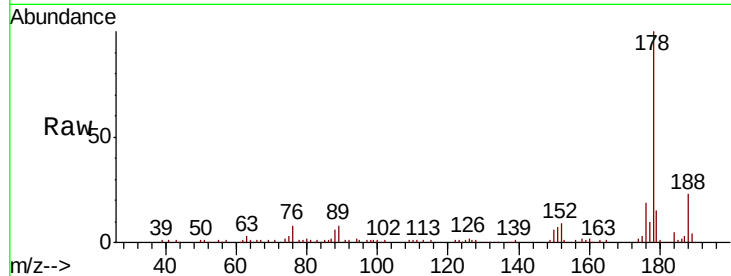
#71
Phenanthrene
Concen: 2.937 ng
RT: 11.35 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121252.D
Acq: 11 Aug 2020 21:25

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:	178	Resp:	92238
Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.2	24.2
179	15.0	12.6	19.0

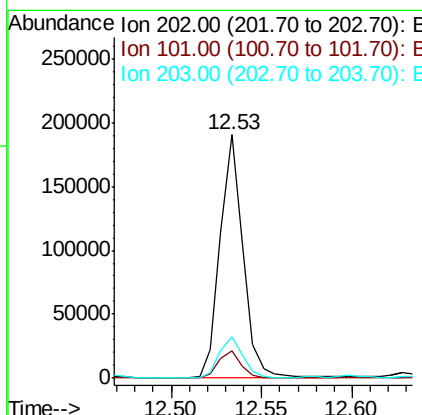
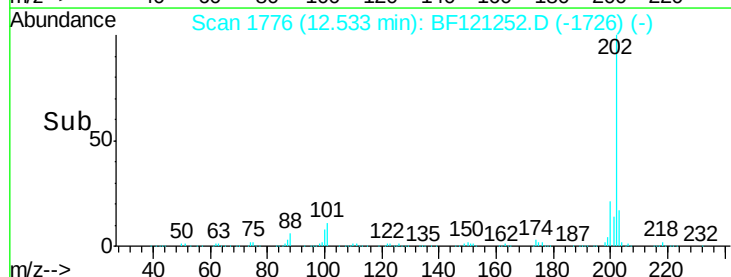
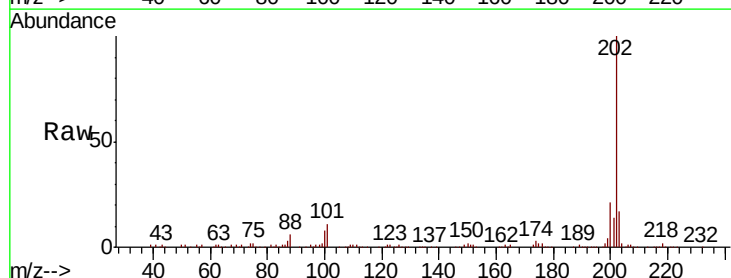
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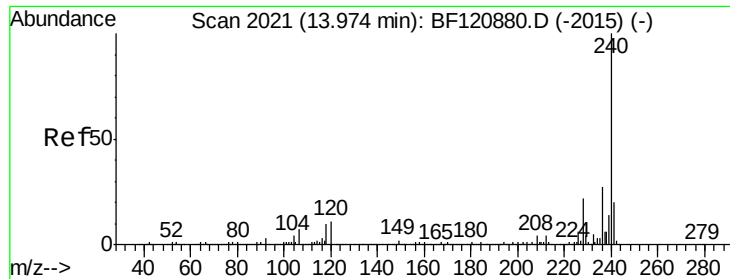
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#75
Fluoranthene
Concen: 4.887 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF121252.D
Acq: 11 Aug 2020 21:25

Tgt Ion:	202	Resp:	170112
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.5
203	17.2	0.0	37.7





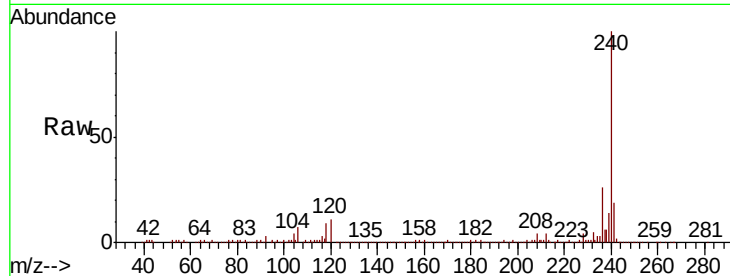
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BF121252.D
Acq: 11 Aug 2020 21:25

Instrument :
BNA_F
ClientSampleId :
OR-02-080720

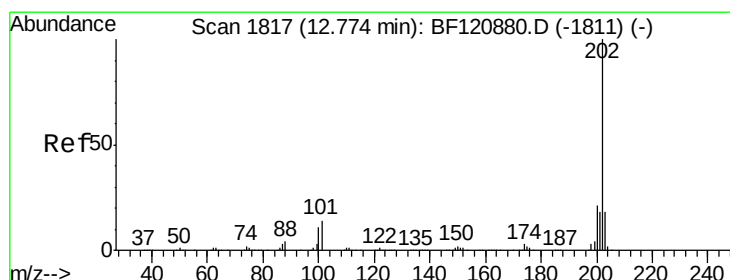
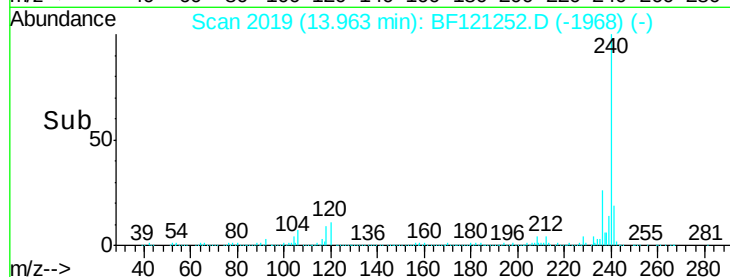
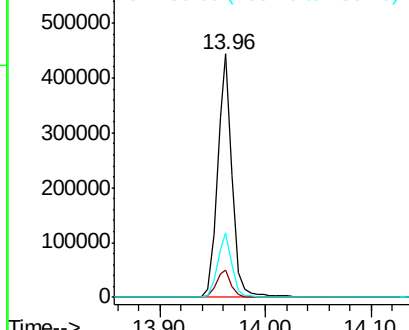
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.3	13.9
236	26.4	21.1	31.7

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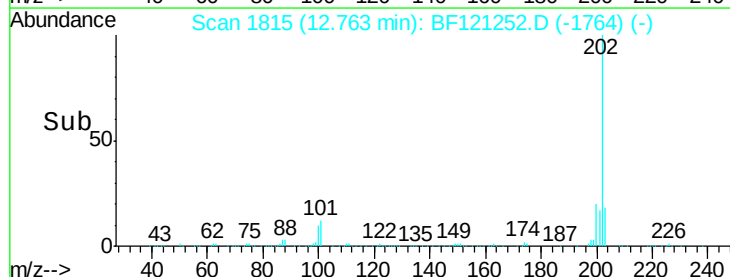
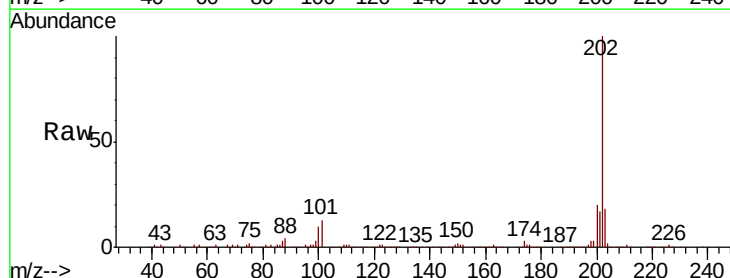
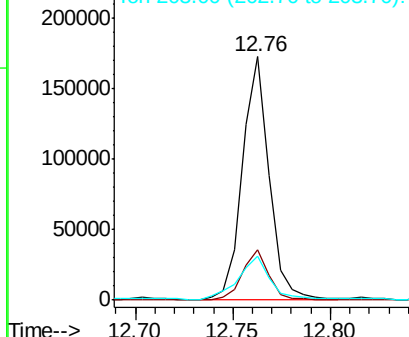
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

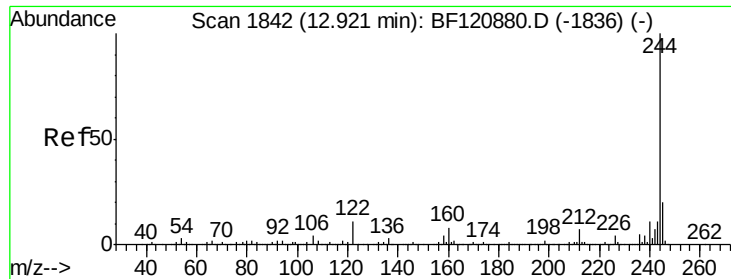


#78
Pyrene
Concen: 5.363 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.00 min
Lab File: BF121252.D
Acq: 11 Aug 2020 21:25

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.6
203	18.3	14.6	21.8

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





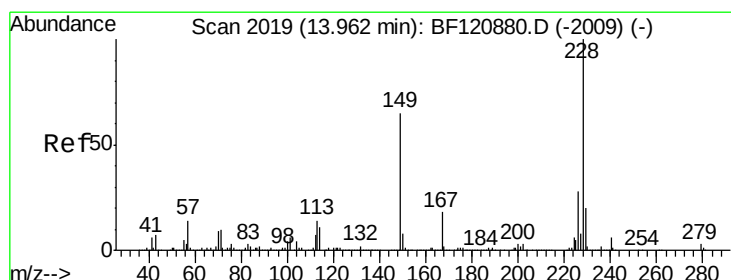
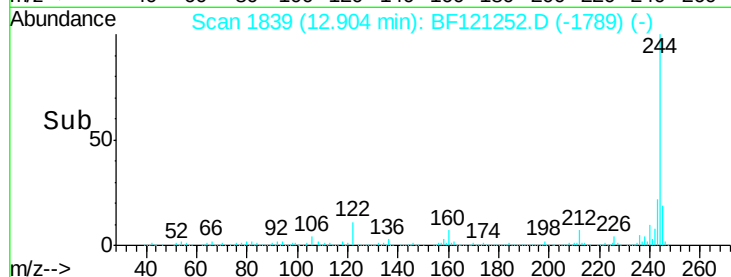
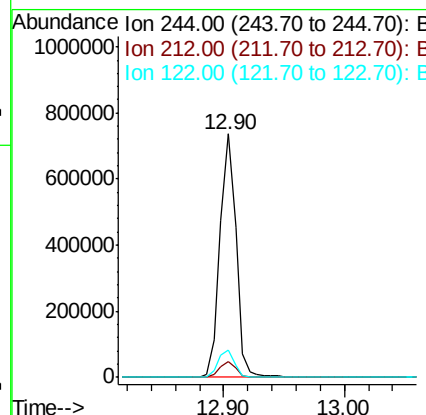
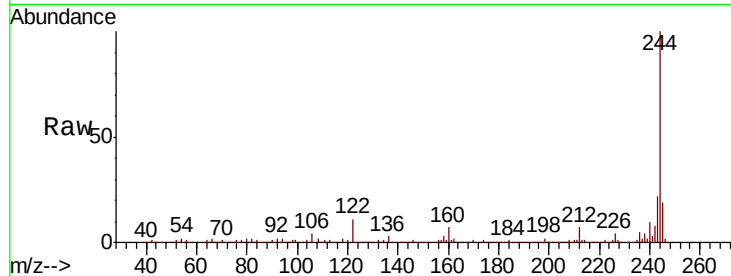
#79
 Terphenyl-d14
 Concen: 33.974 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF121252.D
 Acq: 11 Aug 2020 21:25

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-080720

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	11.5	8.3	12.5

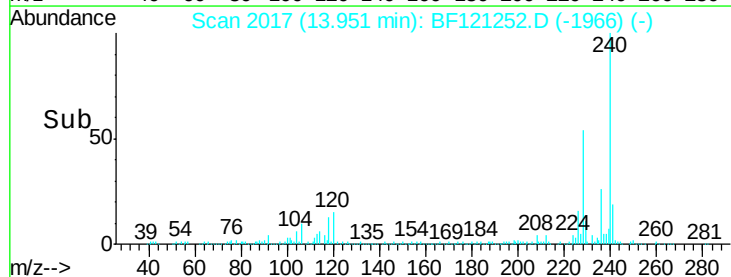
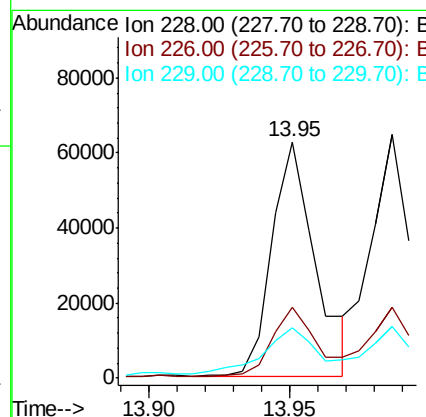
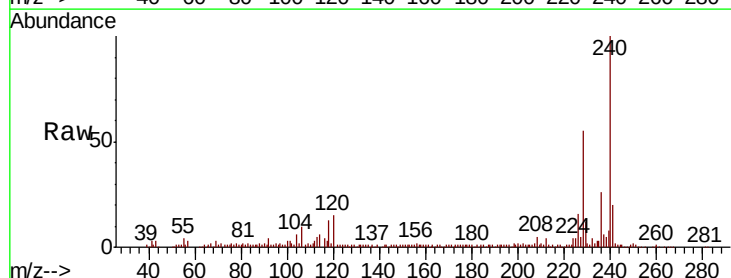
Manual Integrations
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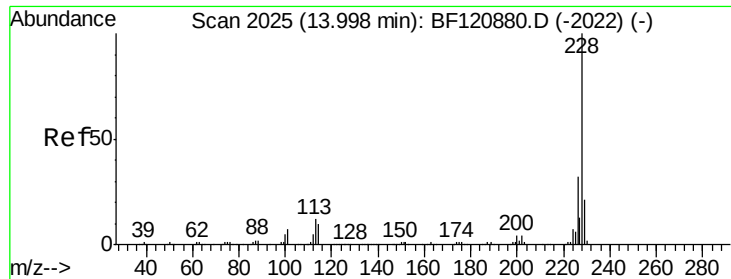
mohammad
 8/12/2020 1:47:44 PM



#81
 Benzo(a)anthracene
 Concen: 2.544 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BF121252.D
 Acq: 11 Aug 2020 21:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.6	34.0
229	21.5	16.1	24.1





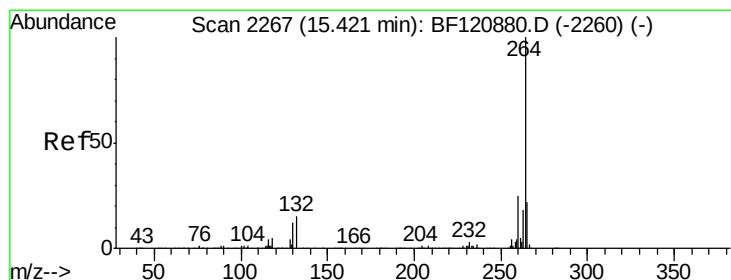
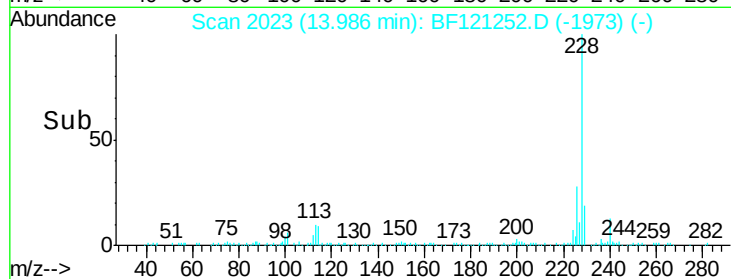
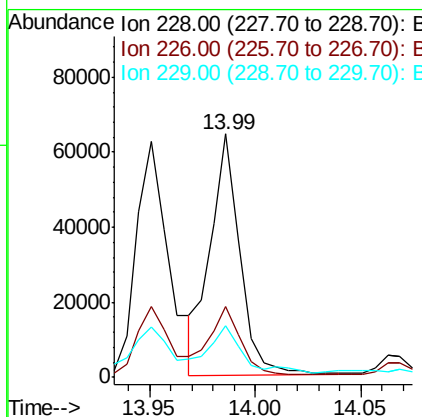
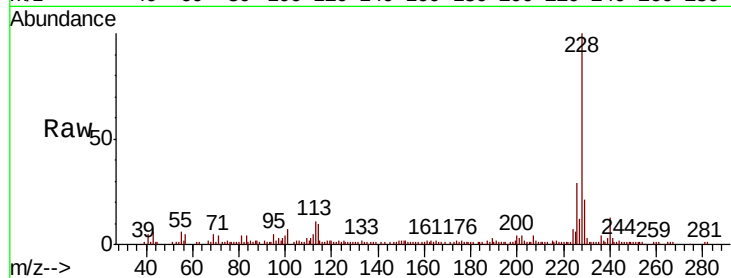
#83
Chrysene
Concen: 2.307 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121252.D
Acq: 11 Aug 2020 21:25

Instrument :
BNA_F
ClientSampleId :
OR-02-080720

Tot Ion:	228	Resp:	63364
Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.4	38.0
229	21.2	16.2	24.4

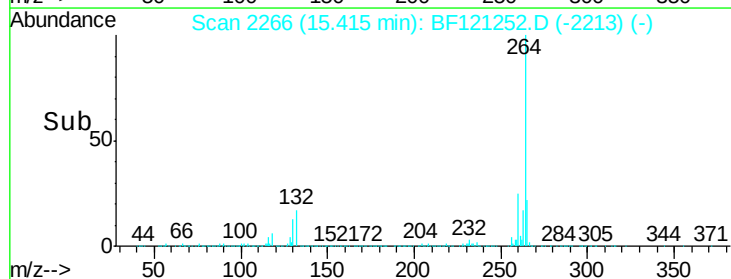
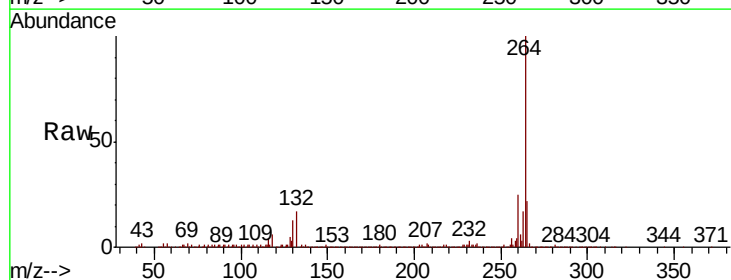
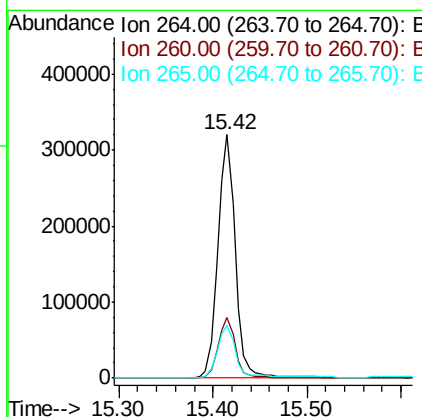
Manual Integrations
APPROVED

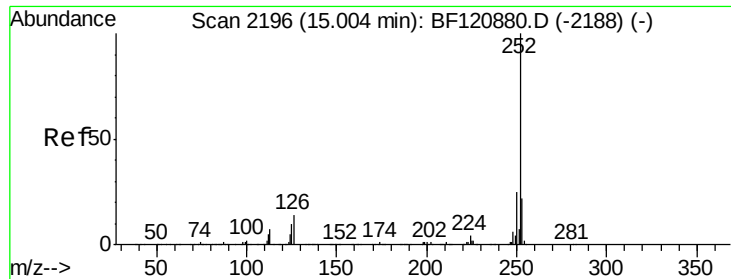
mohammad
8/12/2020 1:47:44 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. 0.01 min
Lab File: BF121252.D
Acq: 11 Aug 2020 21:25

Tgt Ion:	264	Resp:	415423
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.9	29.9
265	21.8	17.8	26.8





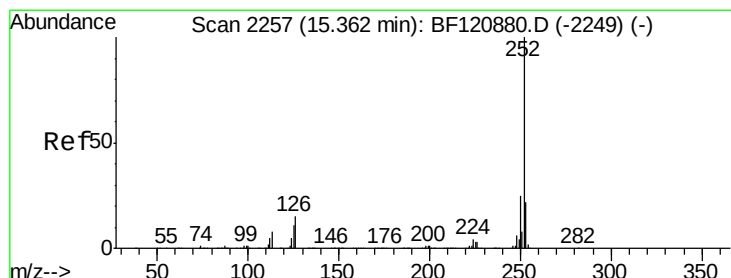
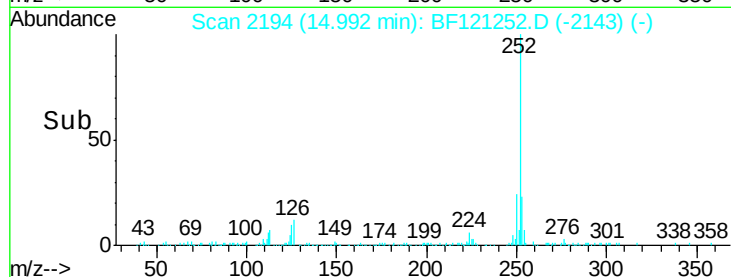
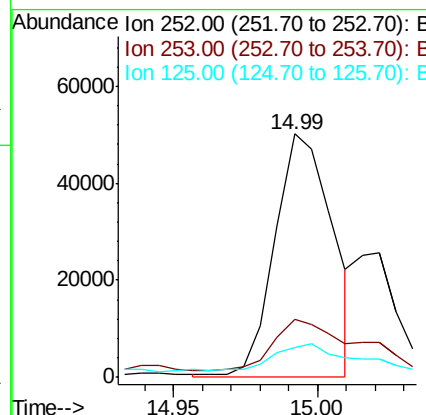
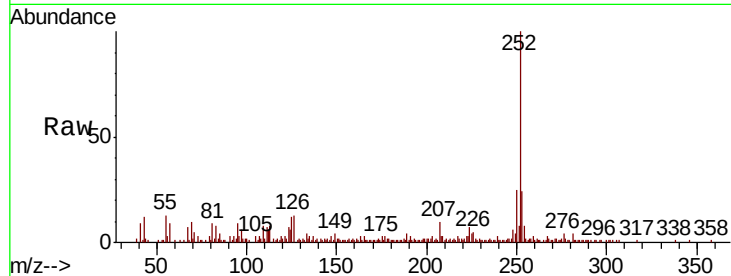
#88
Benzo(b)fluoranthene
Concen: 2.798 ng/mL
RT: 14.99 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BF121252.D
Acq: 11 Aug 2020 21:25

Instrument :
BNA_F
ClientSampleId :
OR-02-080720

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	12.4	8.1	12.1

Manual Integrations
APPROVED

mohammad
8/12/2020 1:47:44 PM



#90
Benzo(a)pyrene
Concen: 2.322 ng/mL
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF121252.D
Acq: 11 Aug 2020 21:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	14.0	9.5	14.3

