

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
 Data File : BF121463.D
 Acq On : 28 Aug 2020 16:56
 Operator : JU/CG
 Sample : L3837-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP11-0612-01

Manual Integrations
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mohammad
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Quant Time: Aug 28 17:55:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	310051	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1206583	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	626804	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1165226	20.00	ng	0.00
76) Chrysene-d12	14.02	240	830627	20.00	ng	0.00
86) Perylene-d12	15.49	264	738292	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1492759	80.78	ng	0.00
7) Phenol-d6	6.48	99	1937780	75.03	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1228702	69.62	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	549752	86.83	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2225830	57.30	ng	0.00
79) Terphenyl-d14	12.97	244	2235269	56.65	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.61	163	241715	5.614	ng	98
71) Phenanthrene	11.40	178	322961	5.401	ng	96
75) Fluoranthene	12.59	202	432984	6.719	ng	96
78) Pyrene	12.82	202	343337	5.788	ng	96
81) Benzo(a)anthracene	14.01	228	173688	3.425	ng	98
83) Chrysene	14.05	228	166202	3.276	ng	94
88) Benzo(b)fluoranthene	15.06	252	197280m	4.108	ng	
90) Benzo(a)pyrene	15.42	252	131246	3.039	ng	100
92) Benzo(g,h,i)perylene	17.37	276	84037	2.346	ng	97

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

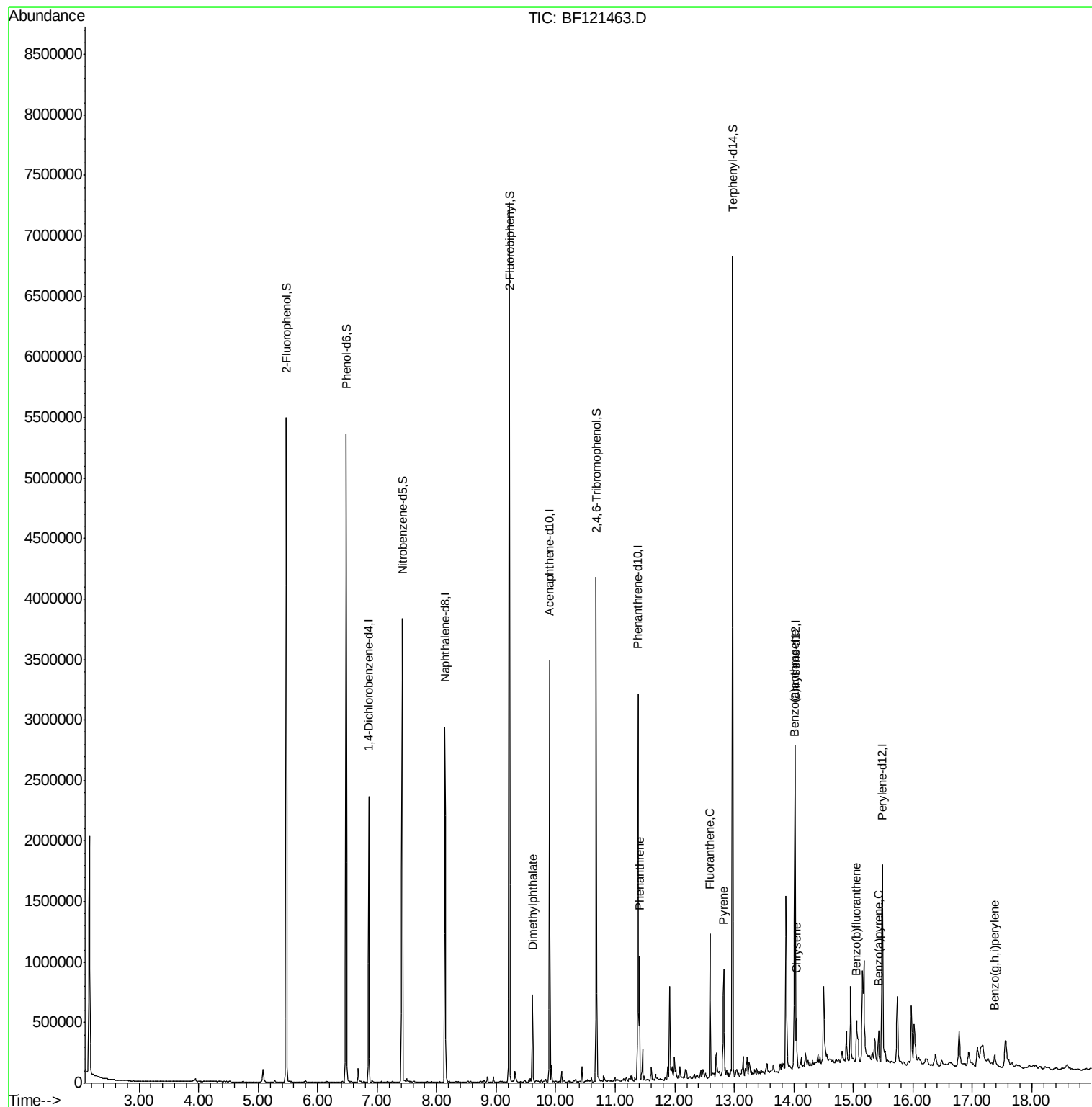
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121463.D
Acq On : 28 Aug 2020 16:56
Operator : JU/CG
Sample : L3837-17
Misc :
ALS Vial : 13 Sample Multiplier: 1

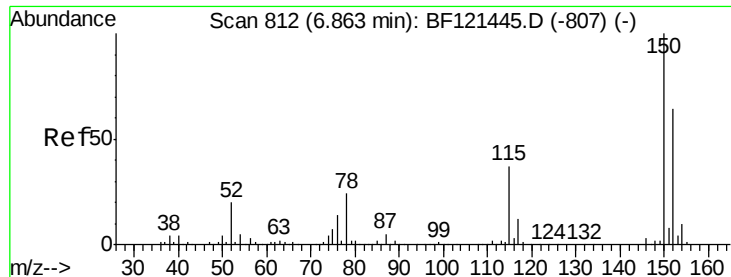
Instrument :
BNA_F
ClientSampleId :
789UMR-TP11-0612-01

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Quant Time: Aug 28 17:55:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

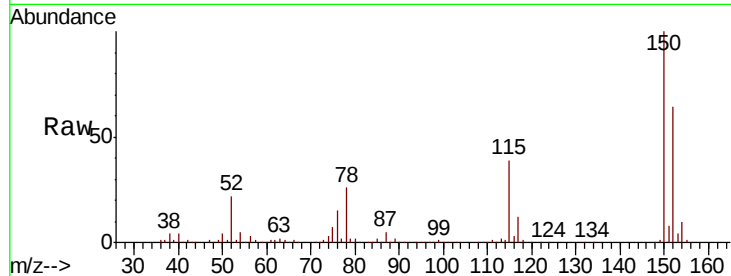
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF121463.D
 Acq: 28 Aug 2020 16:56

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP11-0612-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.8	188.6
115	61.3	46.6	69.8

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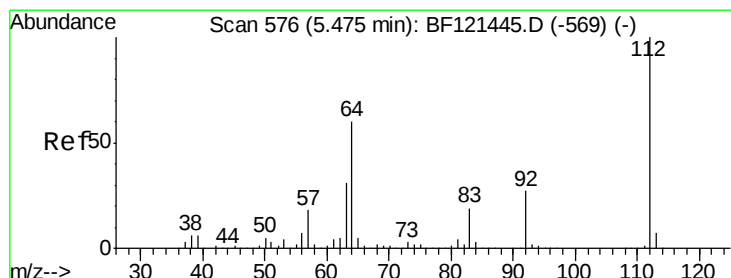
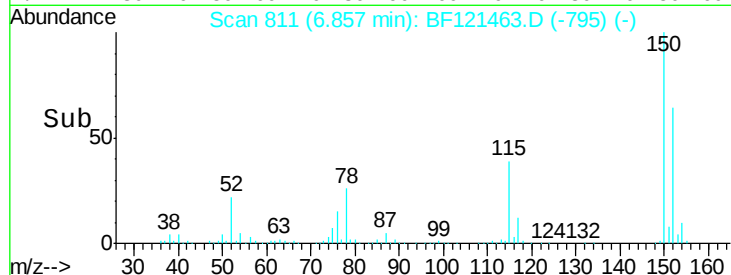
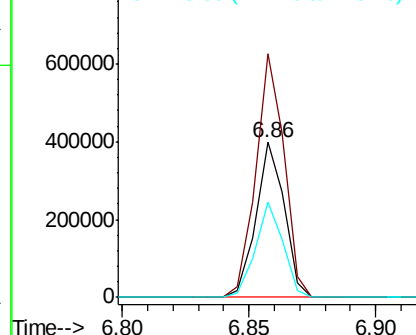


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

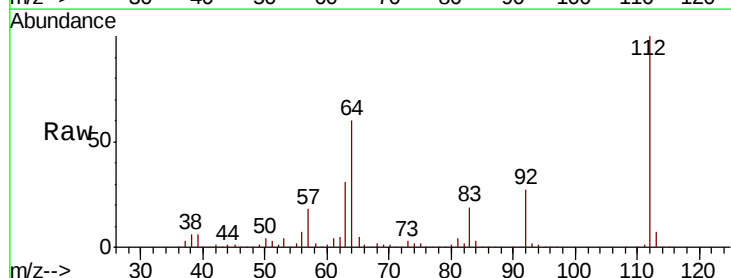
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 80.776 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.00 min
 Lab File: BF121463.D
 Acq: 28 Aug 2020 16:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	48.2	72.2
63	30.7	24.8	37.2

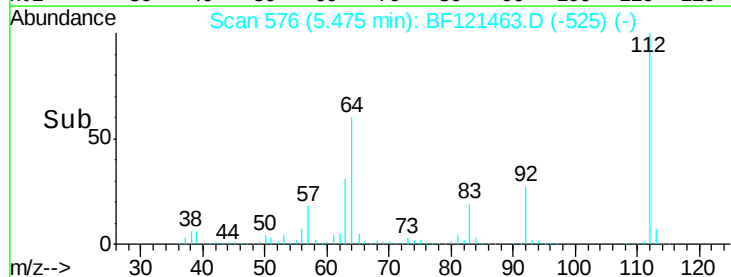
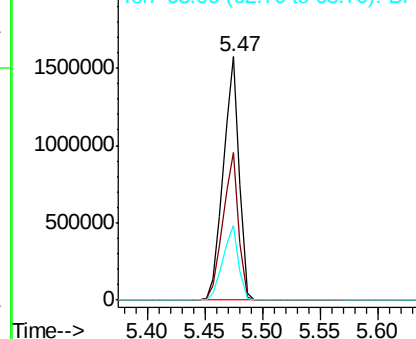


Abundance

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: 75.033 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121463.D

Acq: 28 Aug 2020 16:56

Instrument :

BNA_F

ClientSampleId :

789UMR-TP11-0612-01

Tot Ion: 99 Resp: 1937780

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

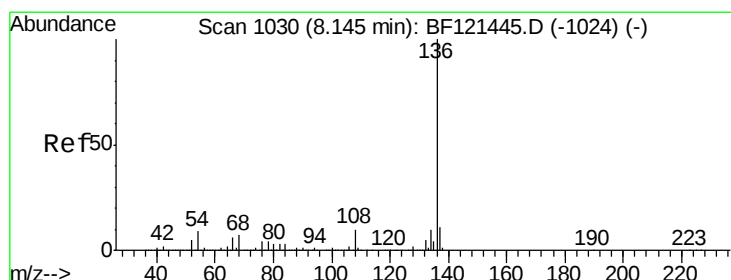
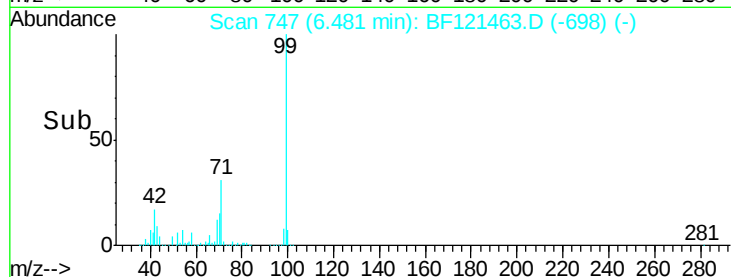
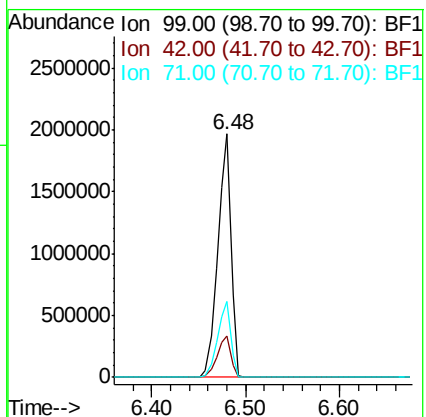
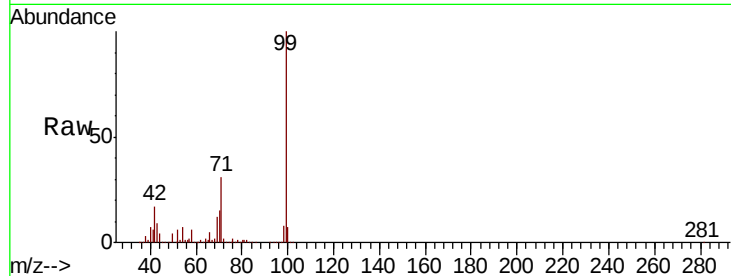
71 31.3 24.6 37.0

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF121463.D

Acq: 28 Aug 2020 16:56

Tgt Ion: 136 Resp: 1206583

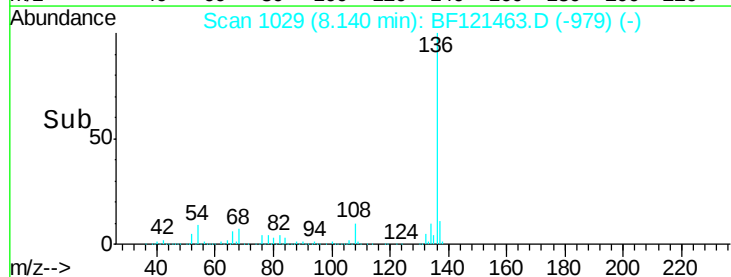
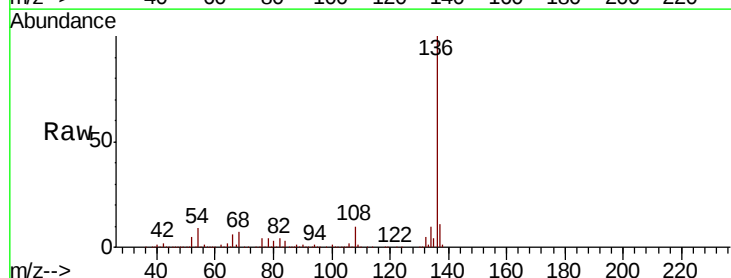
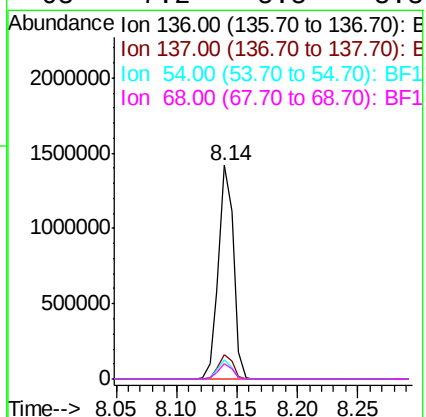
Ion Ratio Lower Upper

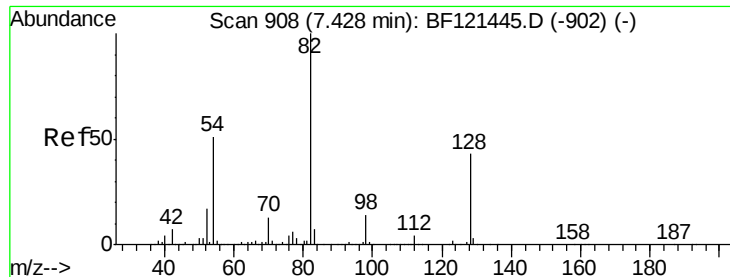
136 100

137 11.4 9.1 13.7

54 8.9 7.0 10.4

68 7.2 5.5 8.3





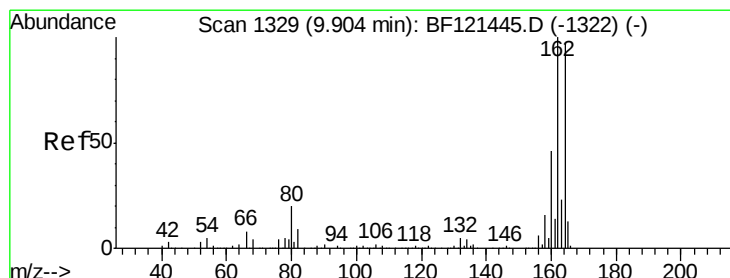
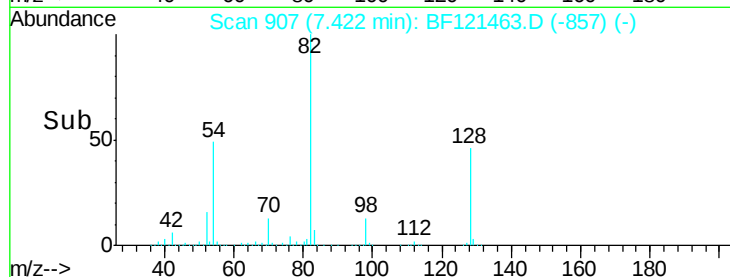
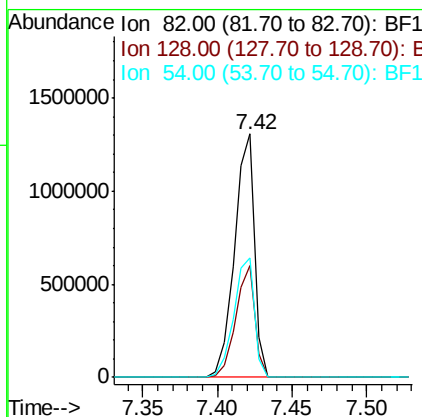
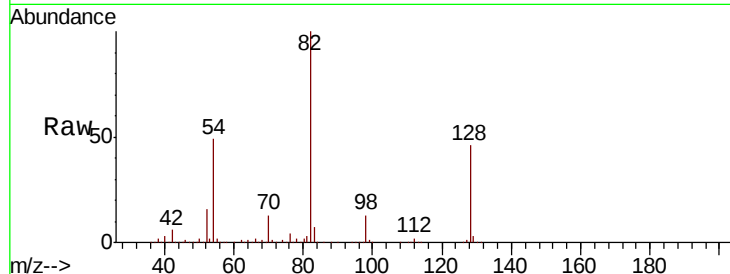
#23
Nitrobenzene-d5
Concen: 69.619 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF121463.D
Acq: 28 Aug 2020 16:56

Instrument :
BNA_F
ClientSampleId :
789UMR-TP11-0612-01

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.1	51.1
54	49.0	41.0	61.6

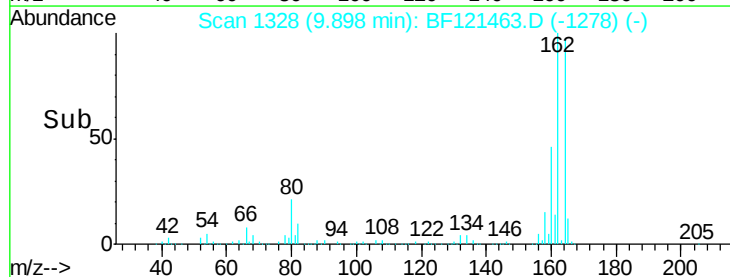
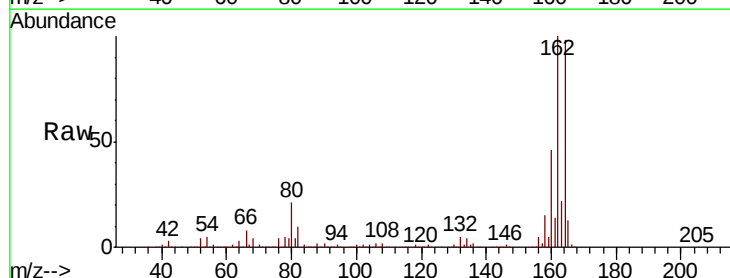
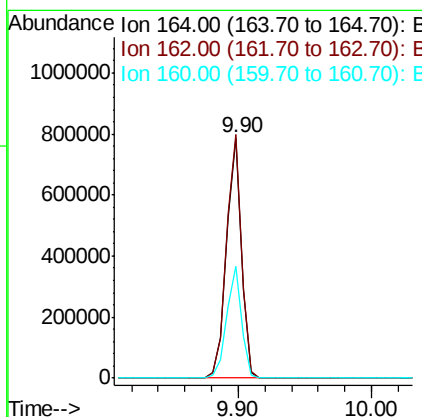
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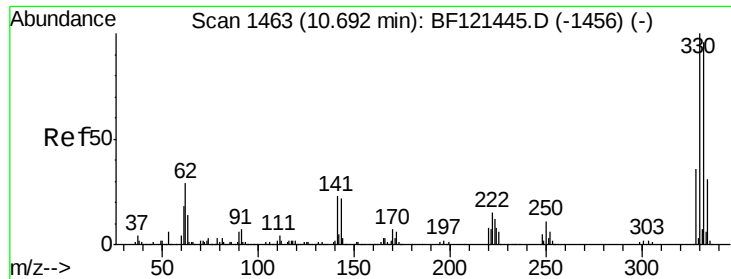
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF121463.D
Acq: 28 Aug 2020 16:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.4	123.6
160	46.7	37.6	56.4





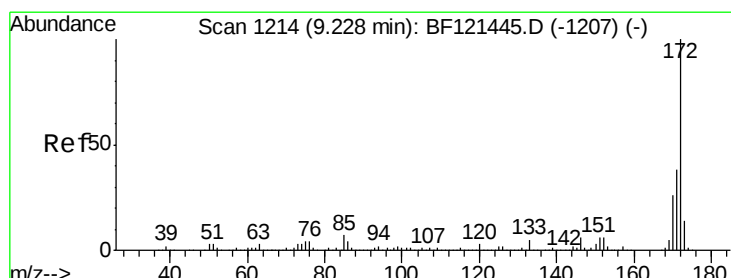
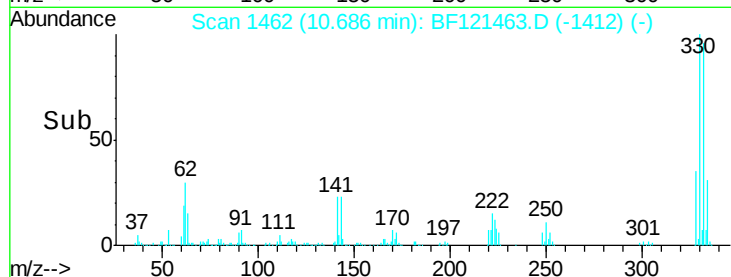
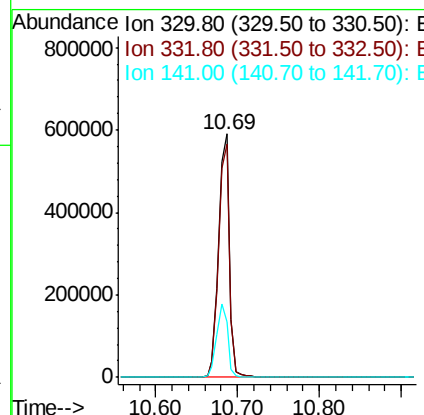
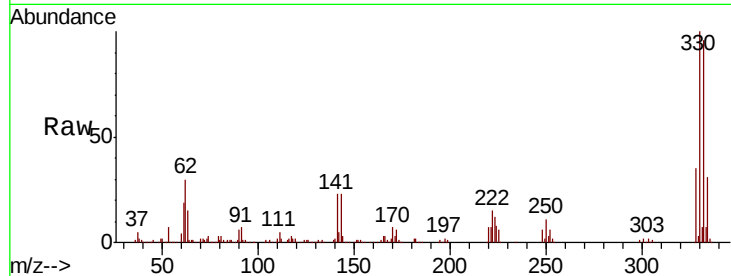
#42
 2,4,6-Tribromophenol
 Concen: 86.834 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF121463.D
 Acq: 28 Aug 2020 16:56

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP11-0612-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.2	114.2
141	30.6	24.6	36.8

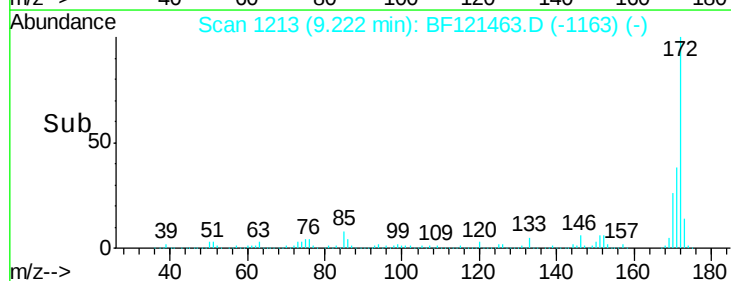
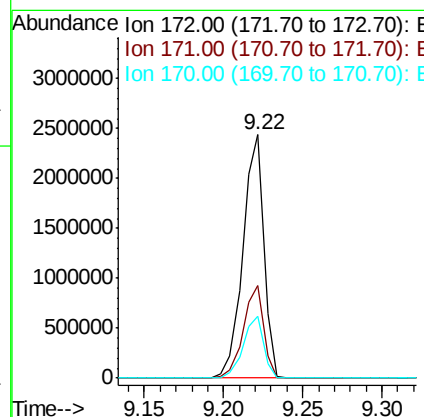
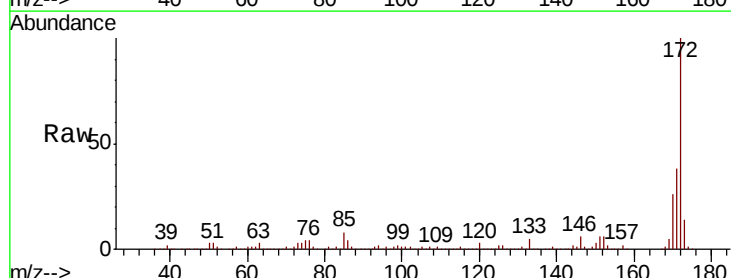
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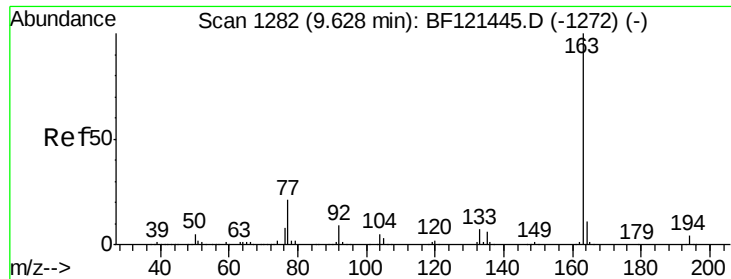
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#45
 2-Fluorobiphenyl
 Concen: 57.298 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF121463.D
 Acq: 28 Aug 2020 16:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.6	45.8
170	25.7	20.6	31.0





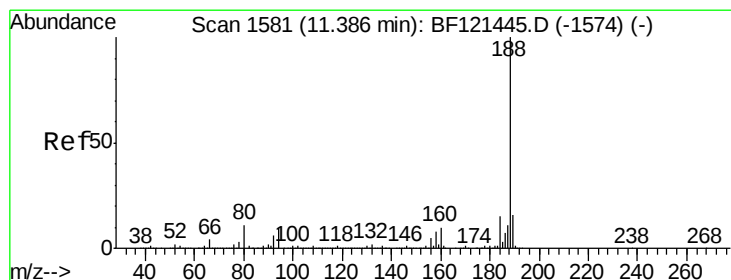
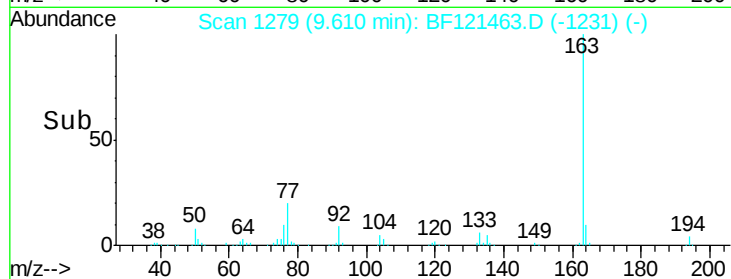
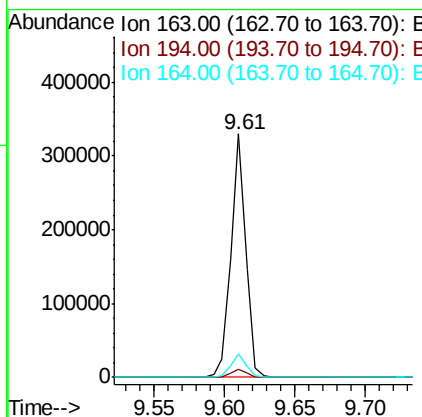
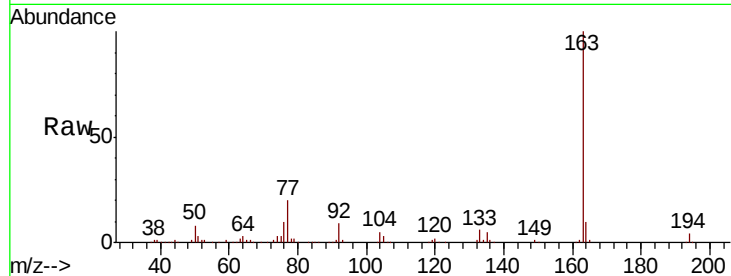
#50
Dimethylphthalate
Concen: 5.614 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF121463.D
Acq: 28 Aug 2020 16:56

Instrument :
BNA_F
ClientSampleId :
789UMR-TP11-0612-01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		241715		
194	3.6		3.3	4.9	
164	9.9		8.6	12.8	

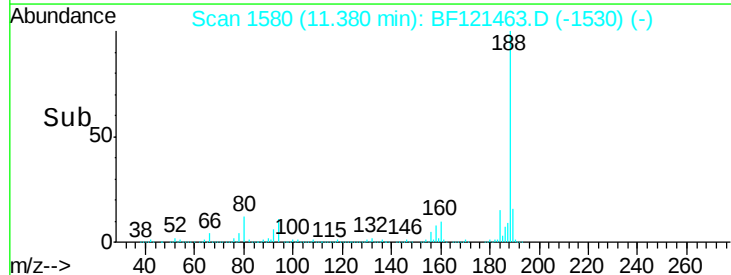
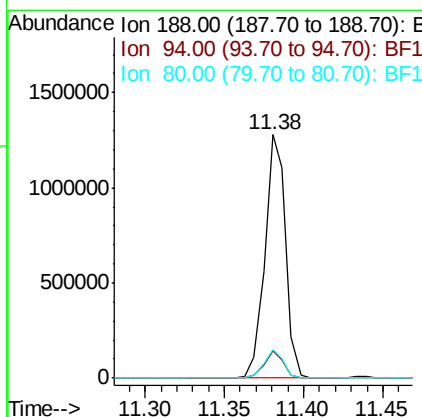
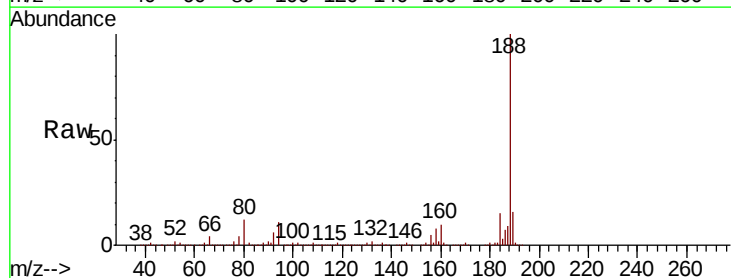
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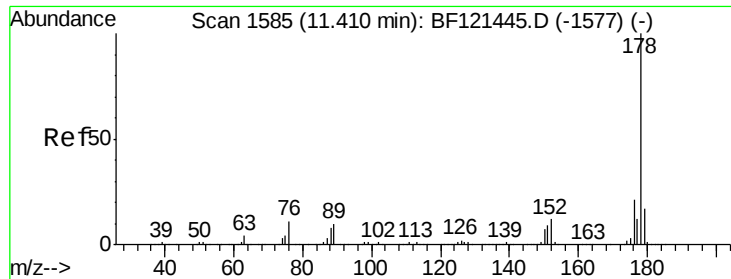
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF121463.D
Acq: 28 Aug 2020 16:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		1165226		
94	11.3		8.3	12.5	
80	11.6		8.6	13.0	





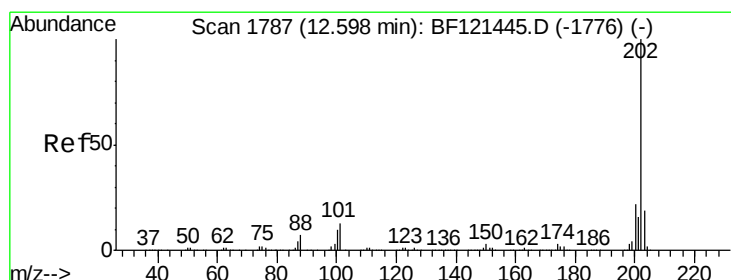
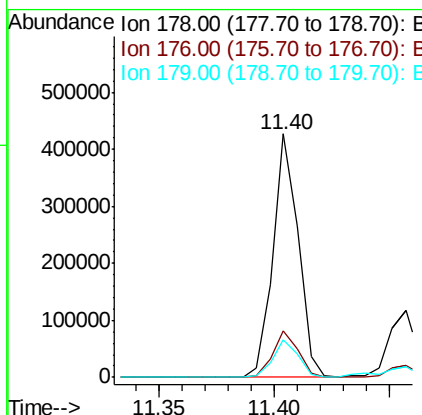
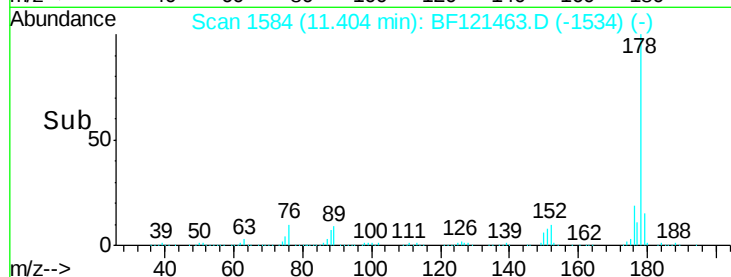
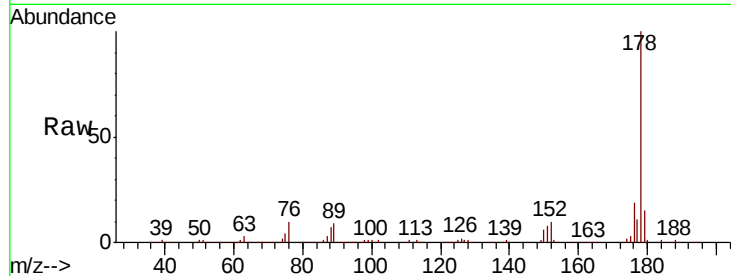
#71
Phenanthrene
Concen: 5.401 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF121463.D
Acq: 28 Aug 2020 16:56

Instrument :
BNA_F
ClientSampleId :
789UMR-TP11-0612-01

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.9	25.3
179	15.2	13.4	20.0

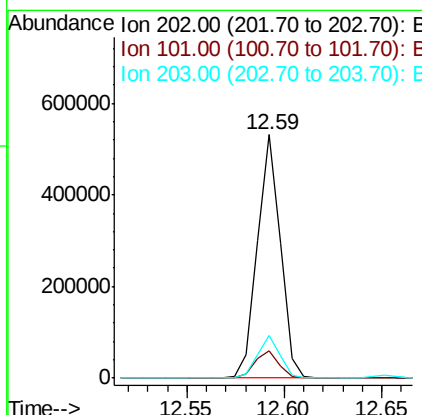
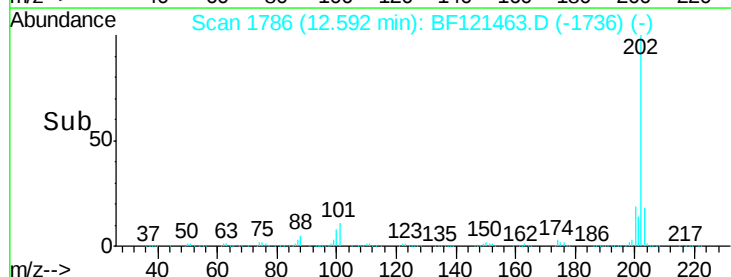
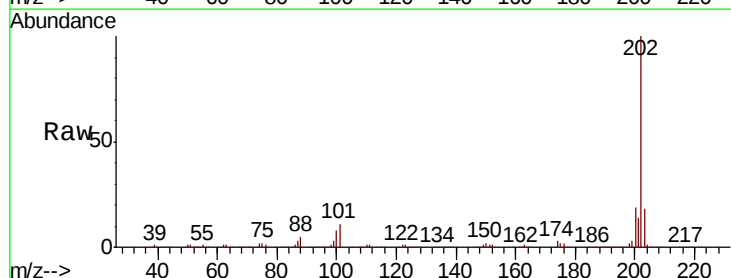
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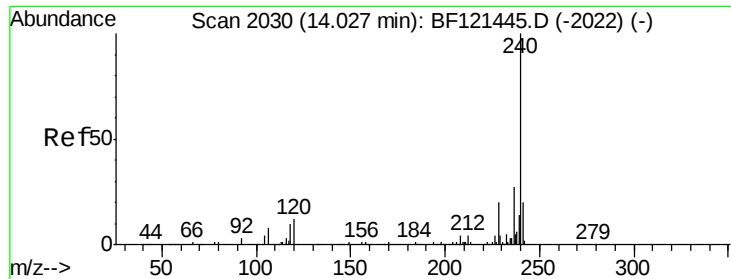
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#75
Fluoranthene
Concen: 6.719 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BF121463.D
Acq: 28 Aug 2020 16:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	33.3
203	17.5	0.0	39.1





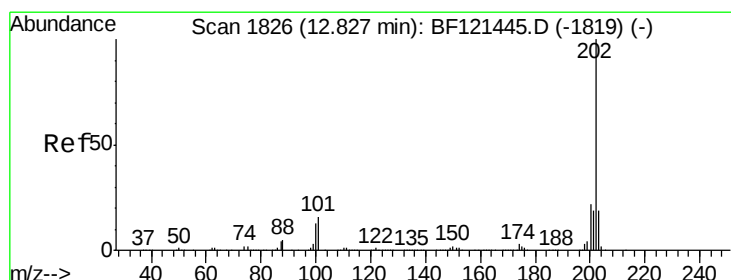
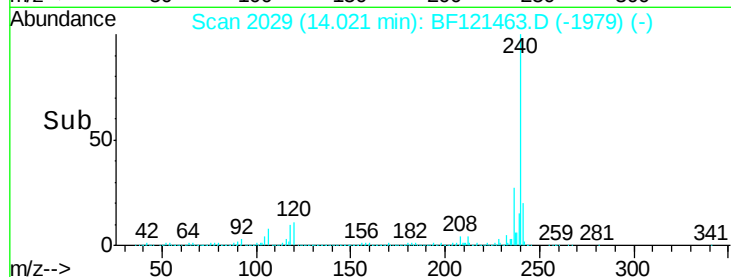
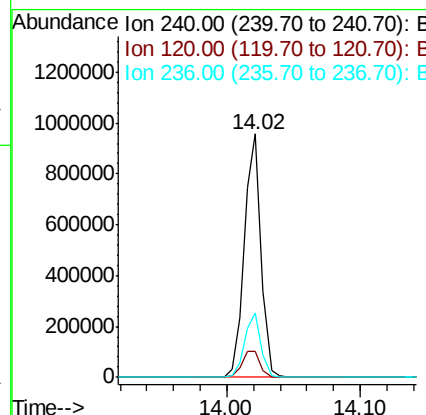
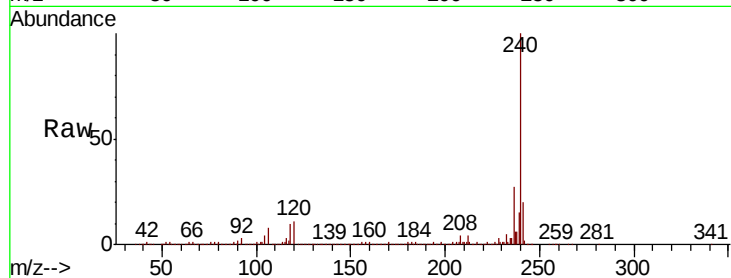
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF121463.D
Acq: 28 Aug 2020 16:56

Instrument :
BNA_F
ClientSampleId :
789UMR-TP11-0612-01

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.5	14.3
236	26.5	21.8	32.6

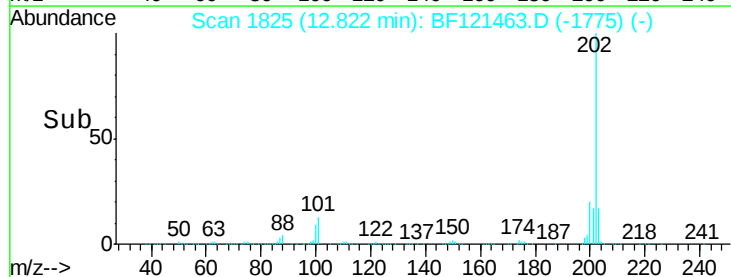
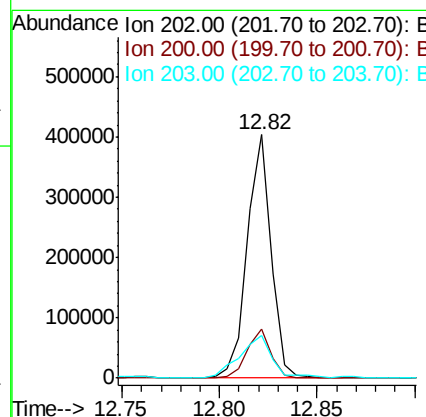
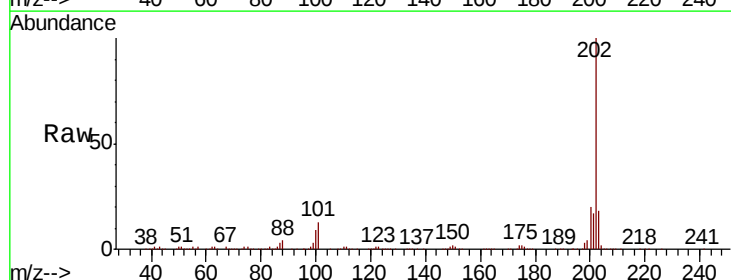
Manual Integrations
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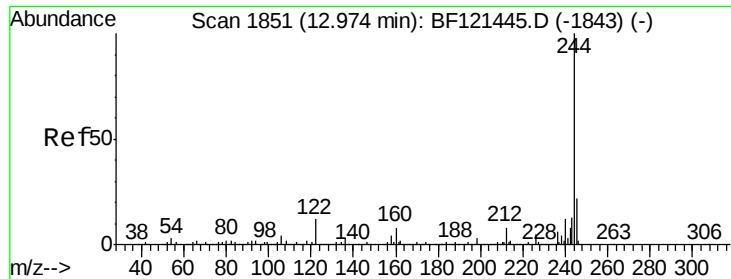
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#78
Pyrene
Concen: 5.788 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF121463.D
Acq: 28 Aug 2020 16:56

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.0	18.0	27.0
203	17.8	15.3	22.9





#79

Terphenyl-d14

Concen: 56.646 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF121463.D

Acq: 28 Aug 2020 16:56

Instrument :

BNA_F

ClientSampleId :

789UMR-TP11-0612-01

Tot Ion:244 Resp: 2235269

Ion Ratio Lower Upper

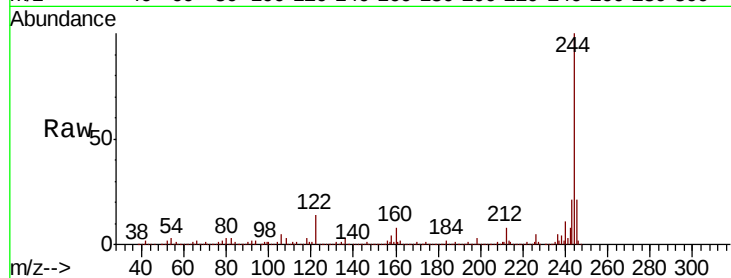
244 100

212 7.7 6.3 9.5

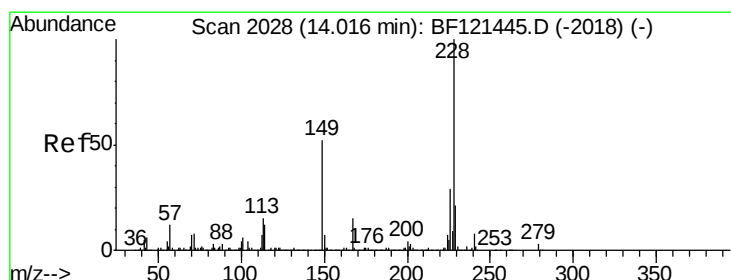
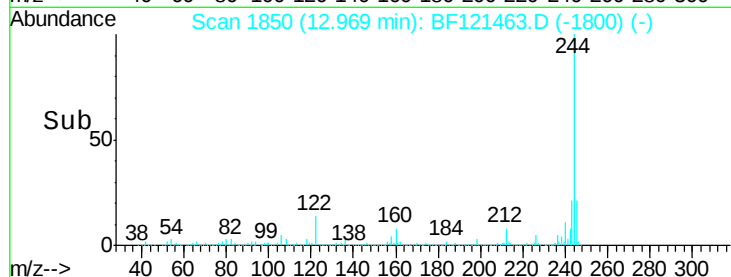
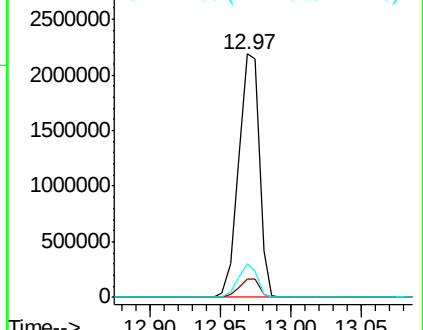
122 13.7 9.5 14.3

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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: 3.425 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF121463.D

Acq: 28 Aug 2020 16:56

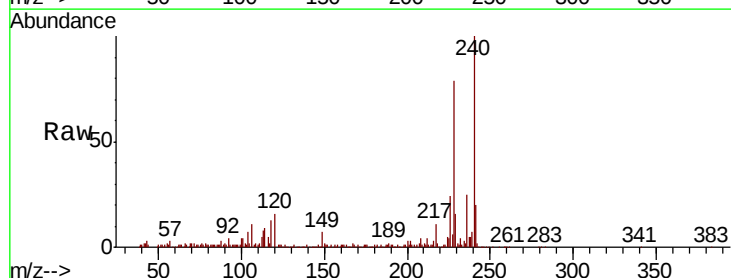
Tgt Ion:228 Resp: 173688

Ion Ratio Lower Upper

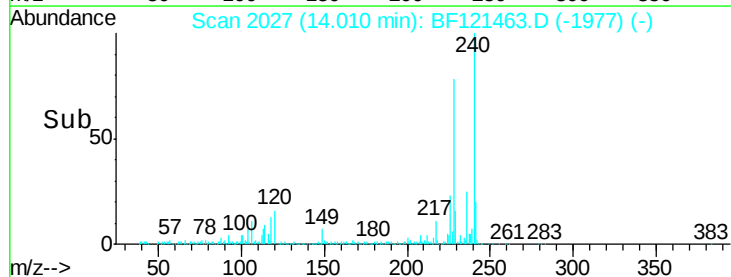
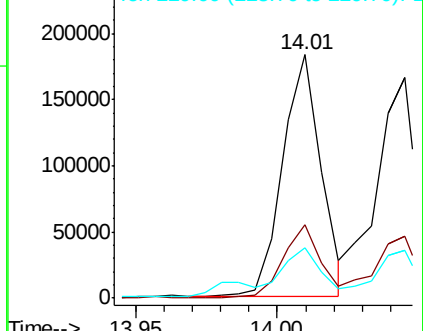
228 100

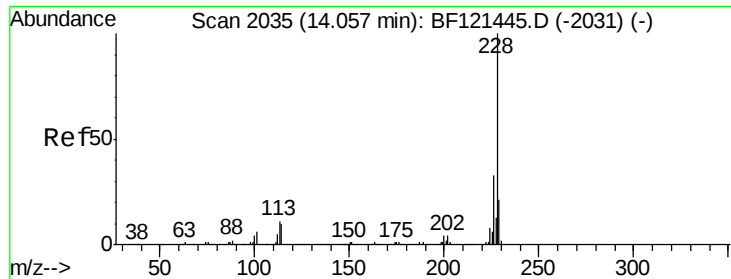
226 30.2 23.0 34.4

229 20.5 16.6 24.8



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





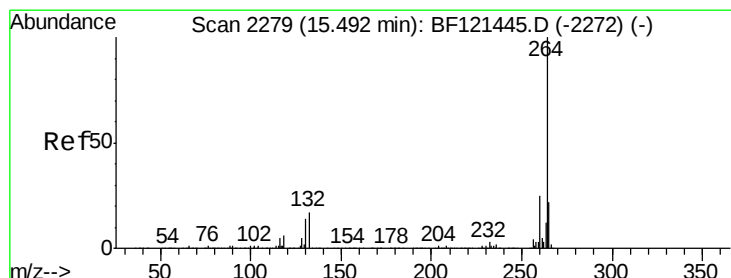
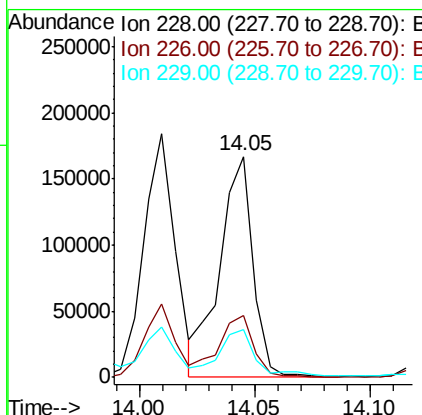
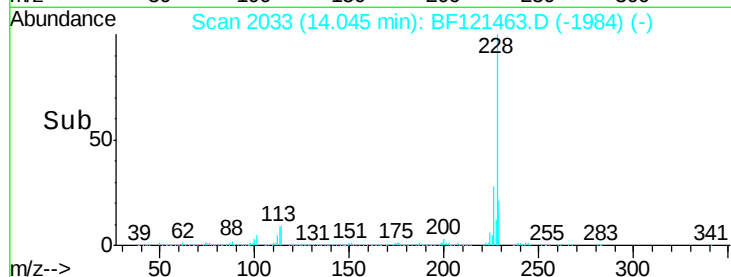
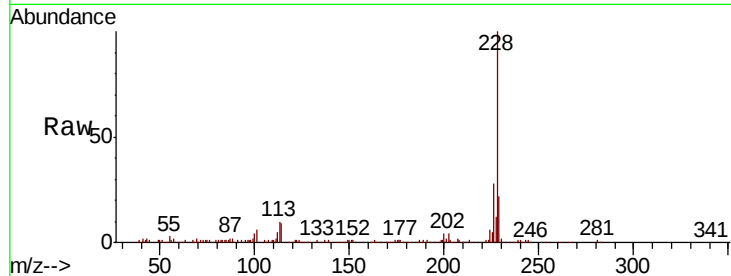
#83
Chrysene
Concen: 3.276 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF121463.D
Acq: 28 Aug 2020 16:56

Instrument :
BNA_F
ClientSampleId :
789UMR-TP11-0612-01

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	26.2	39.2
229	21.8	16.6	25.0

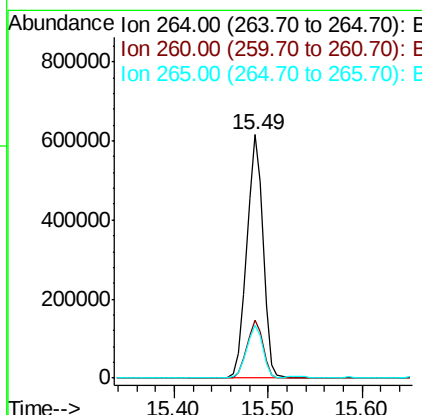
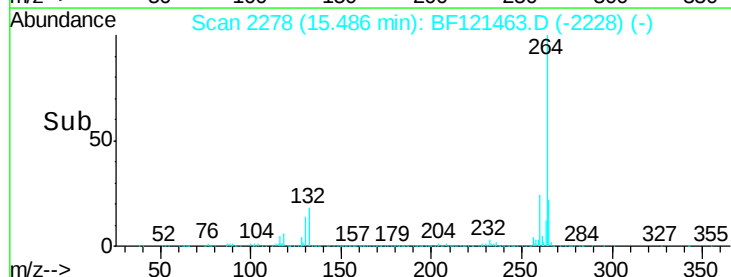
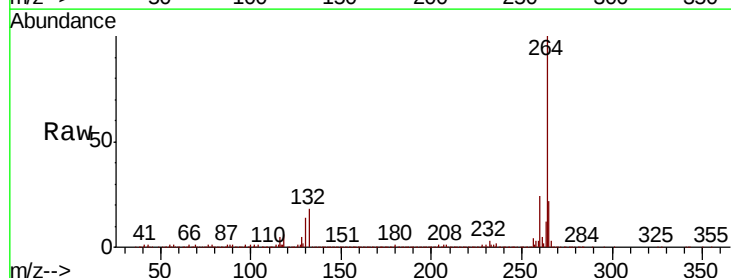
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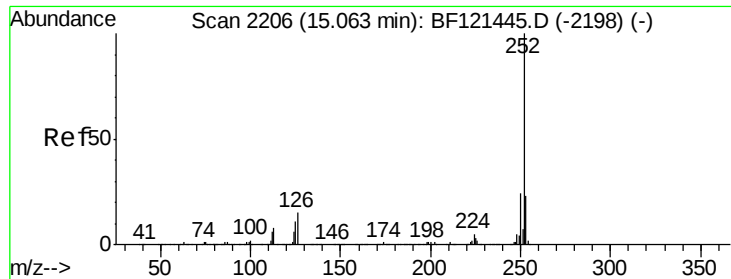
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF121463.D
Acq: 28 Aug 2020 16:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	21.8	17.8	26.6





#88

Benzo(b)fluoranthene

Concen: 4.108 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BF121463.D

Acq: 28 Aug 2020 16:56

Instrument :

BNA_F

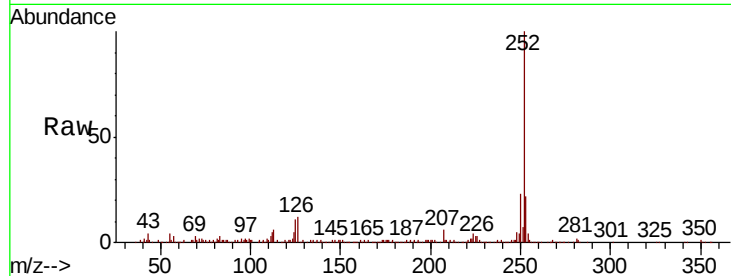
ClientSampleId :

789UMR-TP11-0612-01

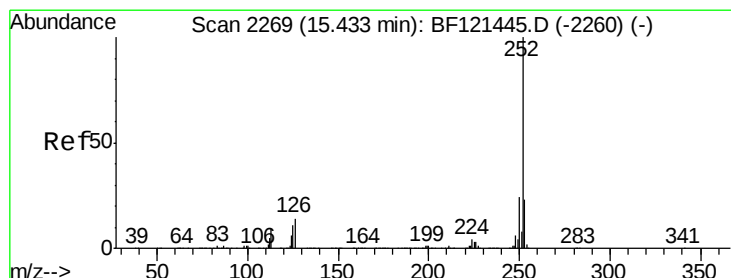
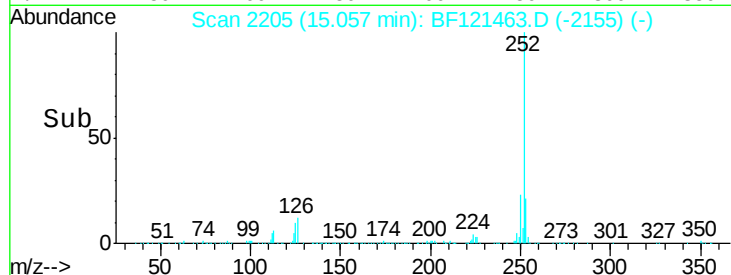
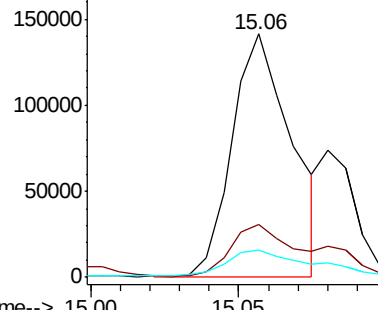
Tot Ion:	252	Resp:	197280
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.3	27.5
125	11.0	9.2	13.8

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 3.039 ng

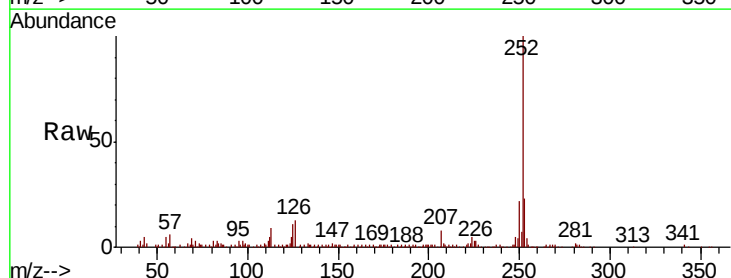
RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

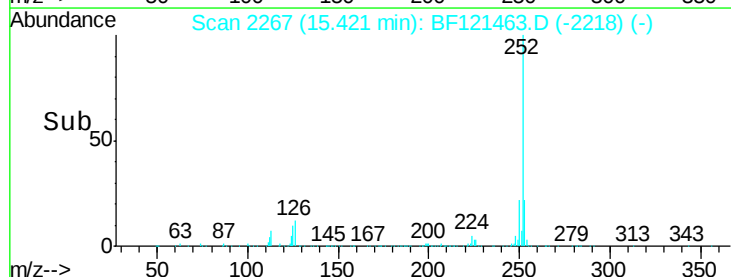
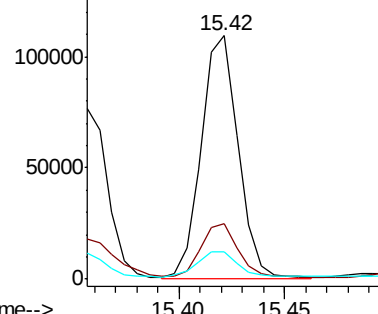
Lab File: BF121463.D

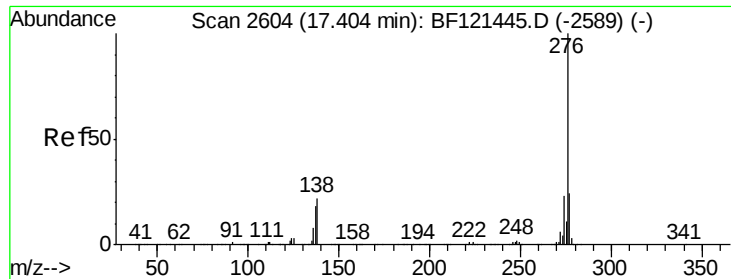
Acq: 28 Aug 2020 16:56

Tgt Ion:	252	Resp:	131246
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.0	27.0
125	11.2	9.0	13.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 2.346 ng
 RT: 17.37 min Scan# 2599
 Delta R.T. -0.03 min
 Lab File: BF121463.D
 Acq: 28 Aug 2020 16:56

Instrument :
 BNA_F
 ClientSampleId :
 789UMR-TP11-0612-01

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	24.6	17.4	26.0

Manual Integrations
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