

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
 Data File : BF121035.D
 Acq On : 27 Jul 2020 16:42
 Operator : JU/CG
 Sample : L3382-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CTR-007

Manual Integrations
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Quant Time: Jul 27 17:53:24 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	205336	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	768057	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	425492	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	810918	20.00	ng	0.00
76) Chrysene-d12	13.97	240	673711	20.00	ng	0.00
86) Perylene-d12	15.42	264	604899	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	944324	75.39	ng	0.00
7) Phenol-d6	6.45	99	1168203	72.20	ng	0.00
23) Nitrobenzene-d5	7.37	82	741388	55.85	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	384692	82.60	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1468382	51.53	ng	0.00
79) Terphenyl-d14	12.92	244	1538808	49.65	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.56	163	274529	8.943	ng	99
71) Phenanthrene	11.36	178	130020	3.118	ng	97
75) Fluoranthene	12.54	202	183947	3.979	ng	99
78) Pyrene	12.77	202	234698	4.927	ng	99
81) Benzo(a)anthracene	13.96	228	120445	2.952	ng	95
83) Chrysene	13.99	228	207815m	4.847	ng	
87) Indeno(1,2,3-cd)pyrene	16.83	276	91048	2.164	ng	93
88) Benzo(b)fluoranthene	15.00	252	291909m	7.984	ng	
89) Benzo(k)fluoranthene	15.02	252	86890m	2.606	ng	
90) Benzo(a)pyrene	15.35	252	123780	3.710	ng	99
92) Benzo(g,h,i)perylene	17.27	276	84350	2.489	ng	98

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

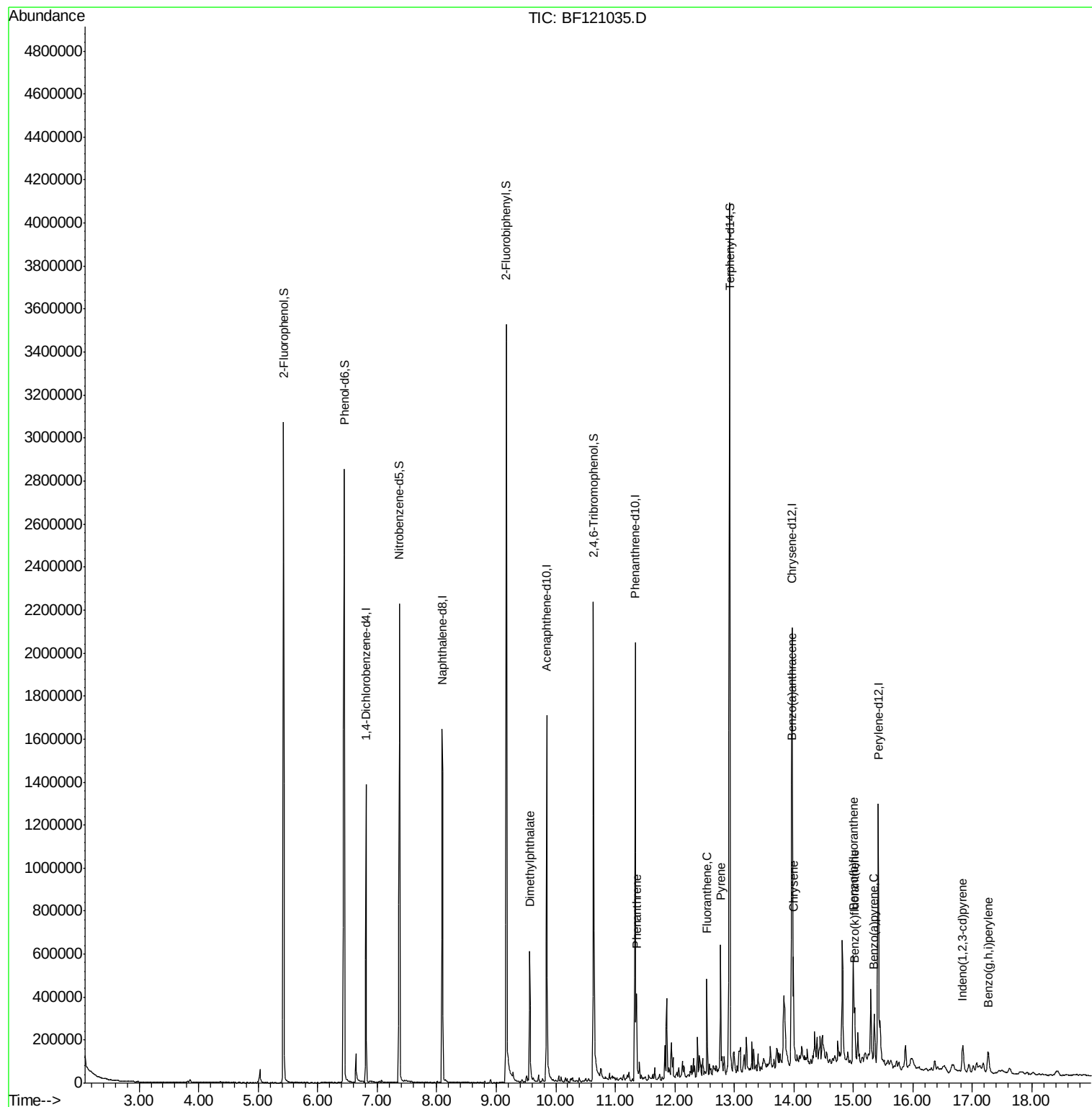
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072720\
Data File : BF121035.D
Acq On : 27 Jul 2020 16:42
Operator : JU/CG
Sample : L3382-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

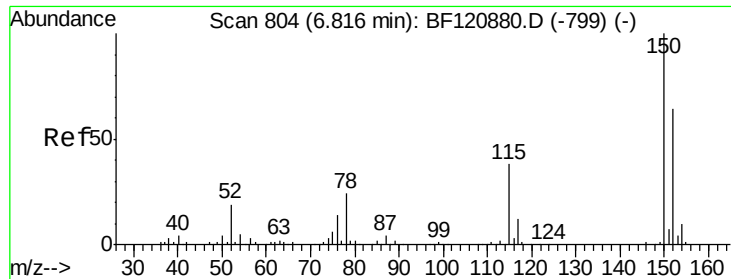
Instrument :
BNA_F
ClientSampleId :
CTR-007

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Quant Time: Jul 27 17:53:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 16 14:20:32 2020
Response via : Initial Calibration





#1

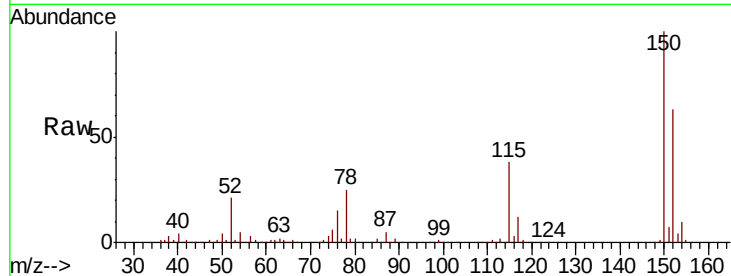
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121035.D
Acq: 27 Jul 2020 16:42

Instrument :
BNA_F
ClientSampled :
CTR-007

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	125.0	187.6
115	60.8	47.0	70.4

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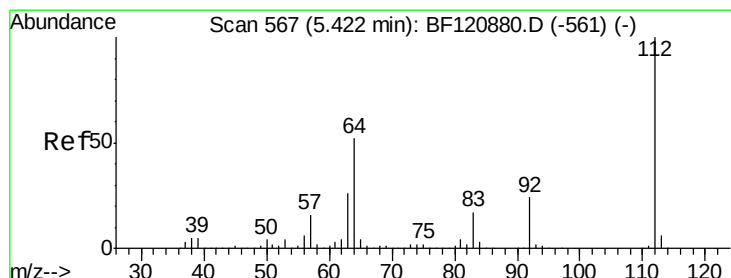
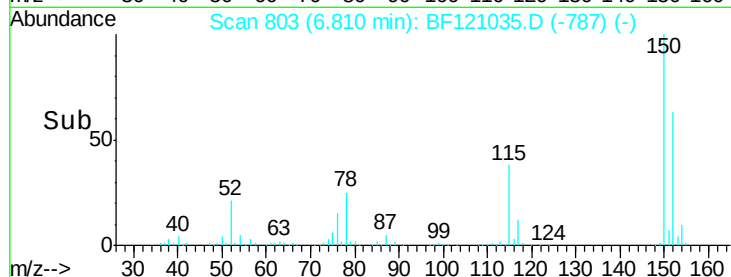
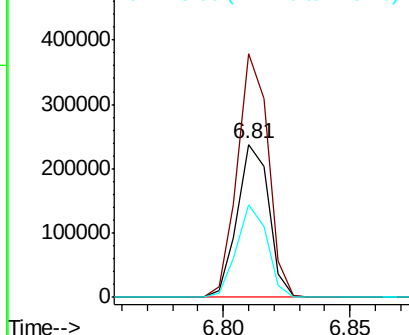


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

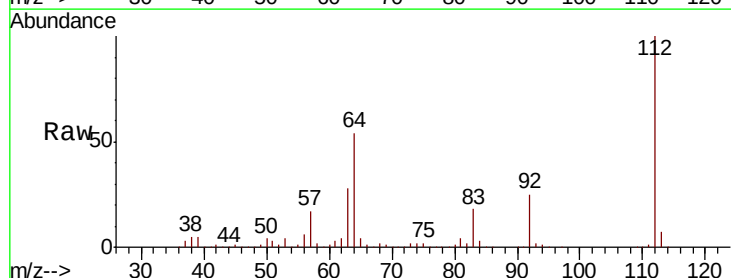
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 75.393 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF121035.D
Acq: 27 Jul 2020 16:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	41.3	61.9
63	27.6	21.1	31.7

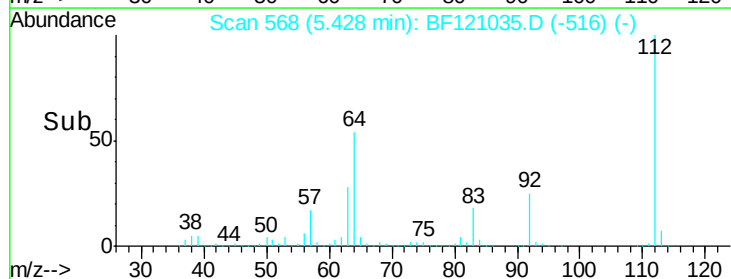
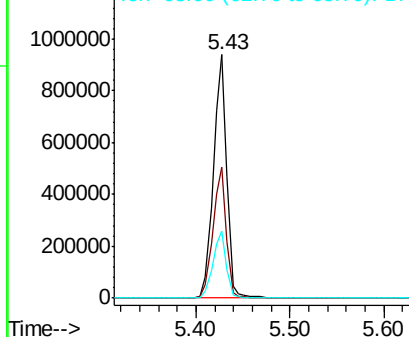


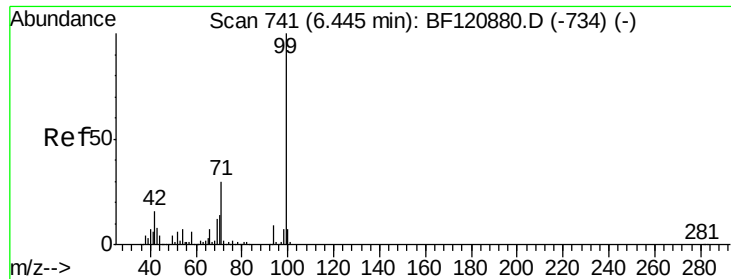
Abundance

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: 72.202 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121035.D

Acq: 27 Jul 2020 16:42

Instrument :

BNA_F

ClientSampled :

CTR-007

Tot Ion: 99 Resp: 1168203

Ion Ratio Lower Upper

99 100

42 16.5 13.1 19.7

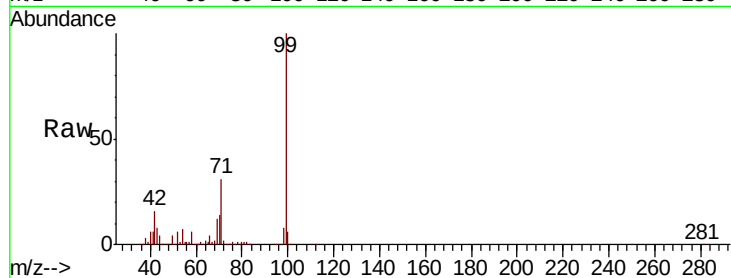
71 30.8 24.2 36.4

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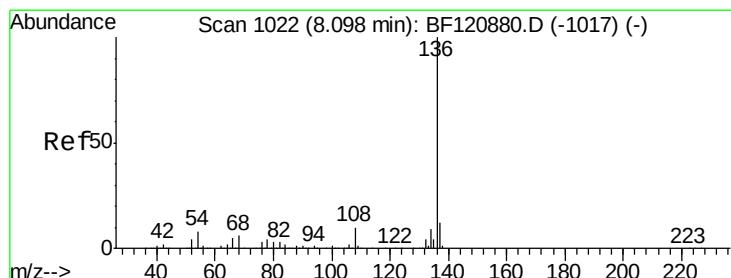
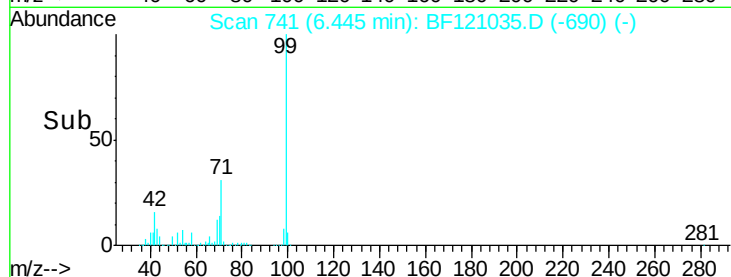
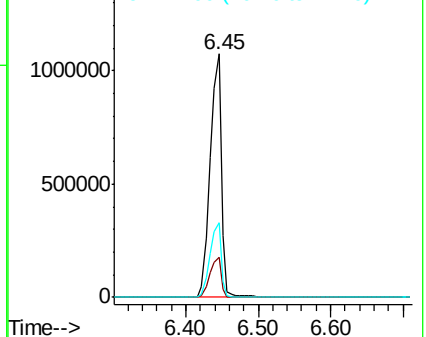
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF121035.D

Acq: 27 Jul 2020 16:42

Tgt Ion: 136 Resp: 768057

Ion Ratio Lower Upper

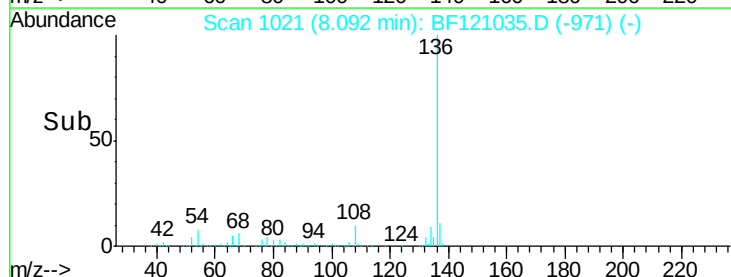
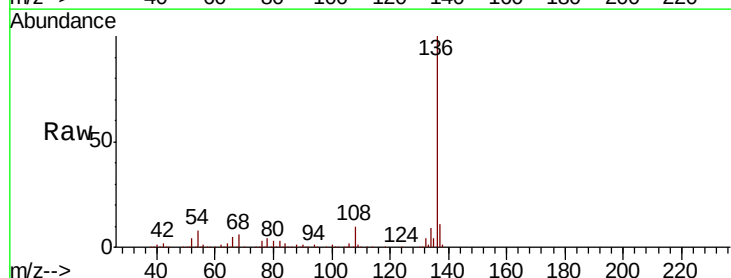
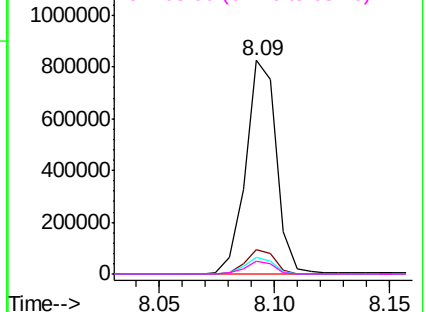
136 100

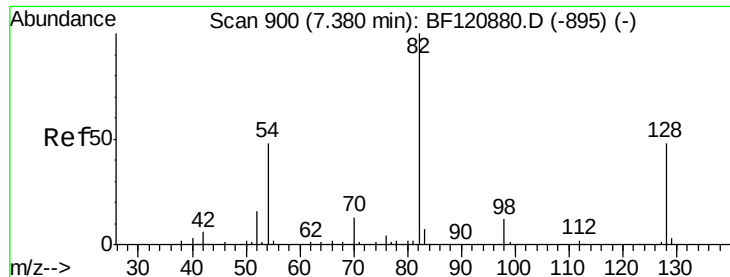
137 11.5 9.3 13.9

54 7.7 6.3 9.5

68 6.2 5.0 7.4

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





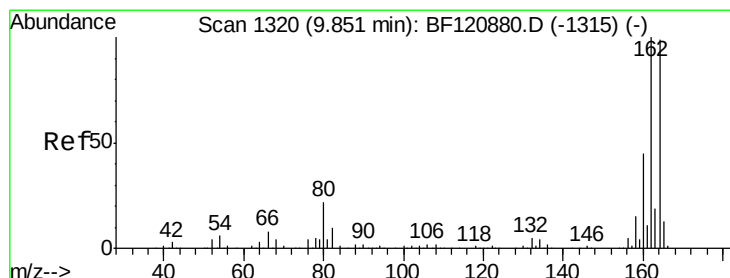
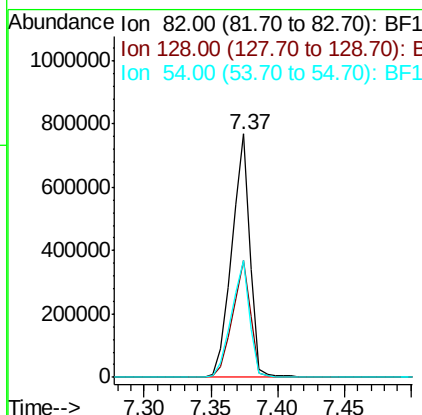
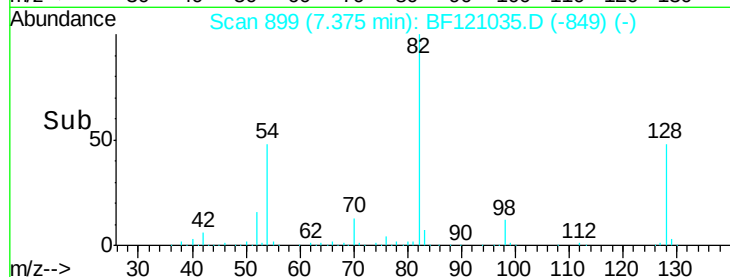
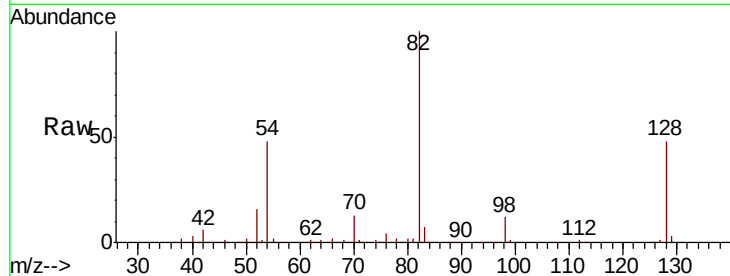
#23
 Nitrobenzene-d5
 Concen: 55.854 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF121035.D
 Acq: 27 Jul 2020 16:42

Instrument :
 BNA_F
 ClientSampled :
 CTR-007

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	38.2	57.4
54	47.9	38.7	58.1

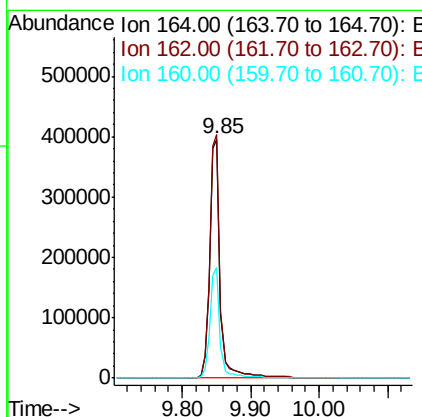
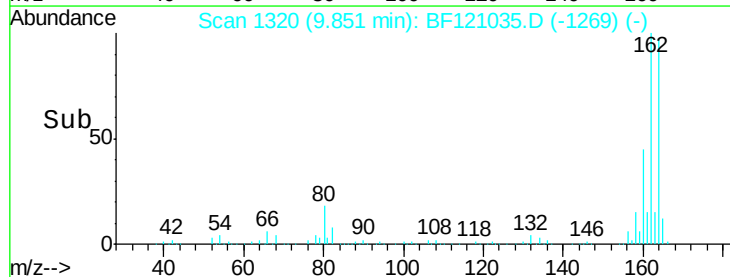
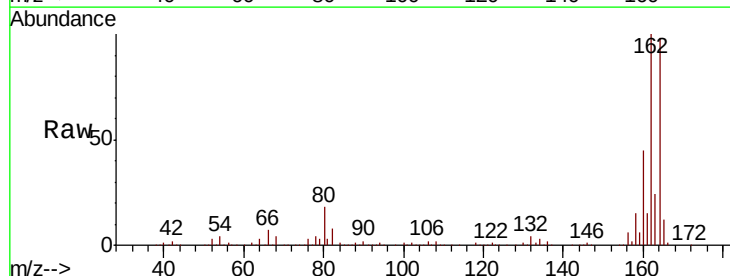
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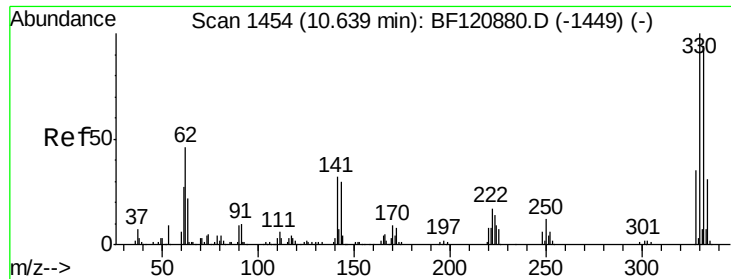
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF121035.D
 Acq: 27 Jul 2020 16:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.2	121.8
160	46.3	36.9	55.3





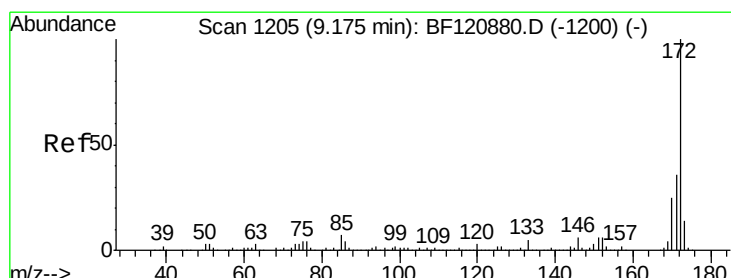
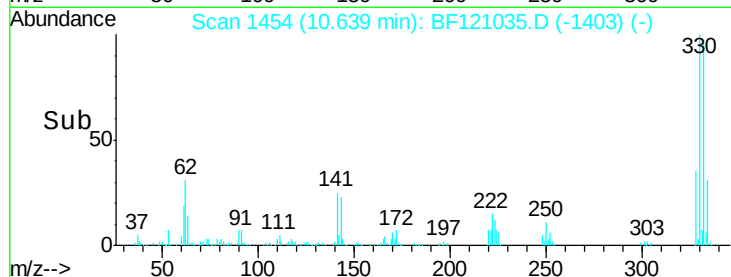
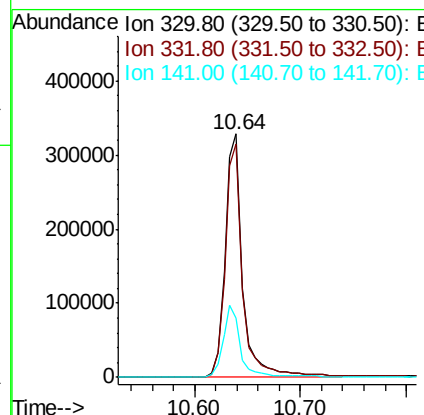
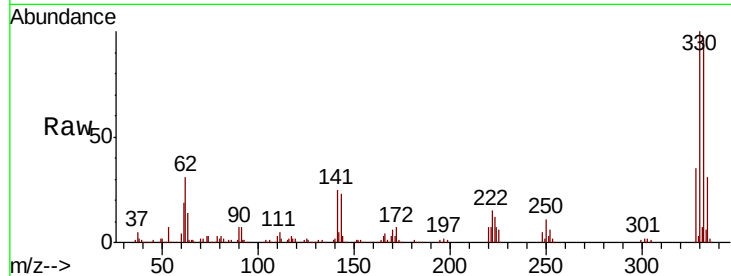
#42
 2,4,6-Tribromophenol
 Concen: 82.597 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121035.D
 Acq: 27 Jul 2020 16:42

Instrument :
 BNA_F
 ClientSampleId :
 CTR-007

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	75.5	113.3
141	30.5	25.7	38.5

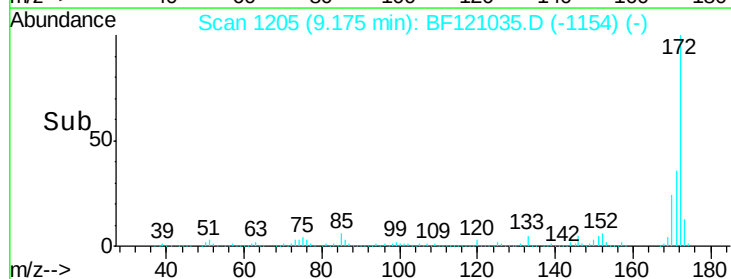
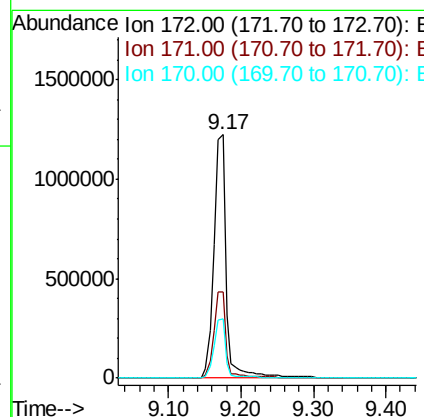
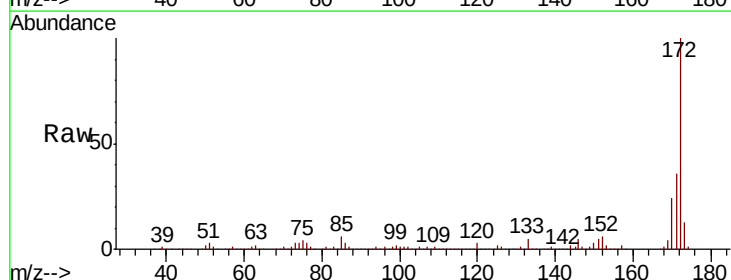
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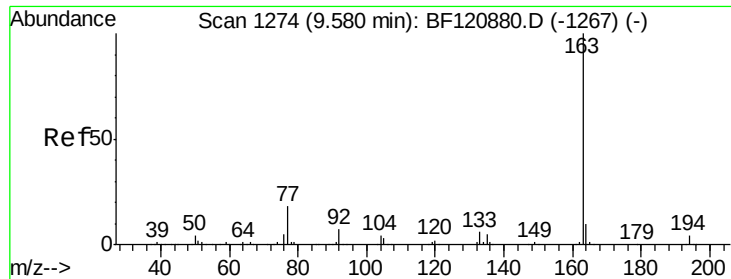
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#45
 2-Fluorobiphenyl
 Concen: 51.525 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF121035.D
 Acq: 27 Jul 2020 16:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	24.2	19.6	29.4





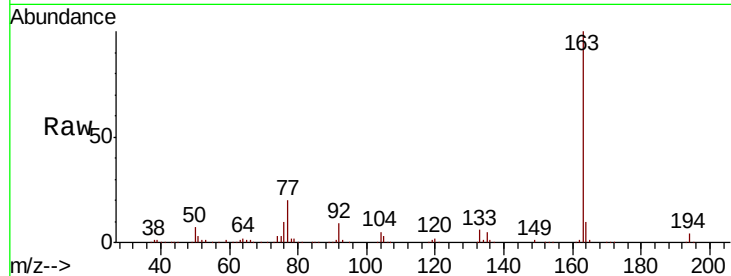
#50
Dimethylphthalate
Concen: 8.943 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF121035.D
Acq: 27 Jul 2020 16:42

Instrument :
BNA_F
ClientSampleId :
CTR-007

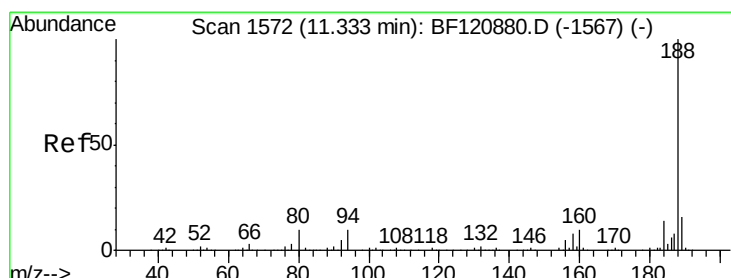
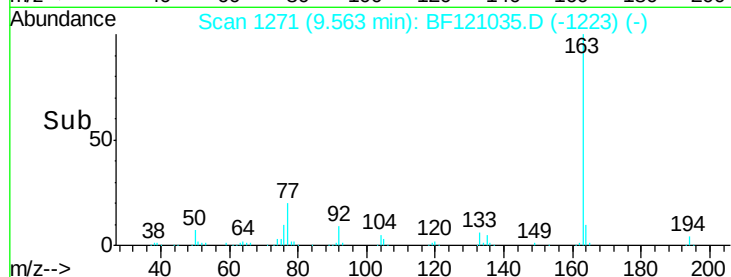
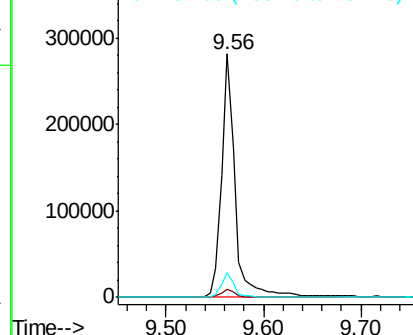
Tot Ion	Ratio	Resp	Lower	Upper
163	100	274529		
194	3.5		3.2	4.8
164	10.3		7.9	11.9

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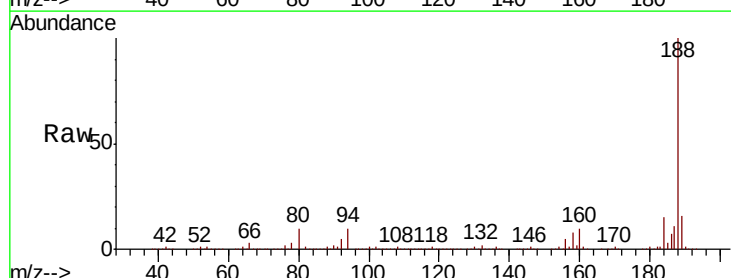


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

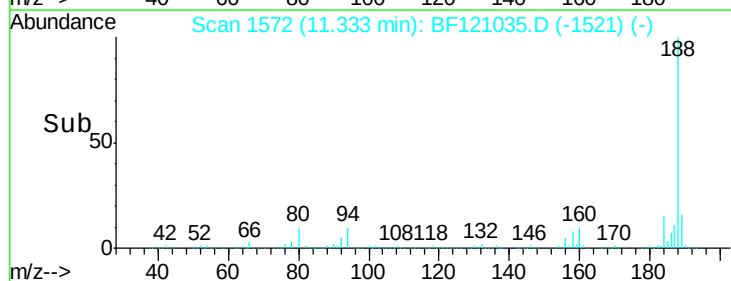
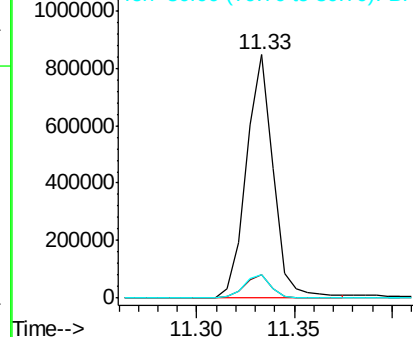


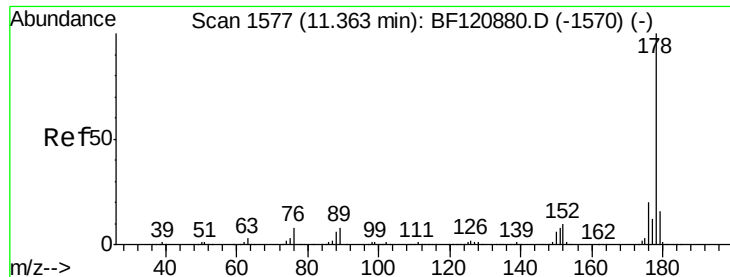
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121035.D
Acq: 27 Jul 2020 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	810918		
94	9.5		8.0	12.0
80	9.6		8.3	12.5



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





#71

Phenanthrene

Concen: 3.118 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF121035.D

Acq: 27 Jul 2020 16:42

Instrument :

BNA_F

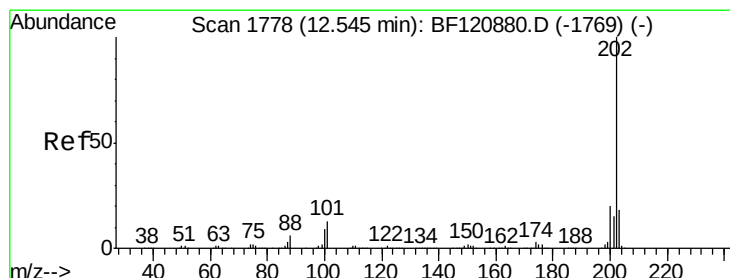
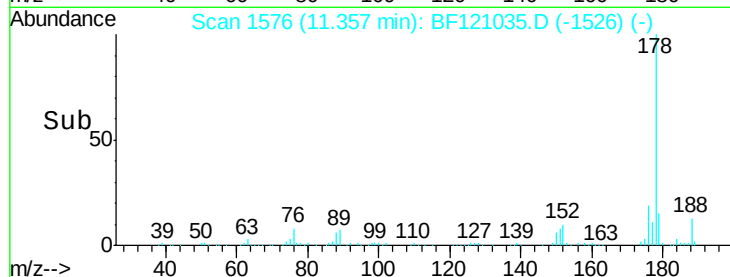
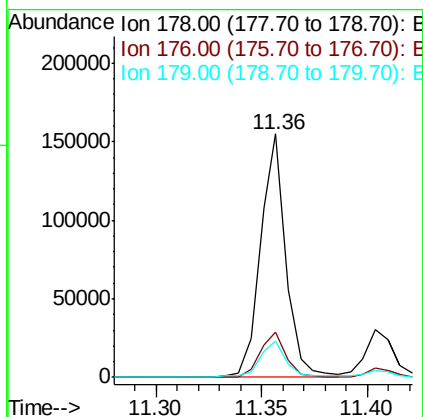
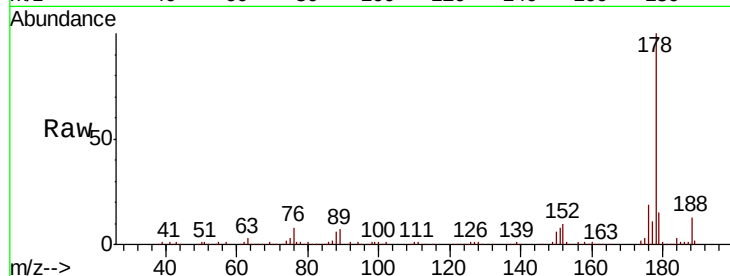
ClientSampleId :

CTR-007

Tot Ion:	178	Resp:	130020
Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.2	24.4
179	14.8	12.8	19.2

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#75

Fluoranthene

Concen: 3.979 ng

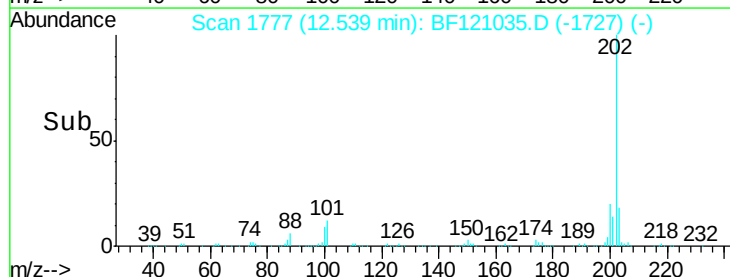
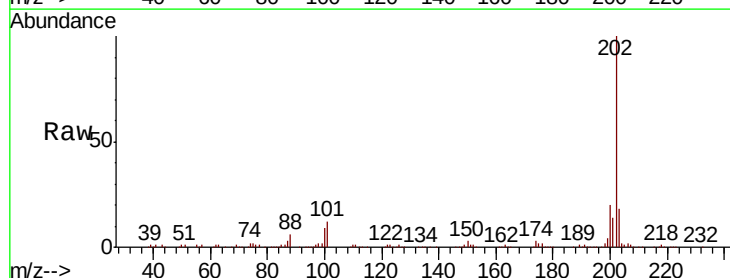
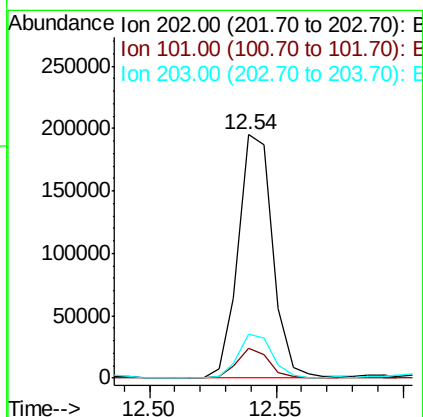
RT: 12.54 min Scan# 1777

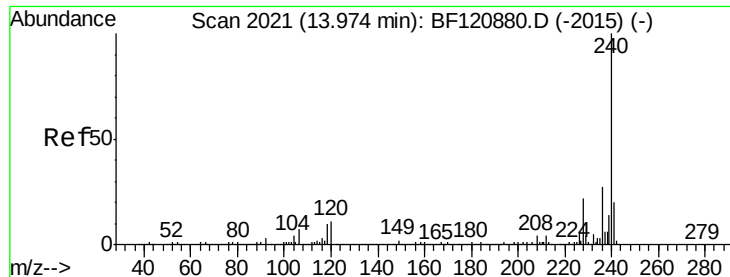
Delta R.T. -0.01 min

Lab File: BF121035.D

Acq: 27 Jul 2020 16:42

Tgt Ion:	202	Resp:	183947
Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.7
203	17.8	0.0	38.0





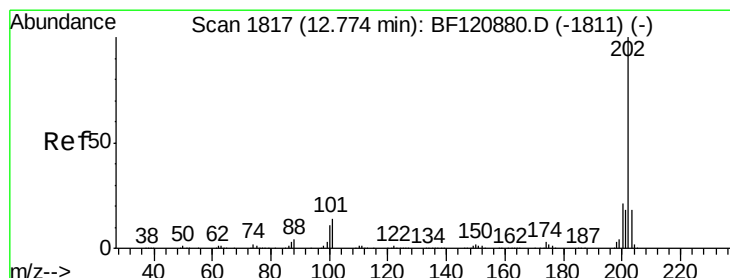
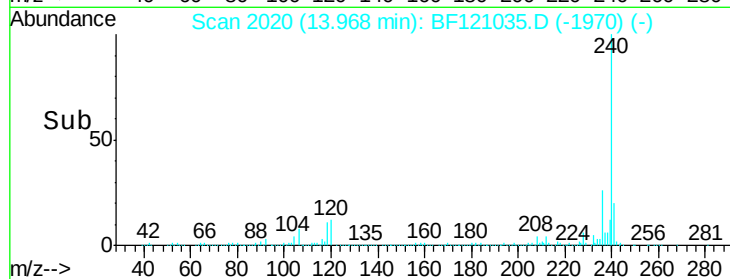
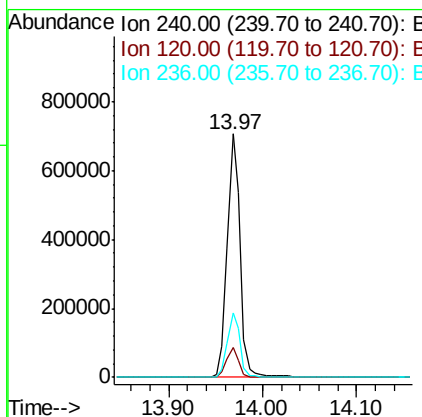
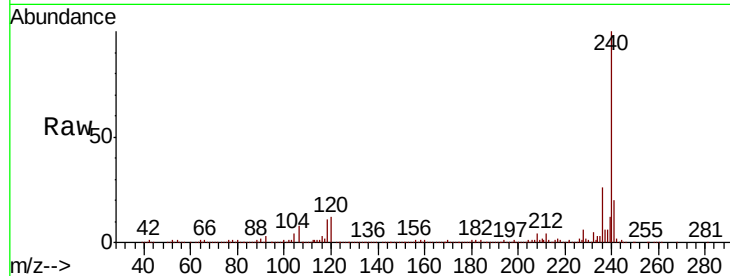
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121035.D
Acq: 27 Jul 2020 16:42

Instrument :
BNA_F
ClientSampleId :
CTR-007

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.0	13.4
236	26.5	21.7	32.5

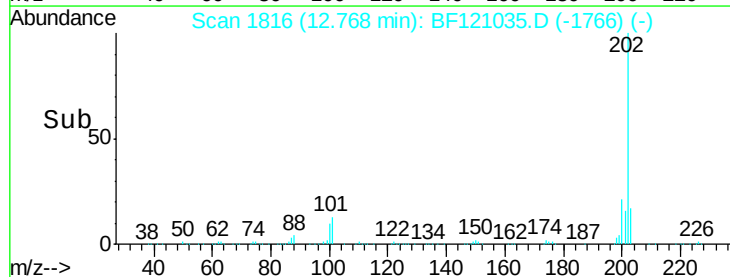
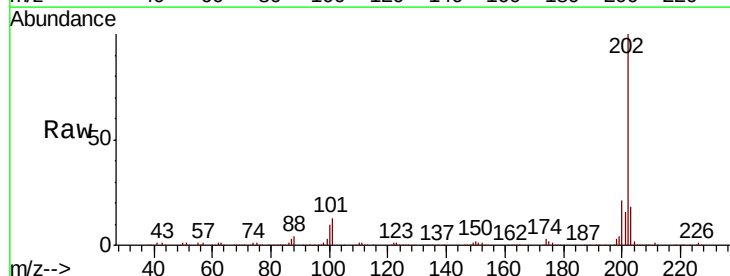
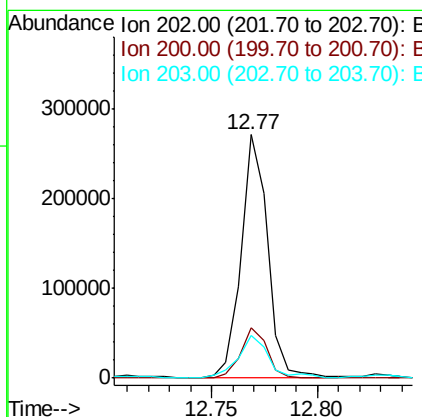
Manual Integrations
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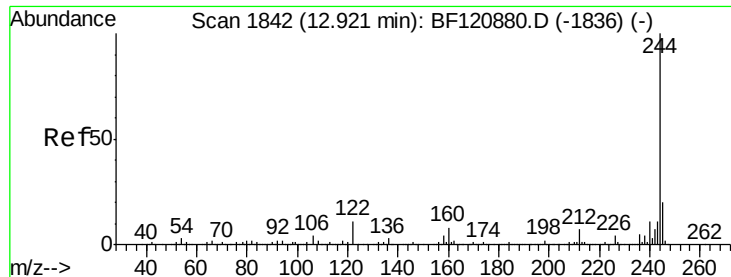
mohammad
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#78
Pyrene
Concen: 4.927 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF121035.D
Acq: 27 Jul 2020 16:42

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.0	25.4
203	17.7	14.4	21.6





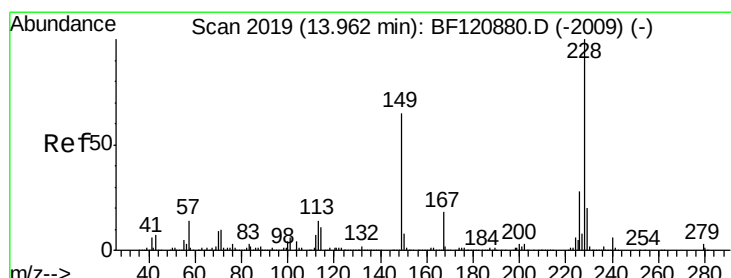
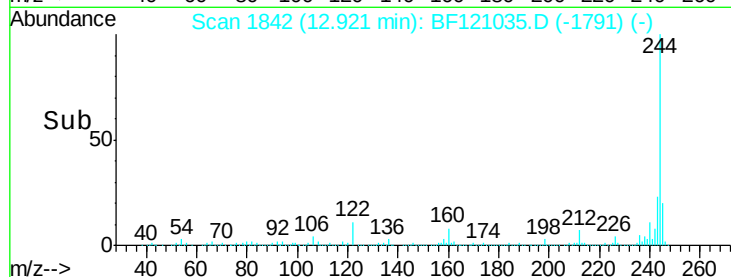
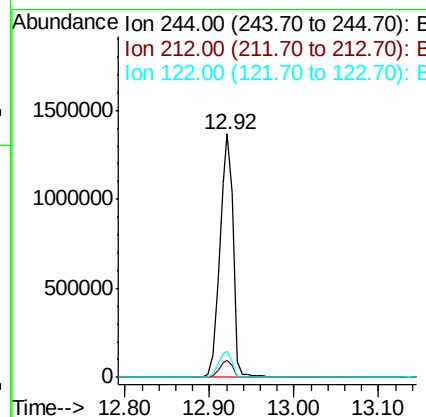
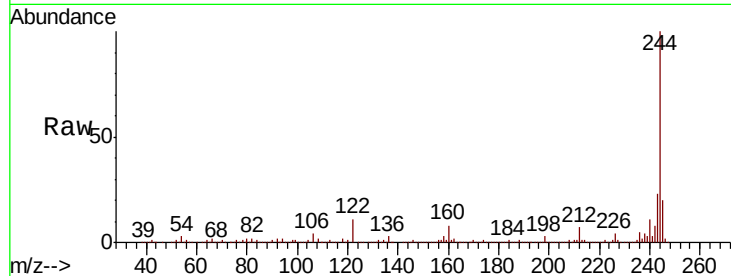
#79
 Terphenyl-d14
 Concen: 49.651 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF121035.D
 Acq: 27 Jul 2020 16:42

Instrument :
 BNA_F
 ClientSampleId :
 CTR-007

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	10.5	8.9	13.3

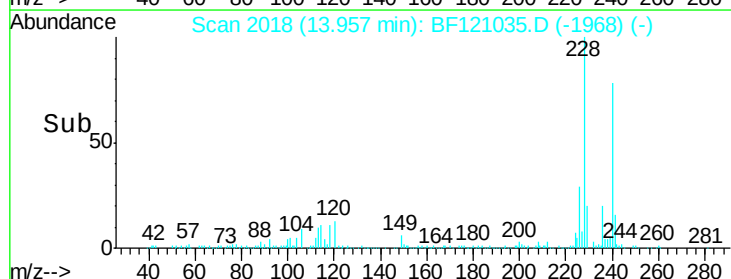
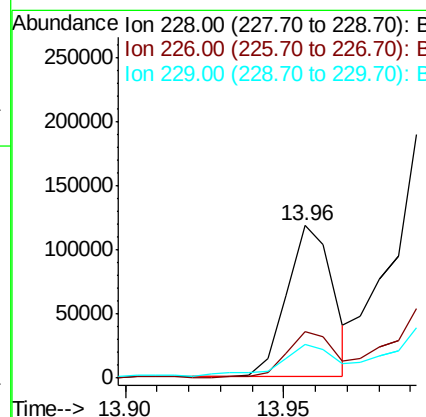
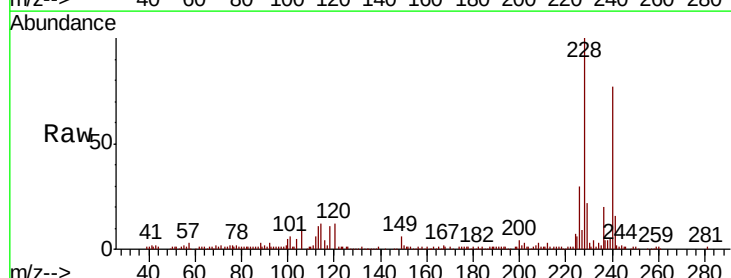
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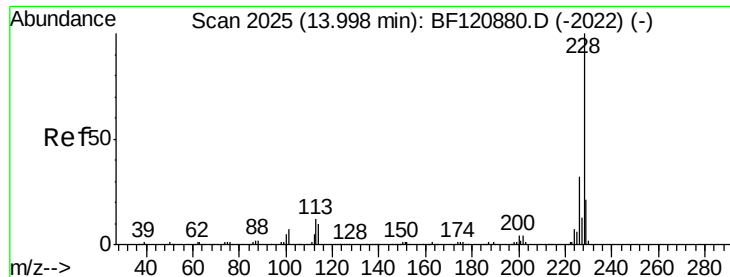
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#81
 Benzo(a)anthracene
 Concen: 2.952 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF121035.D
 Acq: 27 Jul 2020 16:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.3	33.5
229	22.3	16.1	24.1





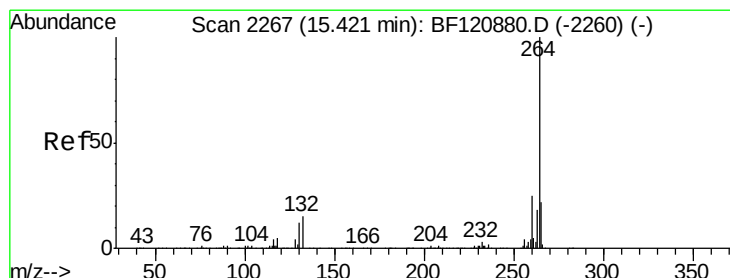
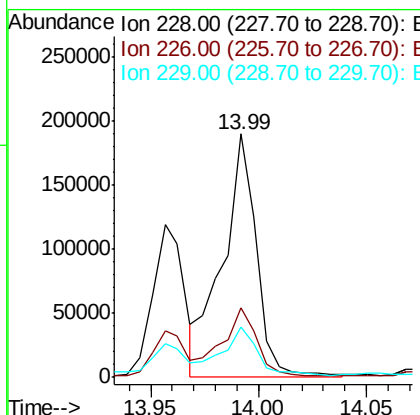
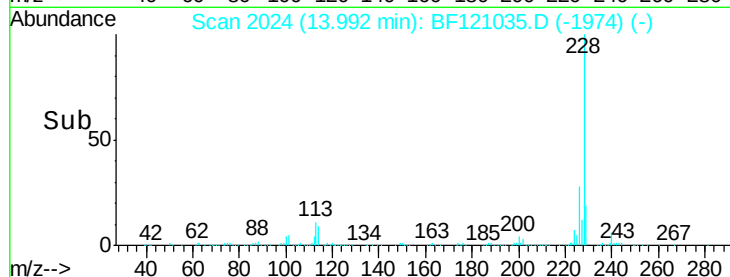
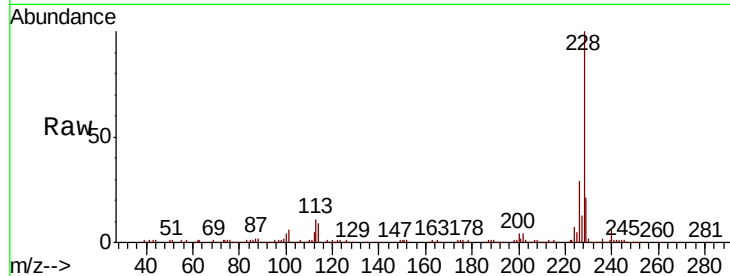
#83
Chrysene
Concen: 4.847 ng/mL
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF121035.D
Acq: 27 Jul 2020 16:42

Instrument :
BNA_F
ClientSampleId :
CTR-007

Tot Ion:	228	Resp:	207815
Ion Ratio	Lower	Upper	
228	100		
226	28.7	25.6	38.4
229	20.9	16.8	25.2

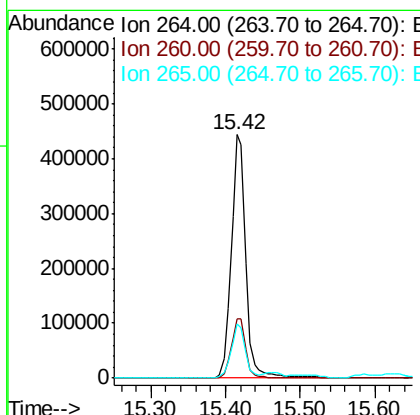
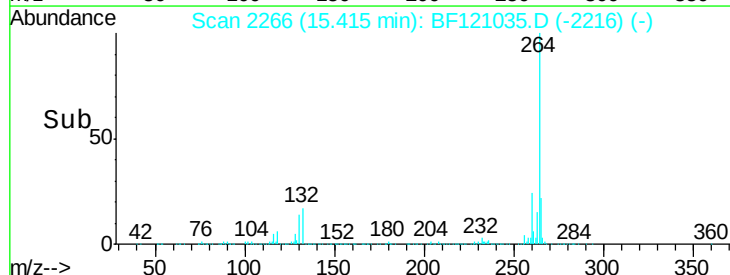
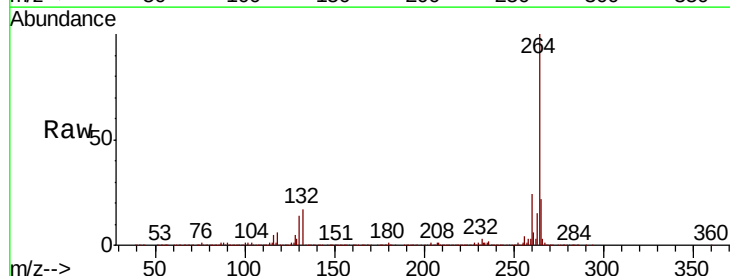
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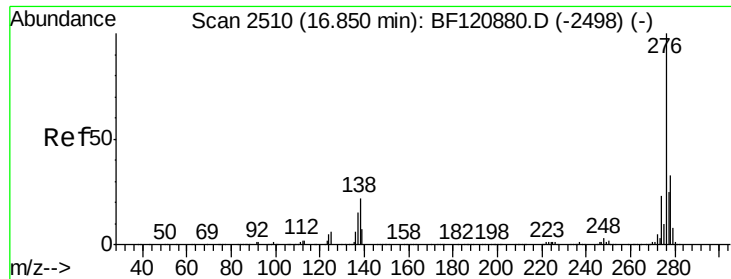
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#86
Perylene-d12
Concen: 20.000 ng/mL
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF121035.D
Acq: 27 Jul 2020 16:42

Tgt Ion:	264	Resp:	604899
Ion Ratio	Lower	Upper	
264	100		
260	24.5	20.0	30.0
265	22.4	17.4	26.2





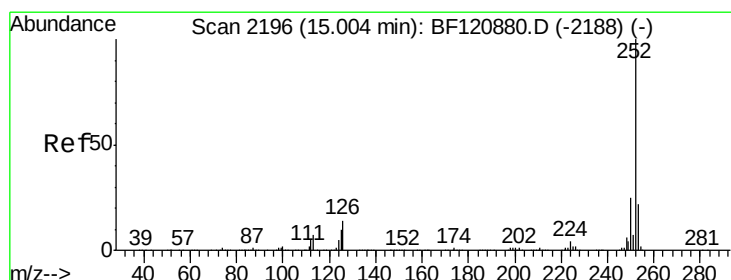
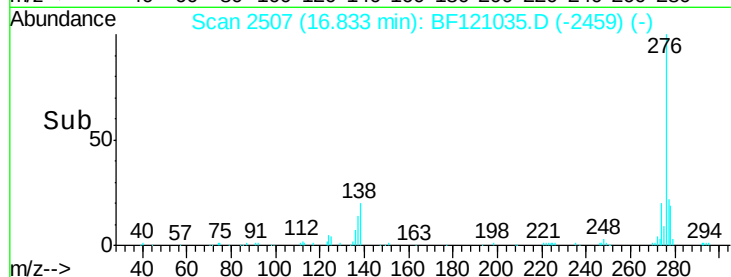
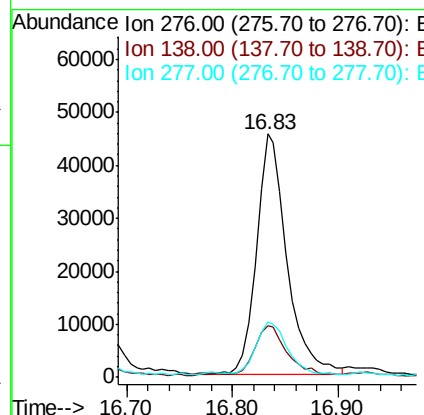
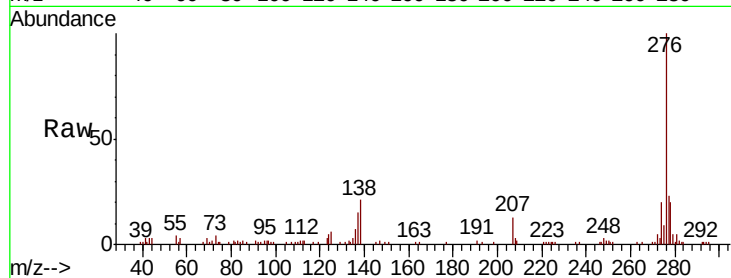
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.164 ng
 RT: 16.83 min Scan# 2507
 Delta R.T. -0.02 min
 Lab File: BF121035.D
 Acq: 27 Jul 2020 16:42

Instrument :
 BNA_F
 ClientSampleId :
 CTR-007

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.4	19.8	29.8
277	22.1	20.2	30.2

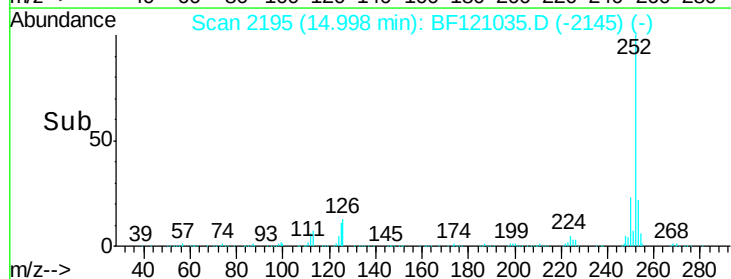
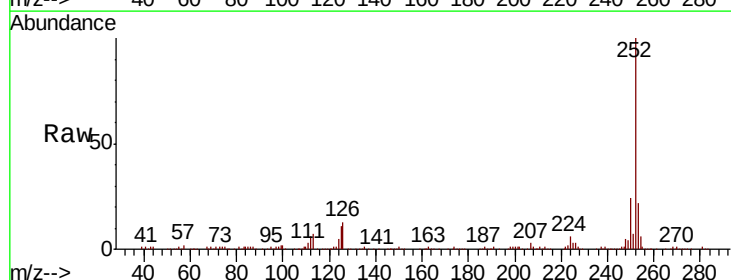
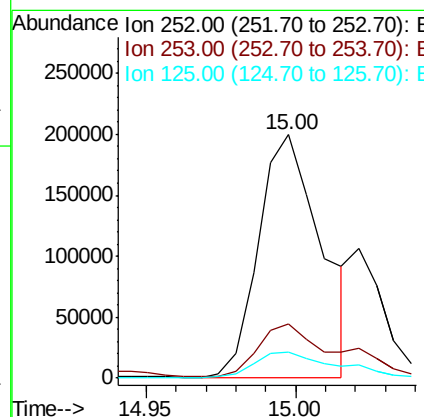
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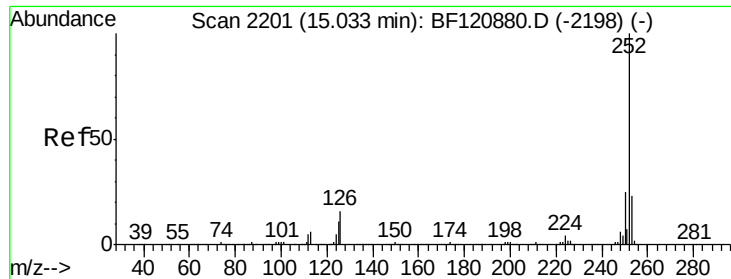
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#88
 Benzo(b)fluoranthene
 Concen: 7.984 ng m
 RT: 15.00 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BF121035.D
 Acq: 27 Jul 2020 16:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.8	8.3	12.5





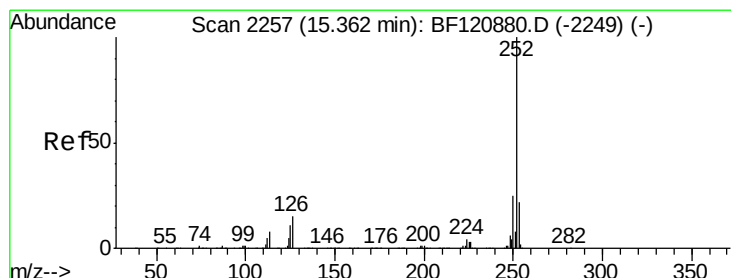
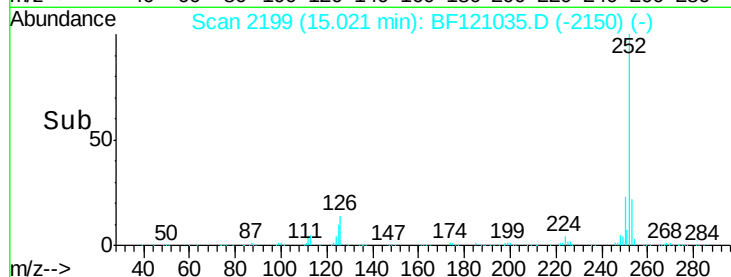
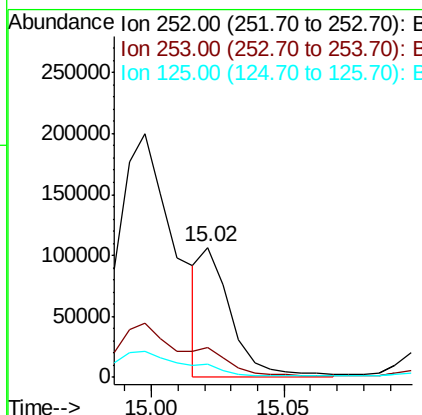
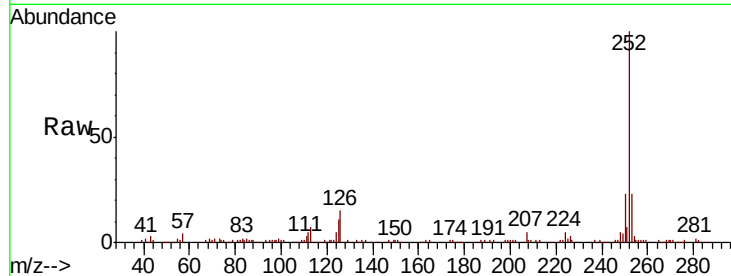
#89
Benzo(k)fluoranthene
Concen: 2.606 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF121035.D
Acq: 27 Jul 2020 16:42

Instrument :
BNA_F
ClientSampleId :
CTR-007

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	10.7	8.4	12.6

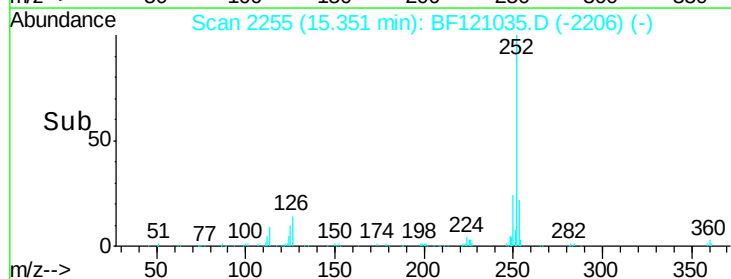
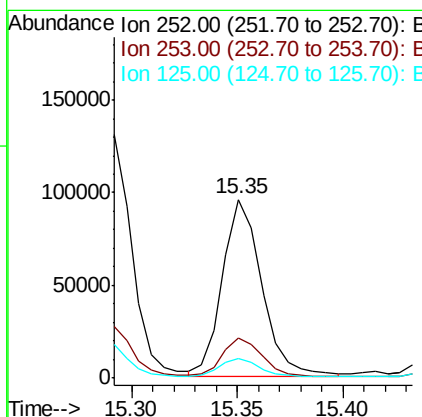
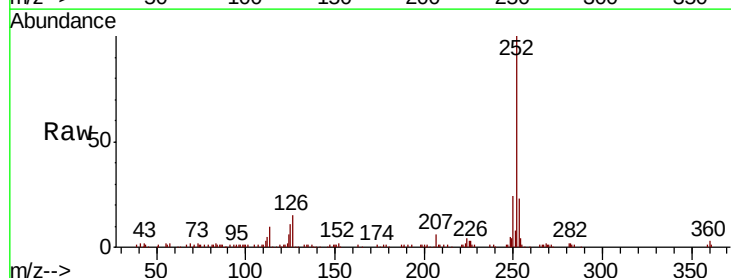
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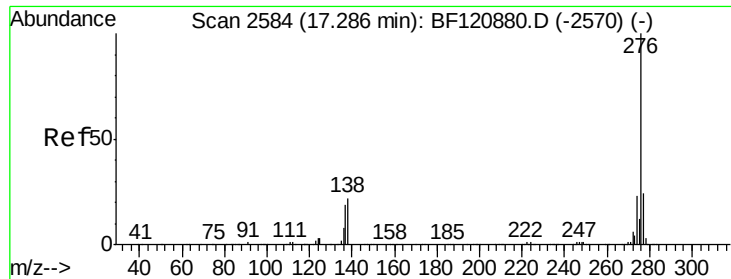
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#90
Benzo(a)pyrene
Concen: 3.710 ng
RT: 15.35 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BF121035.D
Acq: 27 Jul 2020 16:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.7	8.9	13.3





#92
 Benzo(a,h,i)perylene
 Concen: 2.489 ng
 RT: 17.27 min Scan# 2581
 Delta R.T. -0.02 min
 Lab File: BF121035.D
 Acq: 27 Jul 2020 16:42

Instrument :
 BNA_F
 ClientSampleId :
 CTR-007

Tot Ion:	276	Resp:	84350
Ion Ratio		Lower	Upper
276	100		
277	24.4	18.8	28.2
138	21.0	17.5	26.3

Manual Integrations
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