

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
 Data File : BF120394.D
 Acq On : 21 May 2020 21:17
 Operator : MA/SJ
 Sample : L2506-14 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-052020

Manual Integrations
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mohammad
 5/22/2020 2:56:00 PM

Quant Time: May 22 07:32:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 14:56:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	210950	20.00	ng	0.00
21) Naphthalene-d8	7.87	136	820911	20.00	ng	0.00
39) Acenaphthene-d10	9.62	164	363821	20.00	ng	0.00
64) Phenanthrene-d10	11.10	188	618612	20.00	ng	0.00
76) Chrysene-d12	13.74	240	371618	20.00	ng	0.00
87) Perylene-d12	15.13	264	383270	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	612781	56.52	ng	0.00
7) Phenol-d6	6.24	99	830738	60.59	ng	-0.01
23) Nitrobenzene-d5	7.16	82	487223	40.64	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	149934	50.54	ng	0.00
45) 2-Fluorobiphenyl	8.95	172	895757	50.58	ng	0.00
79) Terphenyl-d14	12.69	244	671298	39.91	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.35	163	145724	6.336	ng	98
71) Phenanthrene	11.13	178	307143	11.816	ng	96
75) Fluoranthene	12.32	202	633813	22.749	ng	99
78) Pyrene	12.55	202	501651	18.935	ng	98
81) Benzo(a)anthracene	13.73	228	176982	9.030	ng	99
83) Chrysene	13.77	228	253793	12.058	ng	98
86) Indeno(1,2,3-cd)pyrene	16.44	276	157982	8.270	ng	# 92
88) Benzo(b)fluoranthene	14.75	252	315688m	15.082	ng	
89) Benzo(k)fluoranthene	14.77	252	128422m	7.082	ng	
90) Benzo(a)pyrene	15.07	252	223497	11.906	ng	97
91) Dibenzo(a,h)anthracene	16.44	278	33669m	2.025	ng	
92) Benzo(a,h,i)perylene	16.83	276	162761	9.706	ng	96

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

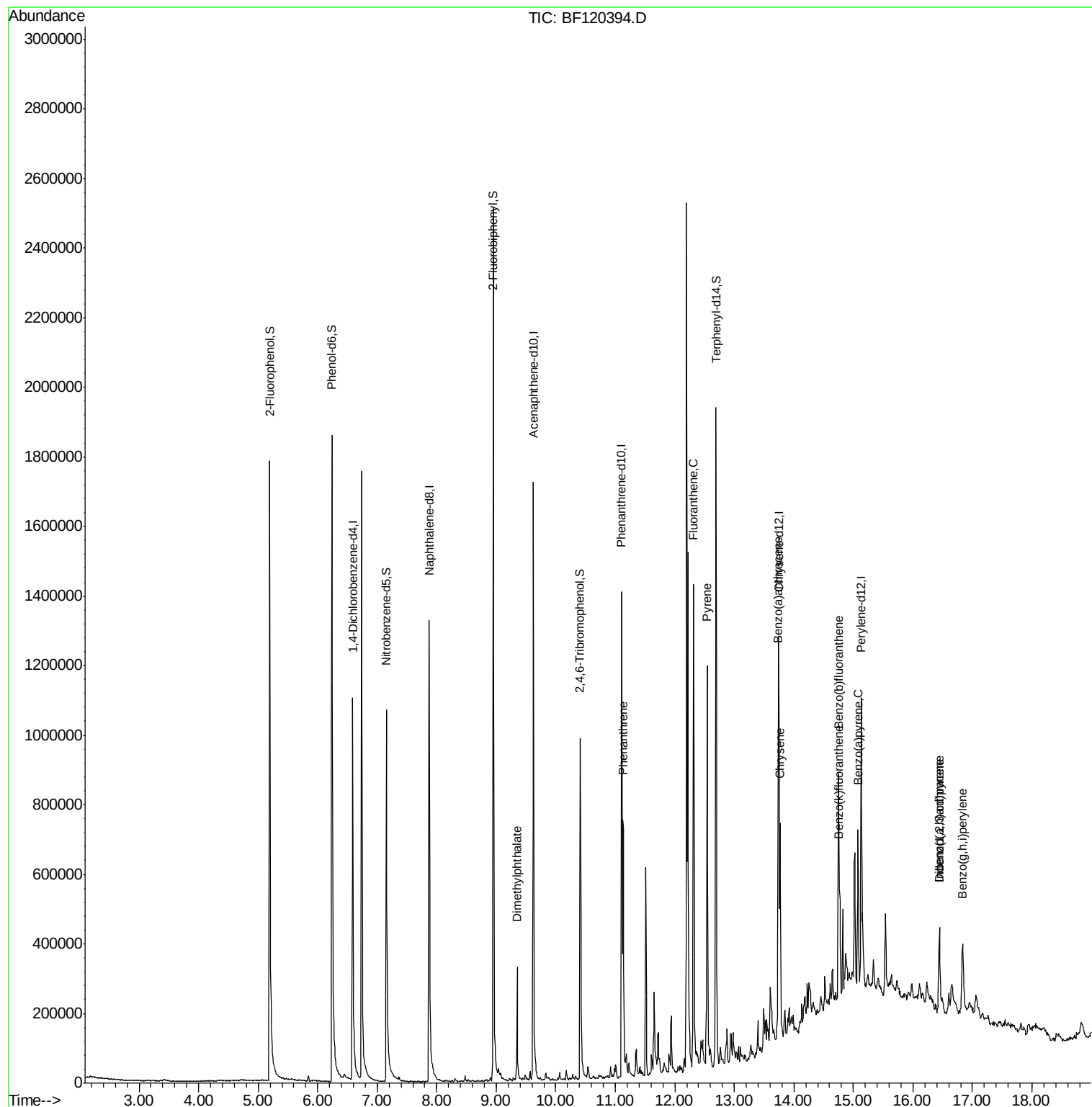
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052120\
Data File : BF120394.D
Acq On : 21 May 2020 21:17
Operator : MA/SJ
Sample : L2506-14 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

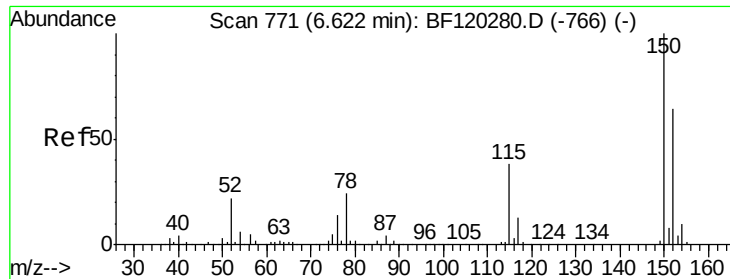
Instrument :
BNA_F
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TR-04-052020

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Quant Time: May 22 07:32:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

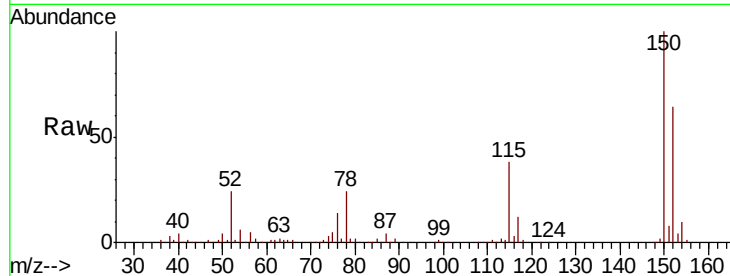
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF120394.D
Acq: 21 May 2020 21:17

Instrument :
BNA_F
ClientSampleId :
TR-04-052020

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.2	189.2
115	58.8	47.9	71.9

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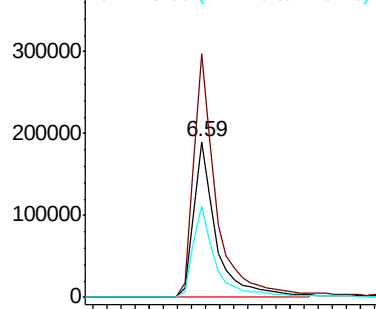


Abundance

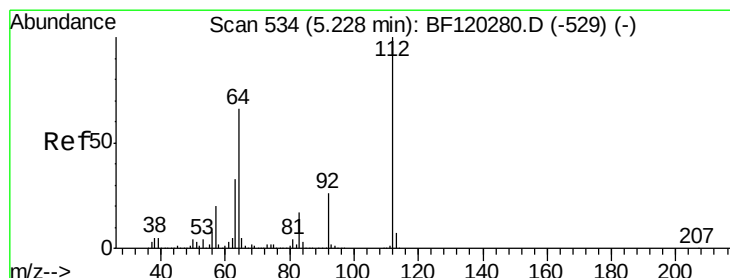
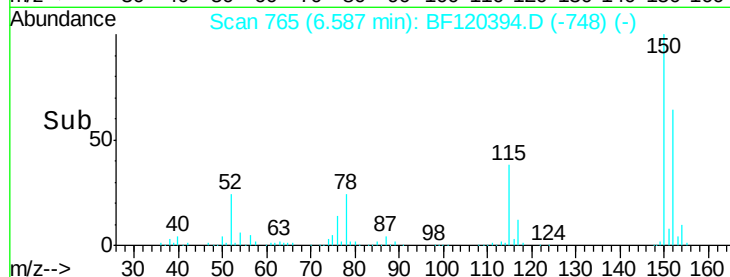
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



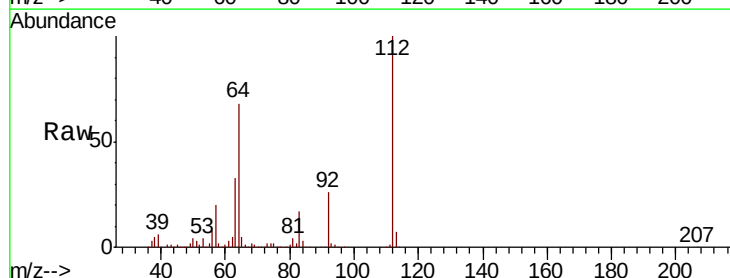
Time-->



#5

2-Fluorophenol
Concen: 56.520 ng
RT: 5.19 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF120394.D
Acq: 21 May 2020 21:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	52.7	79.1
63	33.0	26.2	39.4

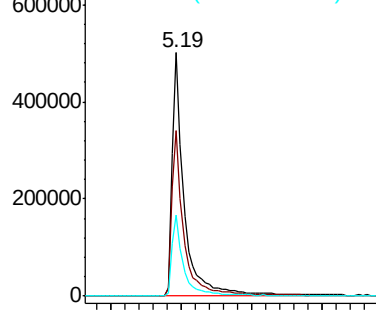


Abundance

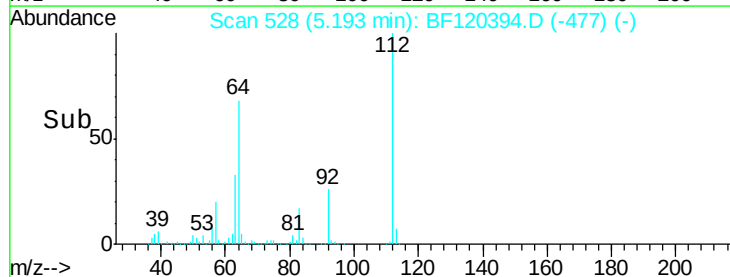
Ion 112.00 (111.70 to 112.70): E

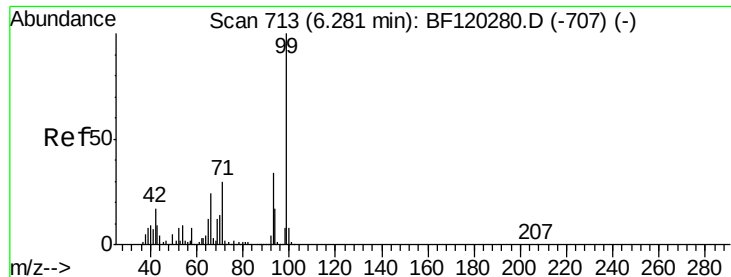
Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 60.591 ng

RT: 6.24 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF120394.D

Acq: 21 May 2020 21:17

Instrument :

BNA_F

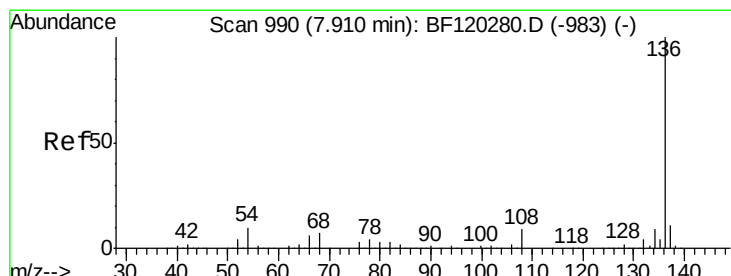
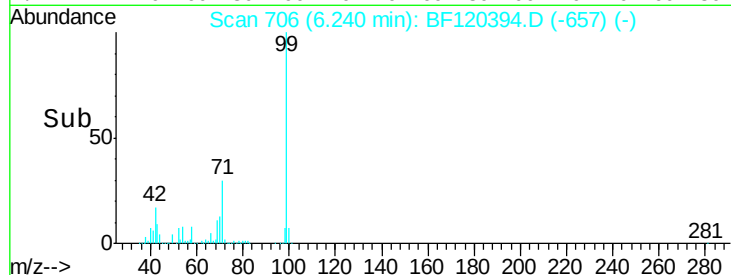
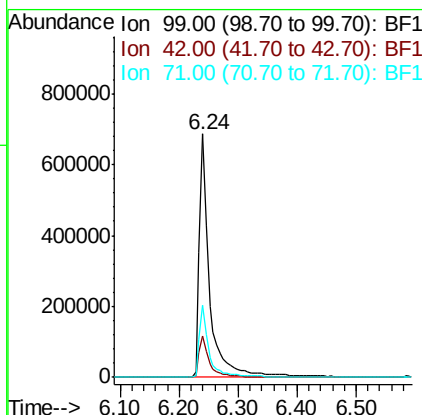
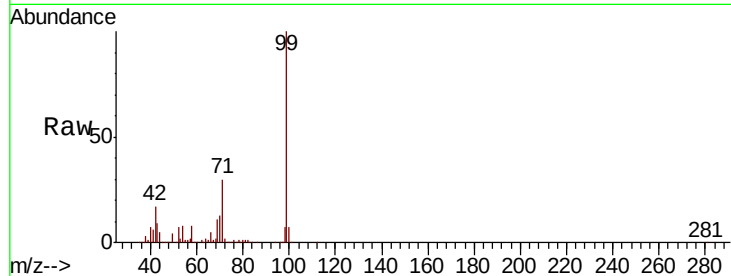
ClientSampleId :

TR-04-052020

Tot Ion:	99	Resp:	830738
Ion Ratio	Lower	Upper	
99	100		
42	17.2	13.6	20.4
71	29.7	24.2	36.4

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#21

Naphthalene-d8

Concen: 20.000 ng

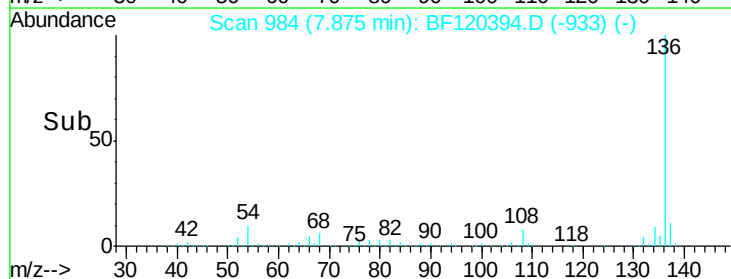
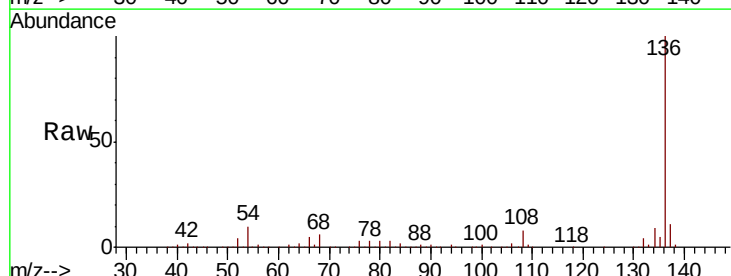
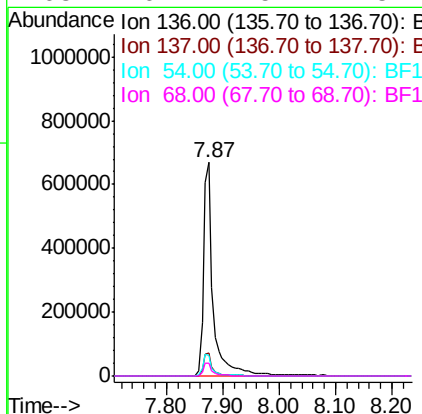
RT: 7.87 min Scan# 984

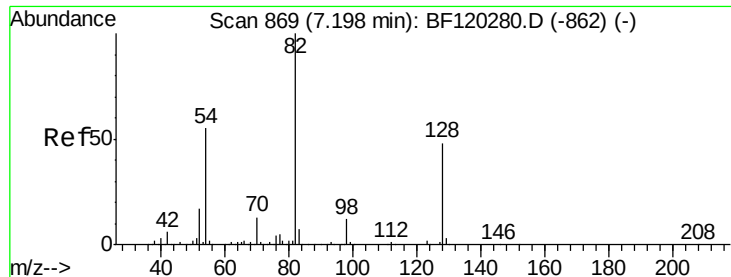
Delta R.T. 0.00 min

Lab File: BF120394.D

Acq: 21 May 2020 21:17

Tgt Ion:	136	Resp:	820911
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.1	13.7
54	9.9	7.9	11.9
68	6.2	5.4	8.2





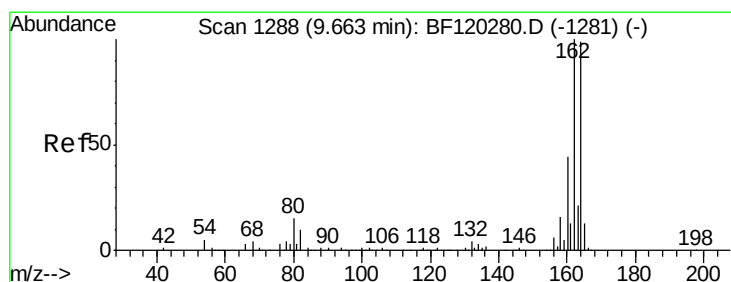
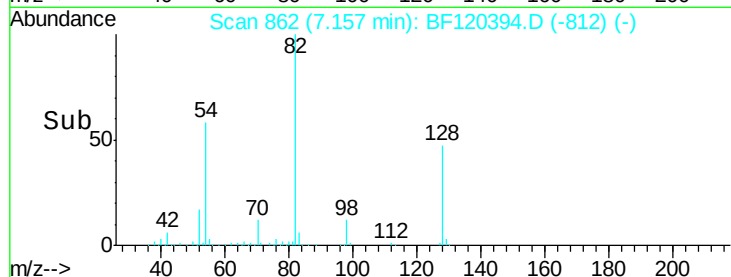
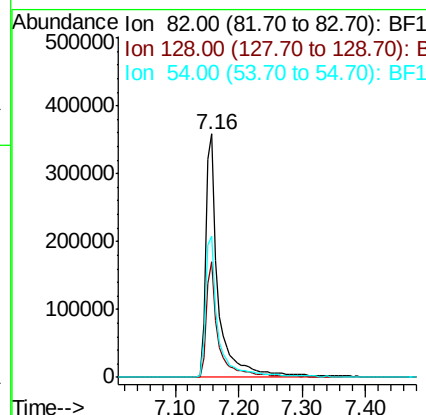
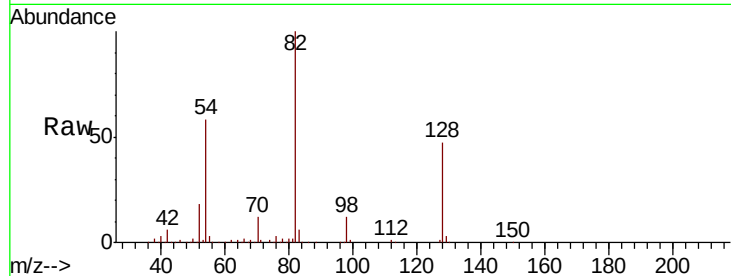
#23
Nitrobenzene-d5
Concen: 40.636 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF120394.D
Acq: 21 May 2020 21:17

Instrument :
BNA_F
ClientSampleId :
TR-04-052020

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	38.3	57.5
54	58.1	43.9	65.9

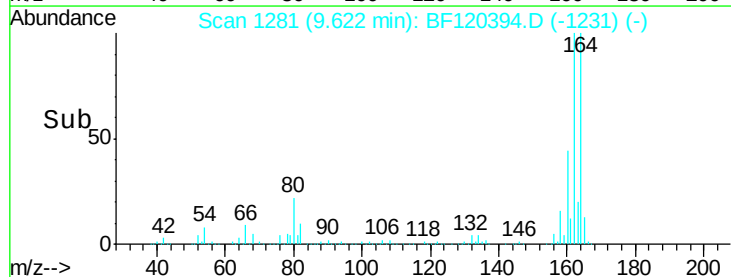
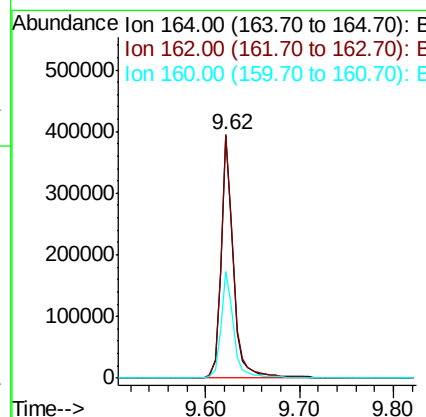
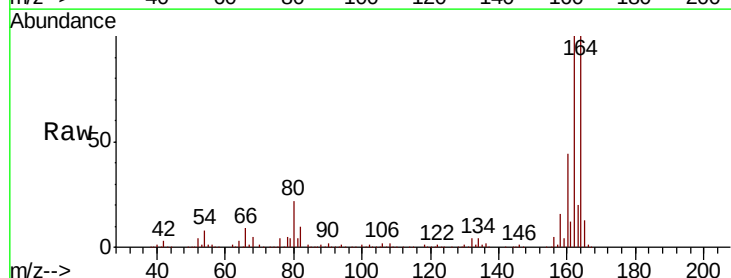
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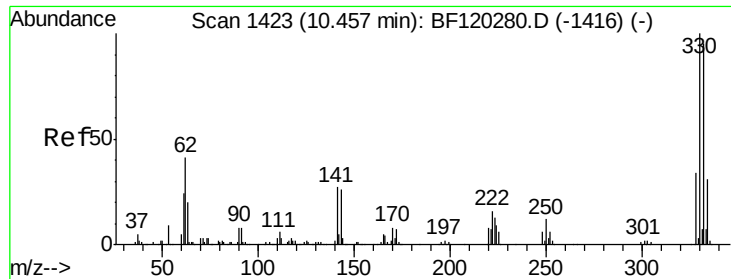
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF120394.D
Acq: 21 May 2020 21:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	81.2	121.8
160	44.1	35.8	53.6





#42

2,4,6-Tribromophenol

Concen: 50.544 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF120394.D

Acq: 21 May 2020 21:17

Instrument :

BNA_F

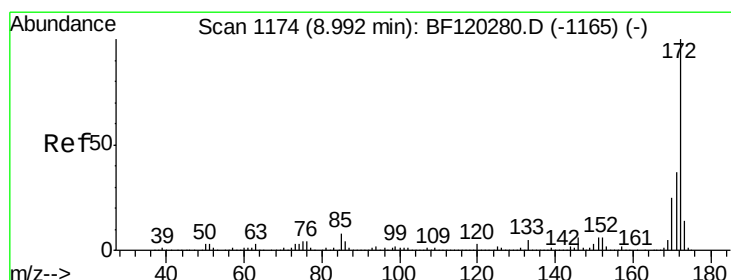
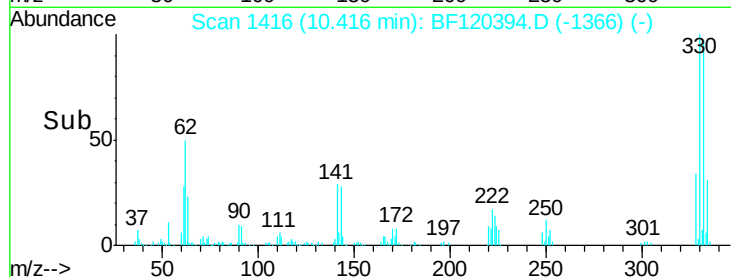
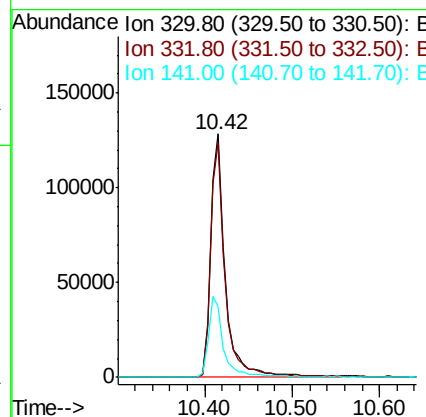
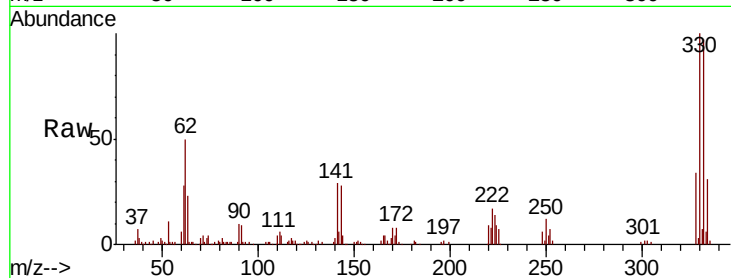
ClientSampleId :

TR-04-052020

Tot Ion:	330	Resp:	149934
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.5	114.7
141	34.5	25.4	38.0

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#45

2-Fluorobiphenyl

Concen: 50.583 ng

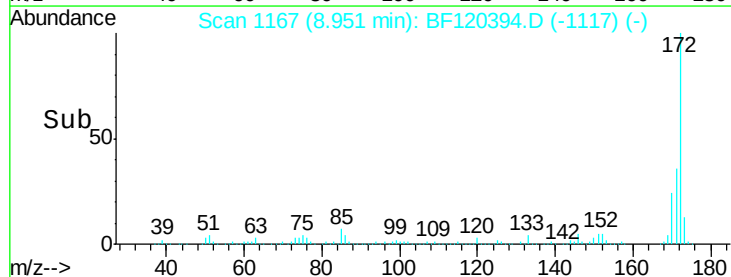
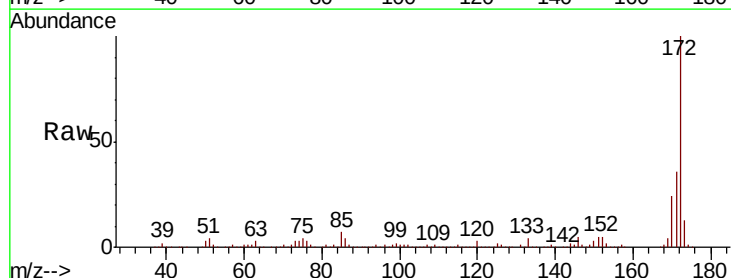
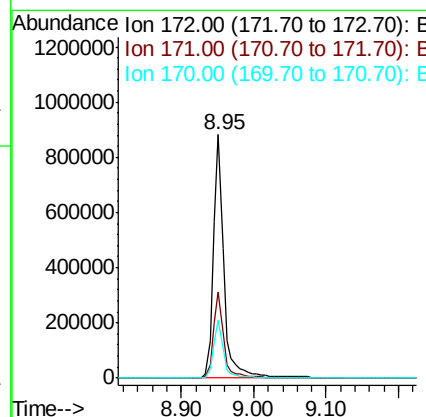
RT: 8.95 min Scan# 1167

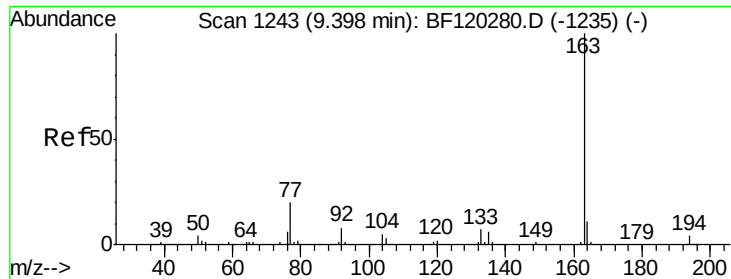
Delta R.T. -0.01 min

Lab File: BF120394.D

Acq: 21 May 2020 21:17

Tgt Ion:	172	Resp:	895757
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.7	44.5
170	23.6	19.9	29.9





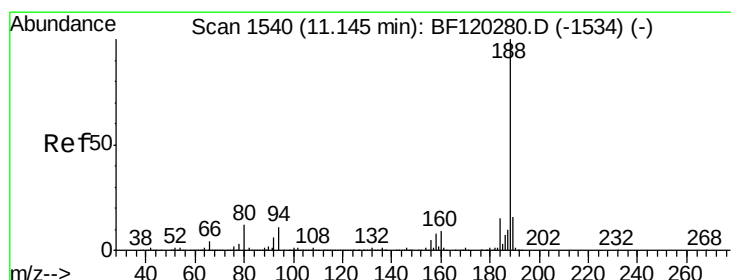
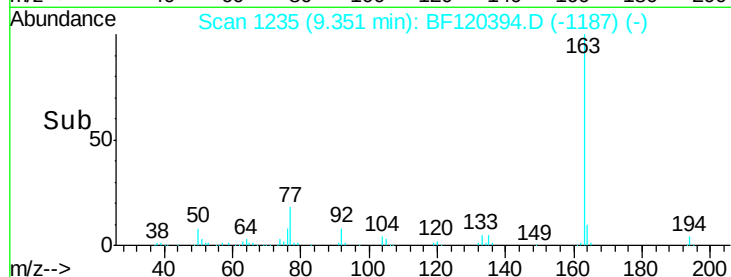
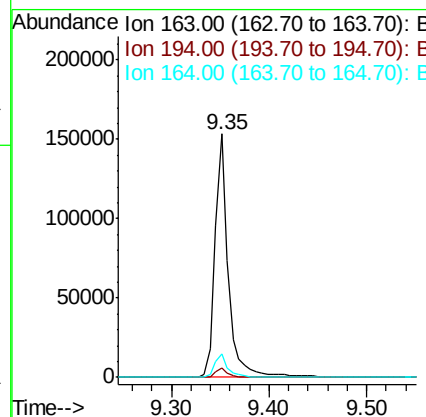
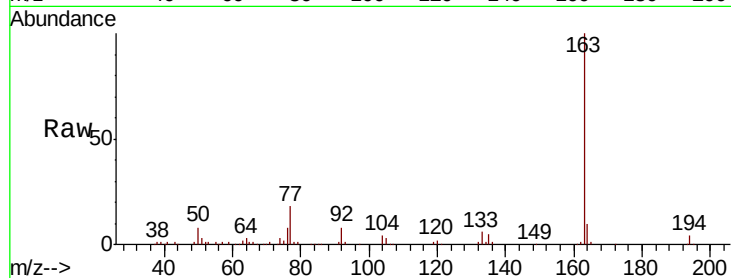
#50
Dimethylphthalate
Concen: 6.336 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.02 min
Lab File: BF120394.D
Acq: 21 May 2020 21:17

Instrument :
BNA_F
ClientSampleId :
TR-04-052020

Tot Ion	Ratio	Resp	Lower	Upper
163	100	145724		
194	3.6		3.1	4.7
164	9.7		8.6	12.8

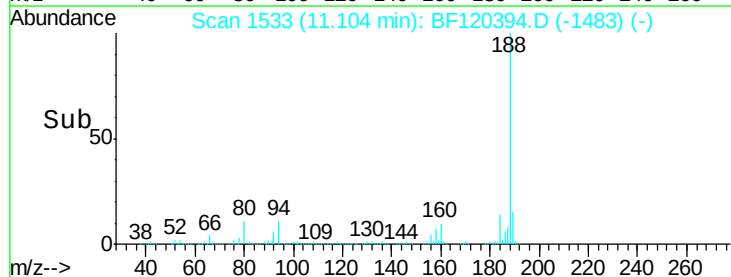
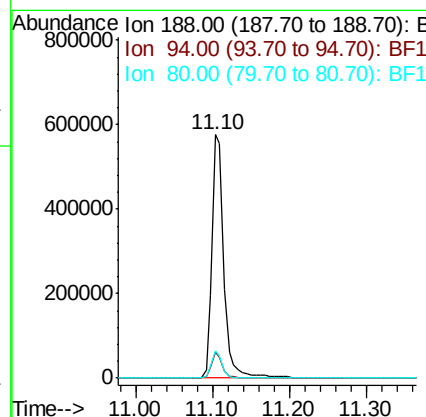
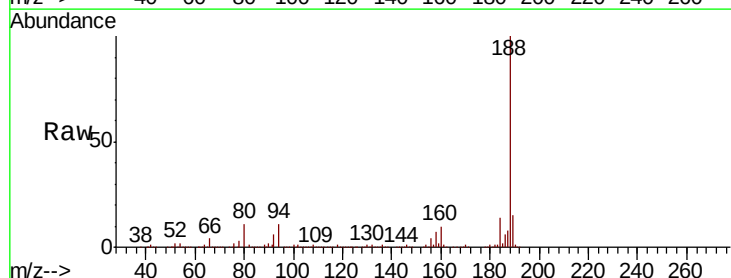
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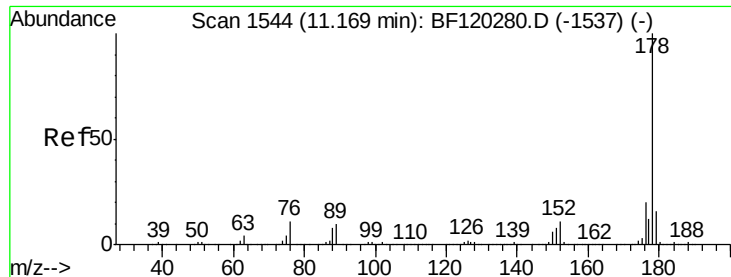
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF120394.D
Acq: 21 May 2020 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	618612		
94	10.7		8.6	13.0
80	11.2		9.2	13.8





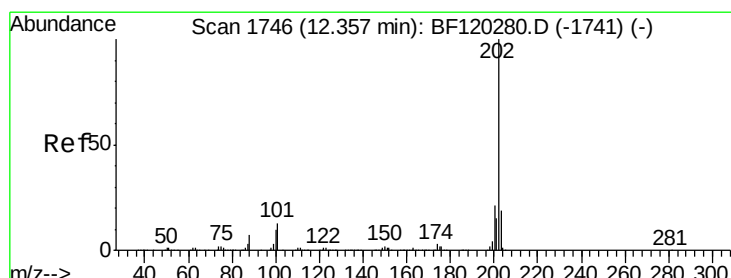
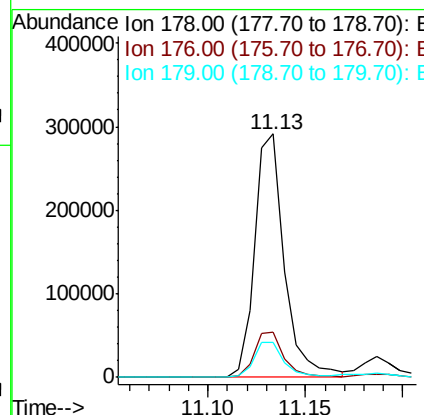
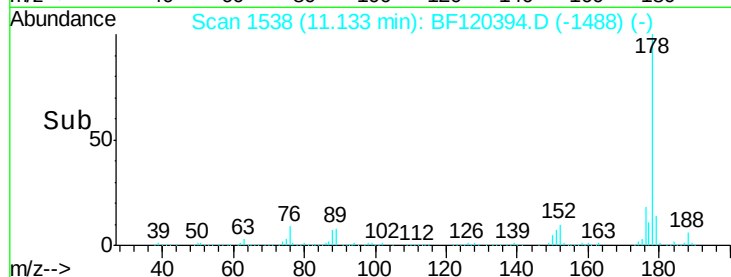
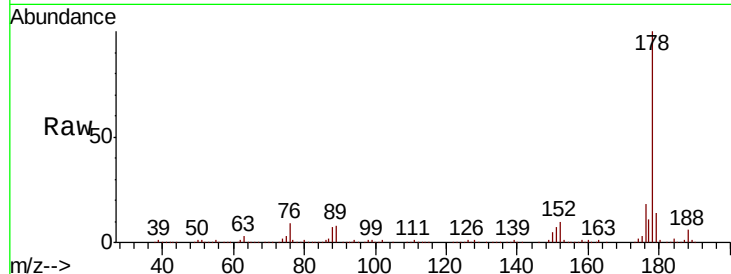
#71
Phenanthrene
Concen: 11.816 ng
RT: 11.13 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BF120394.D
Acq: 21 May 2020 21:17

Instrument :
BNA_F
ClientSampleId :
TR-04-052020

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	14.3	12.8	19.2

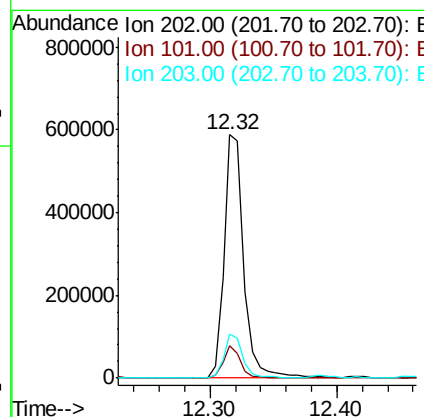
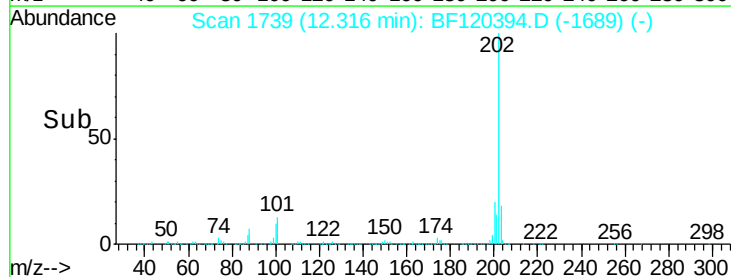
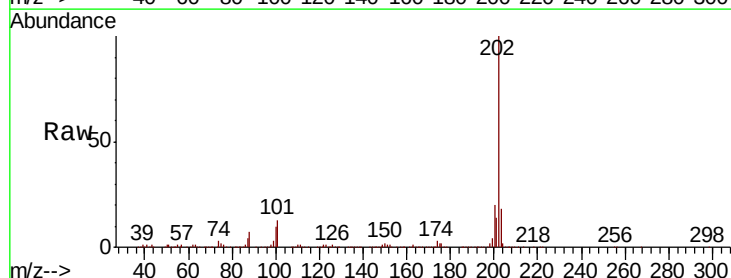
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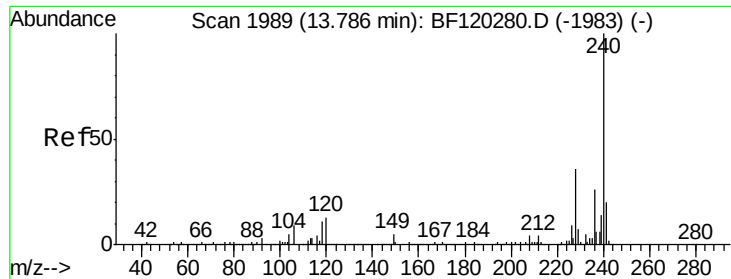
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#75
Fluoranthene
Concen: 22.749 ng
RT: 12.32 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BF120394.D
Acq: 21 May 2020 21:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	18.3	0.0	39.1





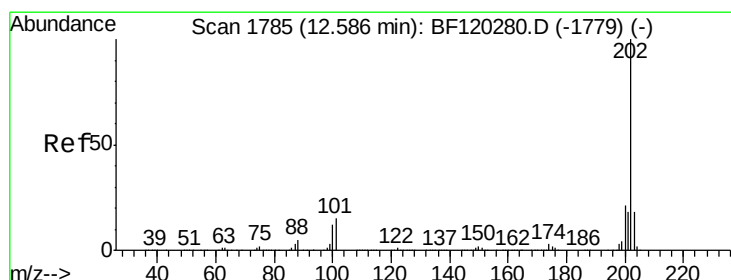
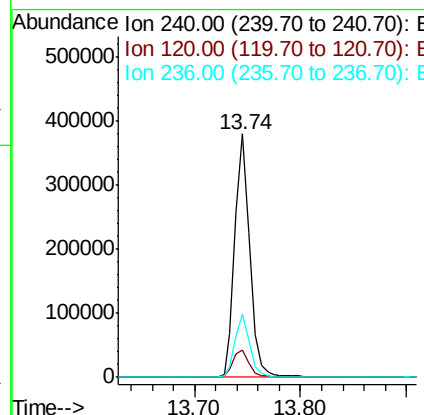
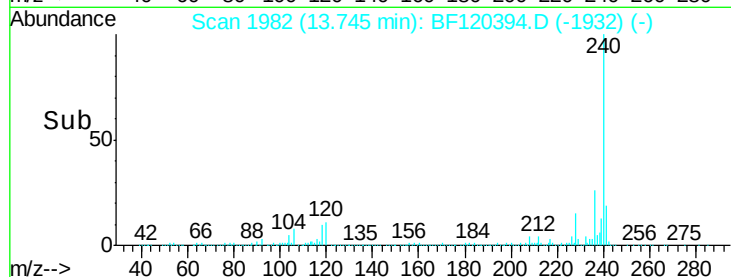
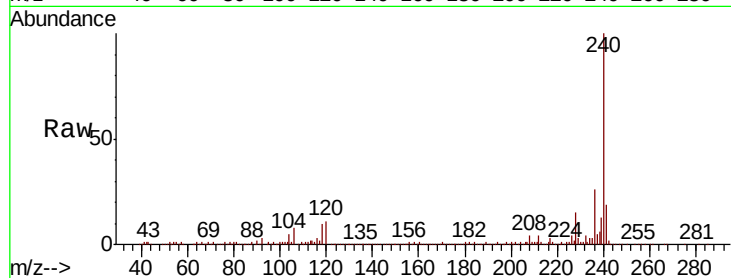
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BF120394.D
Acq: 21 May 2020 21:17

Instrument :
BNA_F
ClientSampleId :
TR-04-052020

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.4	15.6
236	25.9	21.0	31.6

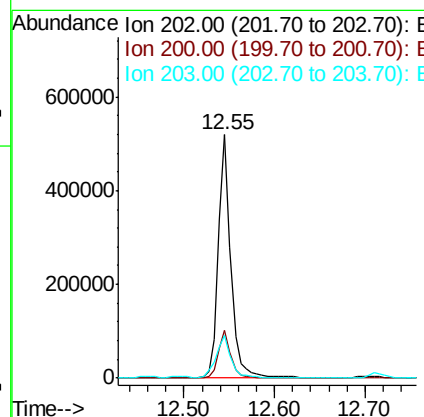
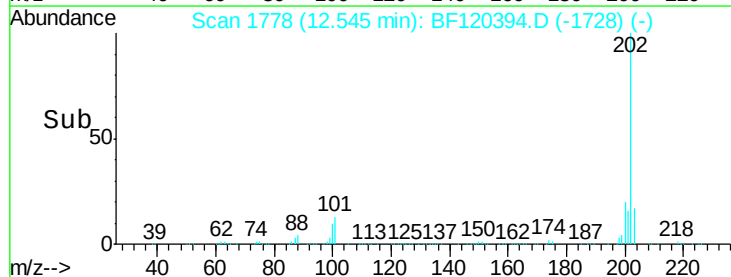
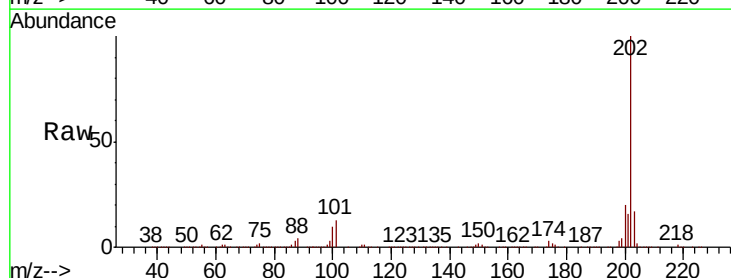
Manual Integrations
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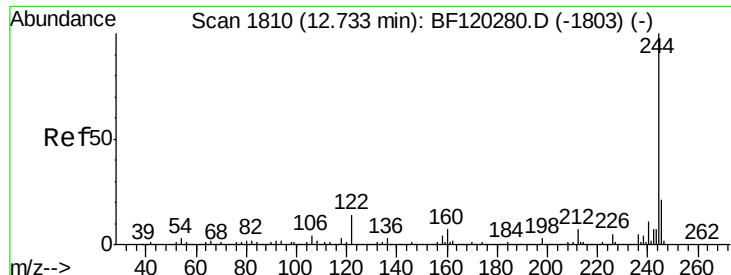
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#78
Pyrene
Concen: 18.935 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BF120394.D
Acq: 21 May 2020 21:17

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.6	25.0
203	17.5	14.6	22.0





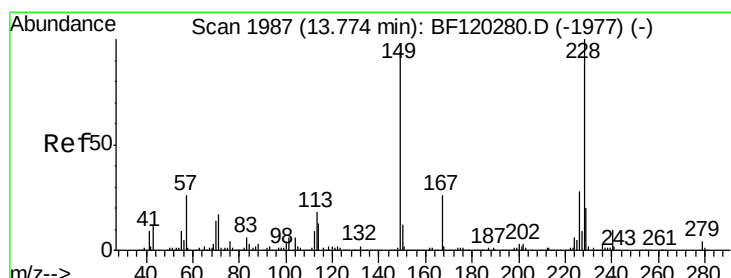
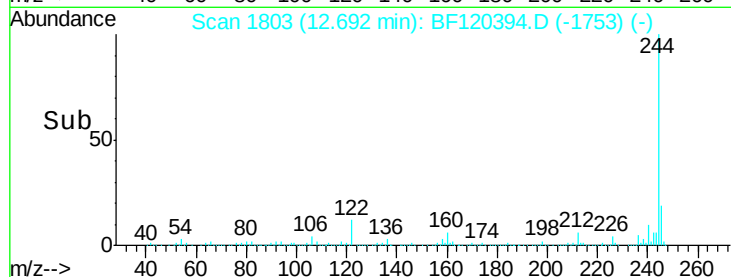
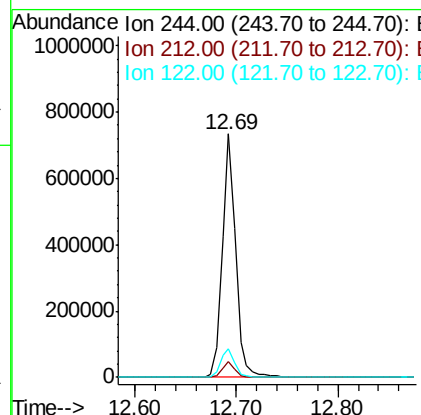
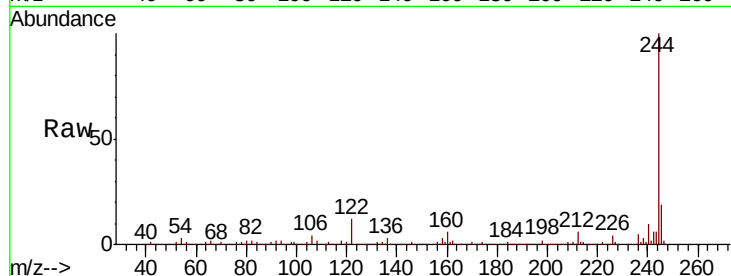
#79
 Terphenyl-d14
 Concen: 39.908 ng
 RT: 12.69 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BF120394.D
 Acq: 21 May 2020 21:17

Instrument :
 BNA_F
 ClientSampleID :
 TR-04-052020

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.8	8.6
122	11.8	10.8	16.2

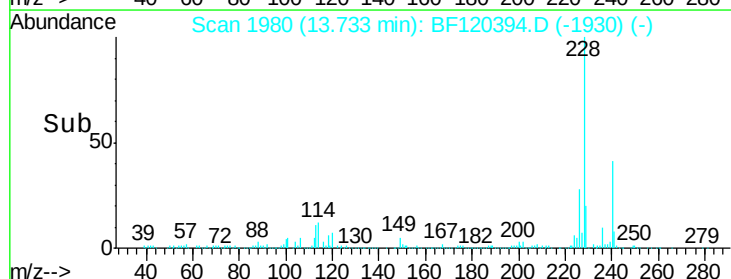
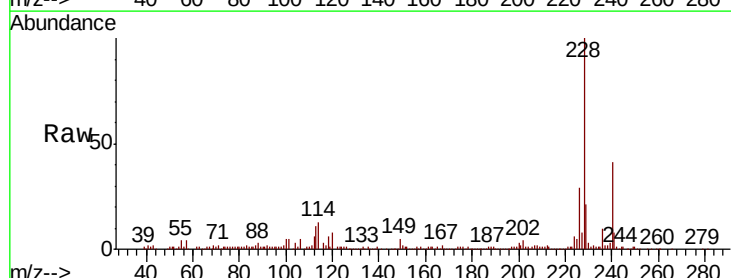
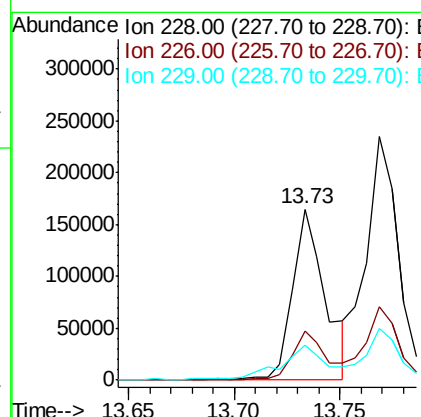
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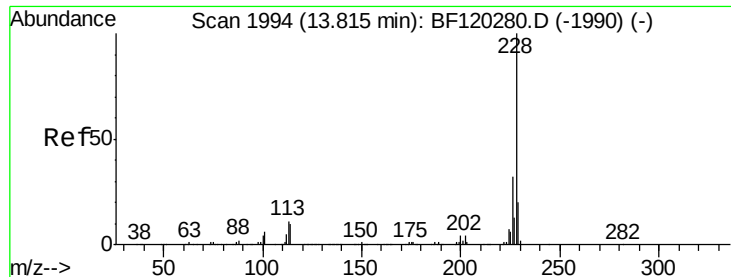
mohammad
 5/22/2020 2:56:00 PM



#81
 Benzo(a)anthracene
 Concen: 9.030 ng
 RT: 13.73 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BF120394.D
 Acq: 21 May 2020 21:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	20.8	16.4	24.6





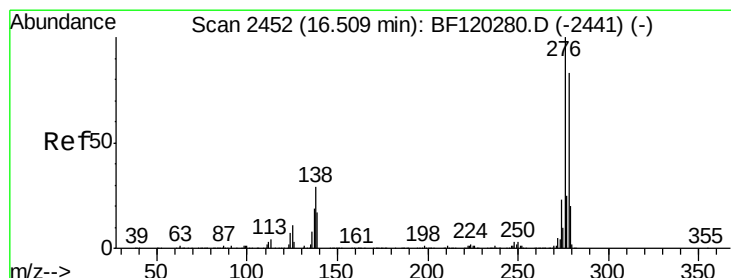
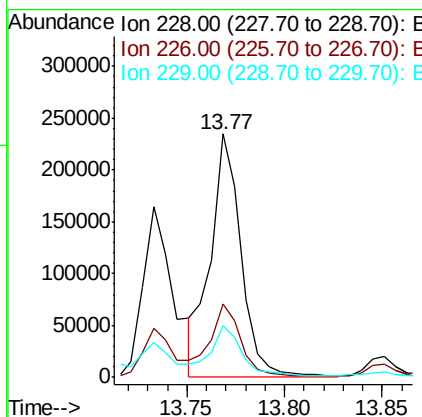
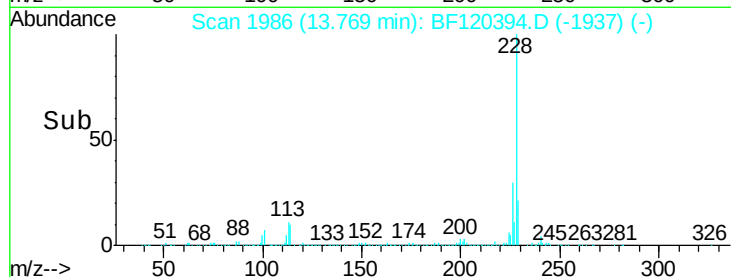
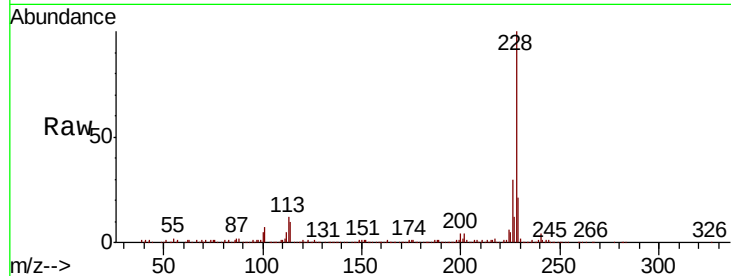
#83
Chrysene
Concen: 12.058 ng
RT: 13.77 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF120394.D
Acq: 21 May 2020 21:17

Instrument :
BNA_F
ClientSampleId :
TR-04-052020

Tot Ion:	228	Resp:	253793
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.0	37.6
229	21.3	16.2	24.4

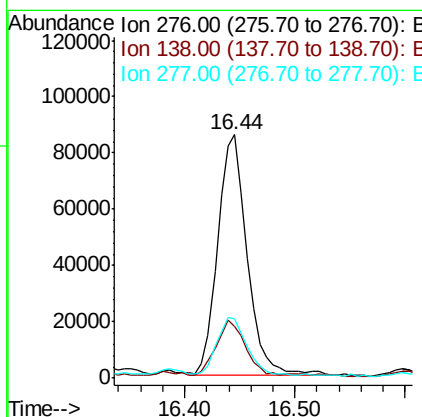
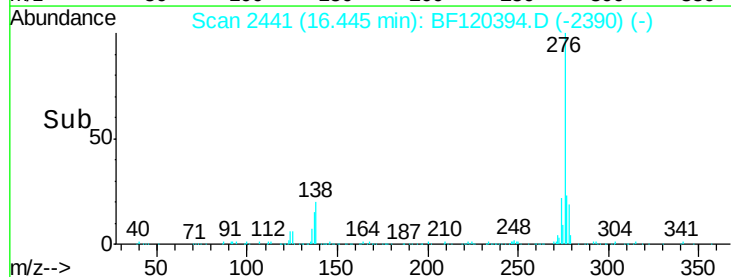
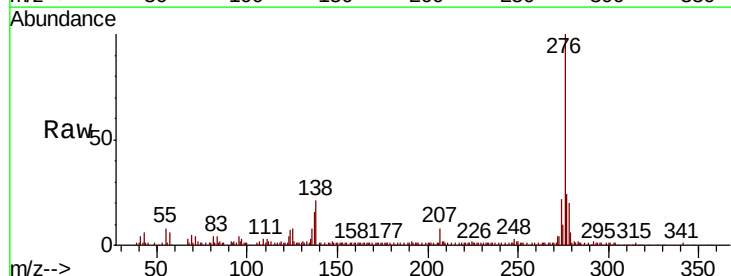
Manual Integrations
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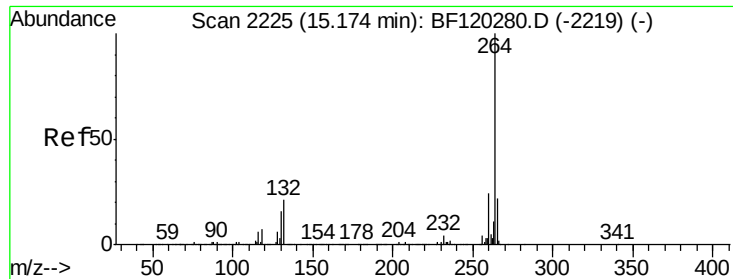
mohammad
5/22/2020 2:56:00 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 8.270 ng
RT: 16.44 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BF120394.D
Acq: 21 May 2020 21:17

Tgt Ion:	276	Resp:	157982
Ion Ratio	Lower	Upper	
276	100		
138	22.0	23.3	34.9#
277	23.9	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.13 min Scan# 2218

Delta R.T. 0.00 min

Lab File: BF120394.D

Acq: 21 May 2020 21:17

Instrument :

BNA_F

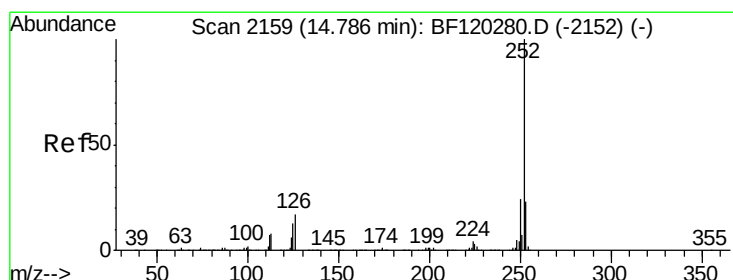
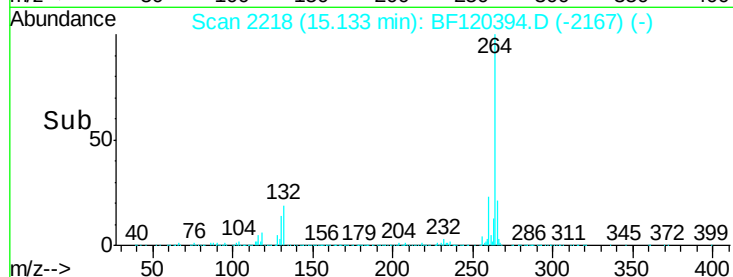
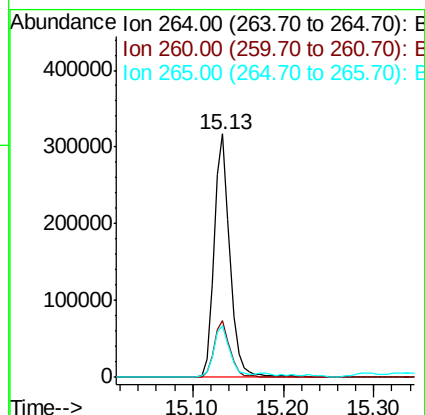
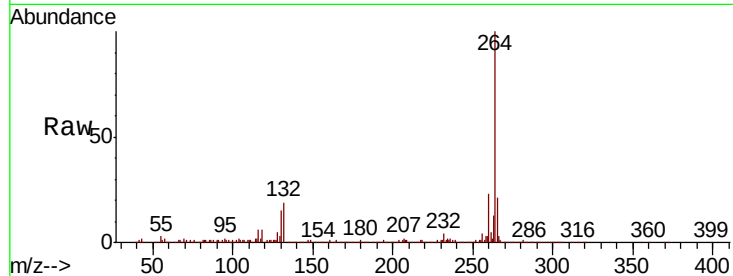
ClientSampleId :

TR-04-052020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.1	19.0	28.6		
265	21.3	17.5	26.3		

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#88

Benzo(b)fluoranthene

Concen: 15.082 ng m

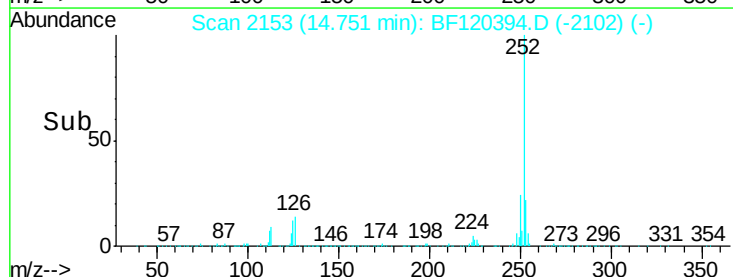
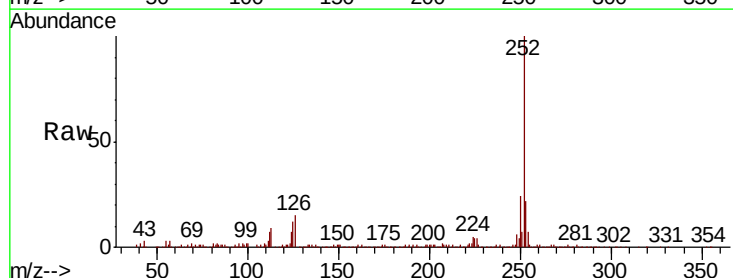
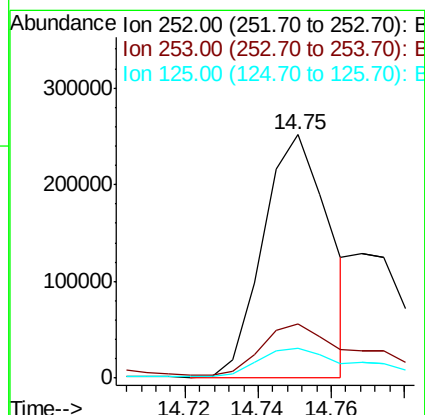
RT: 14.75 min Scan# 2153

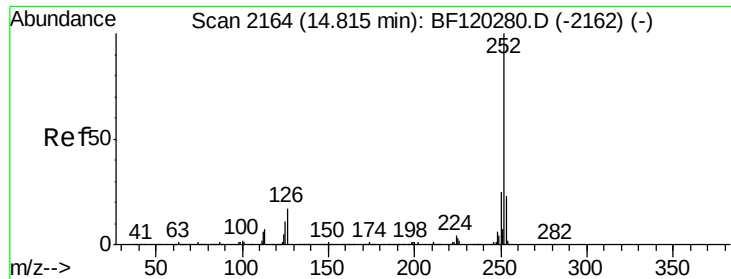
Delta R.T. 0.00 min

Lab File: BF120394.D

Acq: 21 May 2020 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.2	18.1	27.1		
125	12.4	10.4	15.6		





#89

Benzo(k)fluoranthene

Concen: 7.082 ng

RT: 14.77 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BF120394.D

Acq: 21 May 2020 21:17

Instrument :

BNA_F

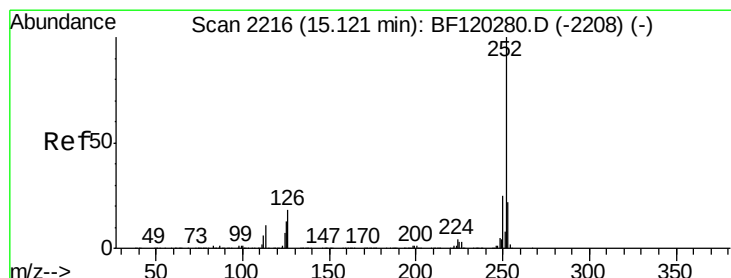
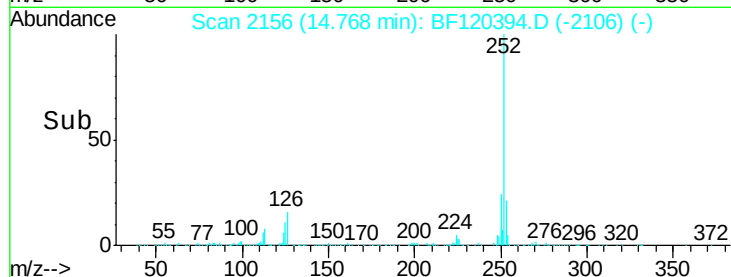
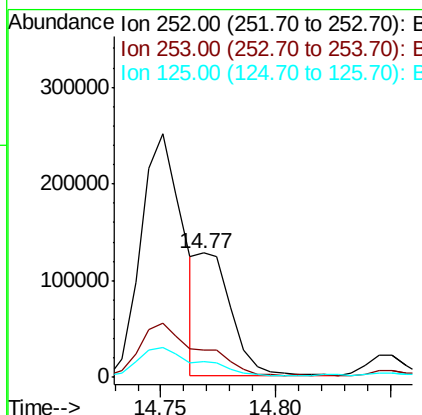
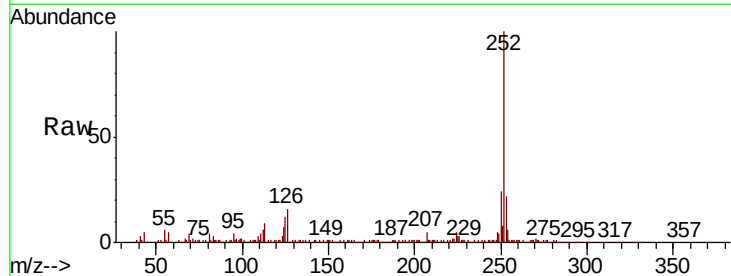
ClientSampleId :

TR-04-052020

Tot Ion:	252	Resp:	128422
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.2	27.2
125	12.3	9.9	14.9

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#90

Benzo(a)pyrene

Concen: 11.906 ng

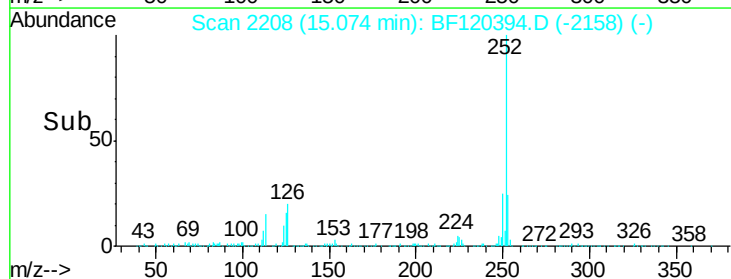
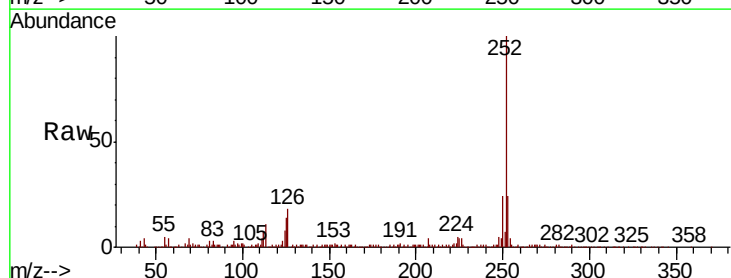
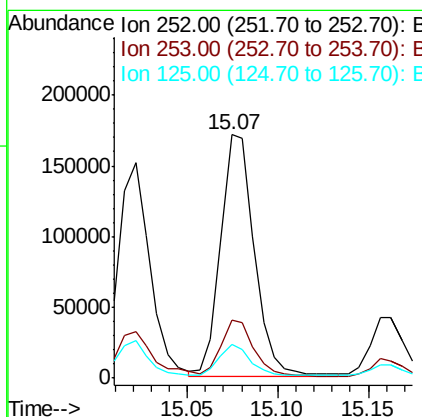
RT: 15.07 min Scan# 2208

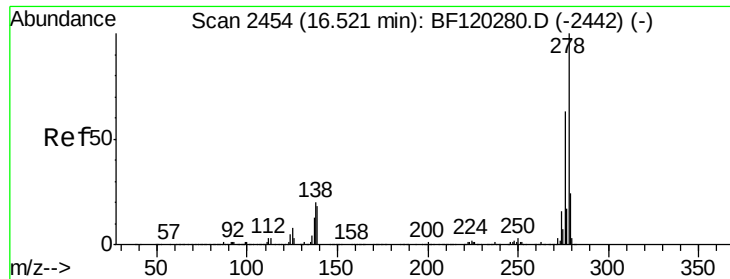
Delta R.T. -0.01 min

Lab File: BF120394.D

Acq: 21 May 2020 21:17

Tgt Ion:	252	Resp:	223497
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.6	26.4
125	13.8	10.6	16.0





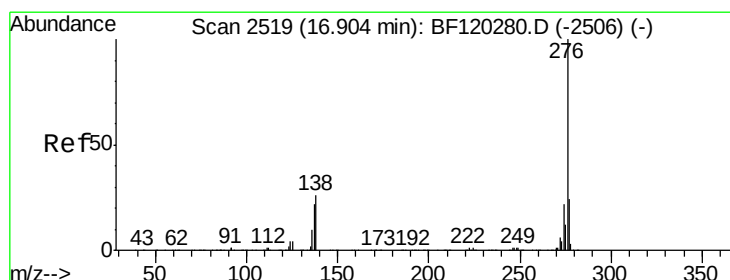
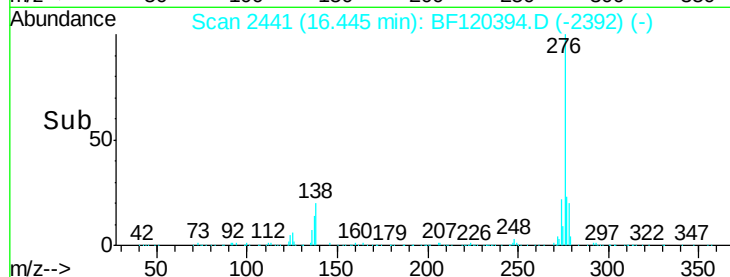
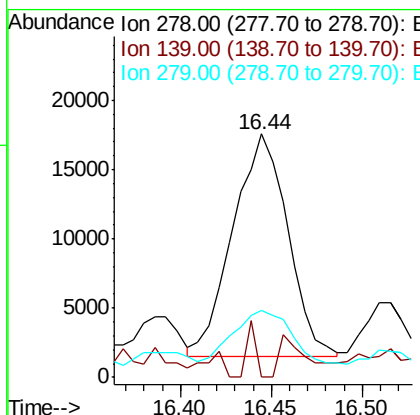
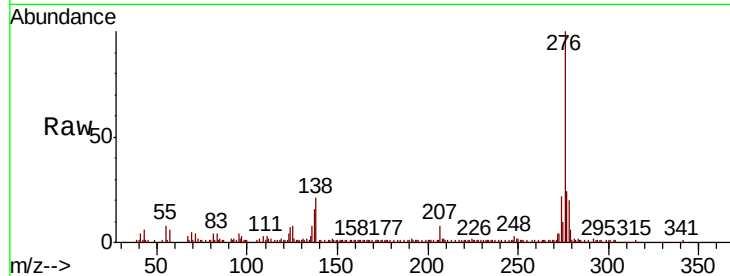
#91
Dibenzo(a,h)anthracene
Concen: 2.025 ng/mL
RT: 16.44 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BF120394.D
Acq: 21 May 2020 21:17

Instrument :
BNA_F
ClientSampleId :
TR-04-052020

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.7	22.1#
279	27.8	19.2	28.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 9.706 ng/mL
RT: 16.83 min Scan# 2507
Delta R.T. 0.00 min
Lab File: BF120394.D
Acq: 21 May 2020 21:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	22.8	20.8	31.2

