

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
 Data File : BF120426.D
 Acq On : 28 May 2020 23:49
 Operator : MA/SJ
 Sample : L2746-10 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM29-COMP-2020-0-6

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Quant Time: May 29 05:43:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 13:47:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	203467	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	715033	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	321797	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	561882	20.00	ng	0.00
76) Chrysene-d12	14.00	240	510895	20.00	ng	0.00
86) Perylene-d12	15.45	264	450218	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	547376	51.27	ng	0.00
7) Phenol-d6	6.46	99	667103	50.69	ng	0.00
23) Nitrobenzene-d5	7.40	82	401211	36.70	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	150925	50.62	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	797196	42.03	ng	0.00
79) Terphenyl-d14	12.94	244	806881	35.14	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	9.59	163	102196	5.08	ng	100
71) Phenanthrene	11.38	178	61548	2.49	ng	99
75) Fluoranthene	12.57	202	140689	5.28	ng	97
78) Pyrene	12.80	202	130126	3.66	ng	97
81) Benzo(a)anthracene	13.99	228	78172	2.85	ng	100
83) Chrysene	14.02	228	61785	2.15	ng	97
88) Benzo(b)fluoranthene	15.03	252	82049m	3.28	ng	
90) Benzo(a)pyrene	15.39	252	55943	2.56	ng	97

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

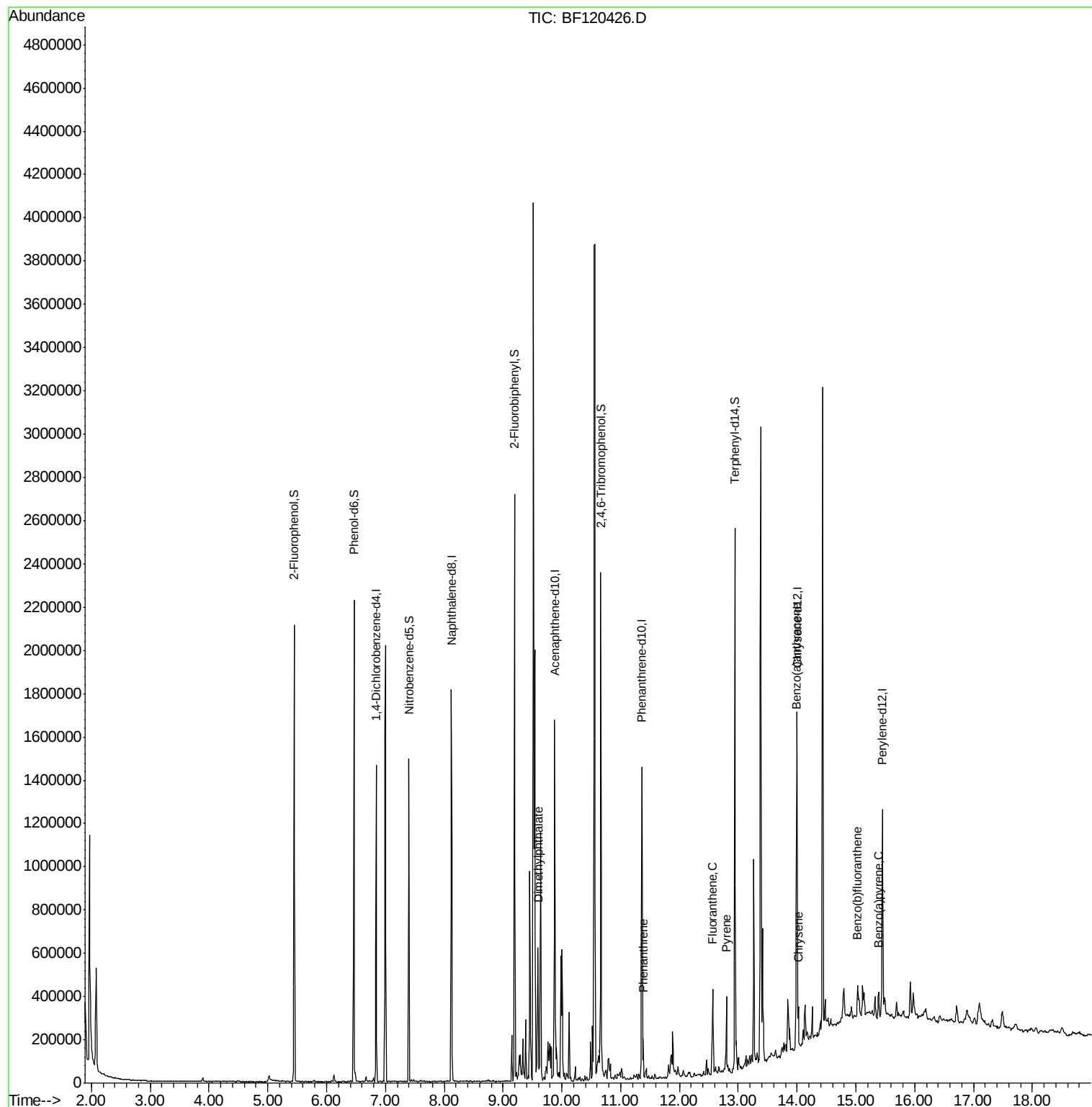
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052820\
Data File : BF120426.D
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ALS Vial : 22 Sample Multiplier: 1

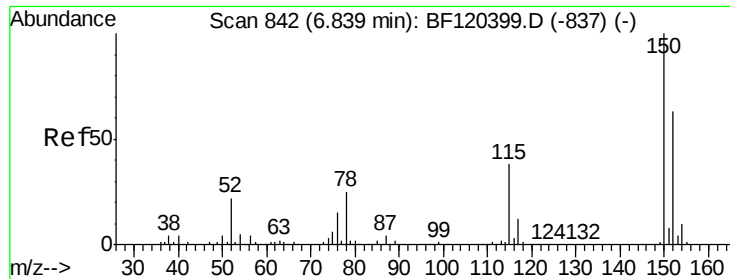
Instrument :
BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF052820.M
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QLast Update : Thu May 28 13:47:54 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF120426.D

Acq: 28 May 2020 23:49

Instrument :

BNA_F

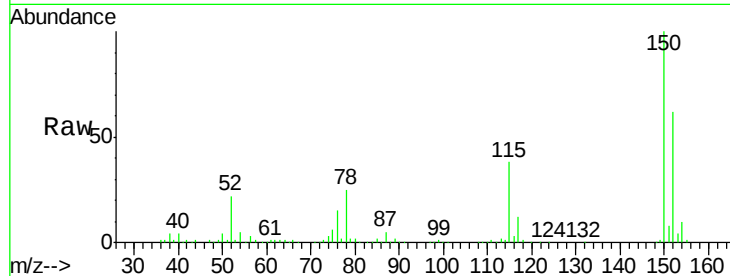
ClientSampleId :

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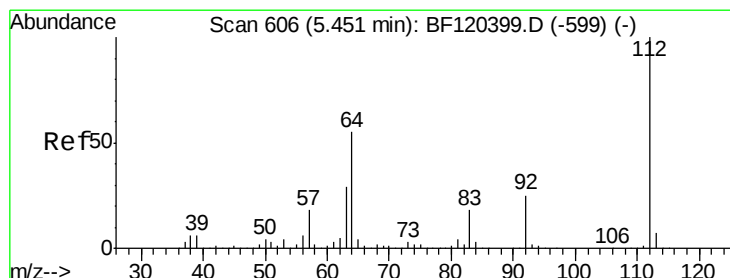
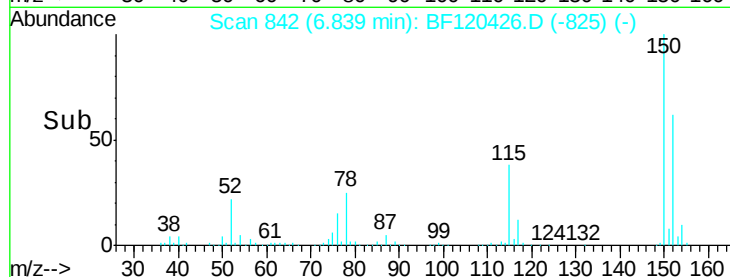
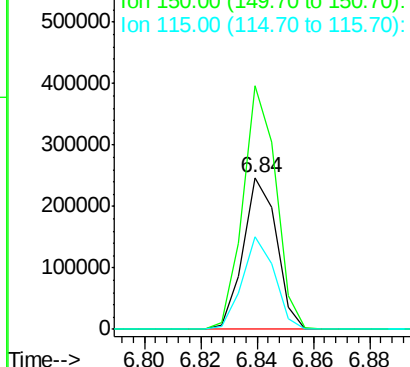
Tgt Ion:	152	Resp:	203467
Ion Ratio	Lower	Upper	
152	100		
150	160.6	126.5	189.7
115	61.3	47.6	71.4

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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: 51.27 ng

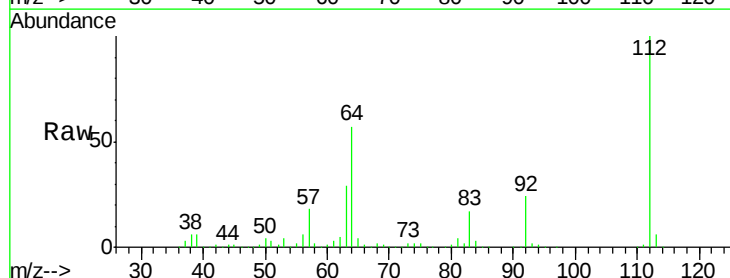
RT: 5.45 min Scan# 606

Delta R.T. -0.00 min

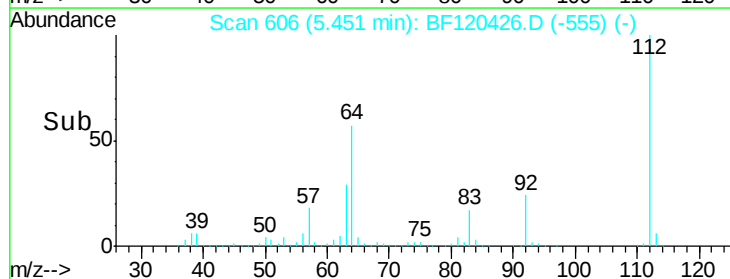
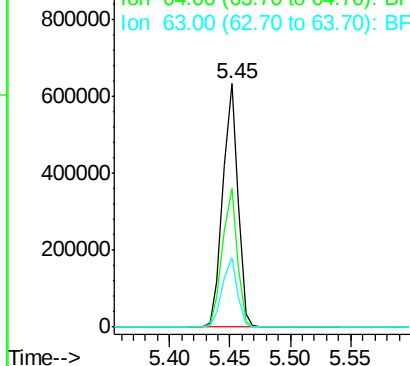
Lab File: BF120426.D

Acq: 28 May 2020 23:49

Tgt Ion:	112	Resp:	547376
Ion Ratio	Lower	Upper	
112	100		
64	56.9	44.3	66.5
63	28.5	22.9	34.3



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: 50.69 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.01 min

Lab File: BF120426.D

Acq: 28 May 2020 23:49

Instrument :

BNA_F

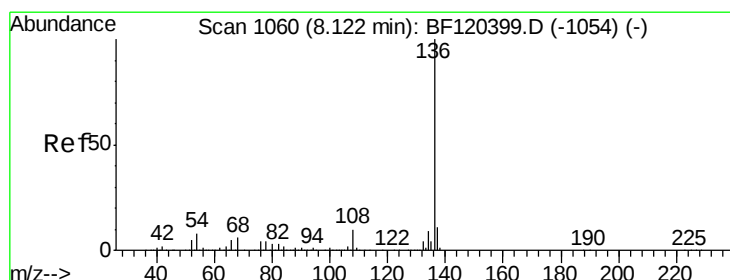
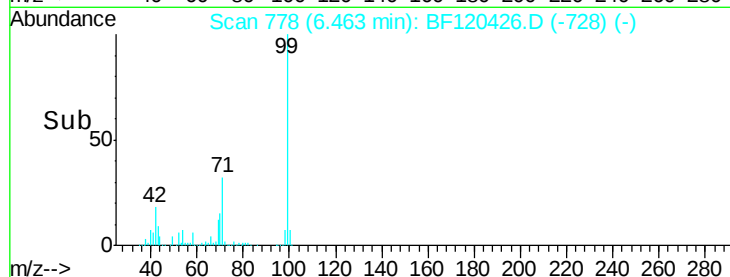
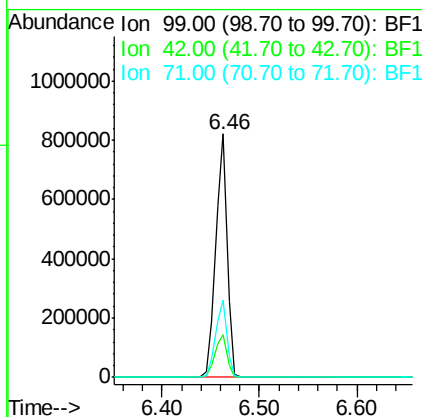
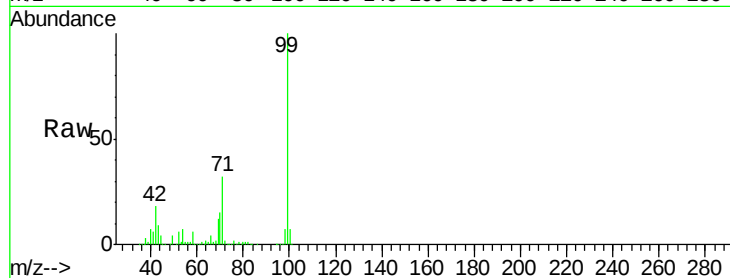
ClientSampleId :

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Tgt Ion:	99	Resp:	667103
Ion Ratio	Lower	Upper	
99	100		
42	17.7	15.2	22.8
71	31.5	25.6	38.4

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#21

Naphthalene-d8

Concen: 20.00 ng

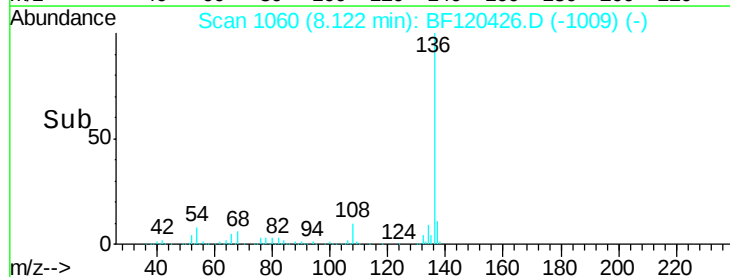
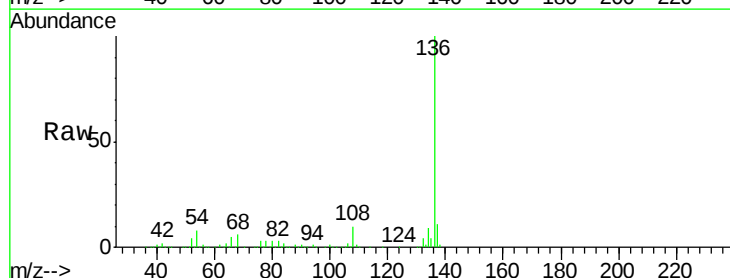
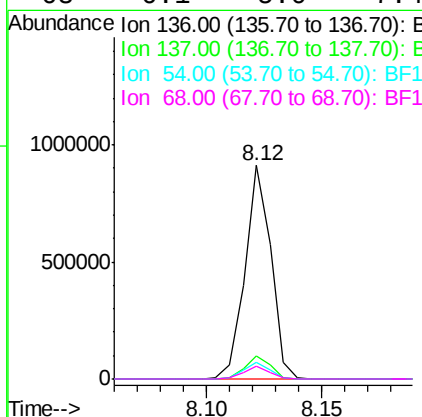
RT: 8.12 min Scan# 1060

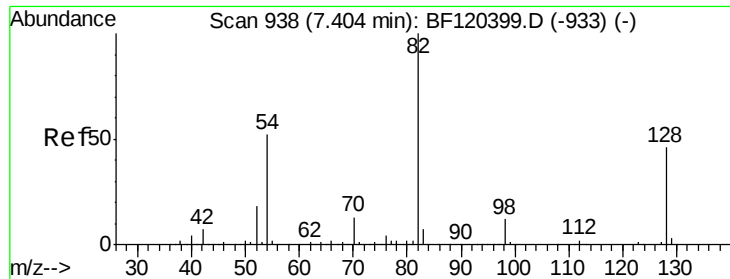
Delta R.T. -0.00 min

Lab File: BF120426.D

Acq: 28 May 2020 23:49

Tgt Ion:	136	Resp:	715033
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.1	13.7
54	8.0	6.7	10.1
68	6.1	5.0	7.4





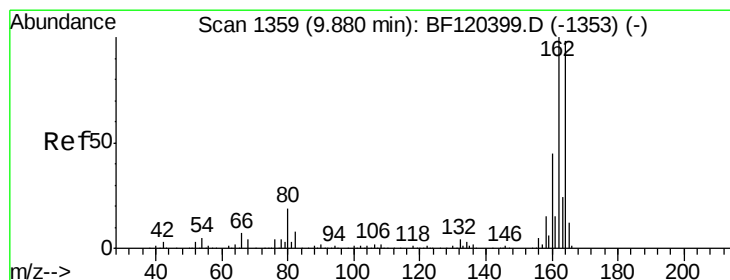
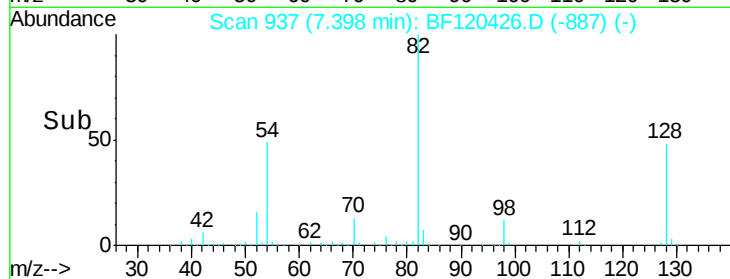
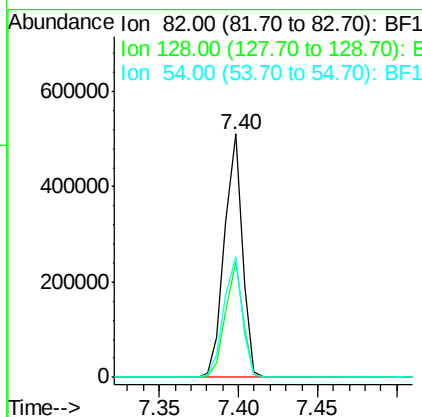
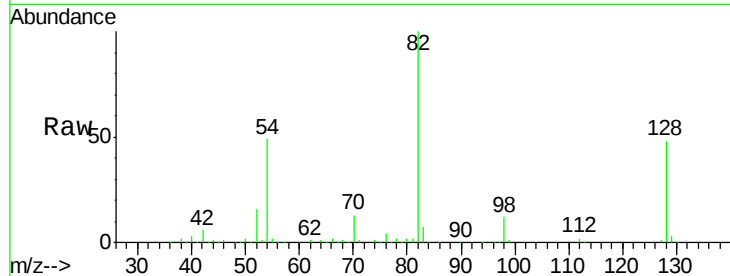
#23
 Nitrobenzene-d5
 Concen: 36.70 ng
 RT: 7.40 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF120426.D
 Acq: 28 May 2020 23:49

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	401211		
128	47.7	36.8	55.2	
54	49.4	41.6	62.4	

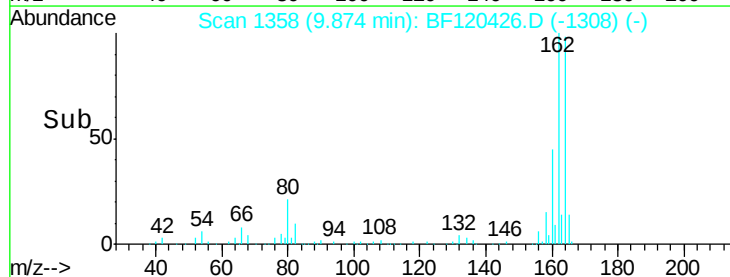
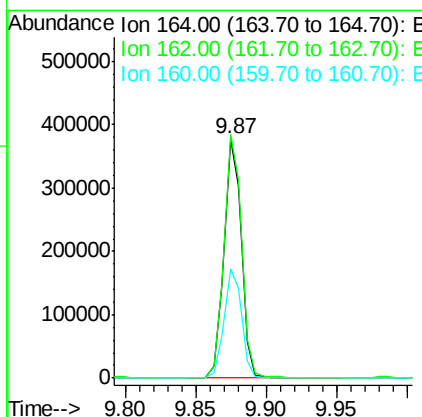
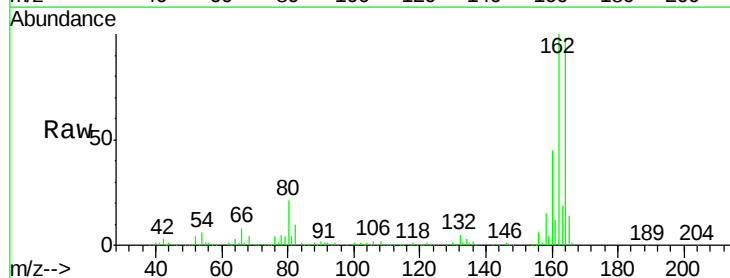
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#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.87 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF120426.D
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Tgt Ion	Ratio	Resp	Lower	Upper
164	100	321797		
162	101.8	81.3	121.9	
160	45.8	36.9	55.3	





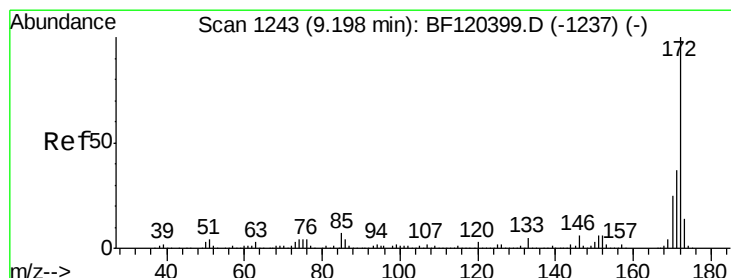
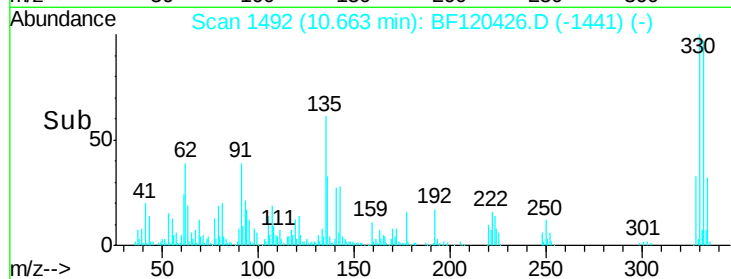
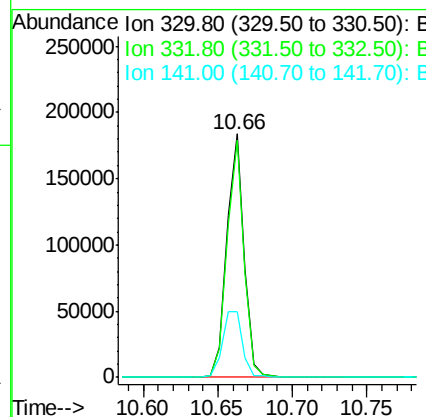
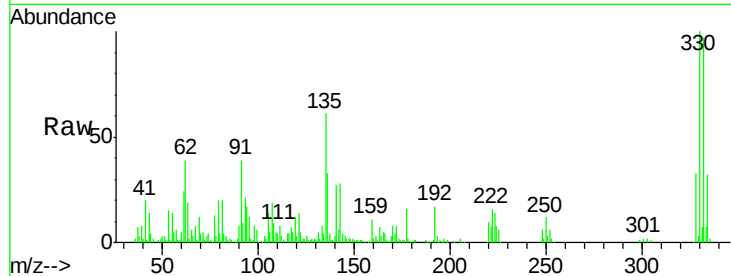
#42
 2,4,6-Tribromophenol
 Concen: 50.62 ng
 RT: 10.66 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BF120426.D
 Acq: 28 May 2020 23:49

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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	150925		
332	96.3	77.0	115.6	
141	31.4	25.3	37.9	

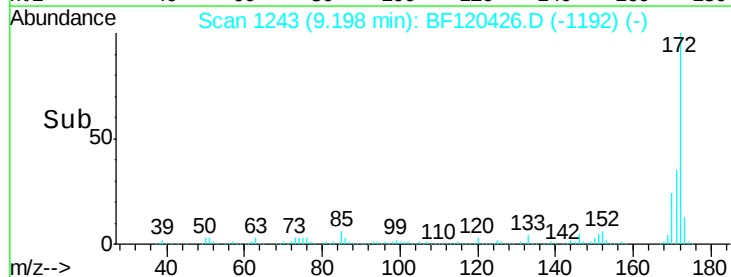
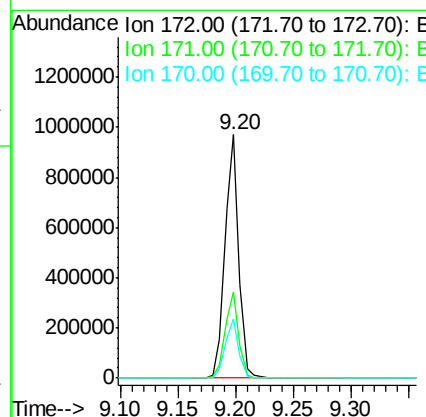
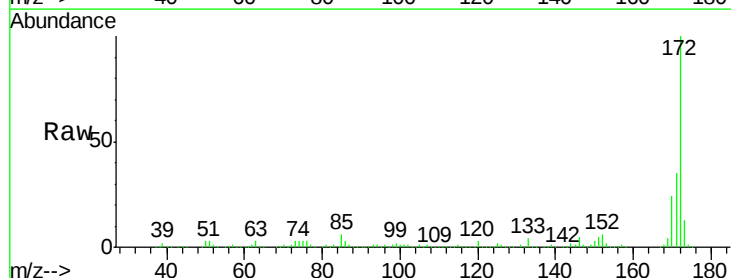
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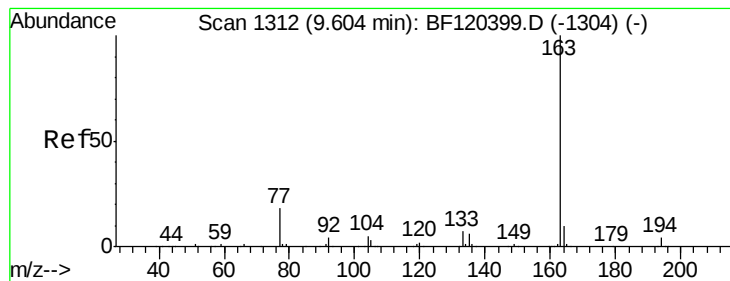
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#45
 2-Fluorobiphenyl
 Concen: 42.03 ng
 RT: 9.20 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF120426.D
 Acq: 28 May 2020 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	797196		
171	35.3	29.7	44.5	
170	24.1	19.9	29.9	





#50

Dimethylphthalate

Concen: 5.08 ng

RT: 9.59 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF120426.D

Acq: 28 May 2020 23:49

Instrument :

BNA_F

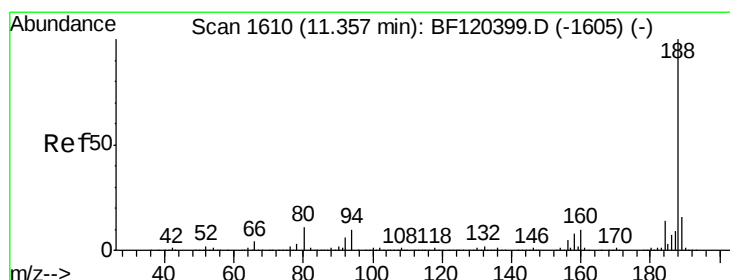
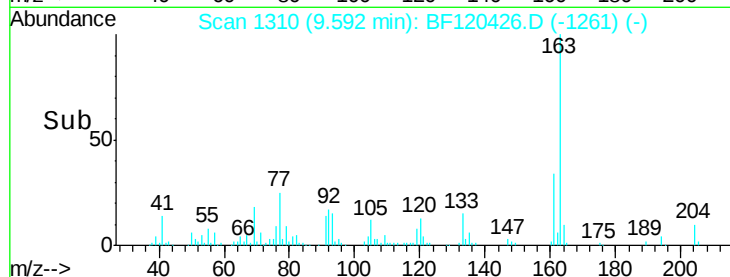
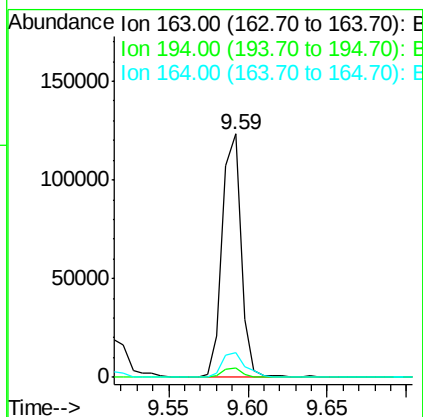
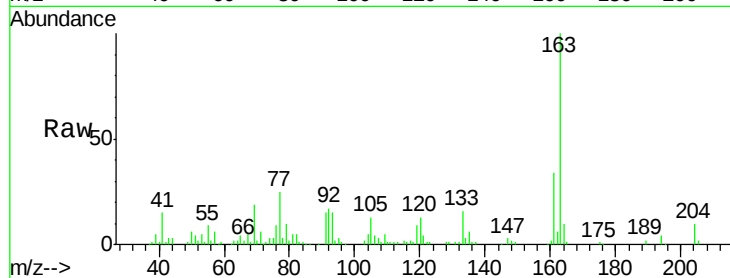
ClientSampleId :

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Tgt Ion:	163	Resp:	102196
Ion Ratio		Lower	Upper
163	100		
194	3.7	3.3	4.9
164	10.4	8.3	12.5

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#64

Phenanthrene-d10

Concen: 20.00 ng

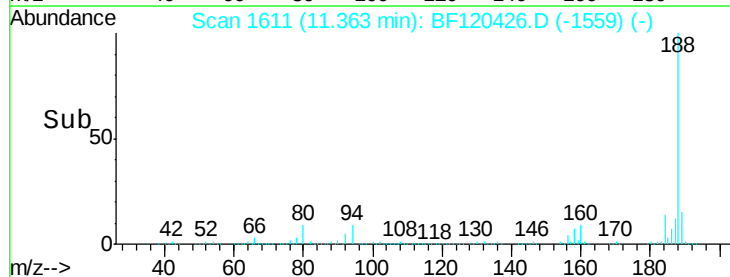
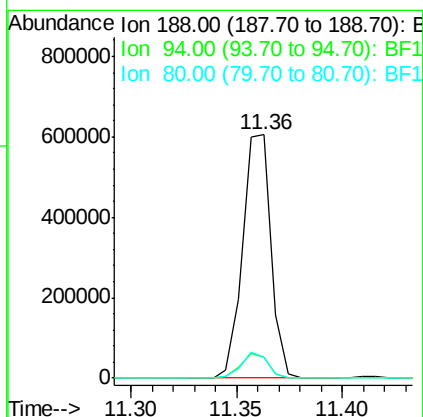
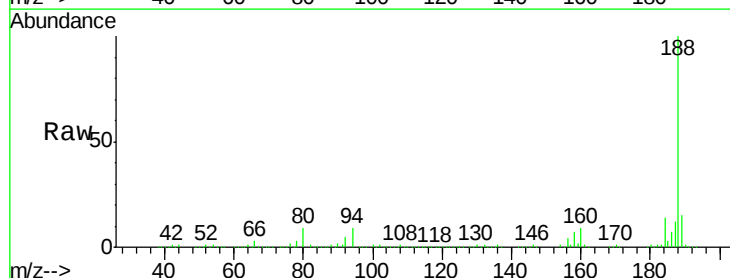
RT: 11.36 min Scan# 1611

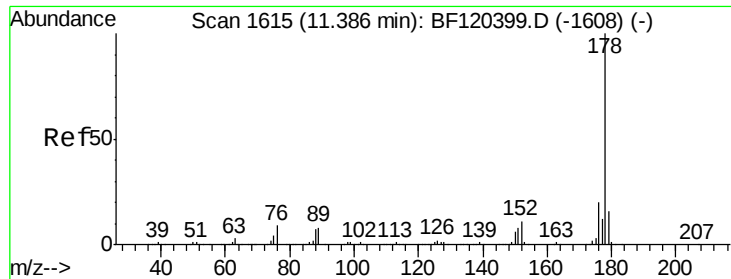
Delta R.T. 0.01 min

Lab File: BF120426.D

Acq: 28 May 2020 23:49

Tgt Ion:	188	Resp:	561882
Ion Ratio		Lower	Upper
188	100		
94	8.7	7.9	11.9
80	8.6	8.6	13.0#





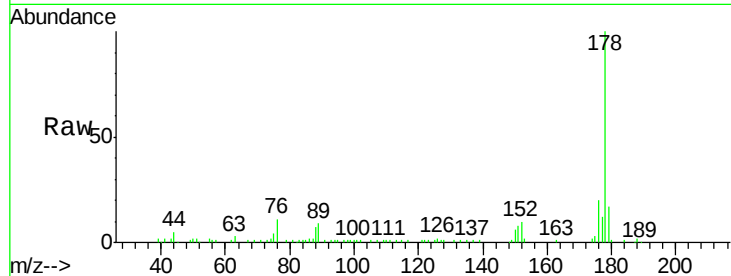
#71
Phenanthrene
Concen: 2.49 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120426.D
Acq: 28 May 2020 23:49

Instrument :
BNA_F
ClientSampleId :
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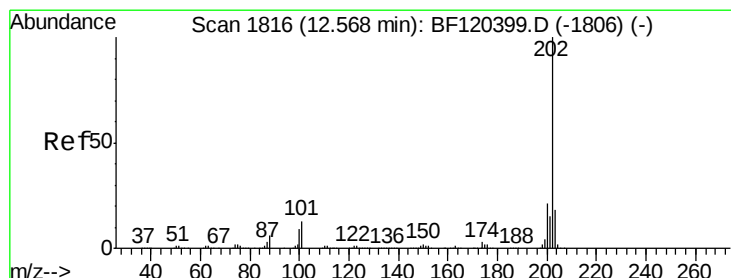
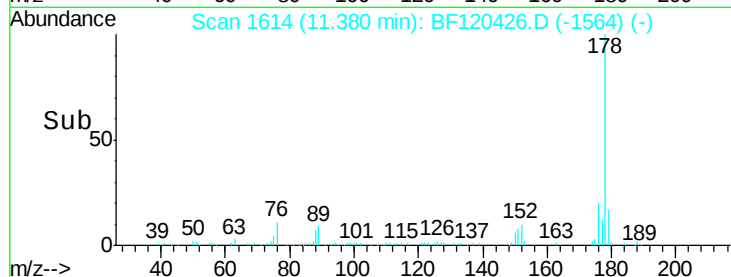
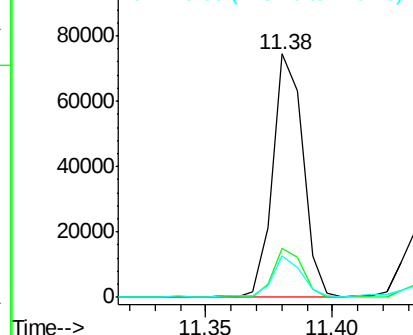
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.4	24.6
179	16.8	13.0	19.4

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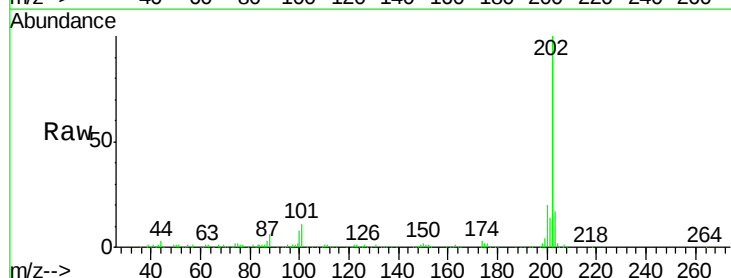


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

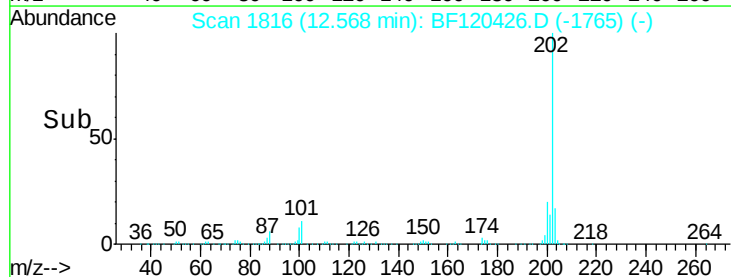
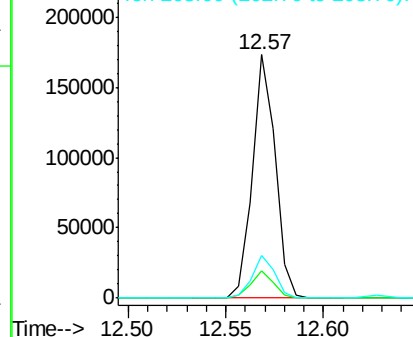


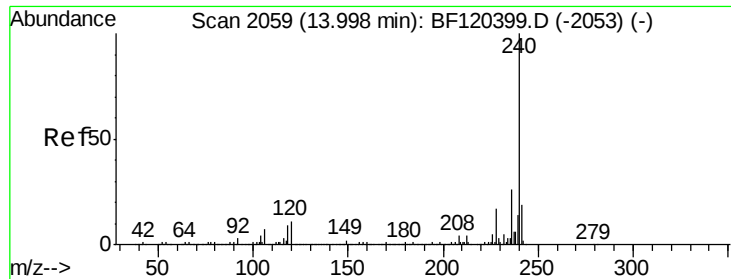
#75
Fluoranthene
Concen: 5.28 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BF120426.D
Acq: 28 May 2020 23:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.6
203	17.4	0.0	38.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





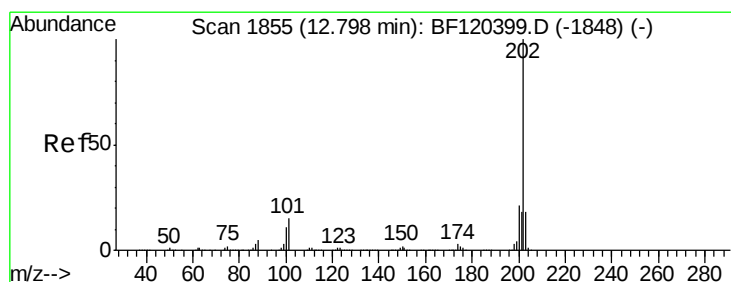
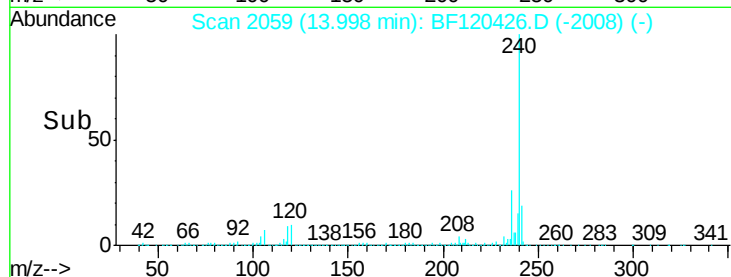
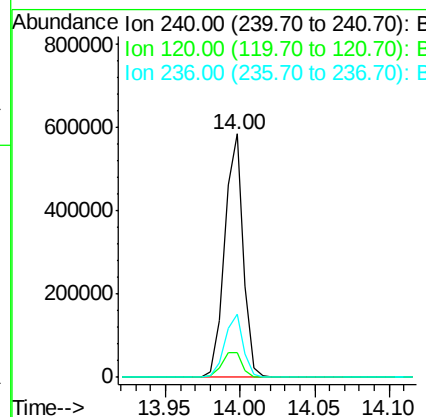
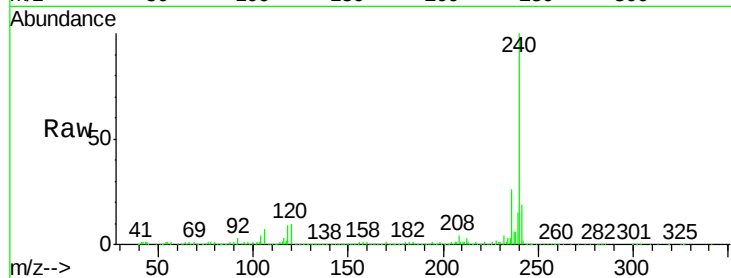
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 2059
Delta R.T. -0.00 min
Lab File: BF120426.D
Acq: 28 May 2020 23:49

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Tgt Ion	Ratio	Resp	Lower	Upper
240	100	510895		
120	10.2	8.8	13.2	
236	26.0	21.0	31.4	

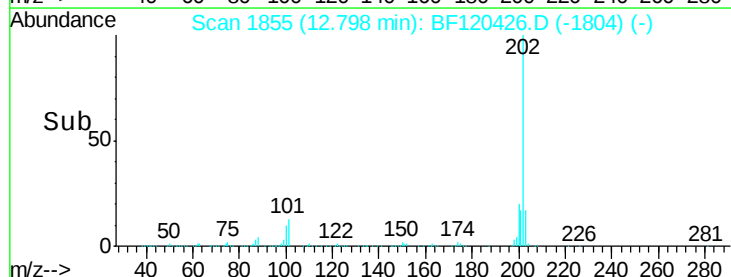
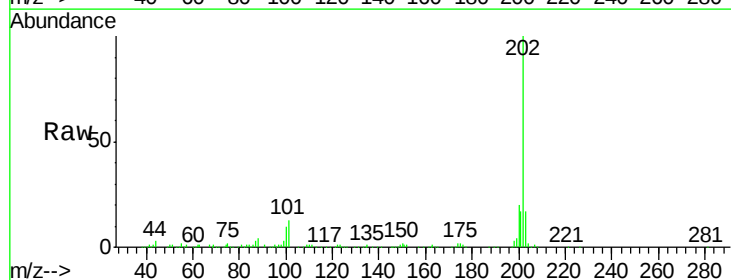
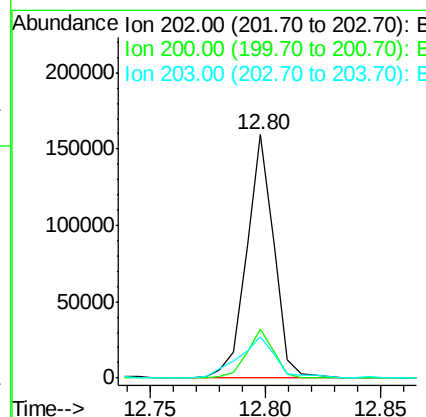
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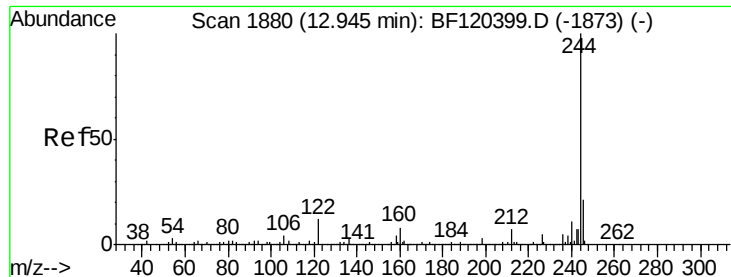
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#78
Pyrene
Concen: 3.66 ng
RT: 12.80 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BF120426.D
Acq: 28 May 2020 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	130126		
200	20.1	17.0	25.4	
203	16.9	14.7	22.1	





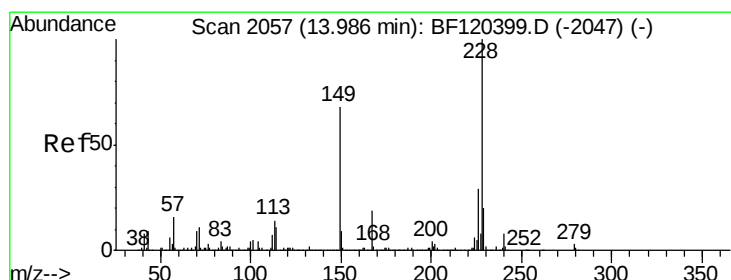
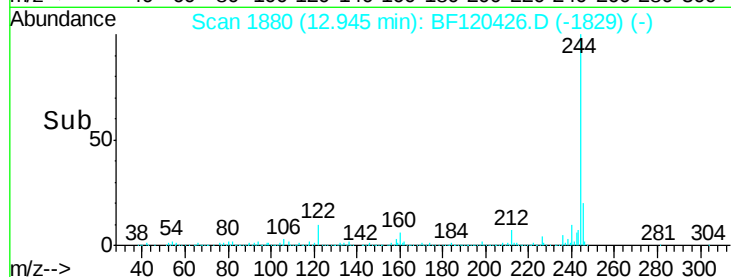
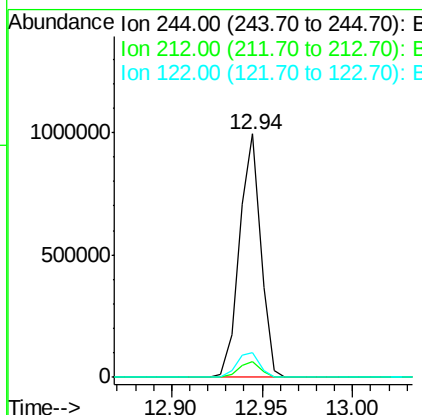
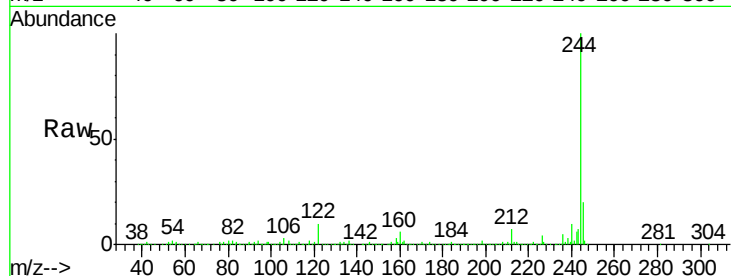
#79
 Terphenyl-d14
 Concen: 35.14 ng
 RT: 12.94 min Scan# 1880
 Delta R.T. -0.00 min
 Lab File: BF120426.D
 Acq: 28 May 2020 23:49

Instrument :
 BNA_F
 ClientSampleId :
 NM29-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.9	8.9
122	10.4	9.2	13.8

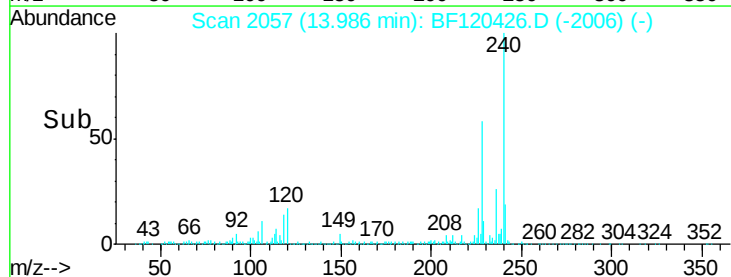
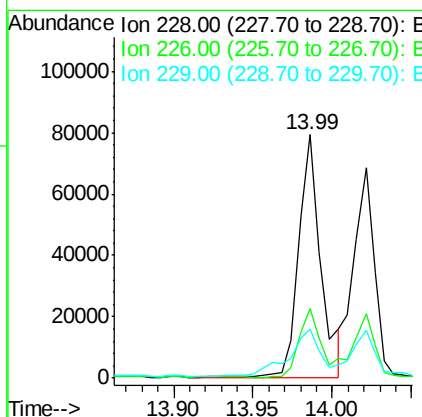
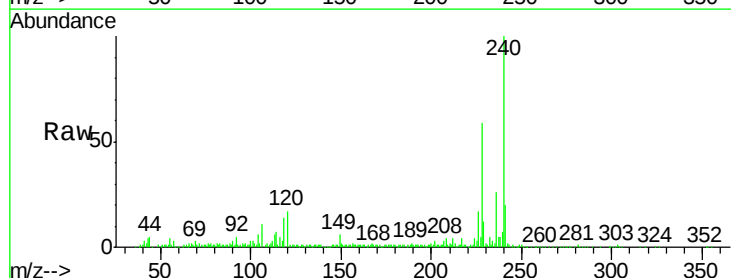
Manual Integrations
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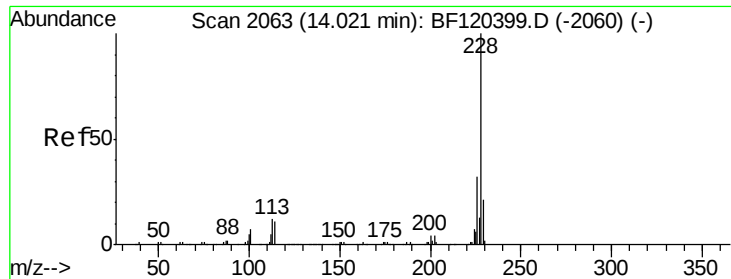
mohammad
 5/29/2020 10:28:43 PM



#81
 Benzo(a)anthracene
 Concen: 2.85 ng
 RT: 13.99 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BF120426.D
 Acq: 28 May 2020 23:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	20.2	16.2	24.4





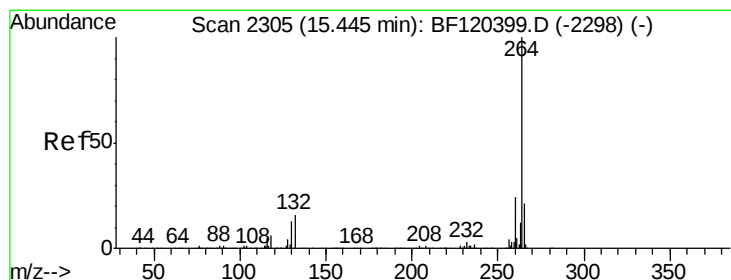
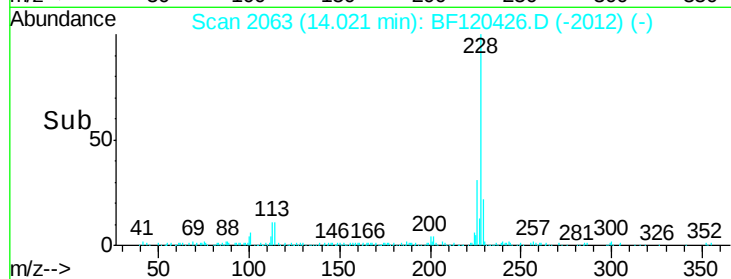
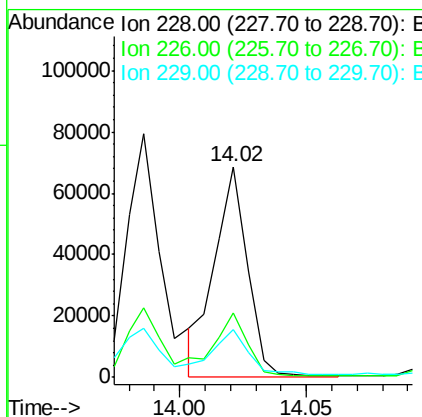
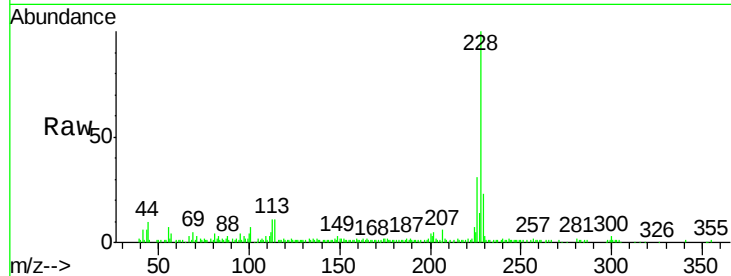
#83
Chrysene
Concen: 2.15 ng
RT: 14.02 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BF120426.D
Acq: 28 May 2020 23:49

Instrument :
BNA_F
ClientSampleId :
NM29-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.6	38.4
229	22.9	16.6	25.0

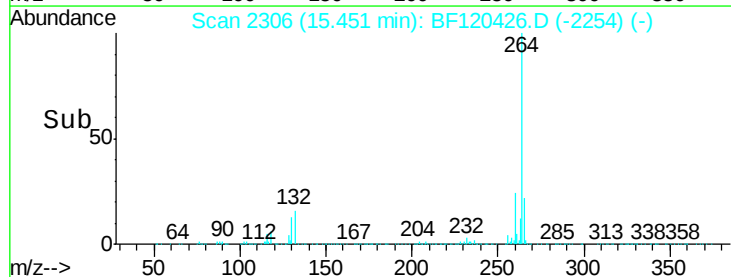
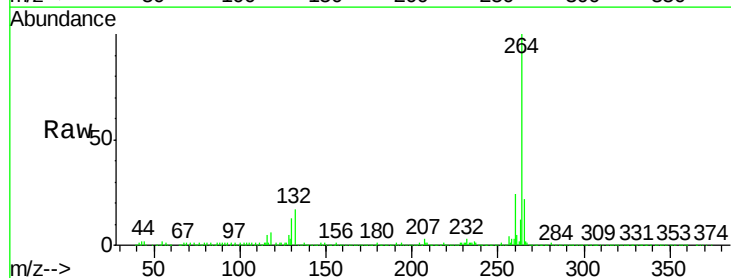
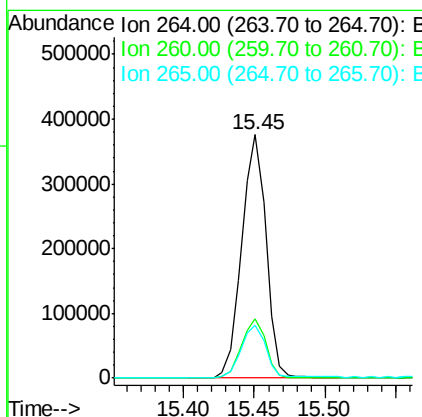
Manual Integrations
APPROVED

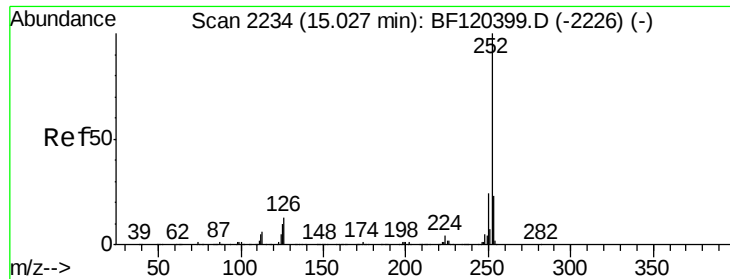
mohammad
5/29/2020 10:28:43 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 2306
Delta R.T. 0.01 min
Lab File: BF120426.D
Acq: 28 May 2020 23:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.7	16.9	25.3





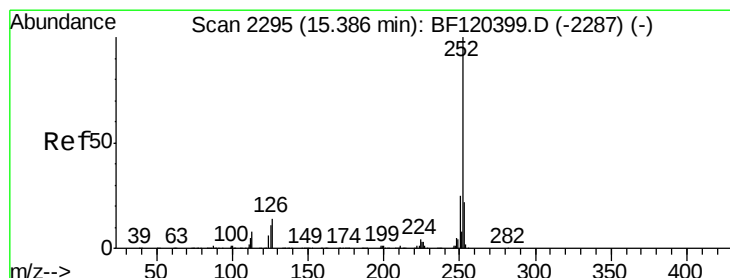
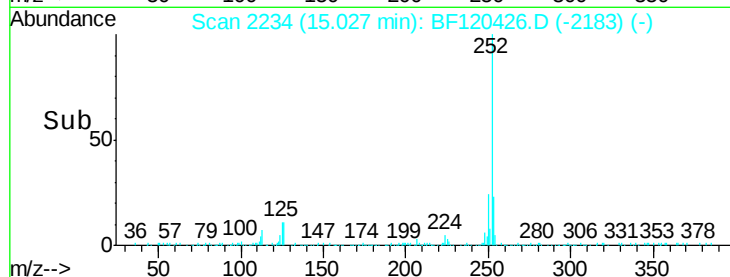
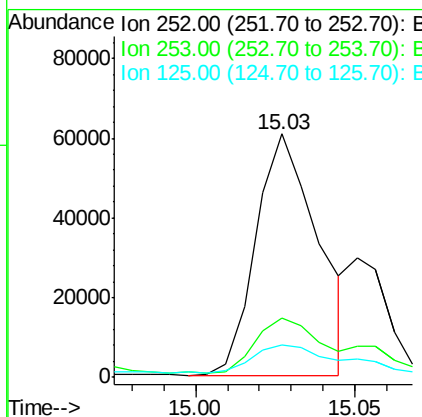
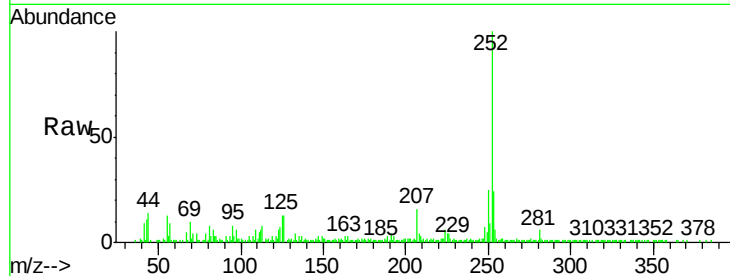
#88
Benzo(b)fluoranthene
Concen: 3.28 ng m
RT: 15.03 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF120426.D
Acq: 28 May 2020 23:49

Instrument :
BNA_F
ClientSampleId :
NM29-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.1	27.1
125	13.2	7.8	11.8

Manual Integrations
APPROVED

mohammad
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#90
Benzo(a)pyrene
Concen: 2.56 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BF120426.D
Acq: 28 May 2020 23:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	11.5	8.7	13.1

