

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
 Data File : BF120459.D
 Acq On : 30 May 2020 00:23
 Operator : MA/SJ
 Sample : L2792-11 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NM85-COMP-2020-0-6

Manual Integrations
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Quant Time: May 30 05:33:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 12:39:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	242973	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	865833	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	383724	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	602677	20.00	ng	0.00
76) Chrysene-d12	13.99	240	510832	20.00	ng	0.00
86) Perylene-d12	15.44	264	491907	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	294605	23.11	ng	0.00
7) Phenol-d6	6.46	99	366739	23.34	ng	-0.01
23) Nitrobenzene-d5	7.39	82	219619	16.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	74614	20.99	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	458304	20.26	ng	0.00
79) Terphenyl-d14	12.94	244	379966	16.55	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	61395	2.559	ng	98
71) Phenanthrene	11.38	178	55643	2.095	ng	96
75) Fluoranthene	12.57	202	138808	4.858	ng	96
78) Pyrene	12.80	202	131128	3.691	ng	97
81) Benzo(a)anthracene	13.99	228	81425	2.974	ng	97
83) Chrysene	14.02	228	74804	2.606	ng	97
88) Benzo(b)fluoranthene	15.02	252	92315m	3.379	ng	
90) Benzo(a)pyrene	15.38	252	63384	2.652	ng	# 96

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

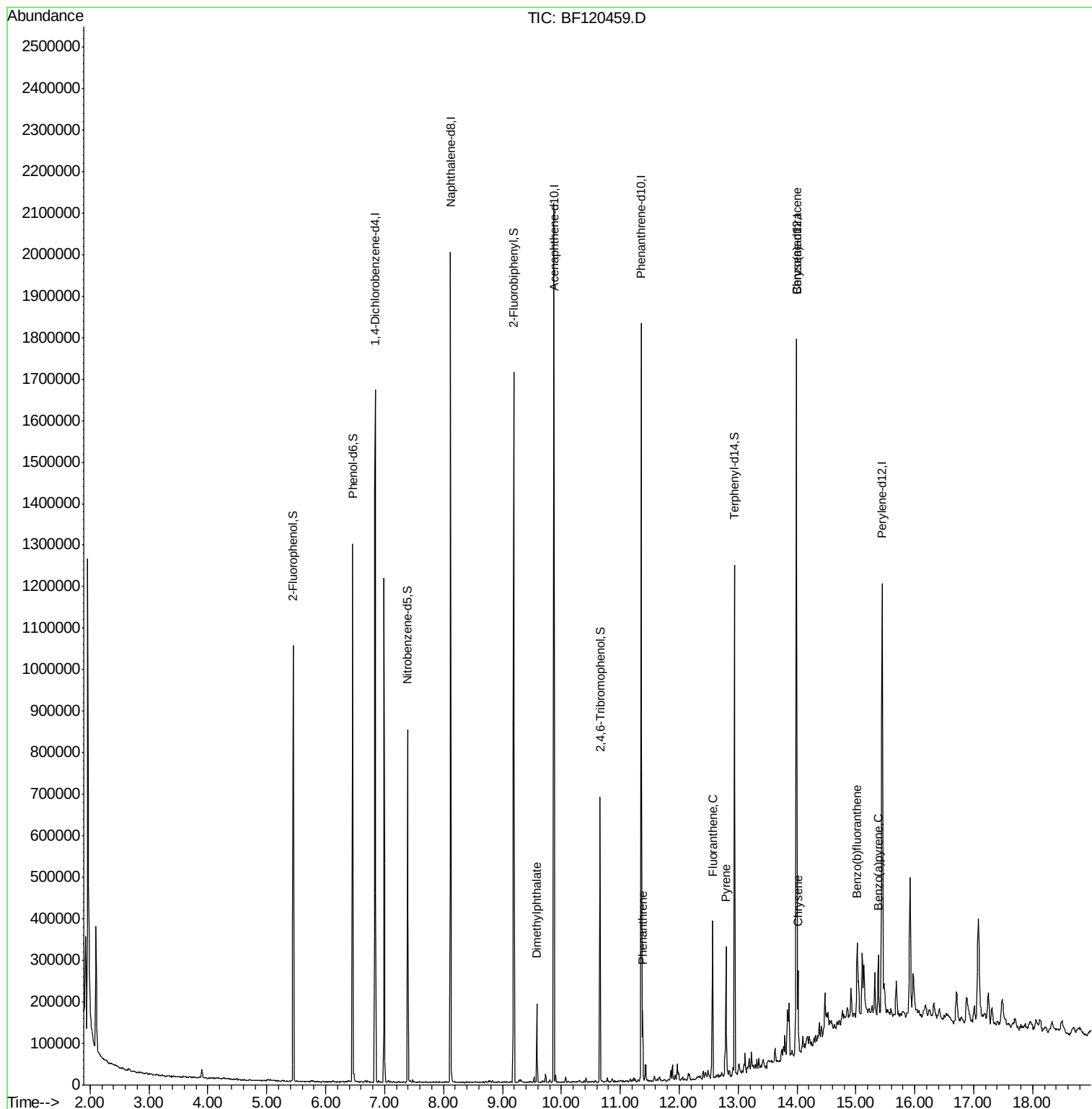
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052920\
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ALS Vial : 28 Sample Multiplier: 1

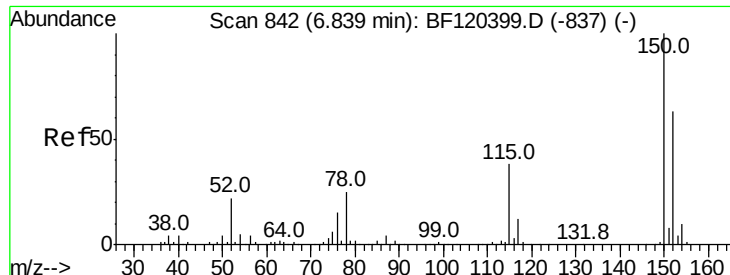
Instrument :
BNA_F
ClientSampleId :
NM85-COMP-2020-0-6

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Quant Time: May 30 05:33:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

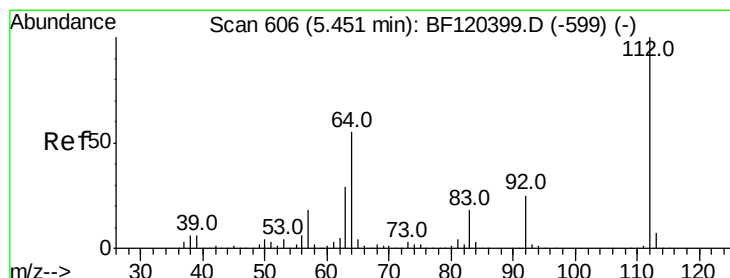
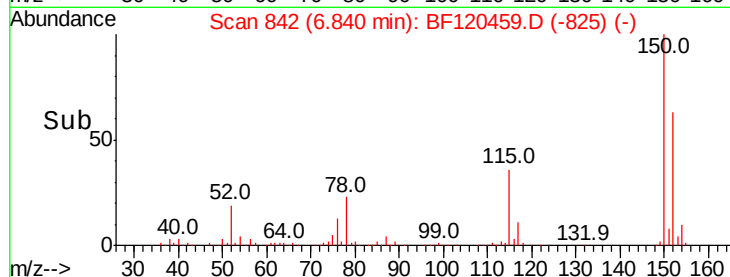
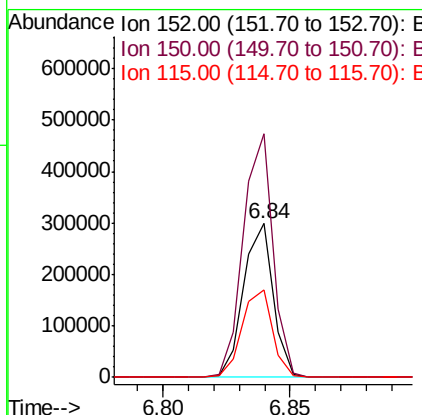
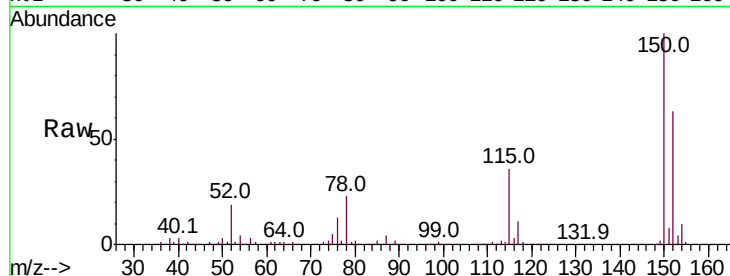
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF120459.D
Acq: 30 May 2020 00:23

Instrument :
BNA_F
ClientSampleId :
NM85-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.5	189.7
115	56.6	47.6	71.4

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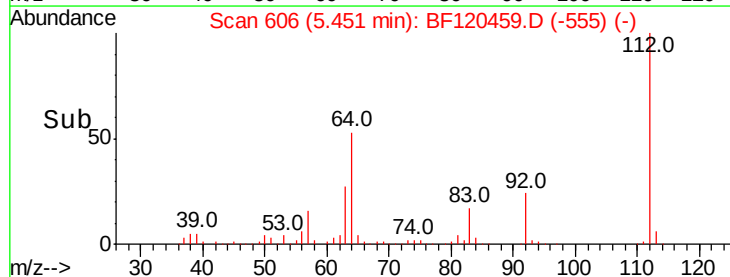
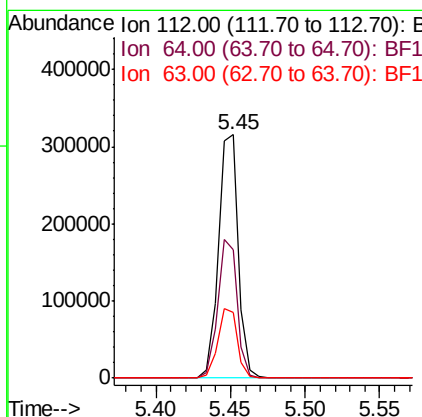
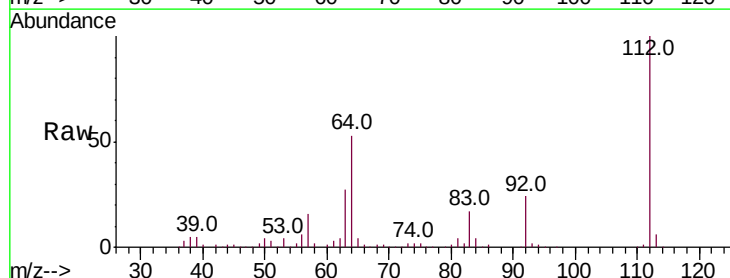
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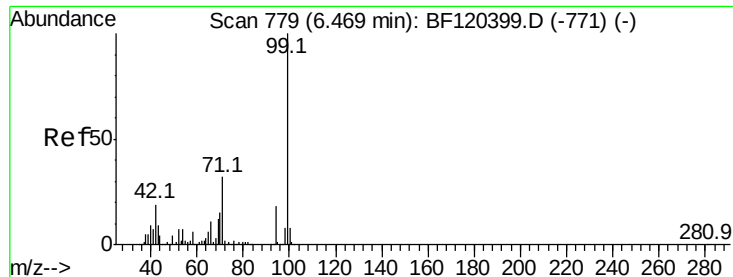


#5

2-Fluorophenol
Concen: 23.107 ng
RT: 5.45 min Scan# 606
Delta R.T. 0.00 min
Lab File: BF120459.D
Acq: 30 May 2020 00:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.7	44.3	66.5
63	27.0	22.9	34.3





#7

Phenol-d6

Concen: 23.337 ng

RT: 6.46 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF120459.D

Acq: 30 May 2020 00:23

Instrument :

BNA_F

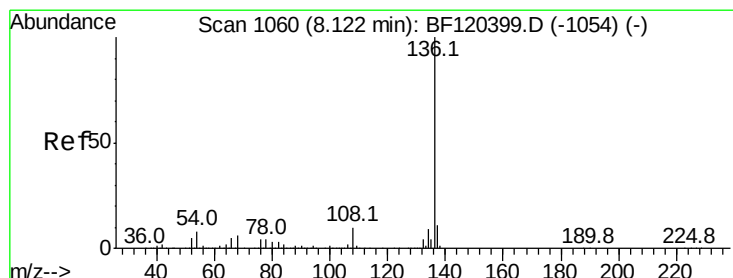
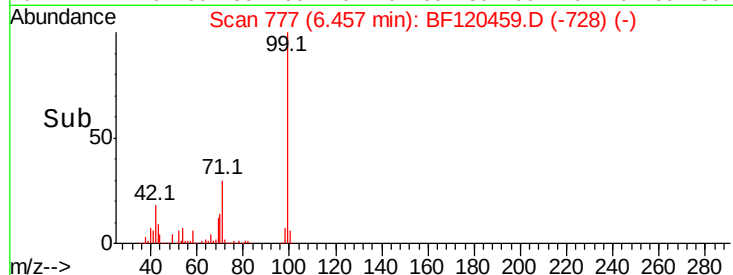
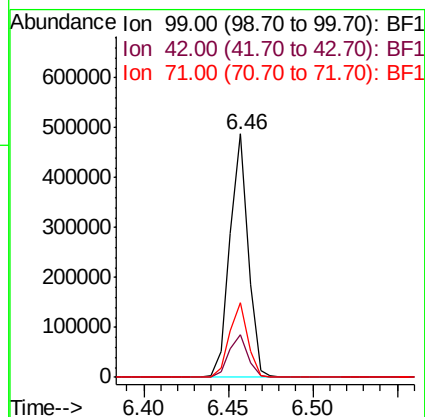
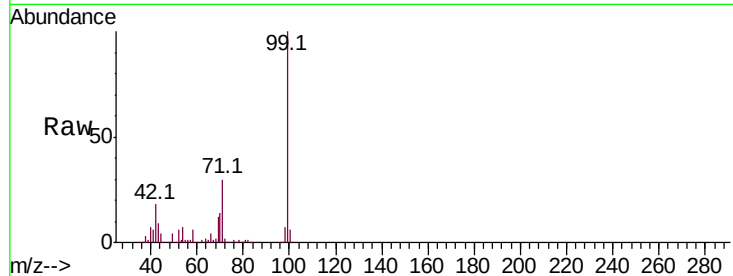
ClientSampleId :

NM85-COMP-2020-0-6

Tot Ion:	99	Resp:	366739
Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.2	22.8
71	30.5	25.6	38.4

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#21

Naphthalene-d8

Concen: 20.000 ng

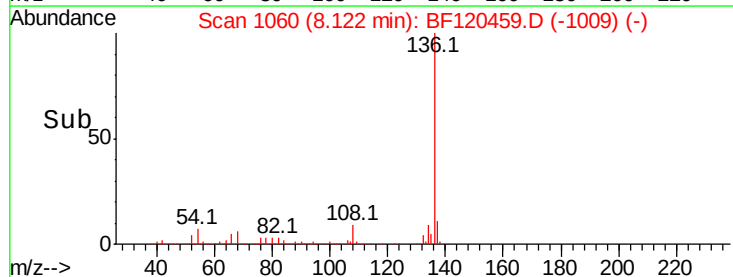
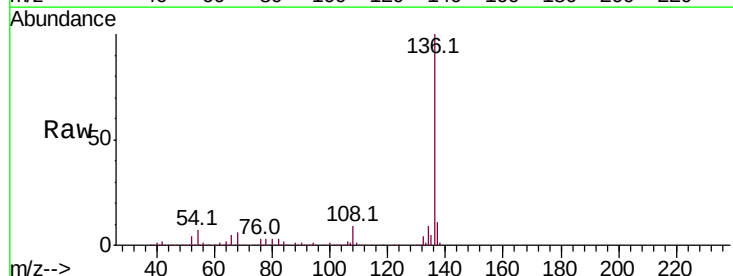
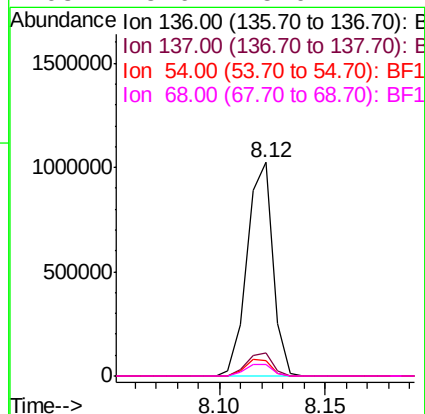
RT: 8.12 min Scan# 1060

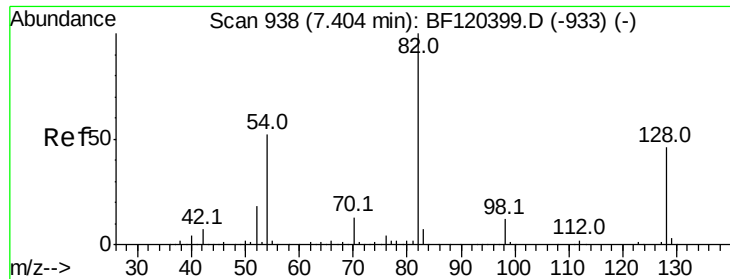
Delta R.T. 0.00 min

Lab File: BF120459.D

Acq: 30 May 2020 00:23

Tgt Ion:	136	Resp:	865833
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	6.9	6.7	10.1
68	5.6	5.0	7.4





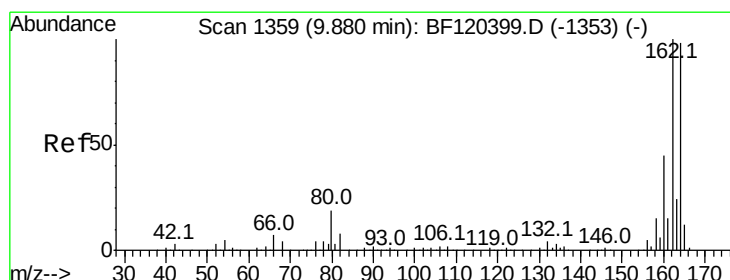
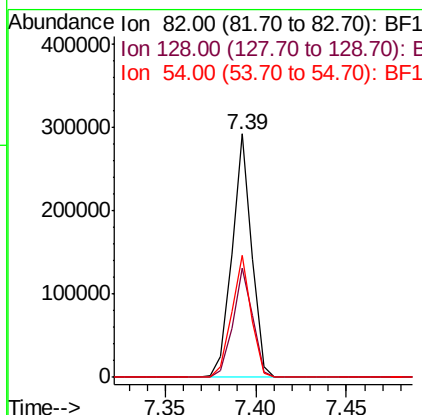
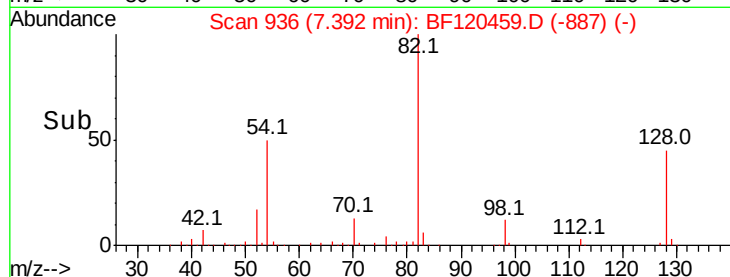
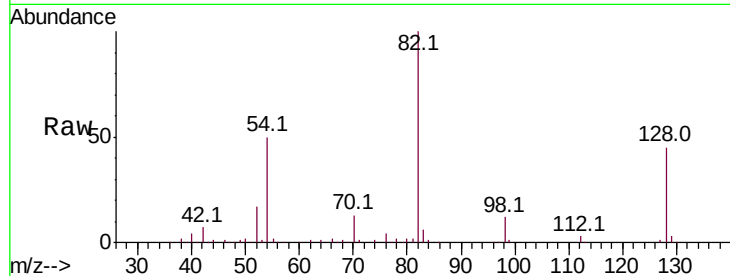
#23
Nitrobenzene-d5
Concen: 16.592 ng
RT: 7.39 min Scan# 936
Delta R.T. -0.01 min
Lab File: BF120459.D
Acq: 30 May 2020 00:23

Instrument :
BNA_F
ClientSampleId :
NM85-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.8	55.2
54	50.2	41.6	62.4

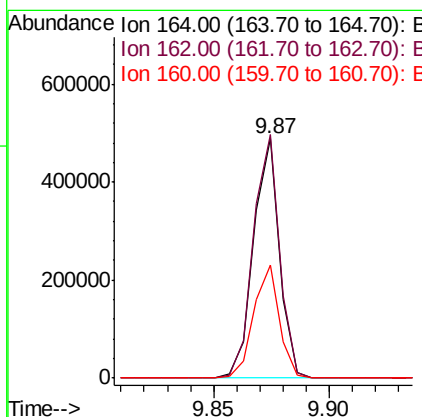
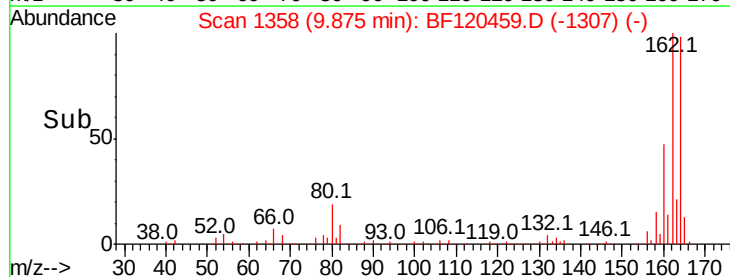
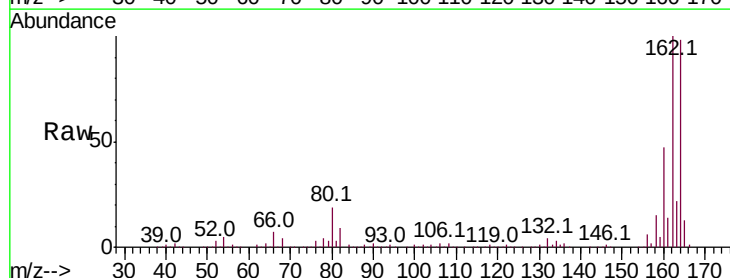
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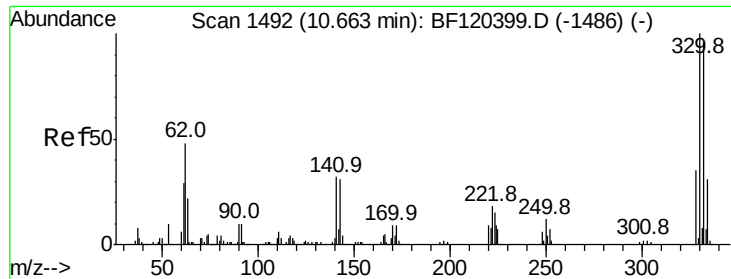
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF120459.D
Acq: 30 May 2020 00:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.3	121.9
160	47.3	36.9	55.3





#42

2,4,6-Tribromophenol

Concen: 20.986 ng

RT: 10.66 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BF120459.D

Acq: 30 May 2020 00:23

Instrument :

BNA_F

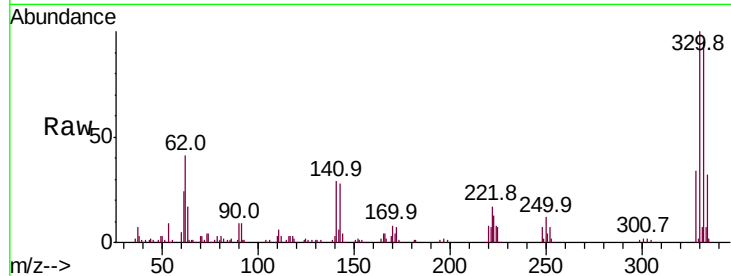
ClientSampleId :

NM85-COMP-2020-0-6

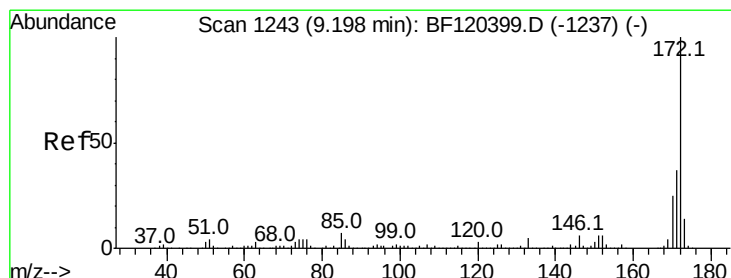
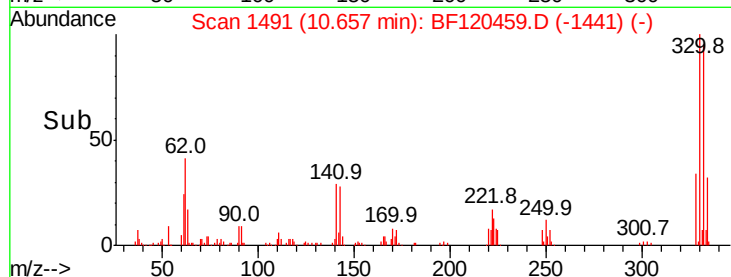
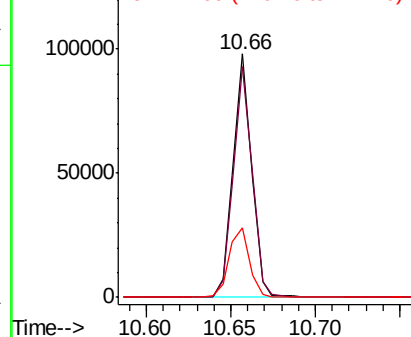
Tot Ion:	330	Resp:	74614
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.0	115.6
141	31.4	25.3	37.9

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 20.265 ng

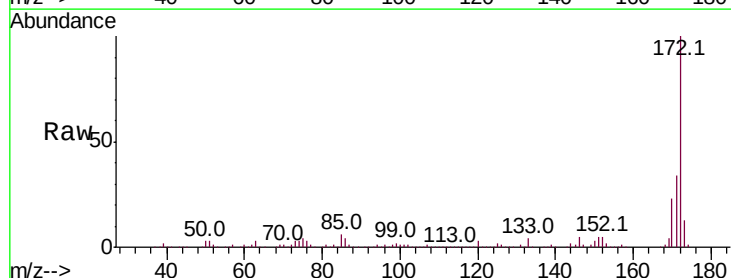
RT: 9.19 min Scan# 1242

Delta R.T. -0.01 min

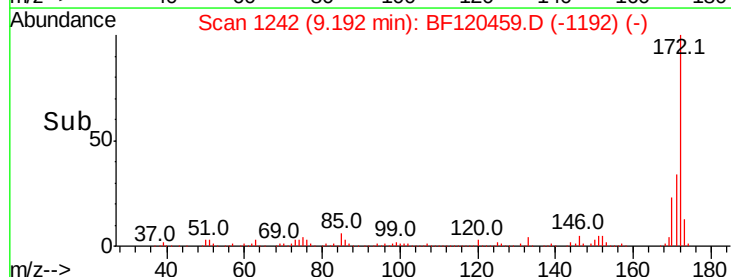
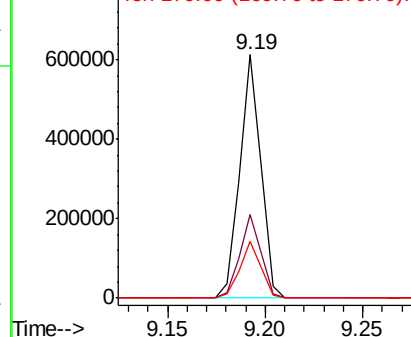
Lab File: BF120459.D

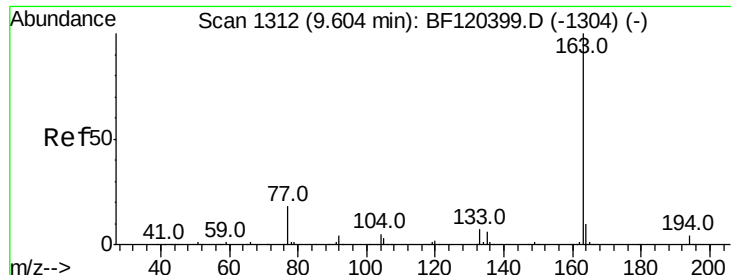
Acq: 30 May 2020 00:23

Tgt Ion:	172	Resp:	458304
Ion Ratio	Lower	Upper	
172	100		
171	34.3	29.7	44.5
170	23.2	19.9	29.9



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





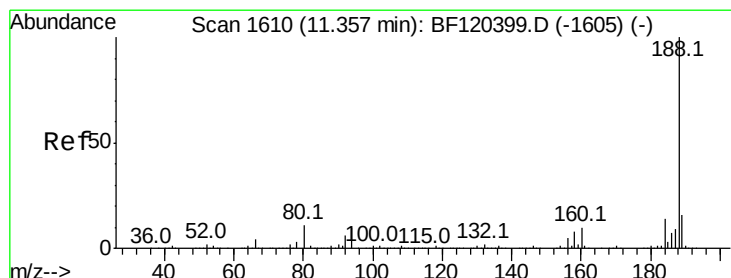
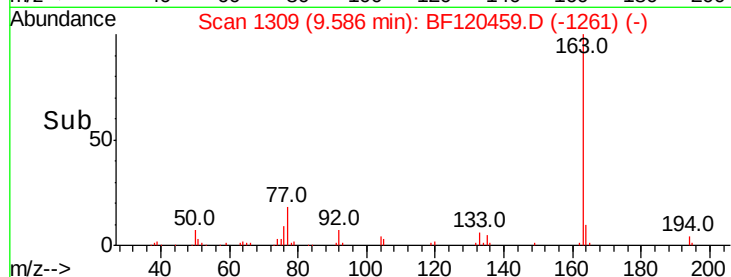
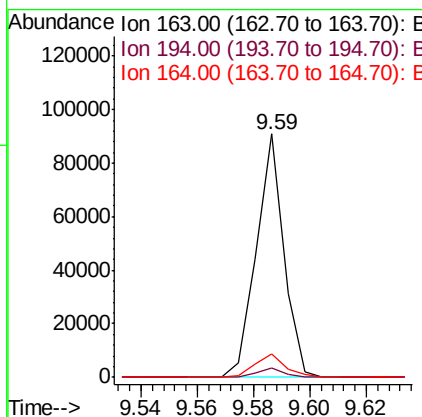
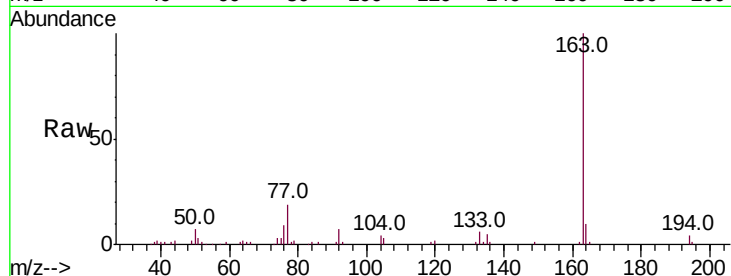
#50
Dimethylphthalate
Concen: 2.559 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.02 min
Lab File: BF120459.D
Acq: 30 May 2020 00:23

Instrument :
BNA_F
ClientSampleId :
NM85-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.6	8.3	12.5

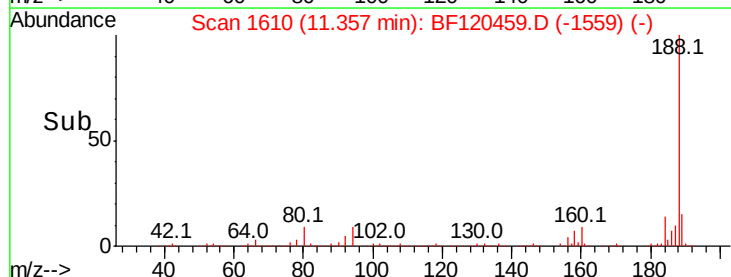
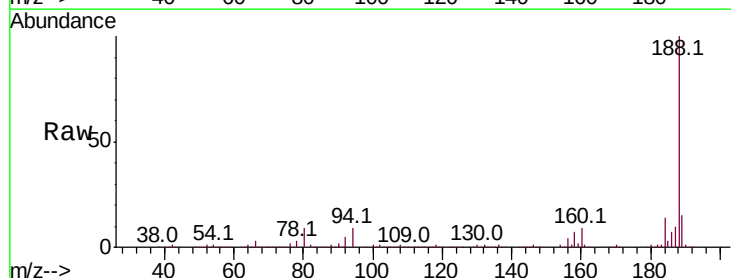
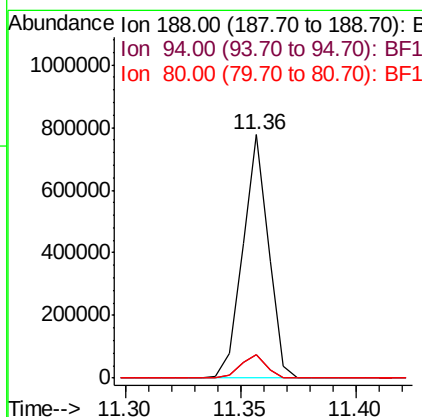
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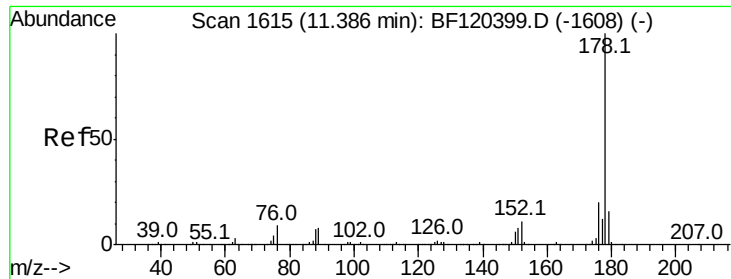
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1610
Delta R.T. 0.00 min
Lab File: BF120459.D
Acq: 30 May 2020 00:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.9	11.9
80	9.5	8.6	13.0





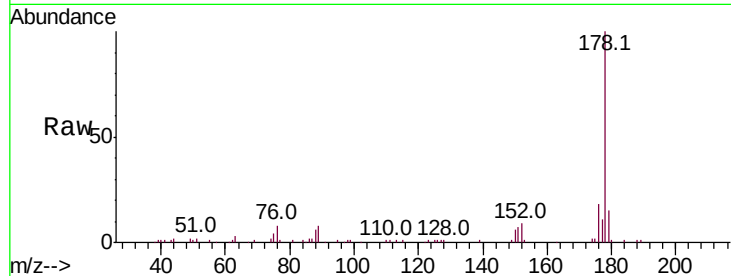
#71
Phenanthrene
Concen: 2.095 ng
RT: 11.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BF120459.D
Acq: 30 May 2020 00:23

Instrument :
BNA_F
ClientSampleId :
NM85-COMP-2020-0-6

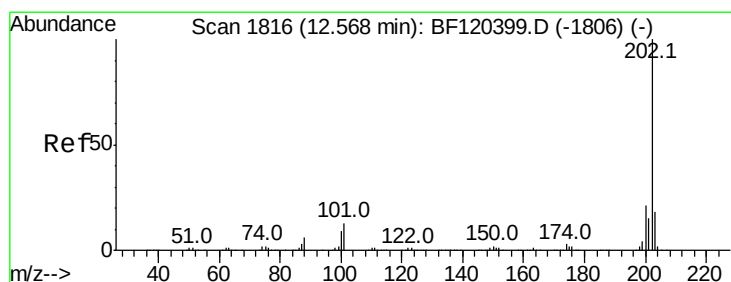
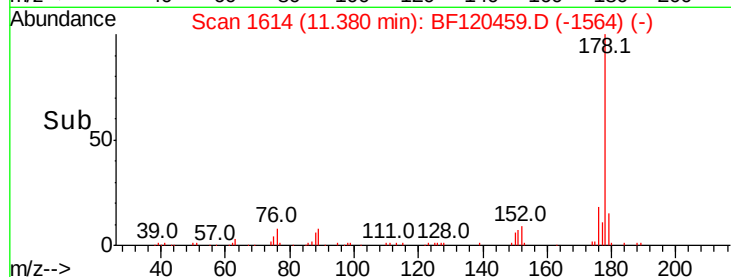
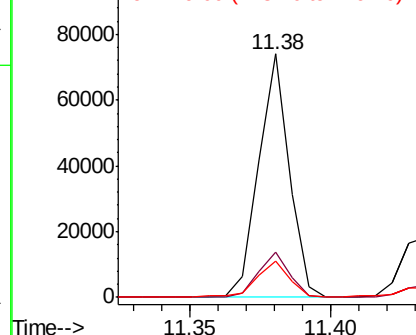
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.4	24.6
179	15.0	13.0	19.4

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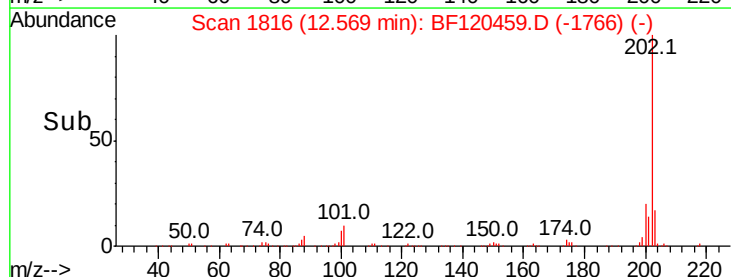
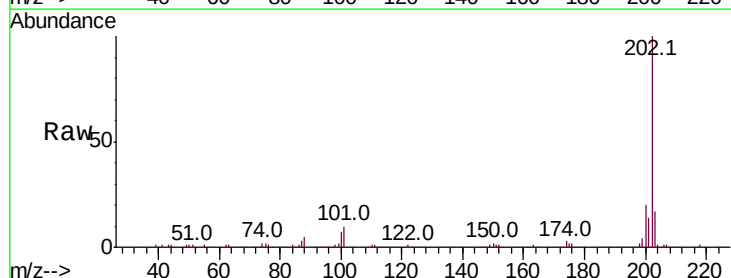
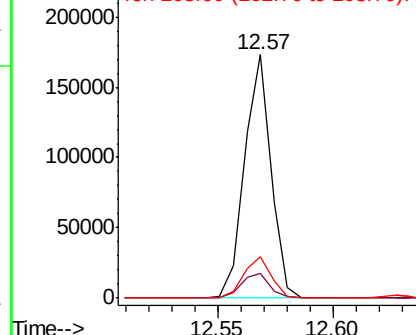
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

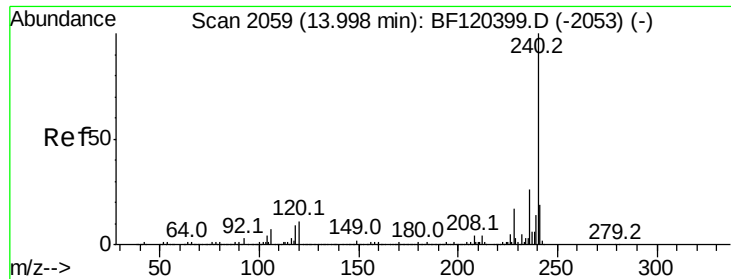


#75
Fluoranthene
Concen: 4.858 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF120459.D
Acq: 30 May 2020 00:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	32.6
203	17.1	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





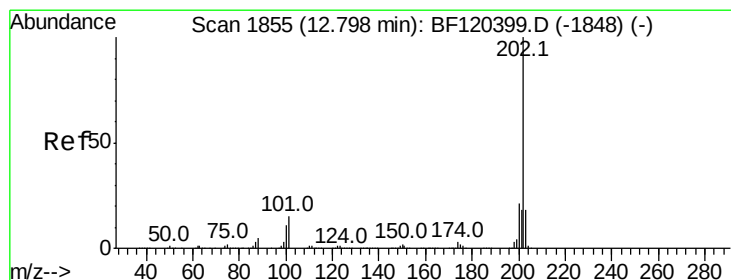
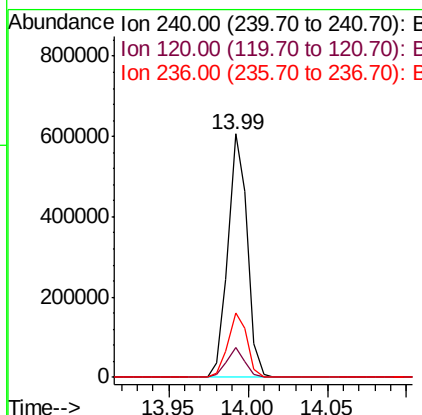
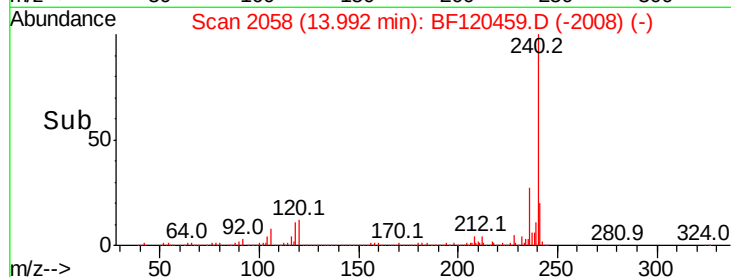
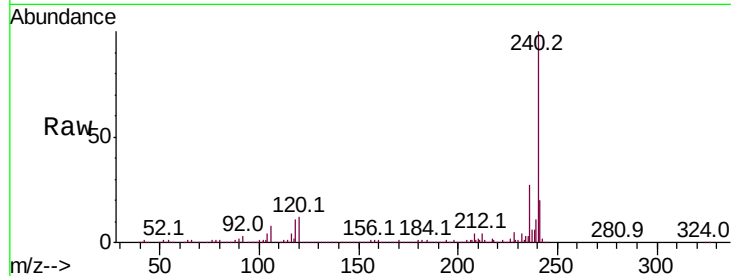
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BF120459.D
Acq: 30 May 2020 00:23

Instrument :
BNA_F
ClientSampleId :
NM85-COMP-2020-0-6

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	12.2	8.8	13.2	
236	26.5	21.0	31.4	

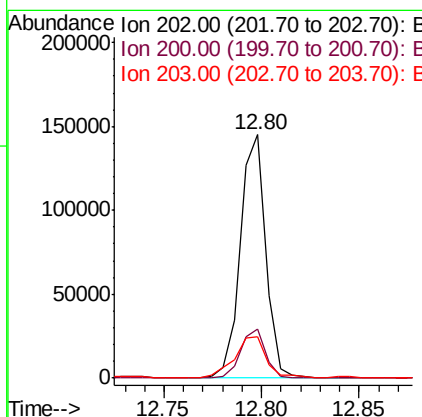
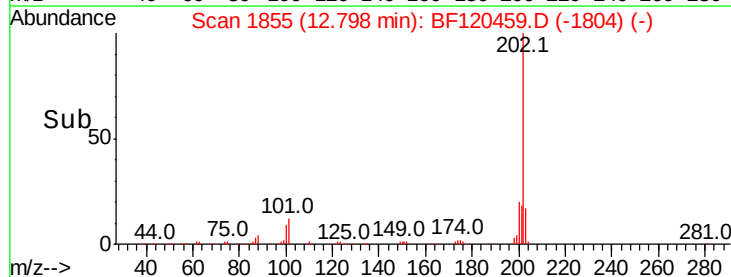
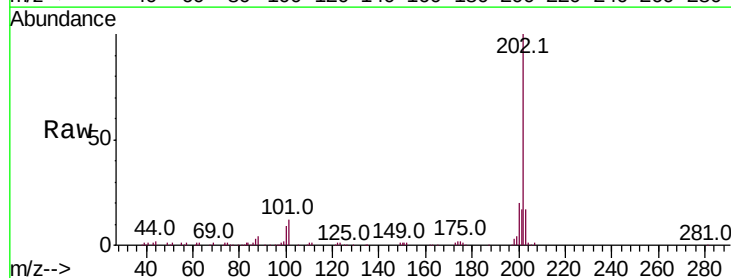
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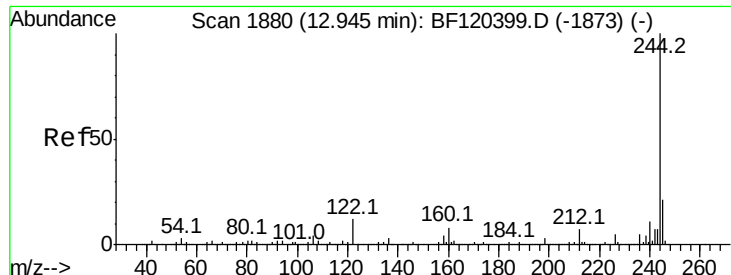
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#78
Pyrene
Concen: 3.691 ng
RT: 12.80 min Scan# 1855
Delta R.T. 0.00 min
Lab File: BF120459.D
Acq: 30 May 2020 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	19.9	17.0	25.4	
203	17.2	14.7	22.1	





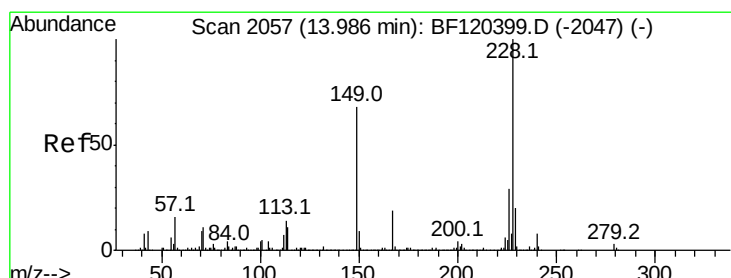
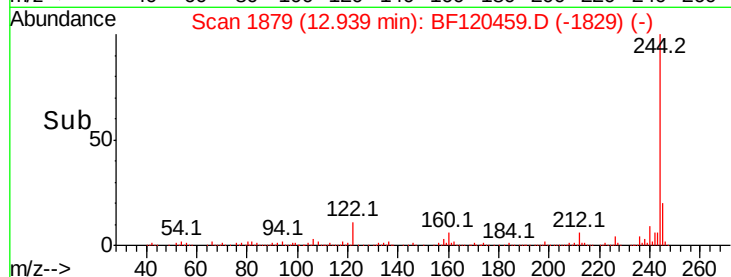
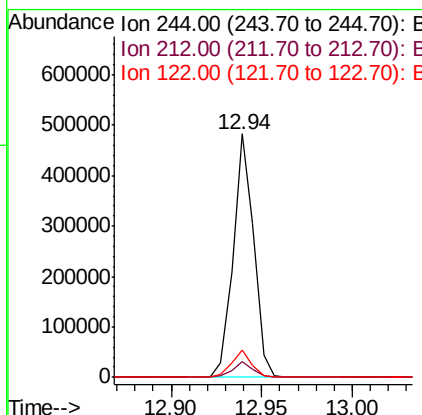
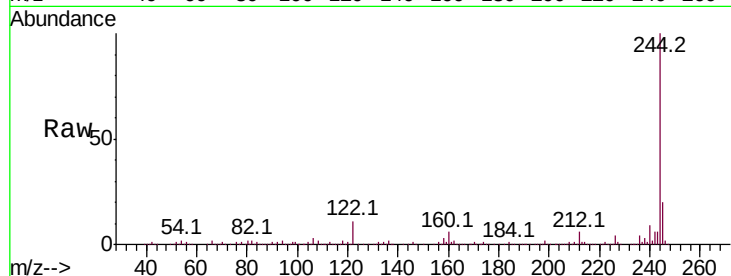
#79
 Terphenyl-d14
 Concen: 16.552 ng
 RT: 12.94 min Scan# 1879
 Delta R.T. -0.01 min
 Lab File: BF120459.D
 Acq: 30 May 2020 00:23

Instrument :
 BNA_F
 ClientSampleId :
 NM85-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.9	8.9
122	11.1	9.2	13.8

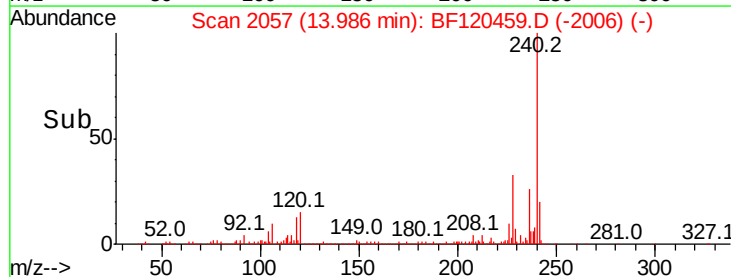
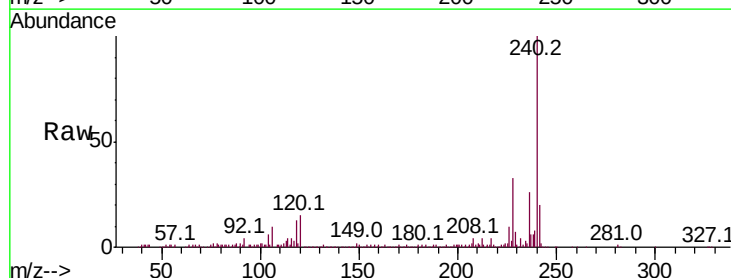
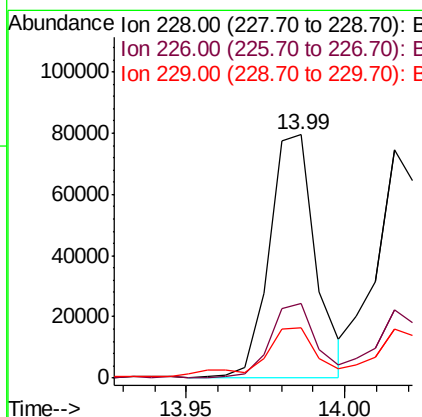
Manual Integrations
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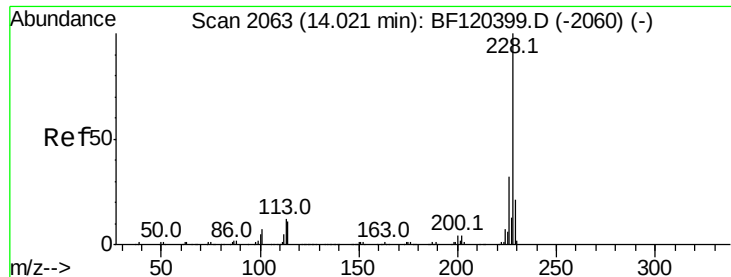
mohammad
 6/1/2020 12:21:57 PM



#81
 Benzo(a)anthracene
 Concen: 2.974 ng
 RT: 13.99 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BF120459.D
 Acq: 30 May 2020 00:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.0	34.4
229	20.4	16.2	24.4





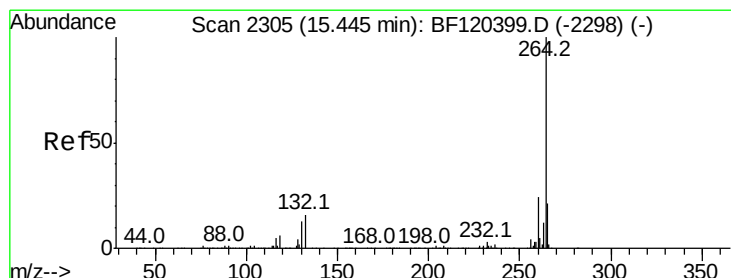
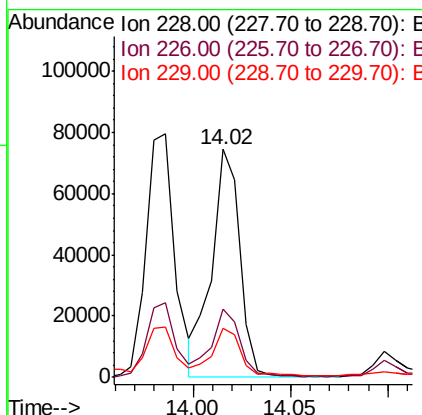
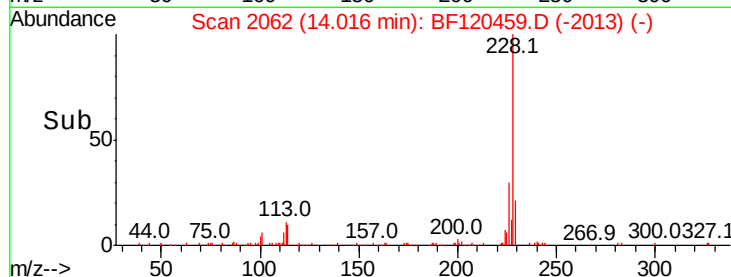
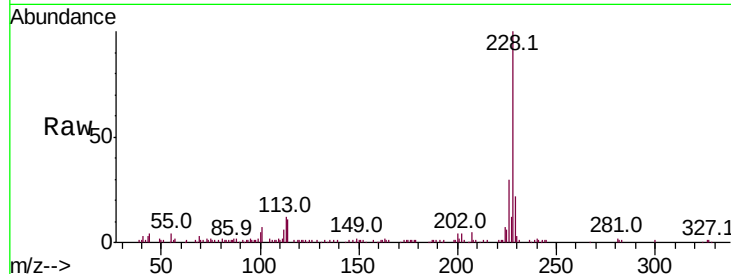
#83
Chrysene
Concen: 2.606 ng
RT: 14.02 min Scan# 2062
Delta R.T. -0.01 min
Lab File: BF120459.D
Acq: 30 May 2020 00:23

Instrument :
BNA_F
ClientSampleId :
NM85-COMP-2020-0-6

Tot Ion:	228	Resp:	74804
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.6	38.4
229	21.7	16.6	25.0

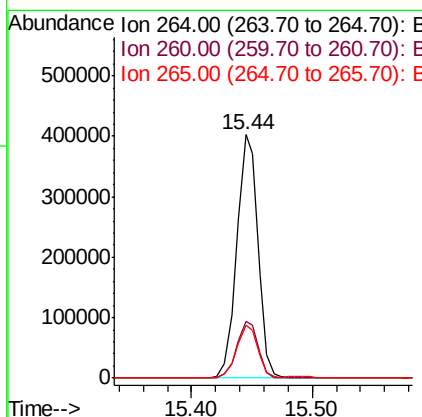
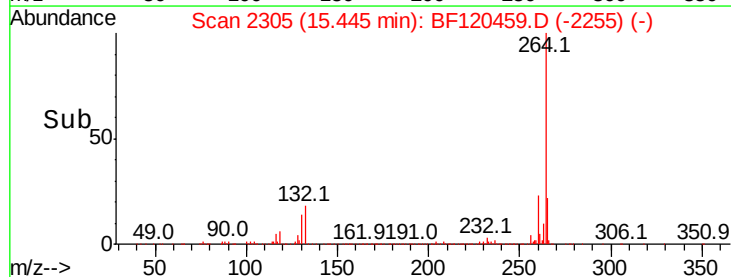
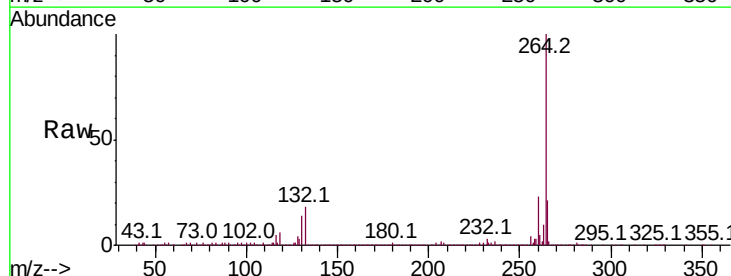
Manual Integrations
APPROVED

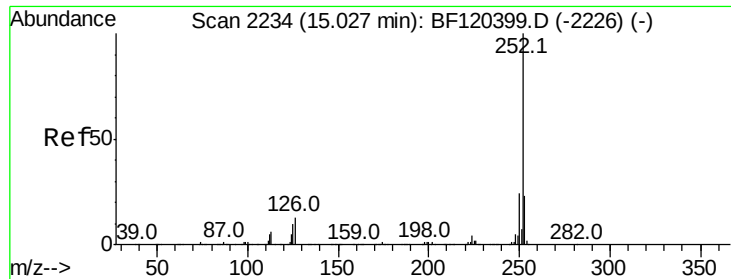
mohammad
6/1/2020 12:21:57 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BF120459.D
Acq: 30 May 2020 00:23

Tgt Ion:	264	Resp:	491907
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.2	28.8
265	21.5	16.9	25.3





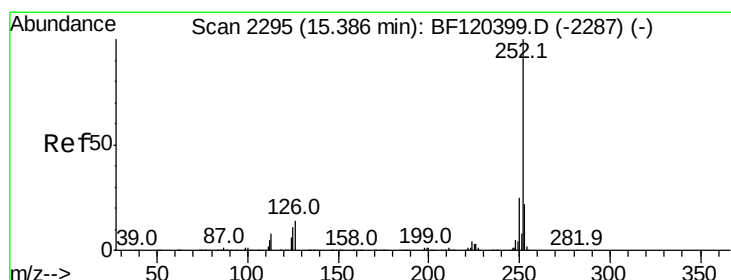
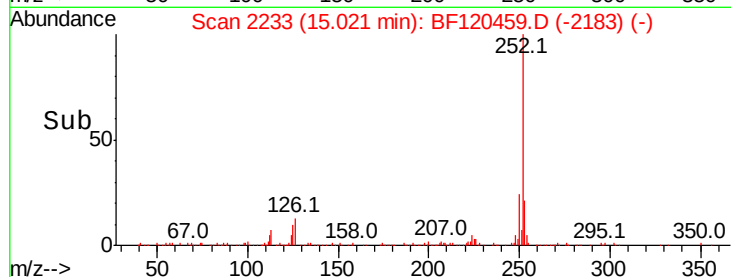
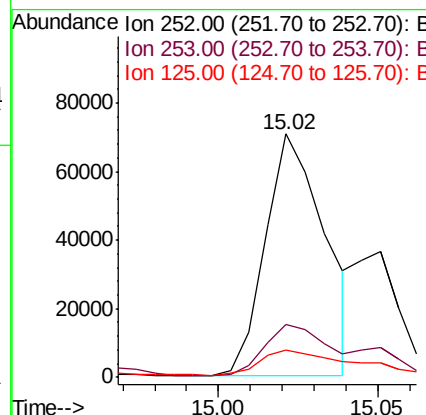
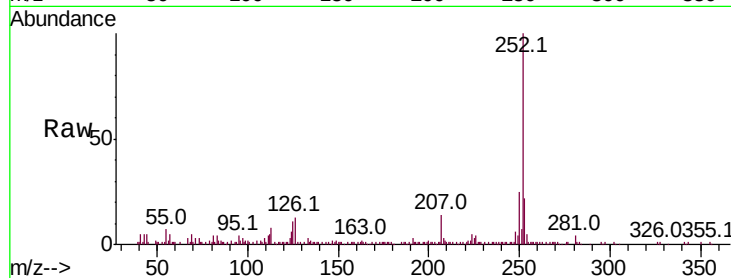
#88
Benzo(b)fluoranthene
Concen: 3.379 ng
RT: 15.02 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF120459.D
Acq: 30 May 2020 00:23

Instrument :
BNA_F
ClientSampleId :
NM85-COMP-2020-0-6

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	11.2	7.8	11.8

Manual Integrations
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mohammad
6/1/2020 12:21:57 PM



#90
Benzo(a)pyrene
Concen: 2.652 ng
RT: 15.38 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BF120459.D
Acq: 30 May 2020 00:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	13.4	8.7	13.1

