

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071420\
 Data File : BF120863.D
 Acq On : 14 Jul 2020 16:18
 Operator : JU/CG
 Sample : L3282-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ST-JOES-AVE-2

Manual Integrations
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mohammad
 7/15/2020 10:59:47 AM

Quant Time: Jul 14 16:44:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 14:16:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	204479	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	786889	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	410022	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	767091	20.00	ng	0.00
76) Chrysene-d12	13.99	240	606161	20.00	ng	-0.02
86) Perylene-d12	15.44	264	497934	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	701401	52.95	ng	0.00
7) Phenol-d6	6.45	99	1053095	62.25	ng	-0.01
23) Nitrobenzene-d5	7.39	82	714190	52.58	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	171324	41.59	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1308641	48.29	ng	0.00
79) Terphenyl-d14	12.94	244	1293826	41.79	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	161121	5.387	ng	98
71) Phenanthrene	11.37	178	85946	2.065	ng	97
75) Fluoranthene	12.56	202	201704	4.549	ng	97
78) Pyrene	12.79	202	181936	3.758	ng	97
81) Benzo(a)anthracene	13.97	228	87491	2.252	ng	98
83) Chrysene	14.01	228	88575	2.235	ng	96
88) Benzo(b)fluoranthene	15.02	252	104557m	3.194	ng	

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

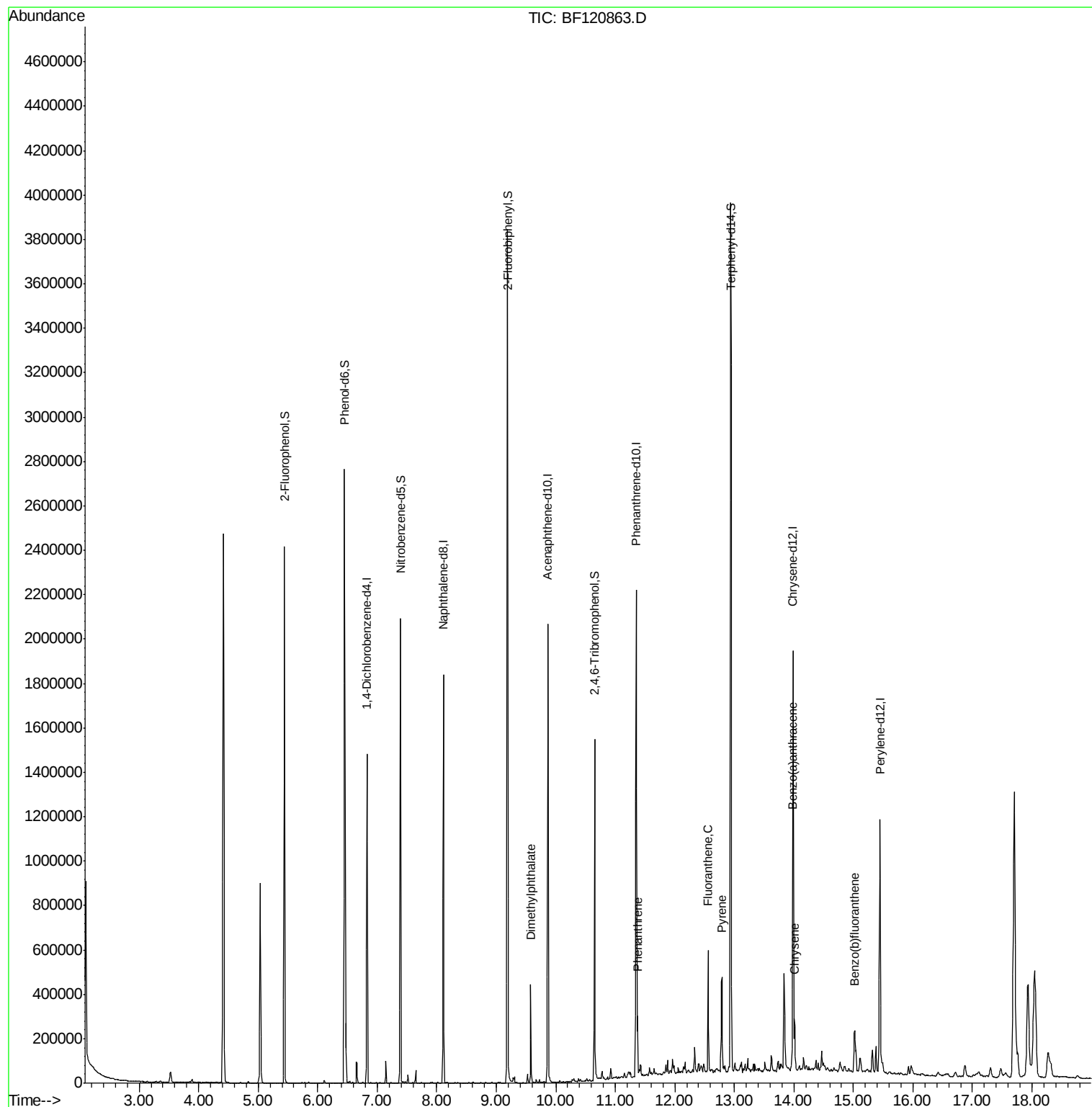
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Data File : BF120863.D
Acq On : 14 Jul 2020 16:18
Operator : JU/CG
Sample : L3282-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

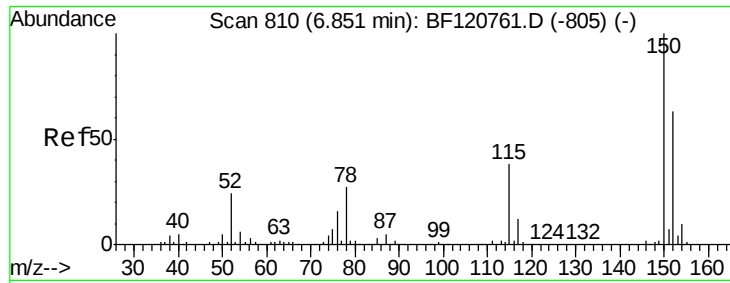
Instrument :
BNA_F
ClientSampleId :
ST-JOES-AVE-2

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Quant Time: Jul 14 16:44:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 14:16:14 2020
Response via : Initial Calibration





#1

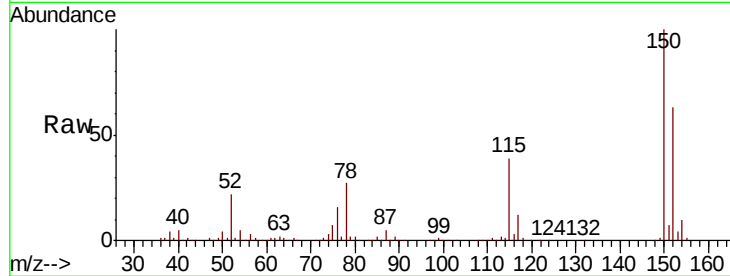
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF120863.D
Acq: 14 Jul 2020 16:18

Instrument :
BNA_F
ClientSampleId :
ST-JOES-AVE-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.1	189.1
115	61.4	48.5	72.7

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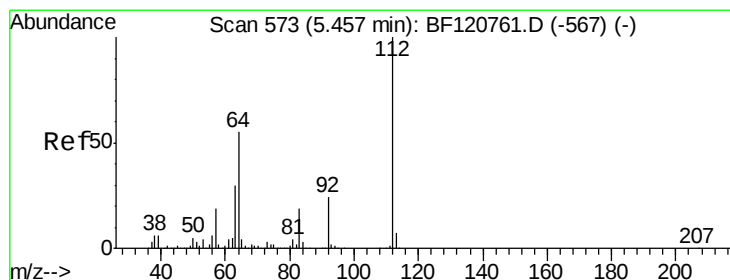
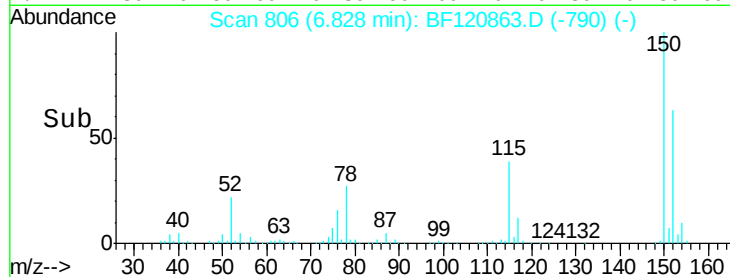
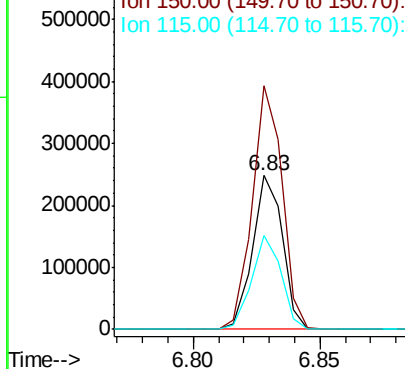


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

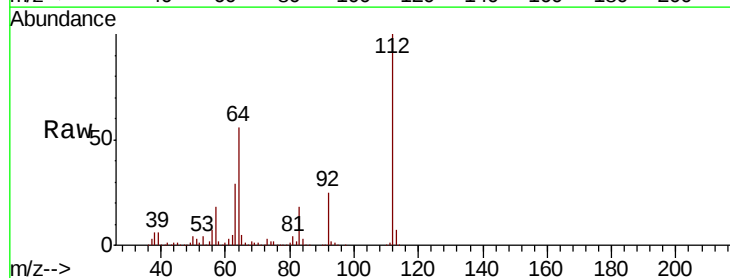
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 52.950 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF120863.D
Acq: 14 Jul 2020 16:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.2	43.8	65.6
63	29.0	23.6	35.4

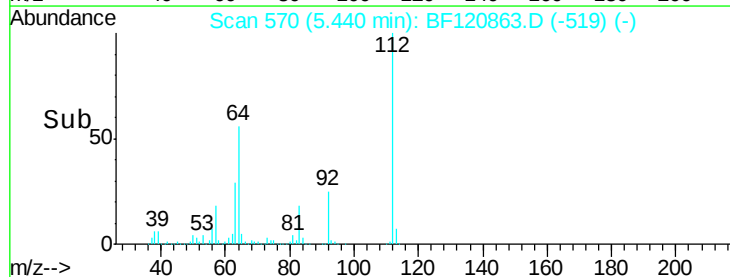
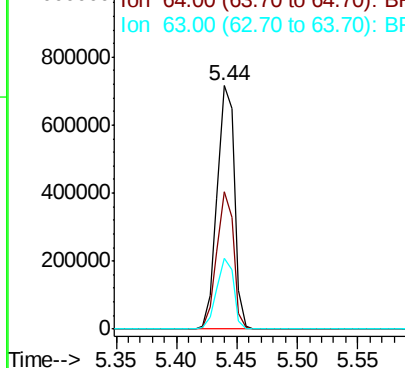


Abundance

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





#7

Phenol-d6

Concen: 62.253 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF120863.D

Acq: 14 Jul 2020 16:18

Instrument :

BNA_F

ClientSampleId :

ST-JOES-AVE-2

Tot Ion: 99 Resp: 1053095

Ion Ratio Lower Upper

99 100

42 17.6 15.4 23.0

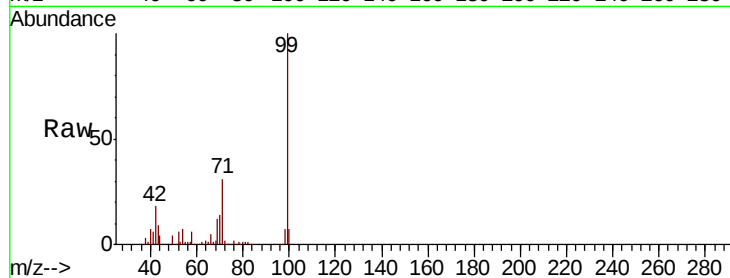
71 31.3 25.9 38.9

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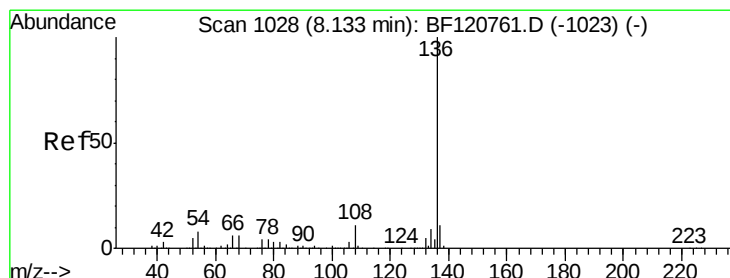
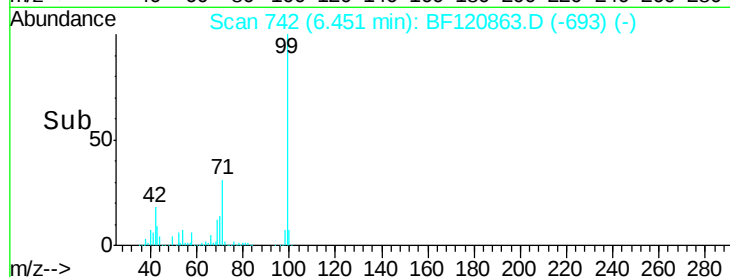
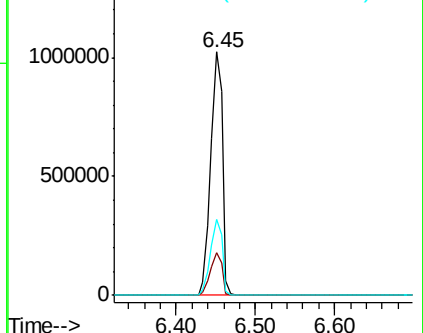
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Abundance Ion 99.00 (98.70 to 99.70): BF1

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: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF120863.D

Acq: 14 Jul 2020 16:18

Tgt Ion: 136 Resp: 786889

Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.6

54 8.0 6.2 9.4

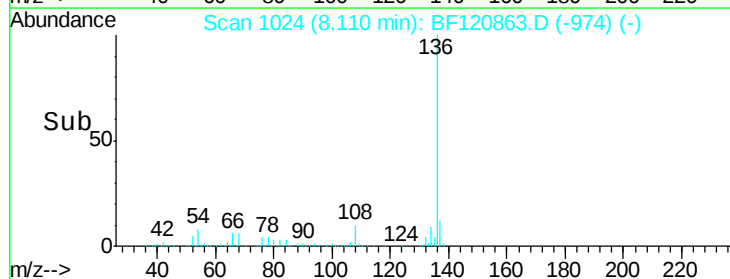
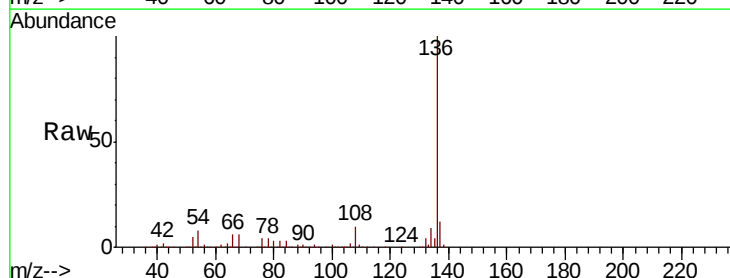
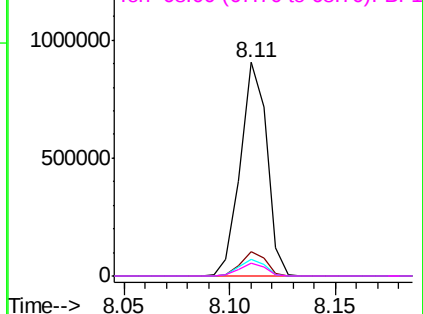
68 6.2 4.7 7.1

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





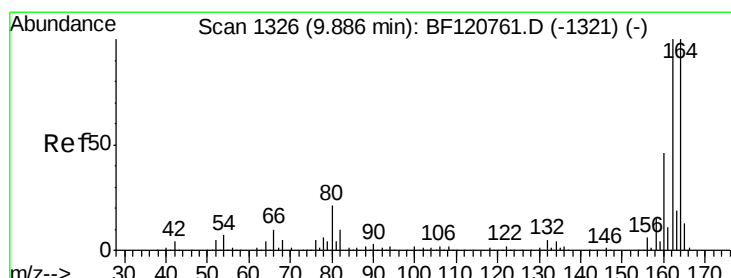
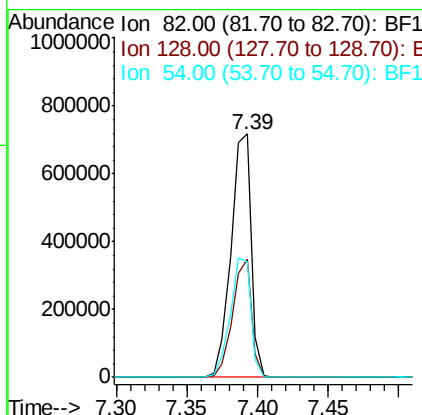
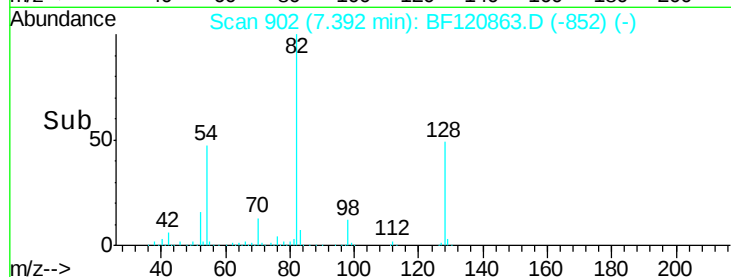
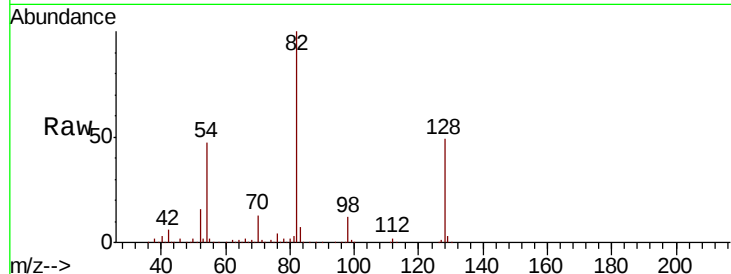
#23
Nitrobenzene-d5
Concen: 52.585 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF120863.D
Acq: 14 Jul 2020 16:18

Instrument :
BNA_F
ClientSampleId :
ST-JOES-AVE-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	35.7	53.5
54	47.3	40.9	61.3

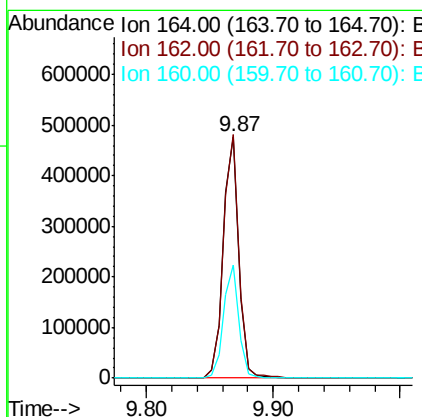
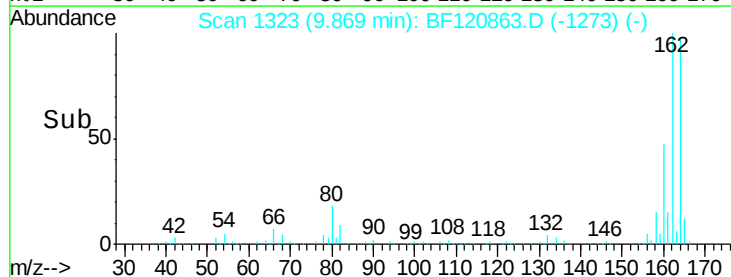
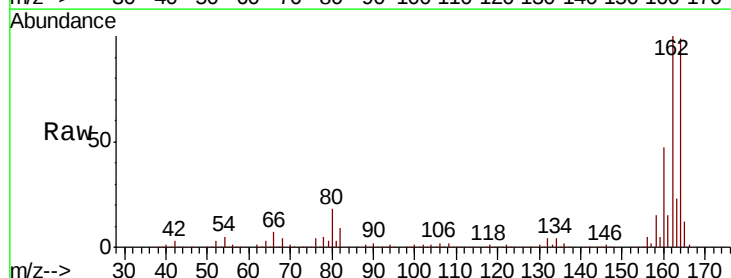
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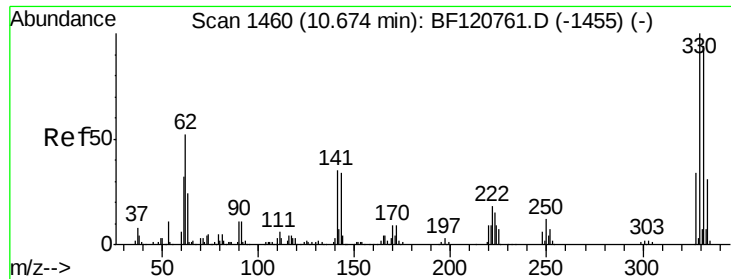
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF120863.D
Acq: 14 Jul 2020 16:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	80.2	120.2
160	47.0	36.9	55.3





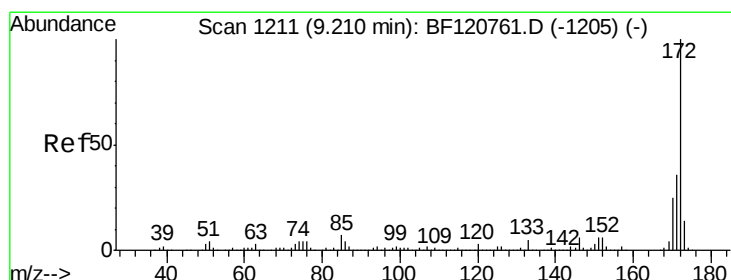
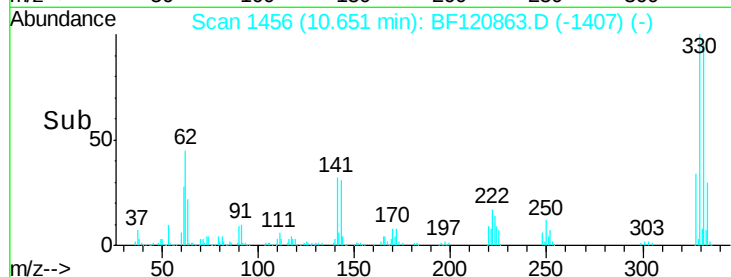
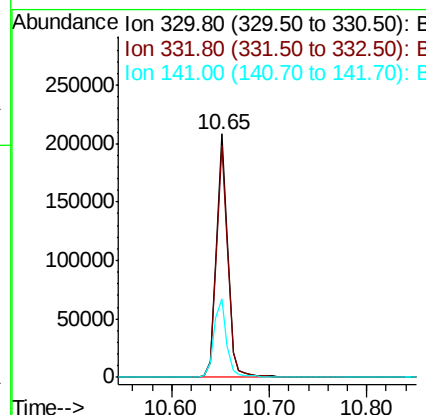
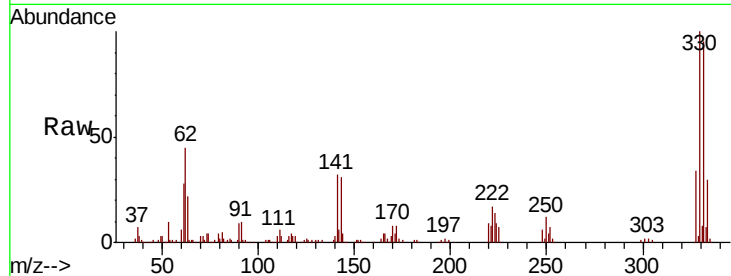
#42
 2,4,6-Tribromophenol
 Concen: 41.591 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF120863.D
 Acq: 14 Jul 2020 16:18

Instrument :
 BNA_F
 ClientSampleId :
 ST-JOES-AVE-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	75.8	113.6
141	35.6	29.7	44.5

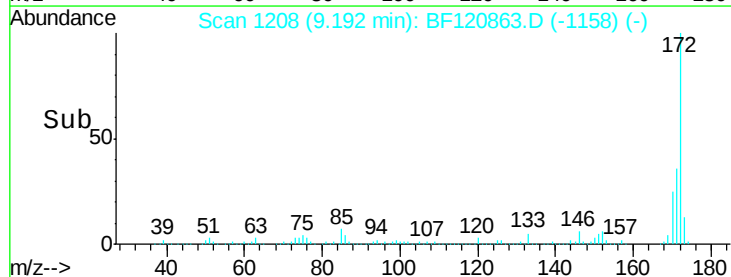
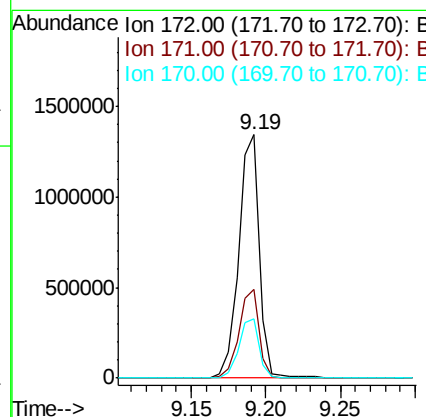
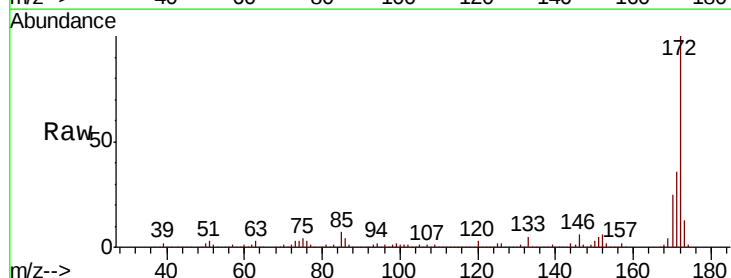
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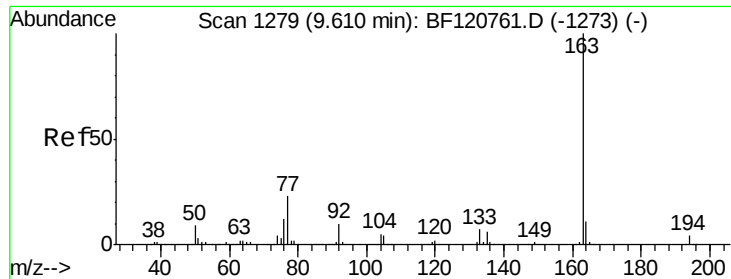
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#45
 2-Fluorobiphenyl
 Concen: 48.288 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF120863.D
 Acq: 14 Jul 2020 16:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.1	43.7
170	24.6	19.8	29.6





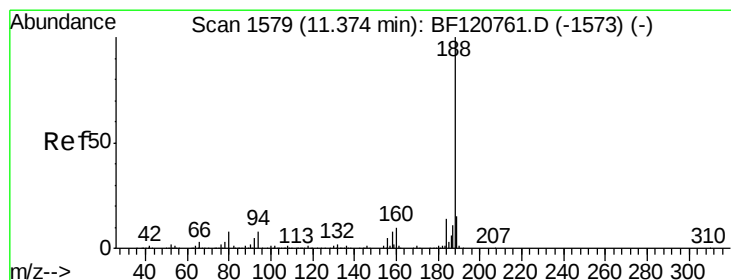
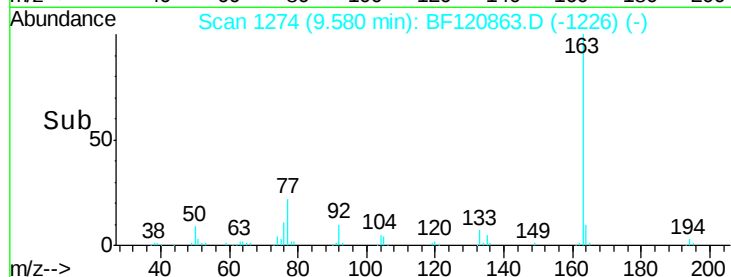
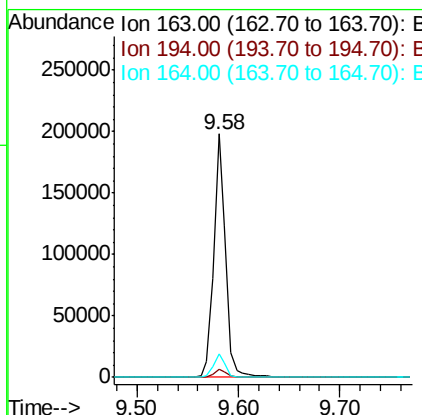
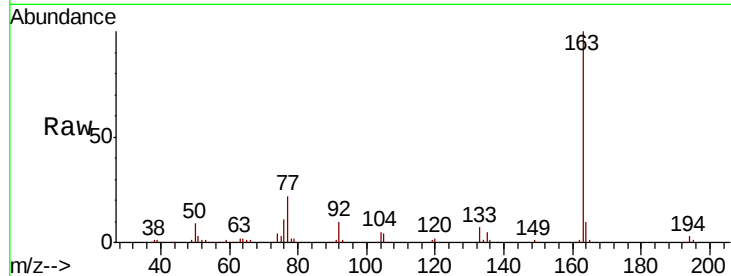
#50
Dimethylphthalate
Concen: 5.387 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF120863.D
Acq: 14 Jul 2020 16:18

Instrument :
BNA_F
ClientSampleID :
ST-JOES-AVE-2

Tot Ion	Ratio	Resp	Lower	Upper
163	100	161121		
194	3.5	2.9	4.3	
164	9.6	8.5	12.7	

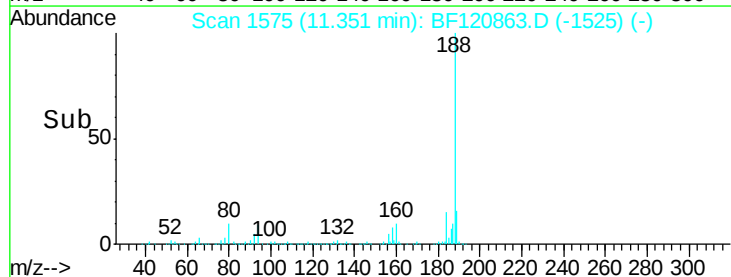
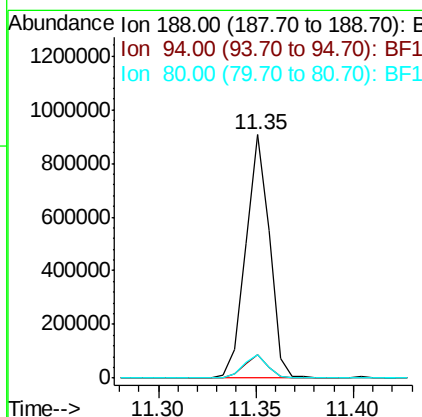
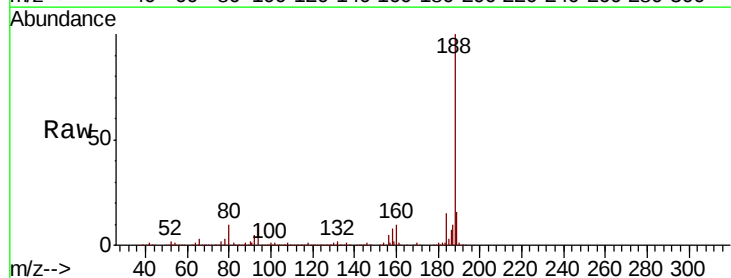
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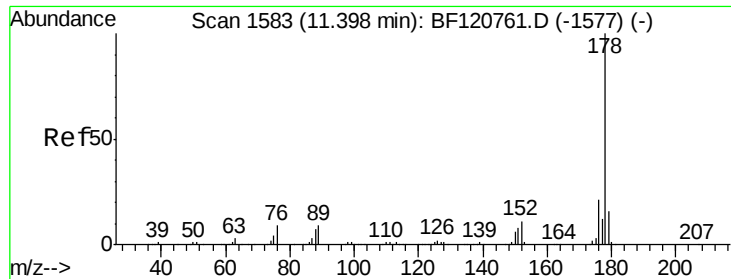
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF120863.D
Acq: 14 Jul 2020 16:18

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	767091		
94	9.4	6.6	9.8	
80	9.7	6.6	10.0	





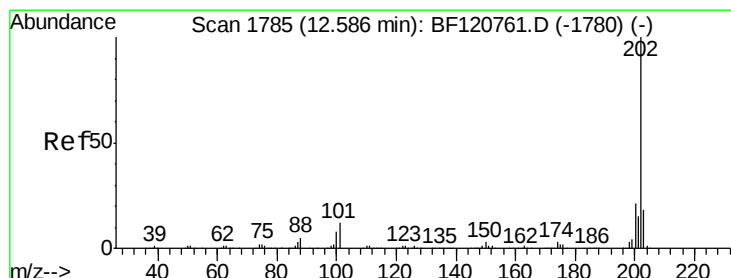
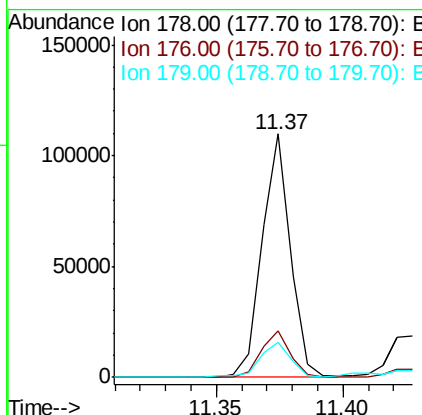
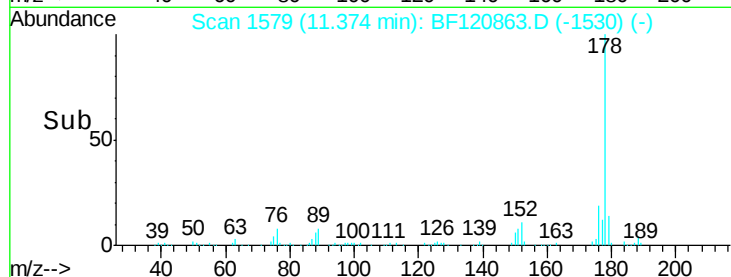
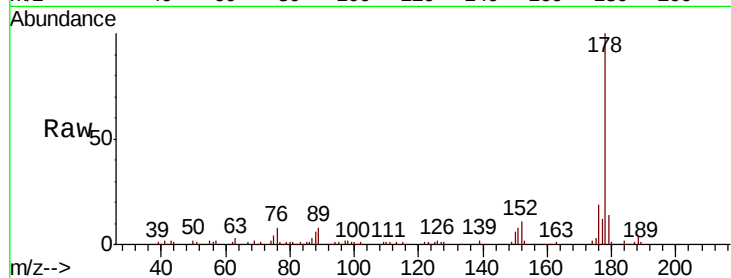
#71
Phenanthrene
Concen: 2.065 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BF120863.D
Acq: 14 Jul 2020 16:18

Instrument :
BNA_F
ClientSampleId :
ST-JOES-AVE-2

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.4	24.6
179	14.5	12.9	19.3

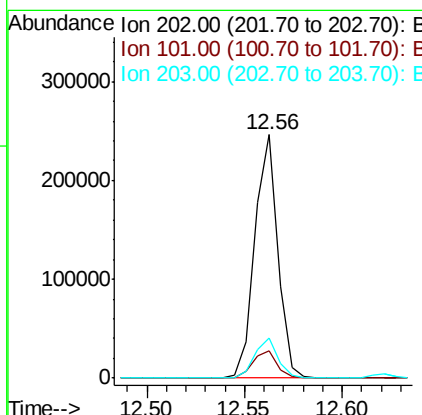
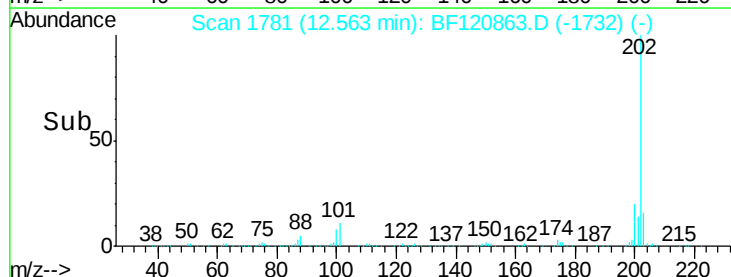
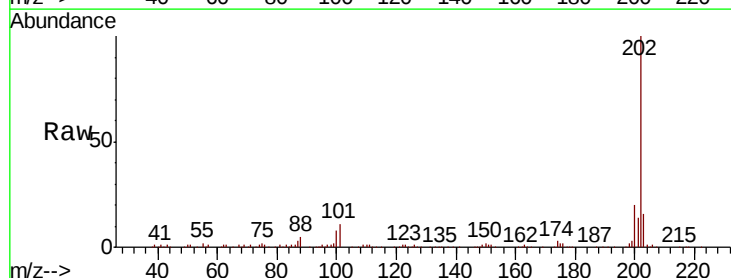
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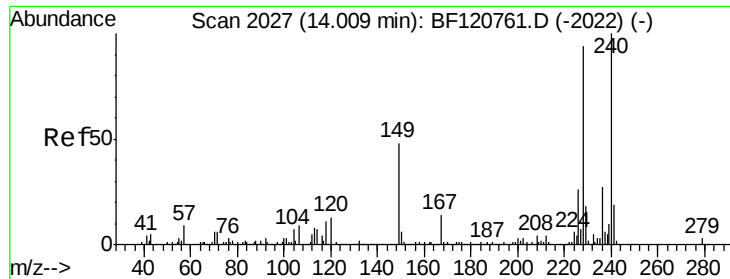
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#75
Fluoranthene
Concen: 4.549 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF120863.D
Acq: 14 Jul 2020 16:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.6
203	16.5	0.0	38.2





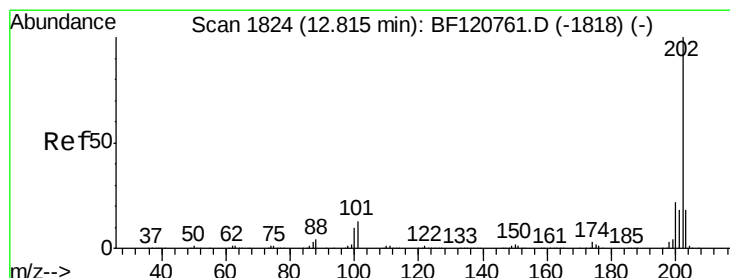
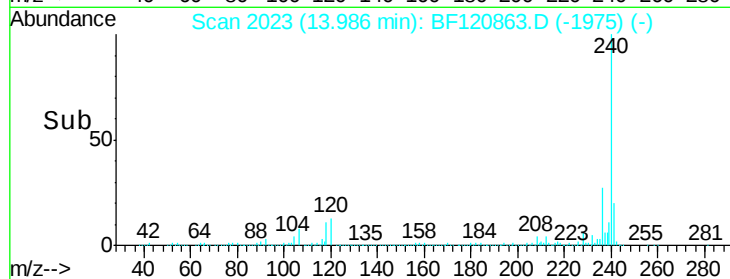
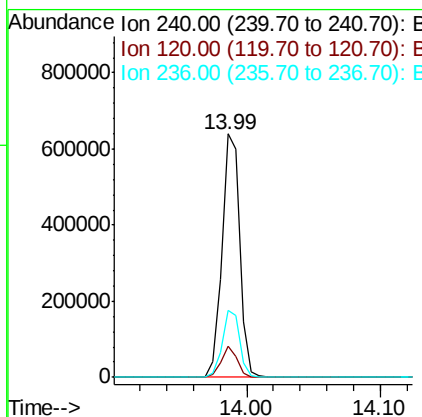
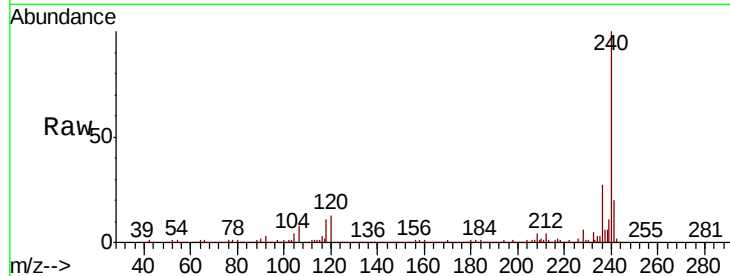
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BF120863.D
Acq: 14 Jul 2020 16:18

Instrument :
BNA_F
ClientSampleId :
ST-JOES-AVE-2

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.3	15.5
236	27.3	21.4	32.2

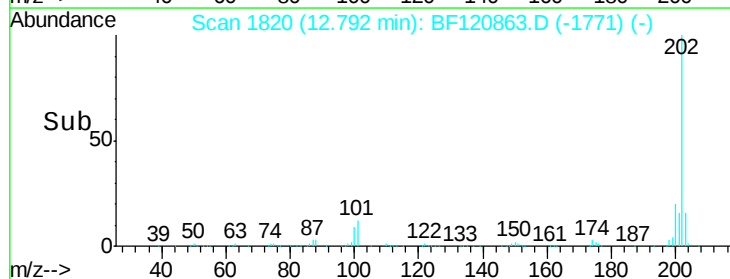
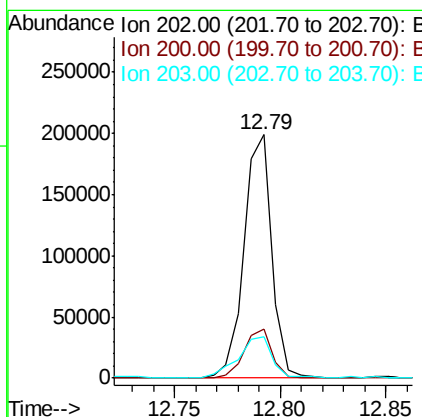
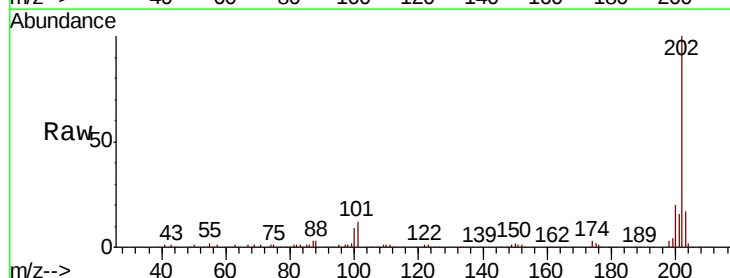
Manual Integrations
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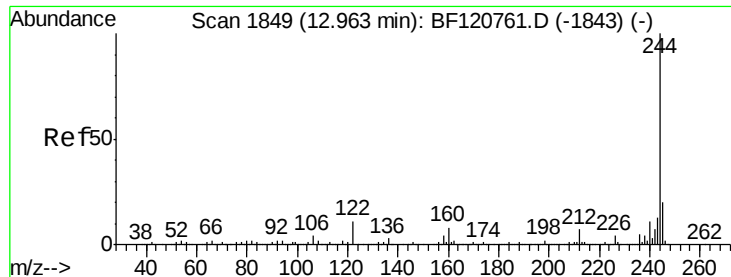
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#78
Pyrene
Concen: 3.758 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF120863.D
Acq: 14 Jul 2020 16:18

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.3	25.9
203	16.8	14.6	22.0





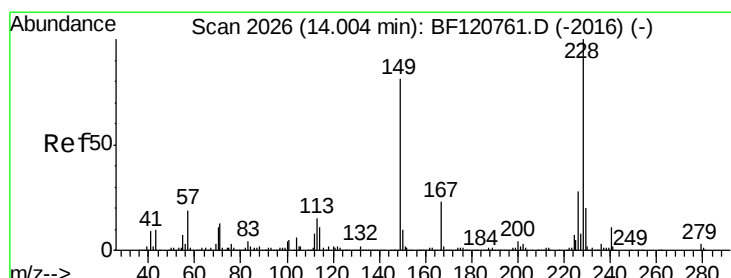
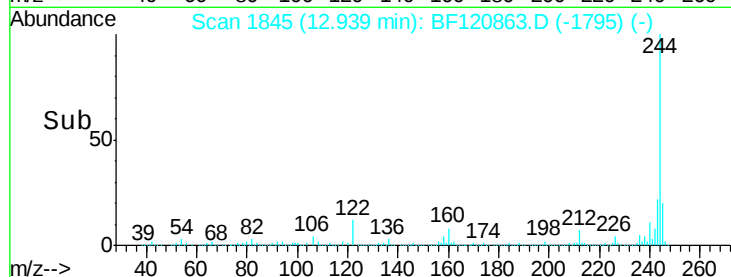
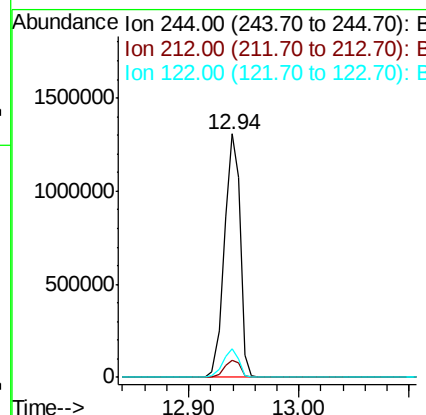
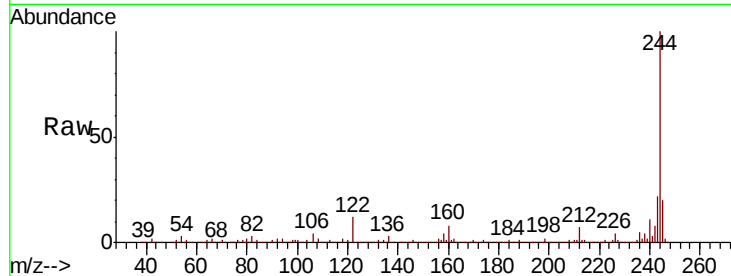
#79
 Terphenyl-d14
 Concen: 41.790 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF120863.D
 Acq: 14 Jul 2020 16:18

Instrument :
 BNA_F
 ClientSampleId :
 ST-JOES-AVE-2

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	11.9	9.0	13.4

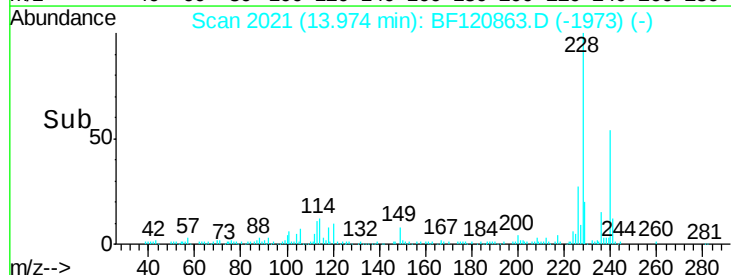
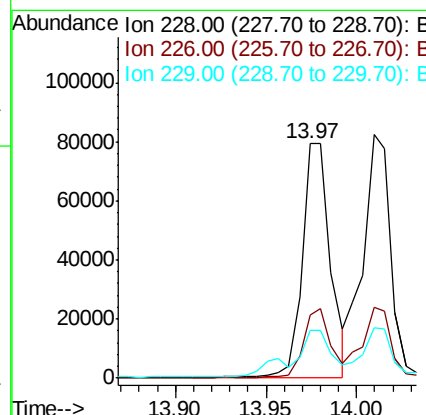
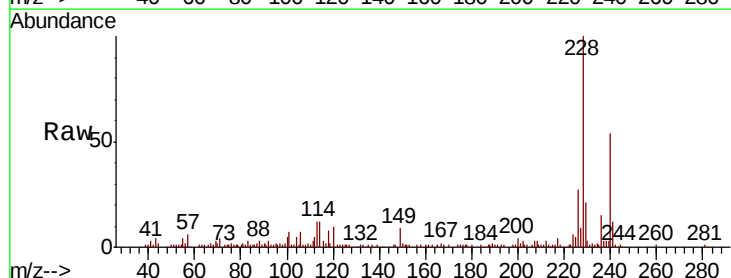
Manual Integrations
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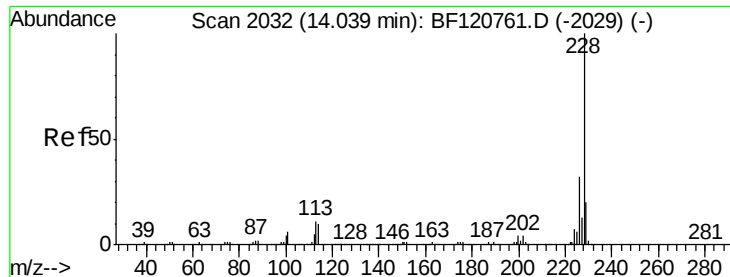
mohammad
 7/15/2020 10:59:47 AM



#81
 Benzo(a)anthracene
 Concen: 2.252 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF120863.D
 Acq: 14 Jul 2020 16:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	20.5	15.8	23.6





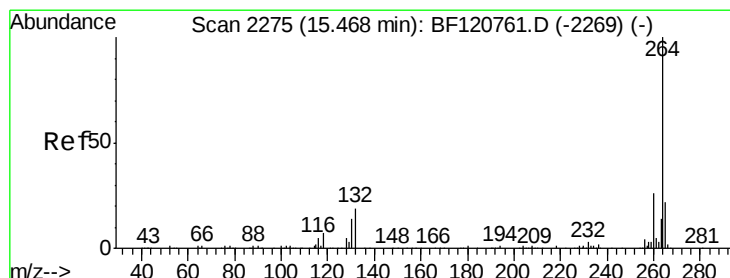
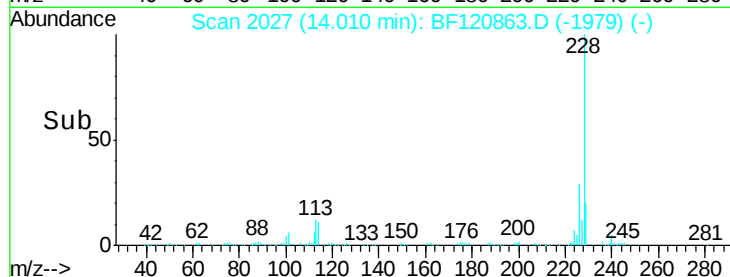
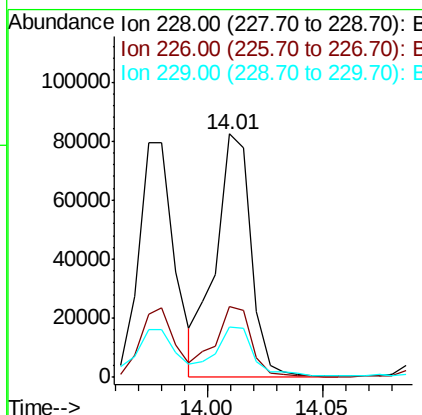
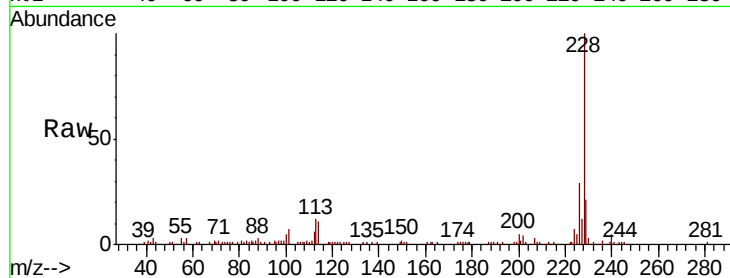
#83
Chrysene
Concen: 2.235 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.02 min
Lab File: BF120863.D
Acq: 14 Jul 2020 16:18

Instrument :
BNA_F
ClientSampleID :
ST-JOES-AVE-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	25.7	38.5
229	20.9	16.3	24.5

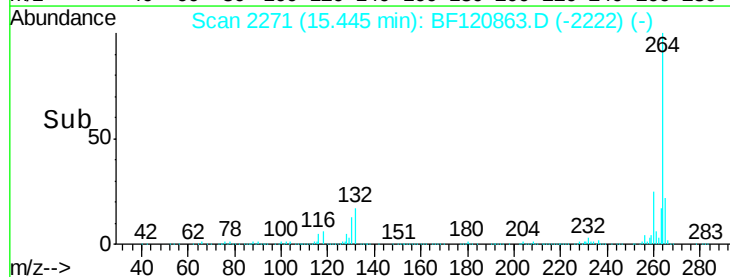
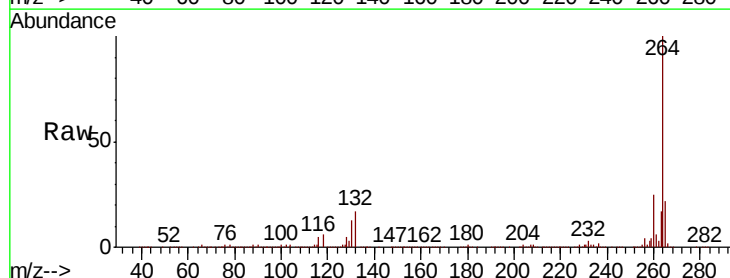
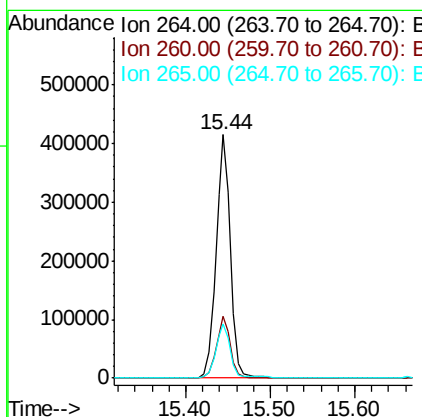
Manual Integrations
APPROVED

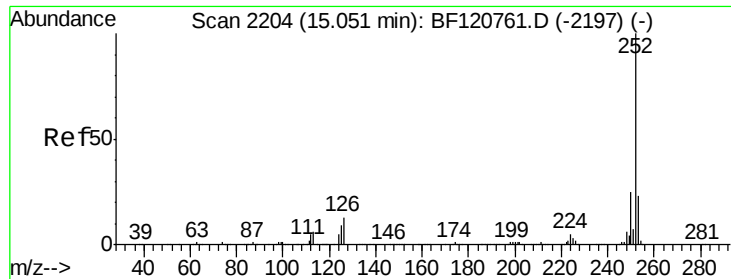
mohammad
7/15/2020 10:59:47 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF120863.D
Acq: 14 Jul 2020 16:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.6	30.8
265	22.3	17.6	26.4





#88
Benzo(b)fluoranthene
Concen: 3.194 ng m
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF120863.D
Acq: 14 Jul 2020 16:18

Instrument :
BNA_F
ClientSampleId :
ST-JOES-AVE-2

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	10.5	7.5	11.3

Manual Integrations
APPROVED

mohammad
7/15/2020 10:59:47 AM

