

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121092.D
 Acq On : 29 Jul 2020 3:00
 Operator : JU/CG
 Sample : L3414-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 61820

Manual Integrations
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mohammad
 7/29/2020 11:48:01 AM

Quant Time: Jul 29 05:35:38 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	174406	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	611919	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	327017	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	678795	20.00	ng	0.00
76) Chrysene-d12	13.97	240	472590	20.00	ng	0.00
86) Perylene-d12	15.43	264	443641	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	158125	14.86	ng	0.00
7) Phenol-d6	6.45	99	187240	13.62	ng	0.00
23) Nitrobenzene-d5	7.37	82	111701	10.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.64	330	58595	16.37	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	238015	10.87	ng	0.00
79) Terphenyl-d14	12.92	244	300505	13.82	ng	0.00
Target Compounds						
75) Fluoranthene	12.55	202	114891	2.969	ng	98
78) Pyrene	12.77	202	143167	4.285	ng	99
81) Benzo(a)anthracene	13.96	228	57757	2.018	ng	# 88
83) Chrysene	14.00	228	62444	2.076	ng	96
88) Benzo(b)fluoranthene	15.00	252	79487m	2.964	ng	
90) Benzo(a)pyrene	15.36	252	57759	2.361	ng	# 86

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

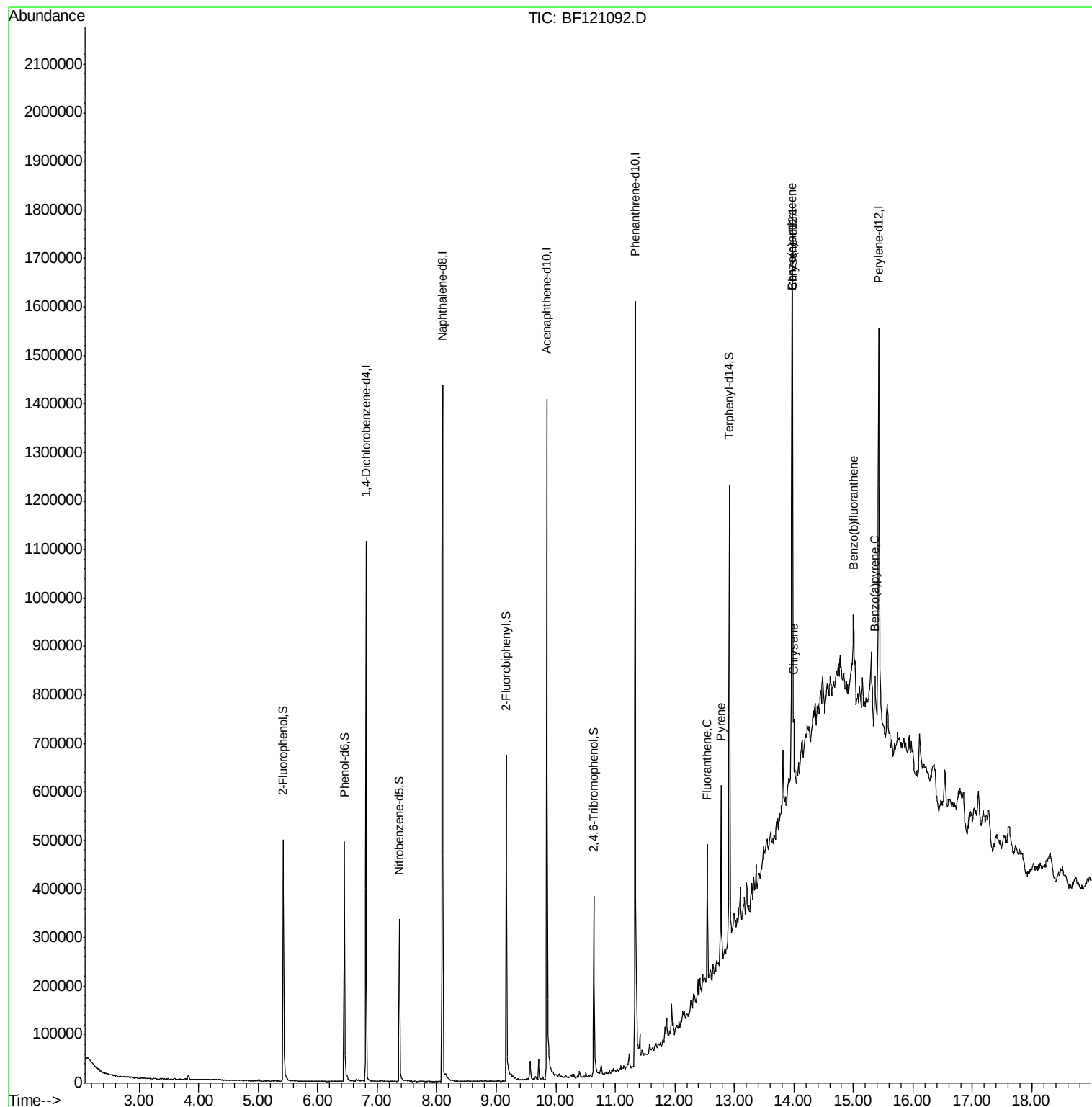
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
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Acq On : 29 Jul 2020 3:00
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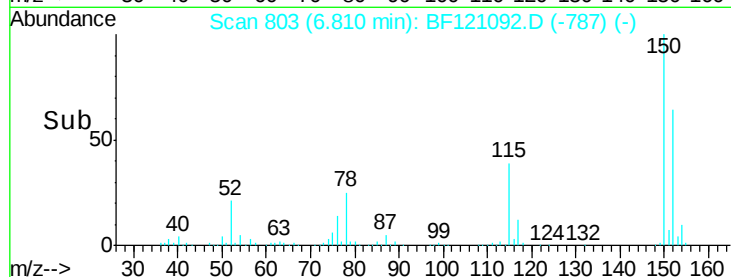
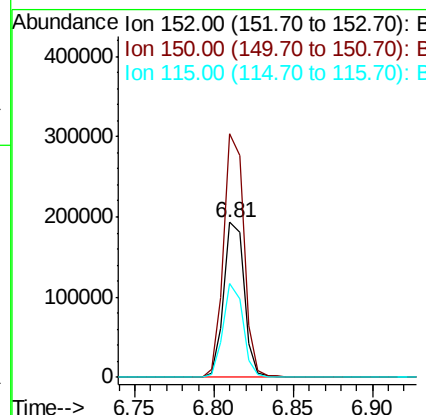
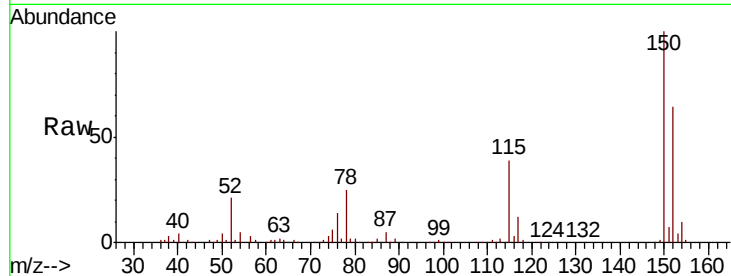
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BF121092.D
 Acq: 29 Jul 2020 3:00

Instrument :
 BNA_F
 ClientSampleId :
 61820

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	125.0	187.6
115	60.5	47.0	70.4

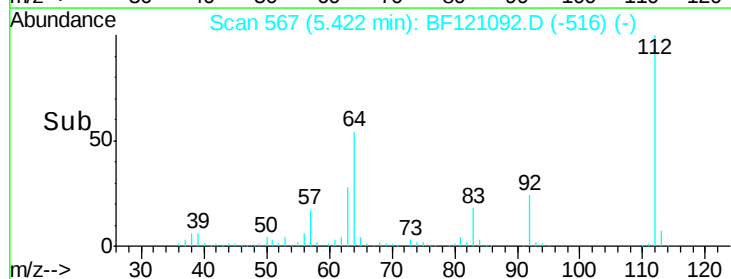
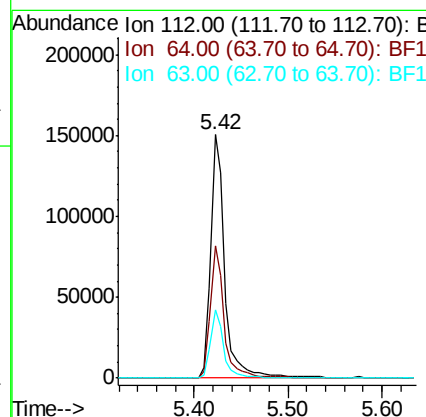
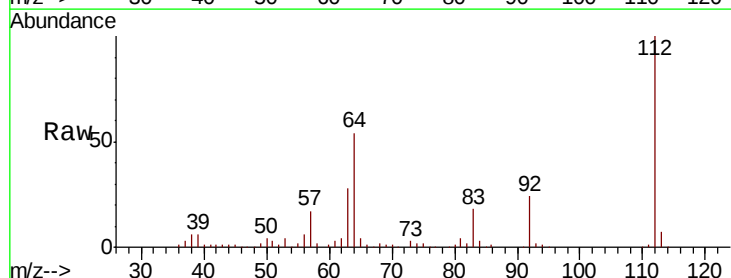
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#5
 2-Fluorophenol
 Concen: 14.863 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: BF121092.D
 Acq: 29 Jul 2020 3:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	41.3	61.9
63	28.3	21.1	31.7





#7

Phenol-d6

Concen: 13.625 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121092.D

Acq: 29 Jul 2020 3:00

Instrument :

BNA_F

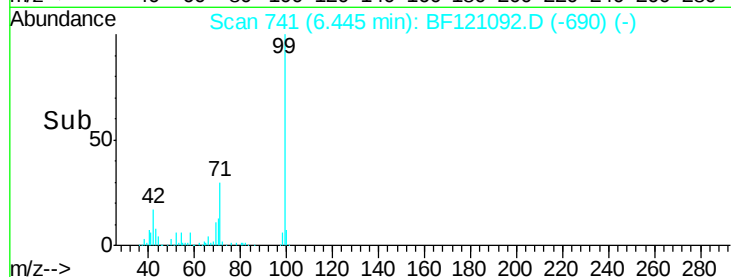
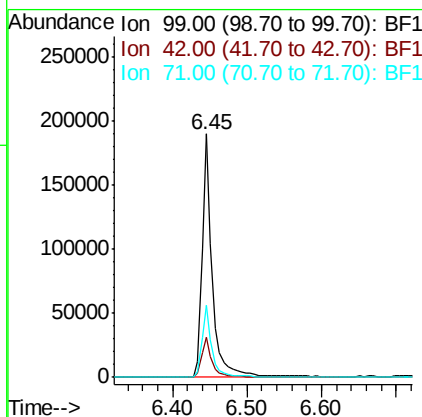
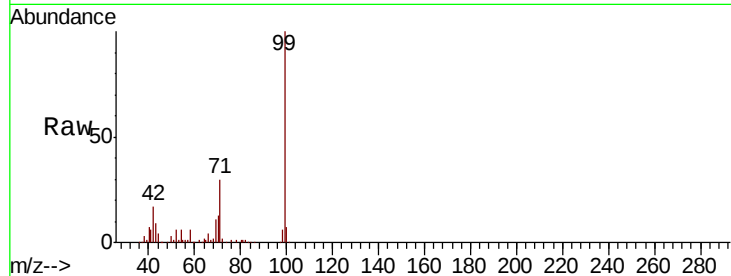
ClientSampleId :

61820

Tot Ion:	99	Resp:	187240
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.1	19.7
71	29.8	24.2	36.4

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#21

Naphthalene-d8

Concen: 20.000 ng

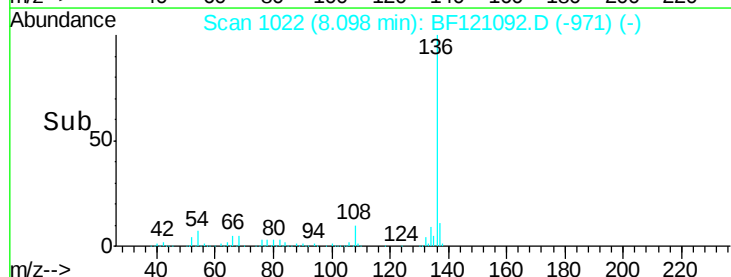
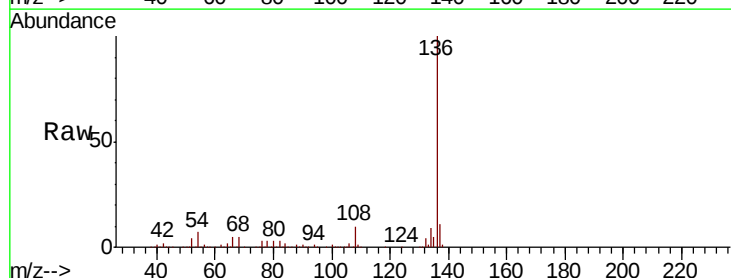
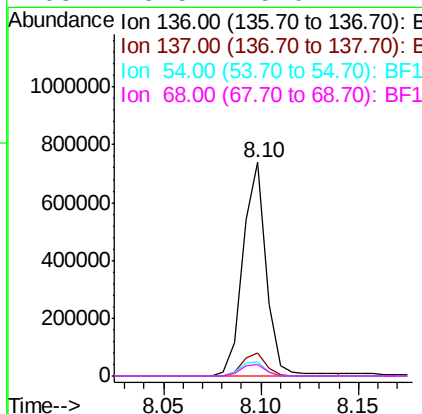
RT: 8.10 min Scan# 1022

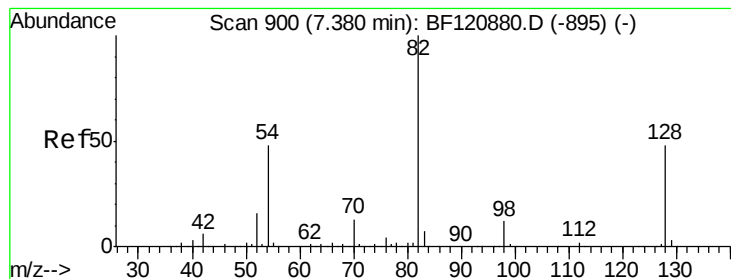
Delta R.T. 0.00 min

Lab File: BF121092.D

Acq: 29 Jul 2020 3:00

Tgt Ion:	136	Resp:	611919
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	6.8	6.3	9.5
68	5.5	5.0	7.4





#23

Nitrobenzene-d5

Concen: 10.562 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF121092.D

Acq: 29 Jul 2020 3:00

Instrument :

BNA_F

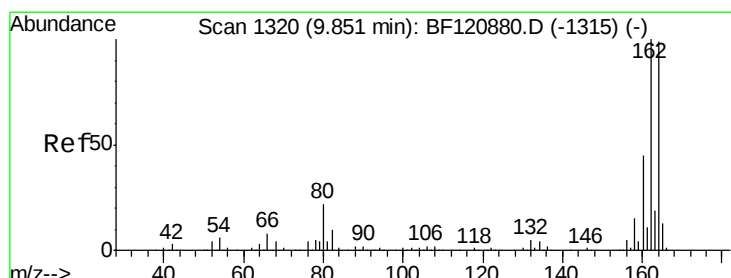
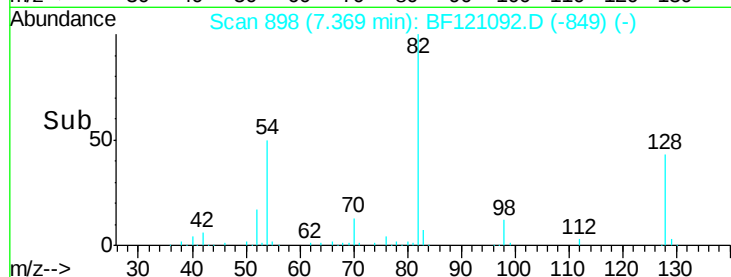
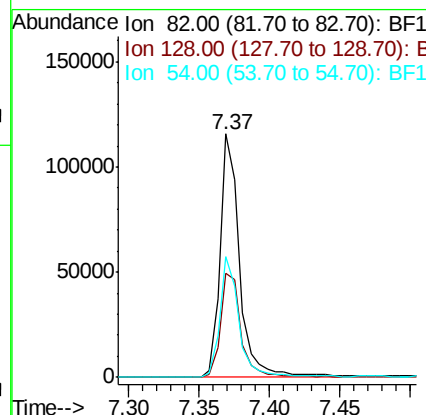
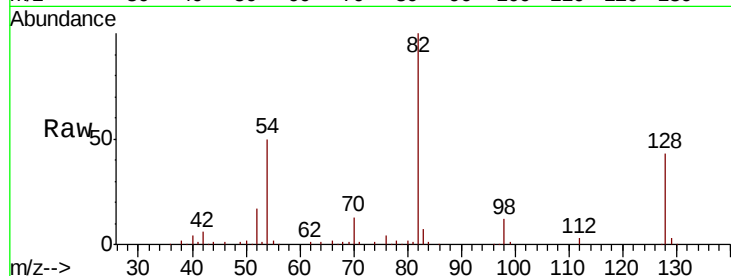
ClientSampleId :

61820

Tot Ion:	82	Resp:	111701
Ion Ratio	Lower	Upper	
82	100		
128	42.5	38.2	57.4
54	49.7	38.7	58.1

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#39

Acenaphthene-d10

Concen: 20.000 ng

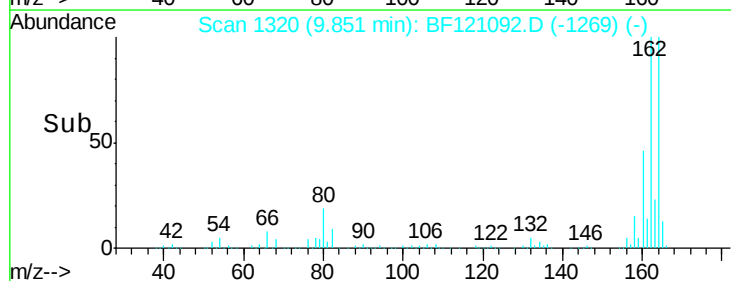
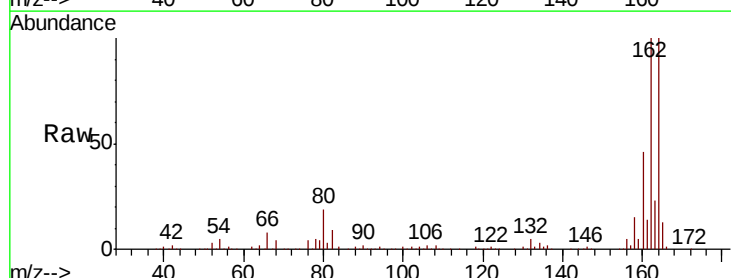
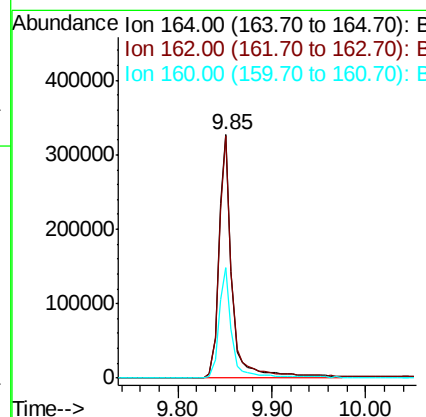
RT: 9.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BF121092.D

Acq: 29 Jul 2020 3:00

Tgt Ion:	164	Resp:	327017
Ion Ratio	Lower	Upper	
164	100		
162	99.6	81.2	121.8
160	45.5	36.9	55.3





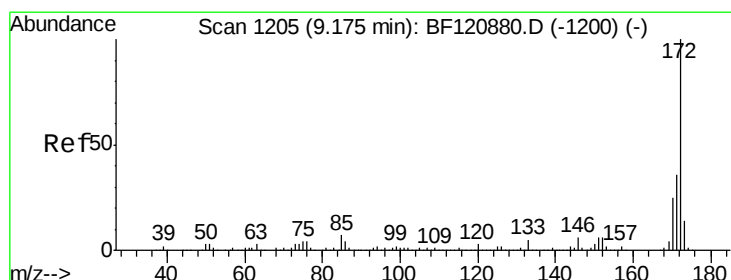
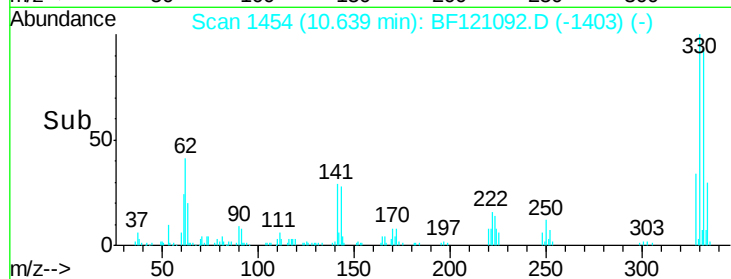
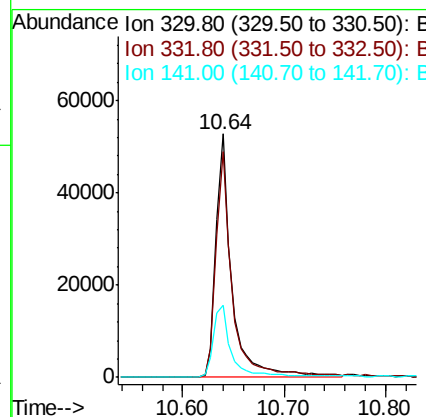
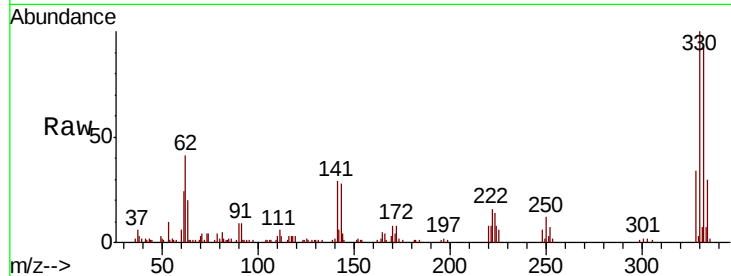
#42
 2,4,6-Tribromophenol
 Concen: 16.369 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF121092.D
 Acq: 29 Jul 2020 3:00

Instrument :
 BNA_F
 ClientSampleId :
 61820

Tot Ion	Ratio	Resp	Lower	Upper
330	100	58595		
332	94.6		75.5	113.3
141	33.0		25.7	38.5

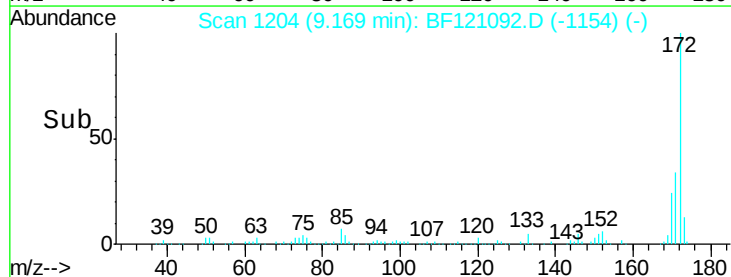
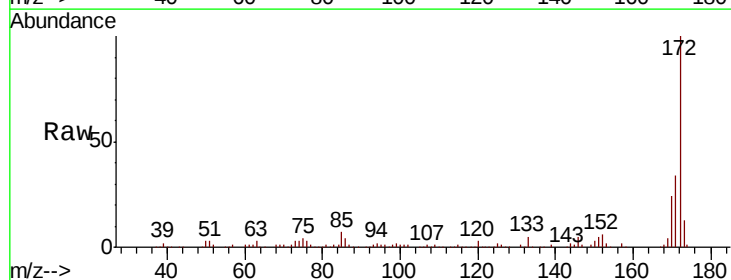
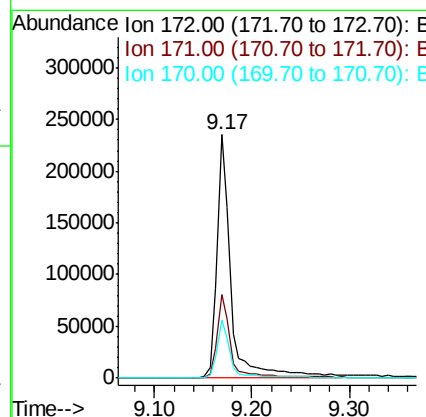
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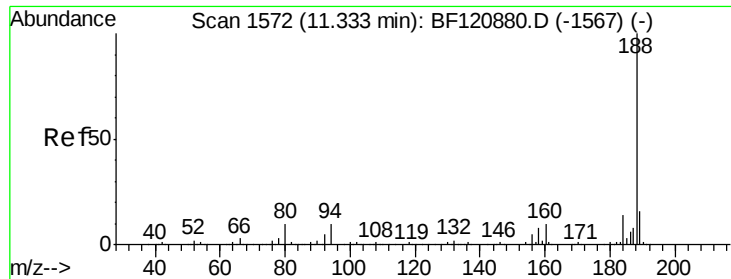
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#45
 2-Fluorobiphenyl
 Concen: 10.867 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121092.D
 Acq: 29 Jul 2020 3:00

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	238015		
171	34.2		29.0	43.4
170	23.7		19.6	29.4





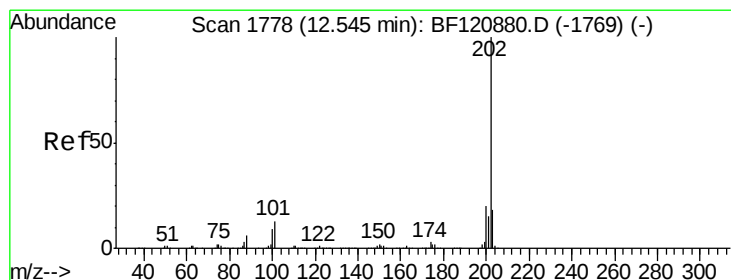
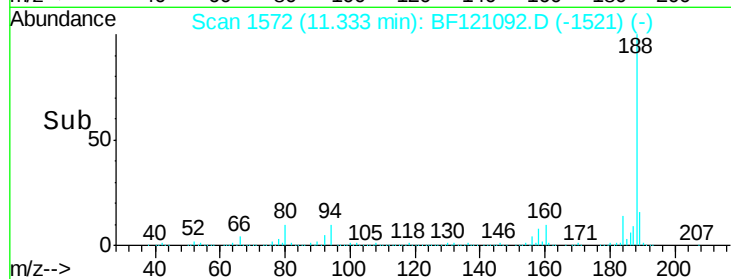
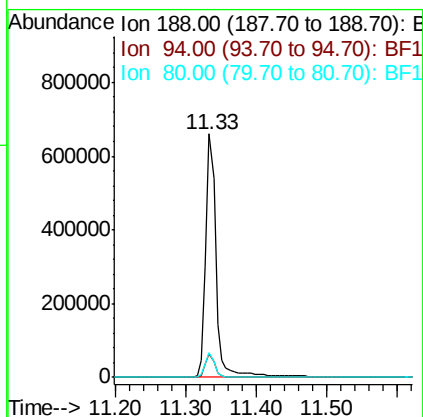
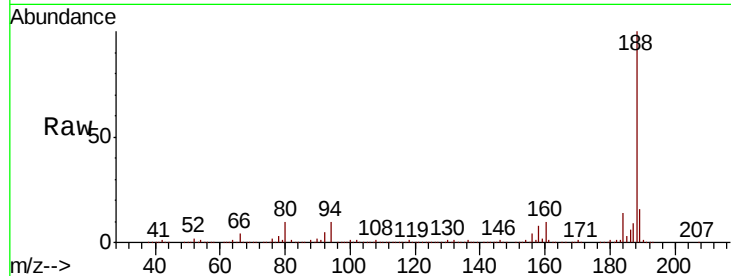
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF121092.D
Acq: 29 Jul 2020 3:00

Instrument :
BNA_F
ClientSampleId :
61820

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.6	8.0	12.0
80	10.2	8.3	12.5

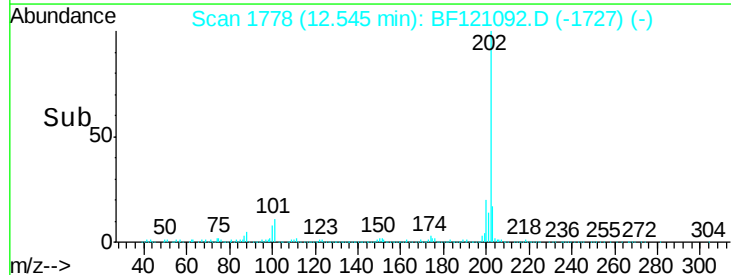
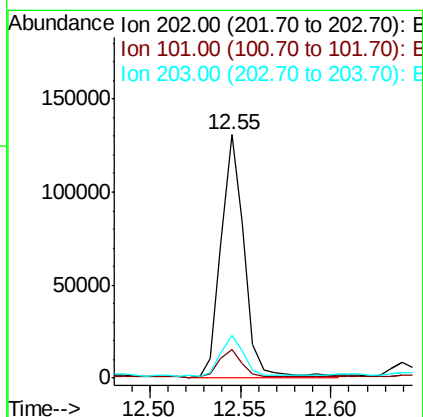
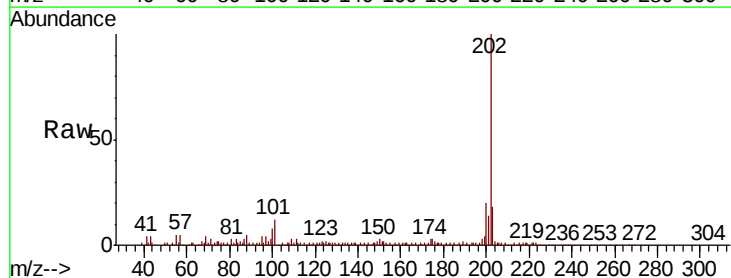
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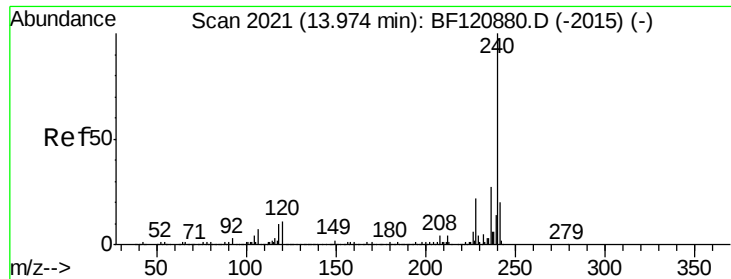
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#75
Fluoranthene
Concen: 2.969 ng
RT: 12.55 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF121092.D
Acq: 29 Jul 2020 3:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.5	0.0	32.7
203	17.7	0.0	38.0





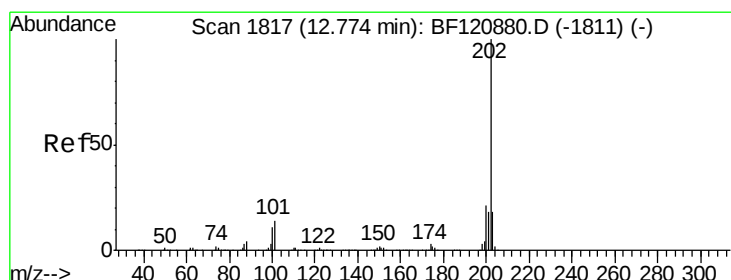
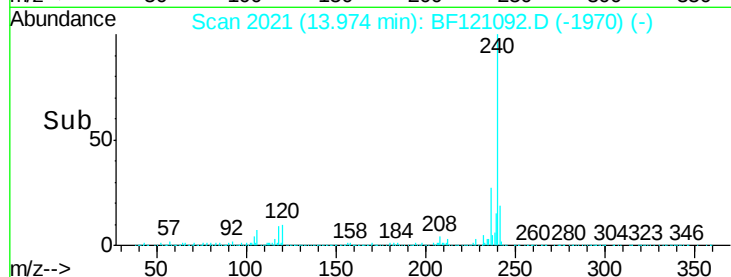
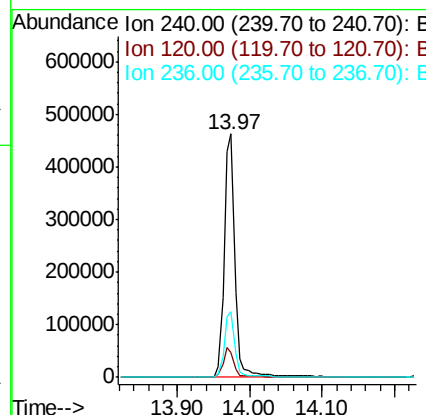
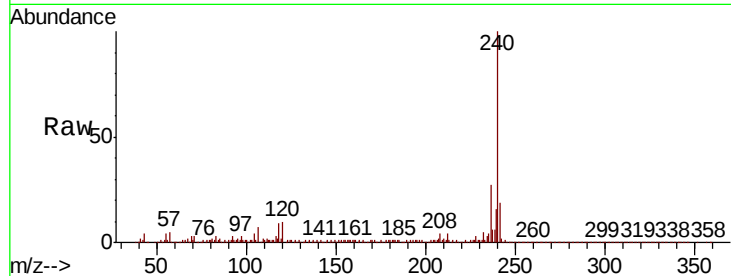
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF121092.D
Acq: 29 Jul 2020 3:00

Instrument :
BNA_F
ClientSampleId :
61820

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.0	13.4
236	26.7	21.7	32.5

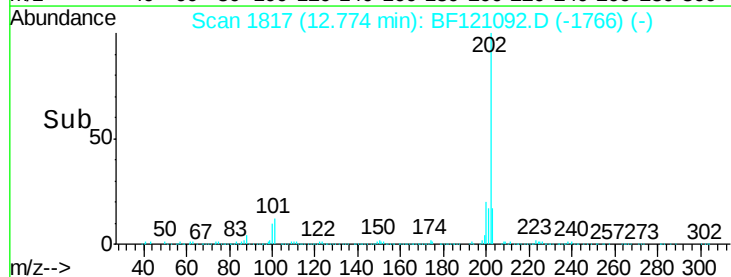
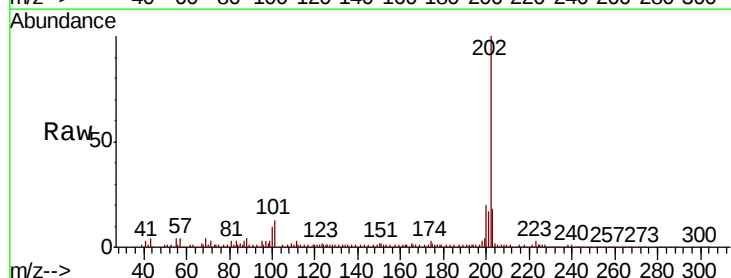
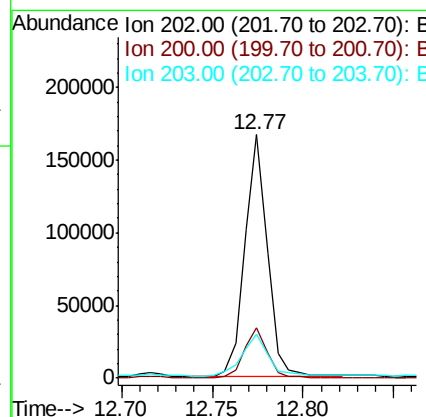
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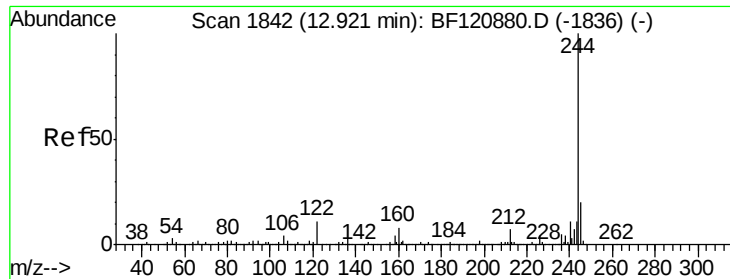
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#78
Pyrene
Concen: 4.285 ng
RT: 12.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BF121092.D
Acq: 29 Jul 2020 3:00

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.0	25.4
203	18.2	14.4	21.6





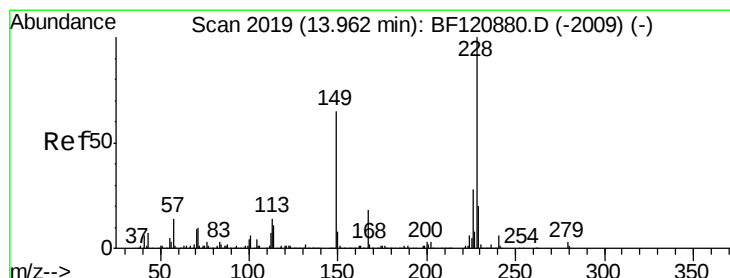
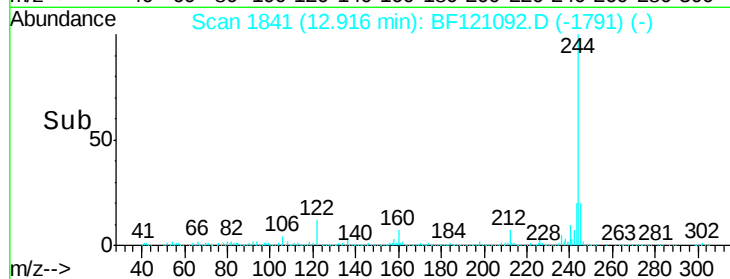
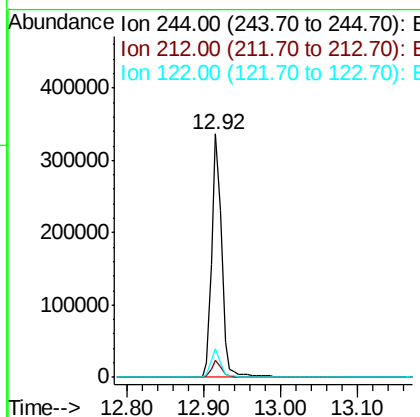
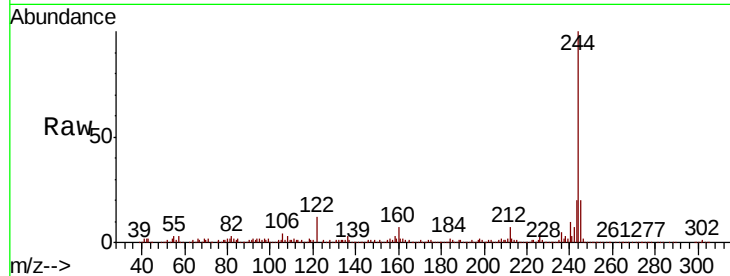
#79
 Terphenyl-d14
 Concen: 13.822 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF121092.D
 Acq: 29 Jul 2020 3:00

Instrument :
 BNA_F
 ClientSampled :
 61820

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.8	8.9	13.3

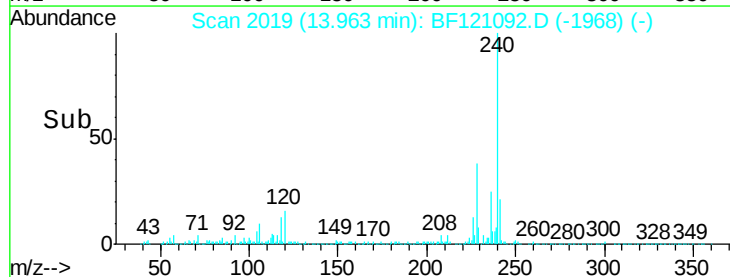
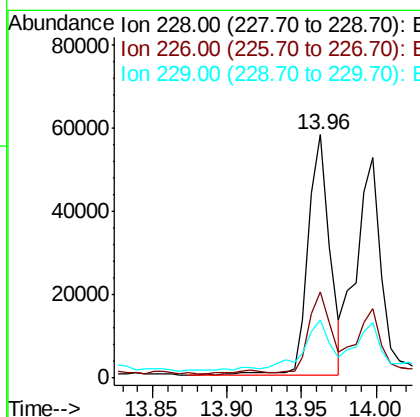
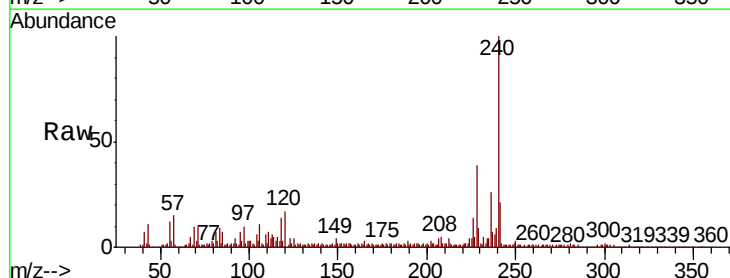
Manual Integrations
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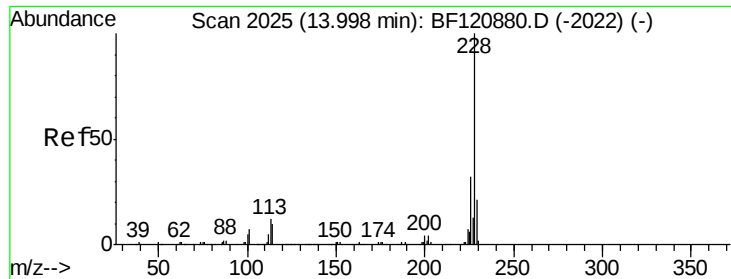
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#81
 Benzo(a)anthracene
 Concen: 2.018 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF121092.D
 Acq: 29 Jul 2020 3:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.4	22.3	33.5#
229	23.8	16.1	24.1





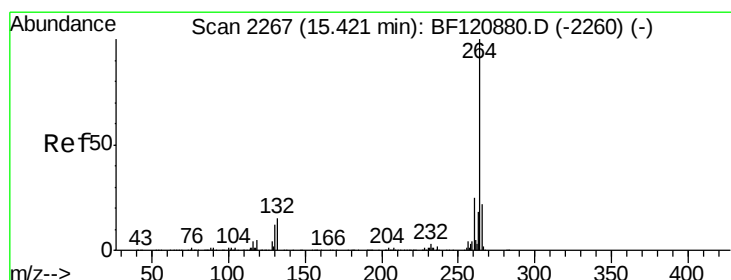
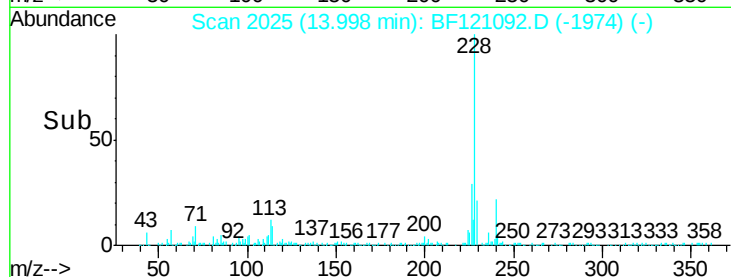
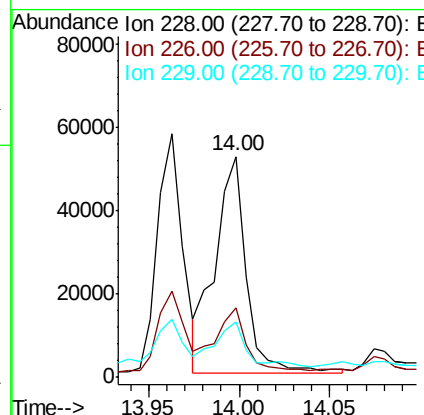
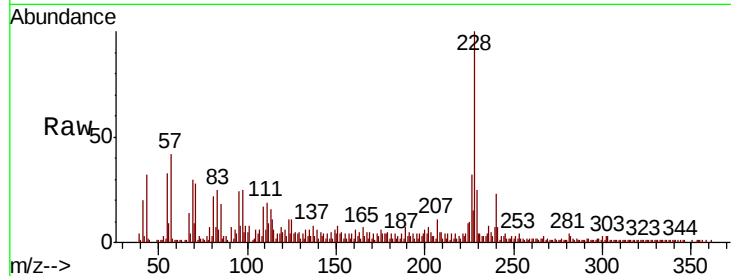
#83
Chrysene
Concen: 2.076 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF121092.D
Acq: 29 Jul 2020 3:00

Instrument :
BNA_F
ClientSampleId :
61820

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.6	38.4
229	24.8	16.8	25.2

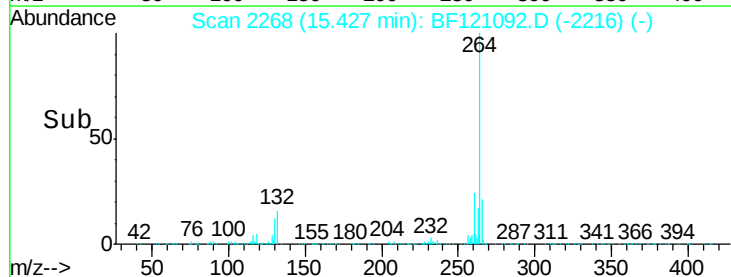
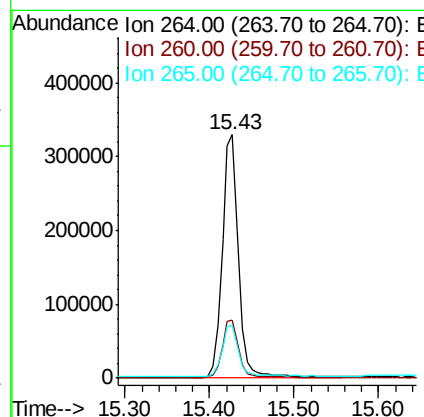
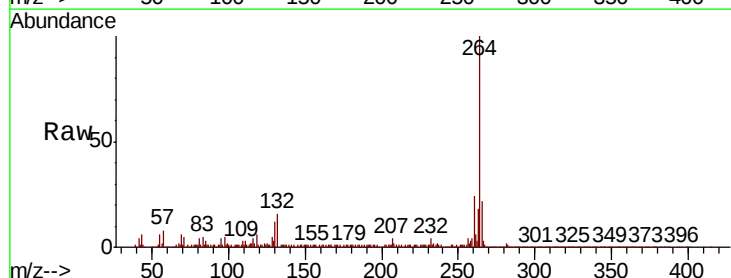
Manual Integrations
APPROVED

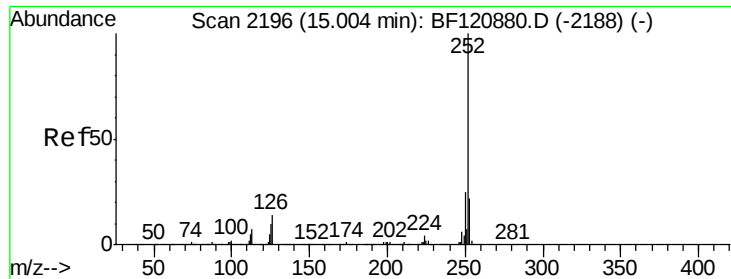
mohammad
7/29/2020 11:48:01 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BF121092.D
Acq: 29 Jul 2020 3:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	20.0	30.0
265	21.8	17.4	26.2





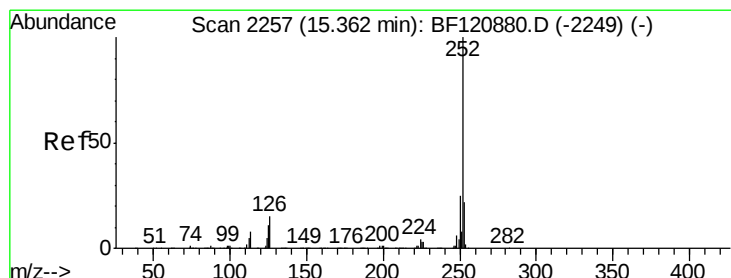
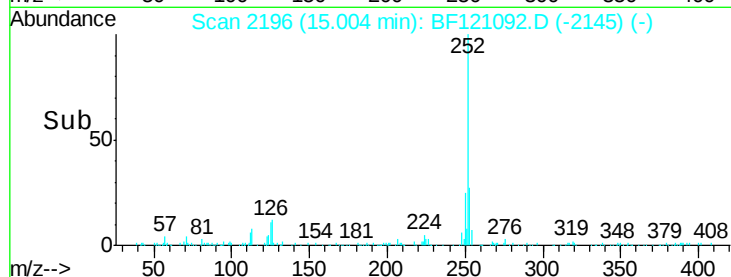
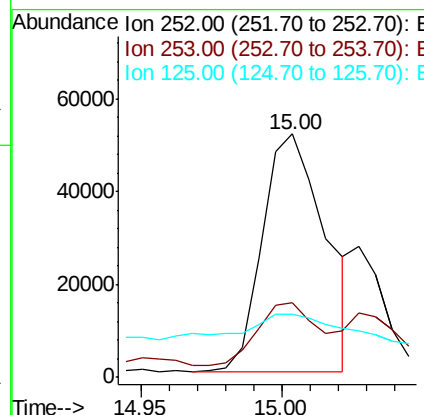
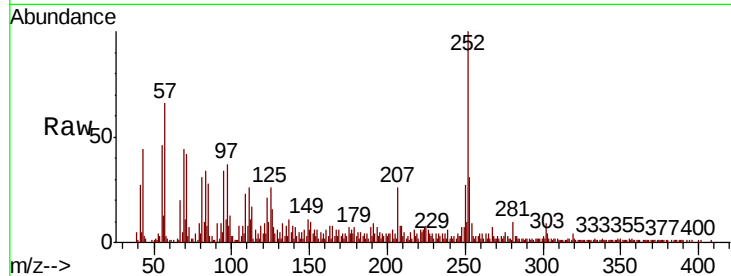
#88
Benzo(b)fluoranthene
Concen: 2.964 ng m
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF121092.D
Acq: 29 Jul 2020 3:00

Instrument :
BNA_F
ClientSampleId :
61820

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.6	18.0	27.0#
125	26.0	8.3	12.5#

Manual Integrations
APPROVED

mohammad
7/29/2020 11:48:01 AM



#90
Benzo(a)pyrene
Concen: 2.361 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121092.D
Acq: 29 Jul 2020 3:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.8
125	23.9	8.9	13.3#

