

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
 Data File : BF120200.D
 Acq On : 24 Apr 2020 14:18
 Operator : MA/SJ
 Sample : L2117-06 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-042220

Manual Integrations
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Quant Time: Apr 24 14:56:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 10:24:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	132233	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	524399	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	244336	20.00	ng	0.00
64) Phenanthrene-d10	11.18	188	393366	20.00	ng	0.00
76) Chrysene-d12	13.82	240	251544	20.00	ng	-0.01
87) Perylene-d12	15.22	264	238176	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	168585	22.03	ng	0.00
7) Phenol-d6	6.31	99	227668	23.09	ng	0.00
23) Nitrobenzene-d5	7.22	82	130214	12.85	ng	-0.02
42) 2,4,6-Tribromophenol	10.49	330	50019	16.72	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	300318	17.45	ng	0.00
79) Terphenyl-d14	12.77	244	232283	15.54	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.42	163	39400	2.085	ng	99
71) Phenanthrene	11.20	178	63127	3.015	ng	96
75) Fluoranthene	12.39	202	78395	3.471	ng	97
78) Pyrene	12.62	202	83267	3.927	ng	96
81) Benzo(a)anthracene	13.80	228	34859	2.107	ng	# 93
83) Chrysene	13.84	228	35493	2.111	ng	# 94
88) Benzo(b)fluoranthene	14.82	252	40476m	2.362	ng	

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

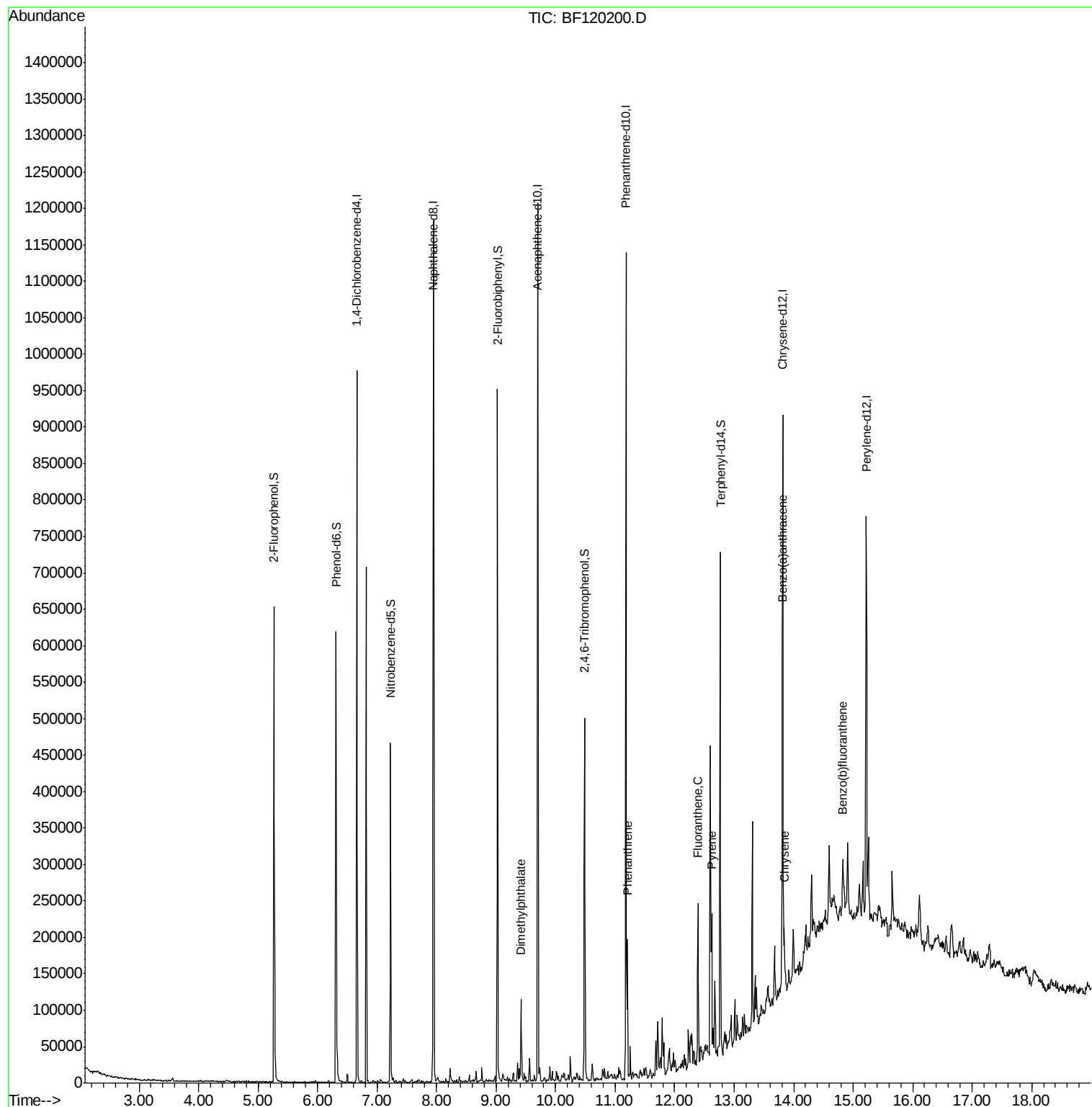
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042420\
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ALS Vial : 36 Sample Multiplier: 1

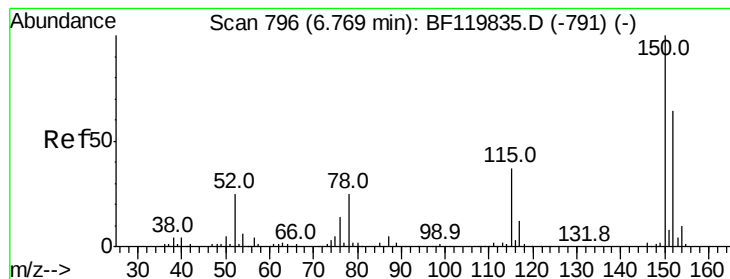
Instrument :
BNA_F
ClientSampled :
OK-01-042220

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

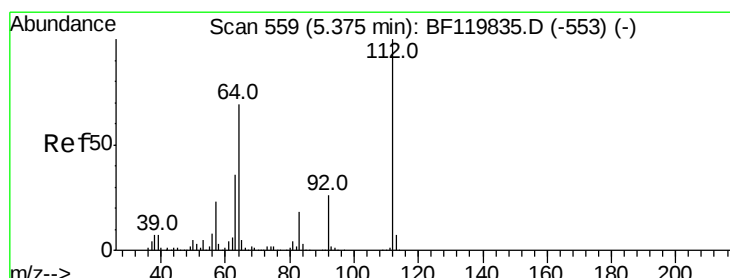
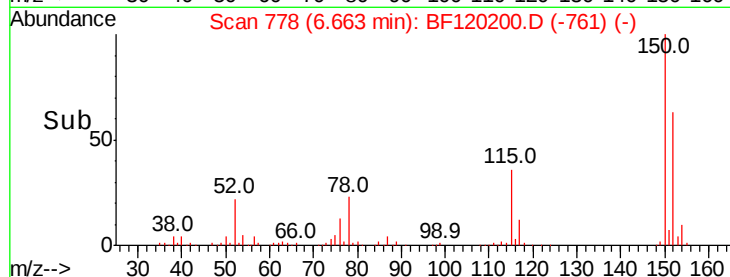
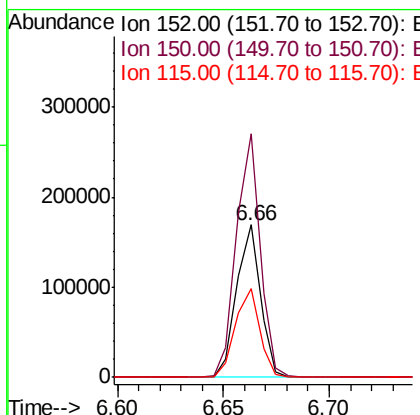
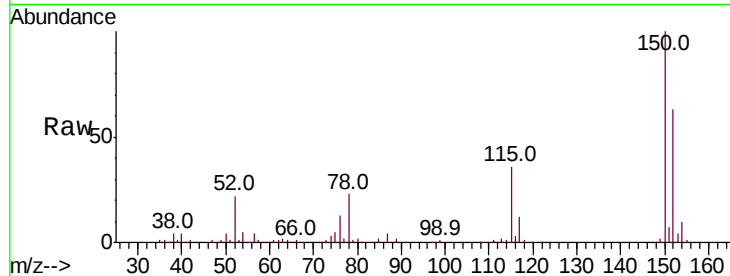
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF120200.D
Acq: 24 Apr 2020 14:18

Instrument :
BNA_F
ClientSampleId :
OK-01-042220

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.5	186.7
115	57.9	49.6	74.4

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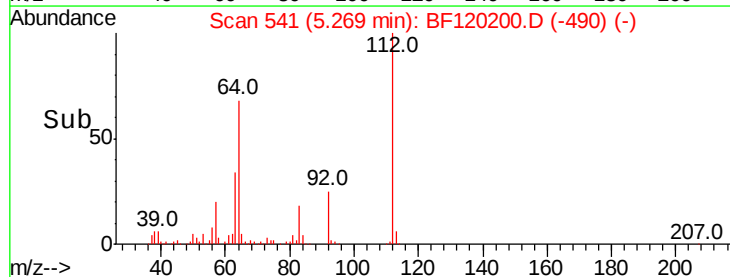
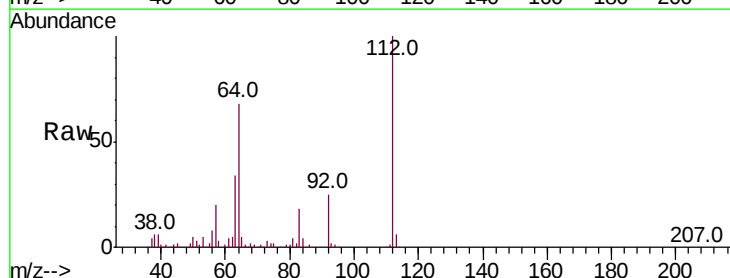
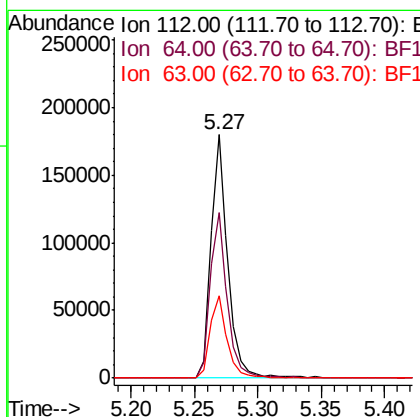
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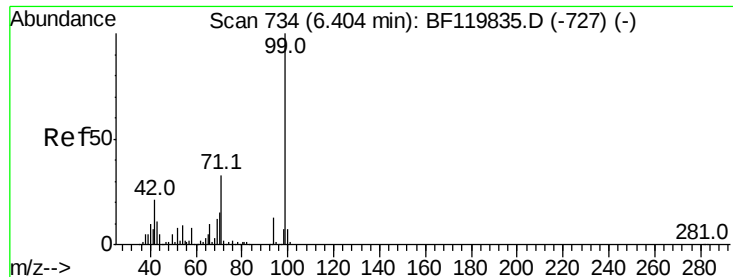


#5

2-Fluorophenol
Concen: 22.033 ng
RT: 5.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF120200.D
Acq: 24 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	56.7	85.1
63	33.6	29.5	44.3





#7

Phenol-d6

Concen: 23.091 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF120200.D

Acq: 24 Apr 2020 14:18

Instrument :

BNA_F

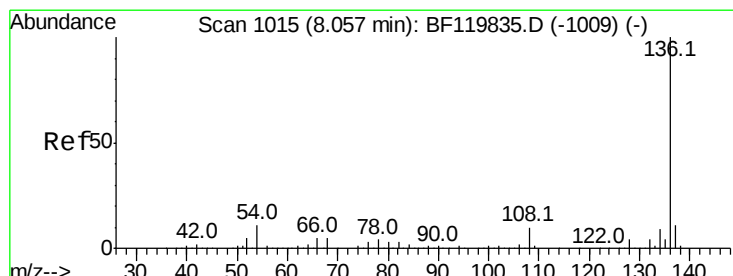
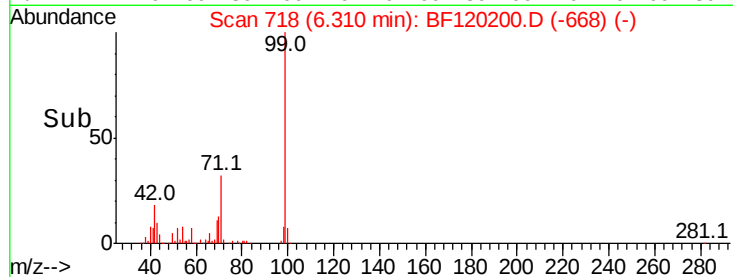
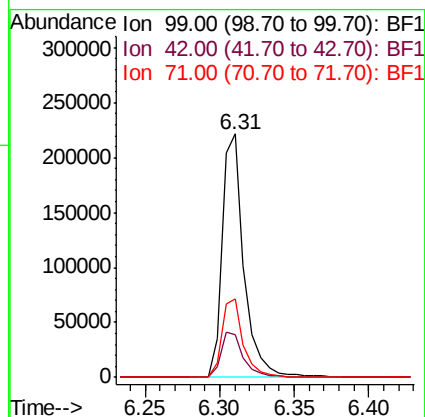
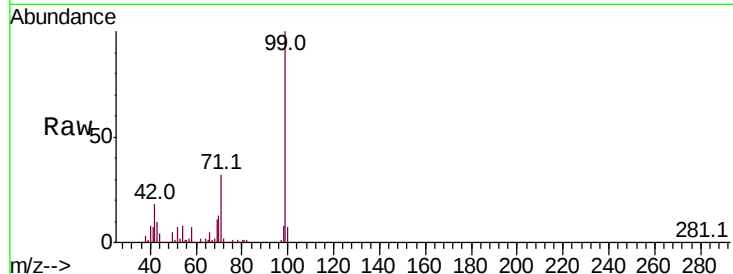
ClientSampleId :

OK-01-042220

Tot Ion	99	Resp	227668
Ion Ratio	Lower	Upper	
99	100		
42	17.6	16.6	24.8
71	32.0	26.4	39.6

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#21

Naphthalene-d8

Concen: 20.000 ng

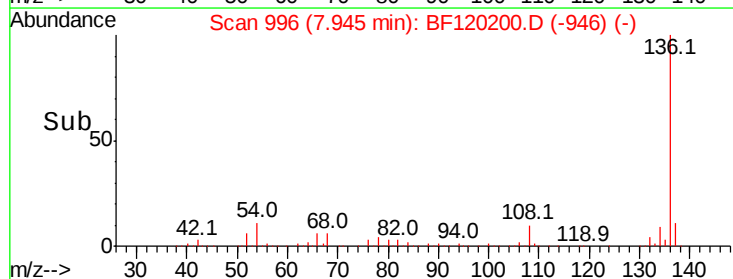
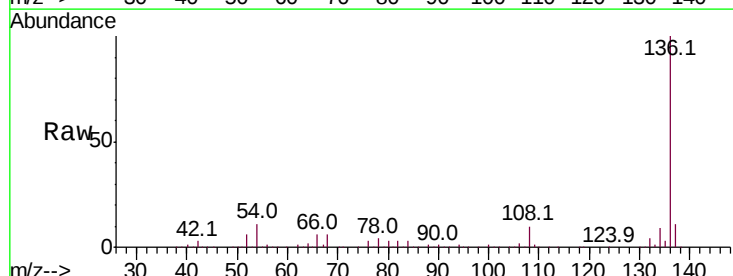
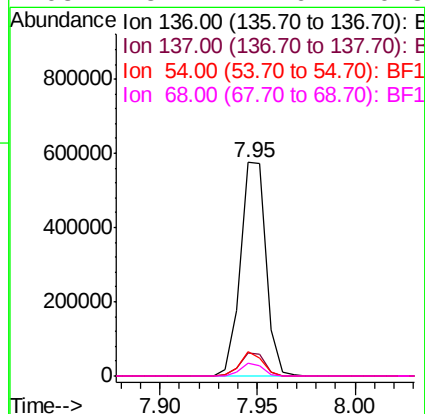
RT: 7.95 min Scan# 996

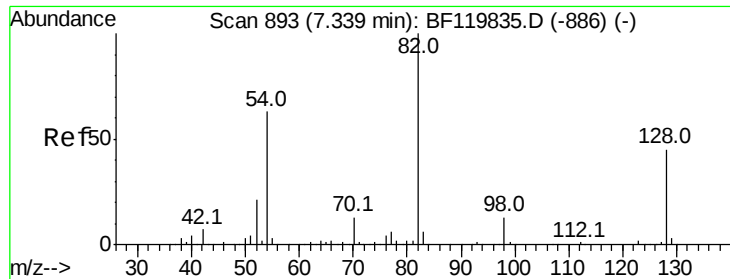
Delta R.T. -0.01 min

Lab File: BF120200.D

Acq: 24 Apr 2020 14:18

Tgt Ion	136	Resp	524399
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.7	13.1
54	11.1	9.1	13.7
68	5.7	4.6	6.8





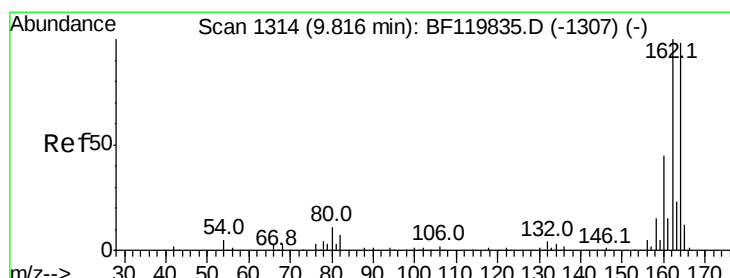
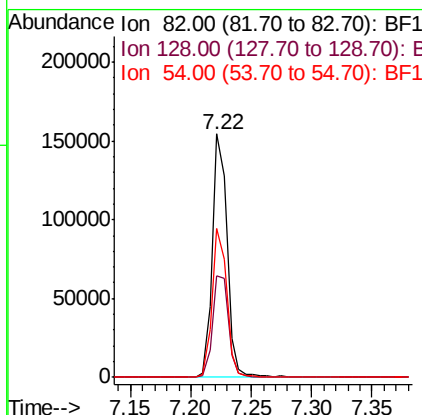
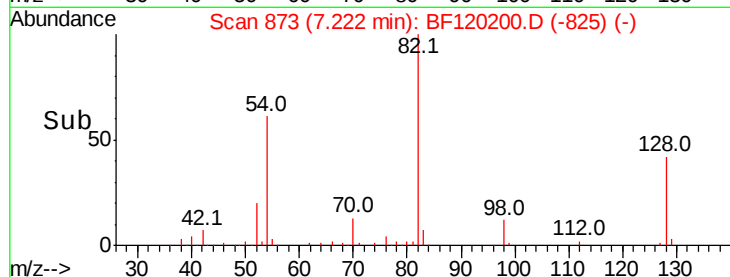
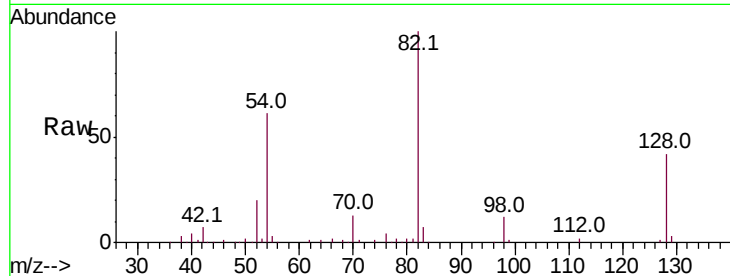
#23
Nitrobenzene-d5
Concen: 12.846 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF120200.D
Acq: 24 Apr 2020 14:18

Instrument :
BNA_F
ClientSampleId :
OK-01-042220

Tot Ion	82	Resp	130214
Ion Ratio	Lower	Upper	
82	100		
128	41.5	36.3	54.5
54	61.4	50.6	75.8

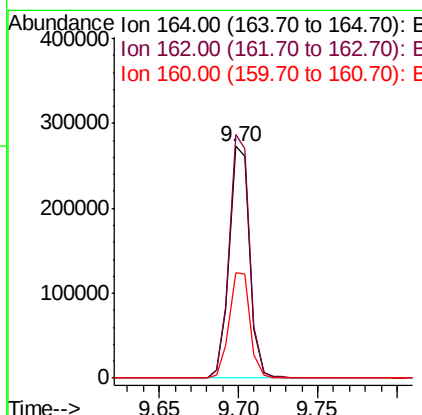
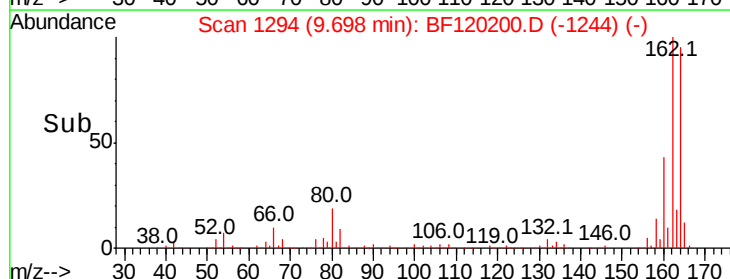
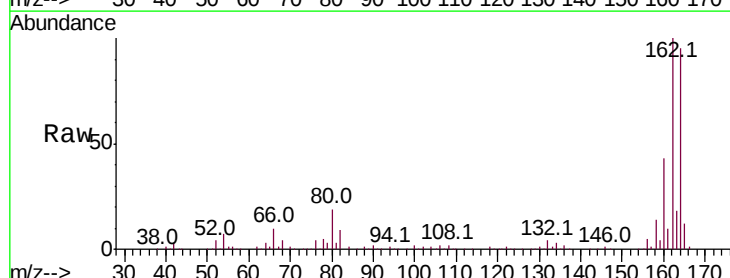
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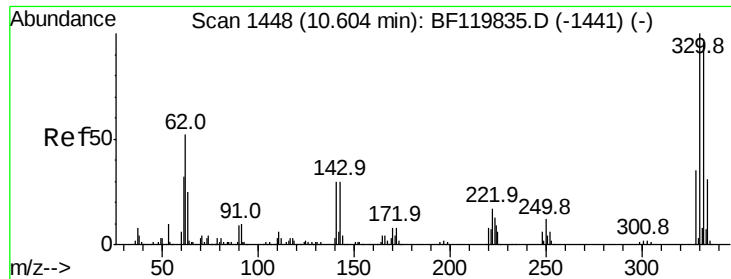
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF120200.D
Acq: 24 Apr 2020 14:18

Tgt Ion	164	Resp	244336
Ion Ratio	Lower	Upper	
164	100		
162	105.1	80.6	121.0
160	45.3	35.7	53.5





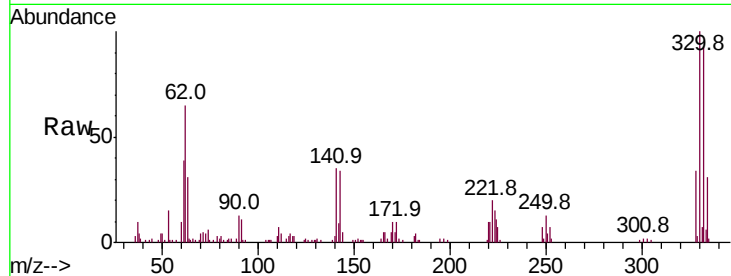
#42
 2,4,6-Tribromophenol
 Concen: 16.720 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF120200.D
 Acq: 24 Apr 2020 14:18

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-042220

Tot Ion	Ratio	Resp	Lower	Upper
330	100	50019		
332	93.1		75.7	113.5
141	35.6		25.4	38.0

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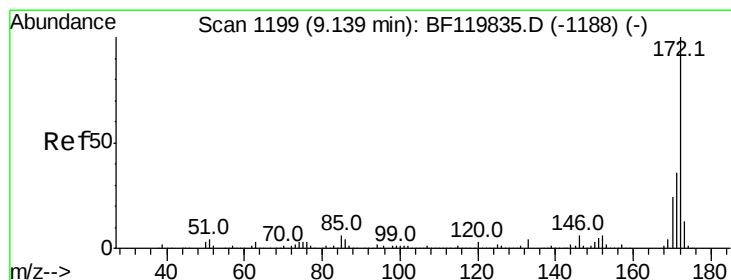
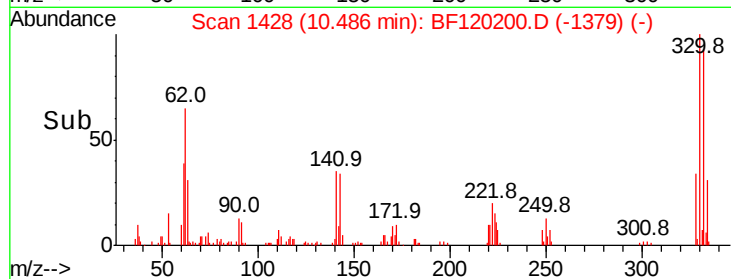
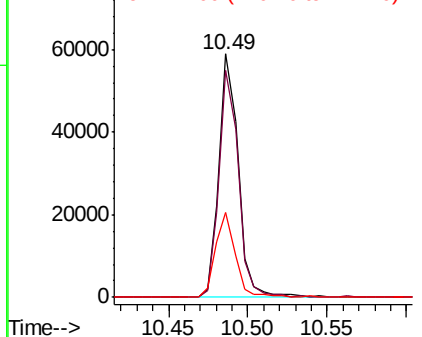


Abundance

Ion 329.80 (329.50 to 330.50): E

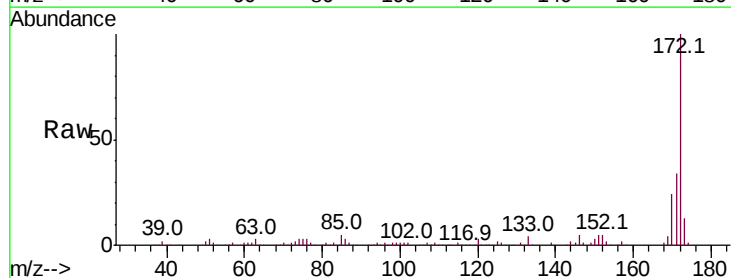
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 17.451 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF120200.D
 Acq: 24 Apr 2020 14:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	300318		
171	34.4		29.6	44.4
170	24.5		20.2	30.2

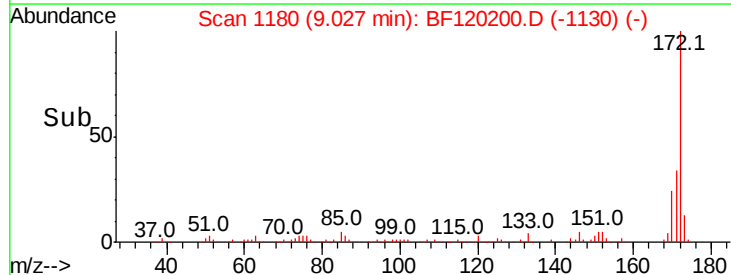
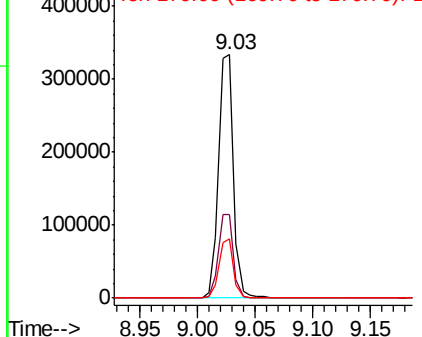


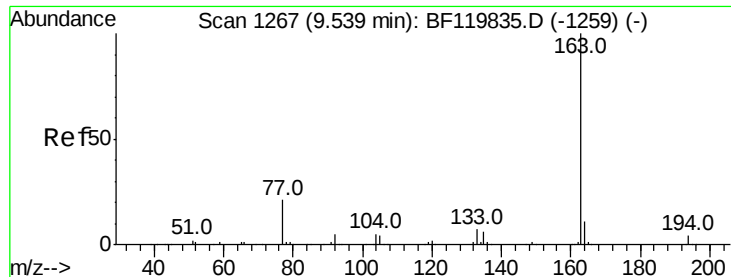
Abundance

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: 2.085 ng

RT: 9.42 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BF120200.D

Acq: 24 Apr 2020 14:18

Instrument :

BNA_F

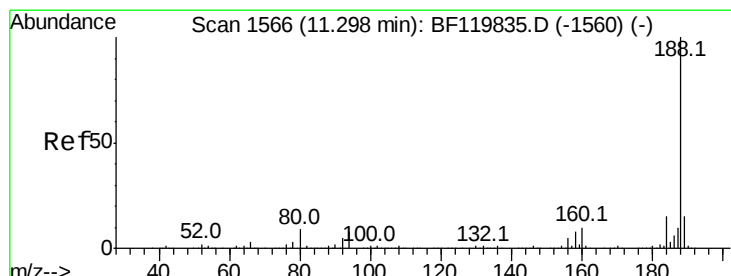
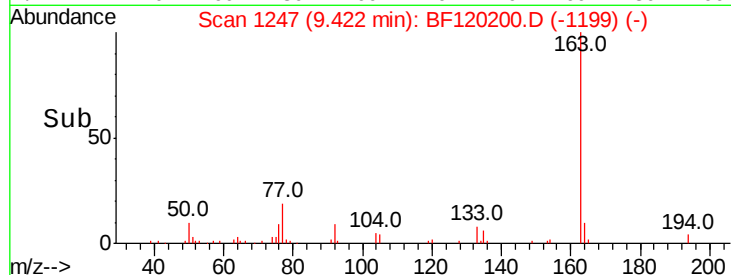
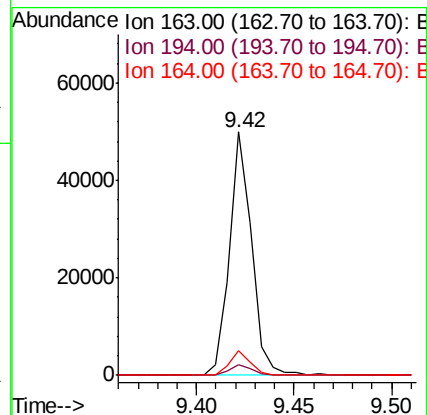
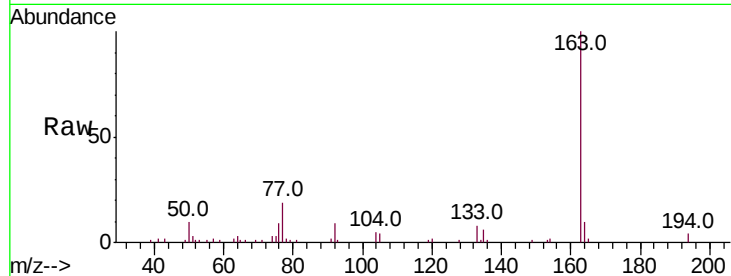
ClientSampleId :

OK-01-042220

Tot Ion:	163	Resp:	39400
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.1	4.7
164	10.0	8.2	12.2

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#64

Phenanthrene-d10

Concen: 20.000 ng

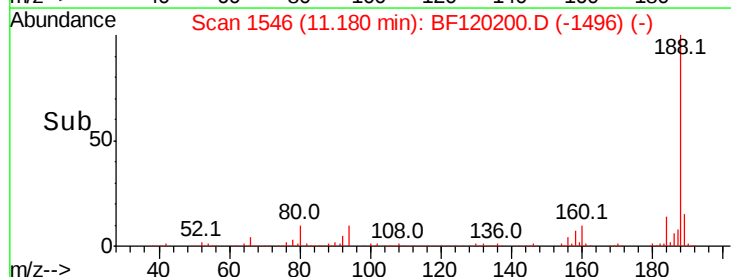
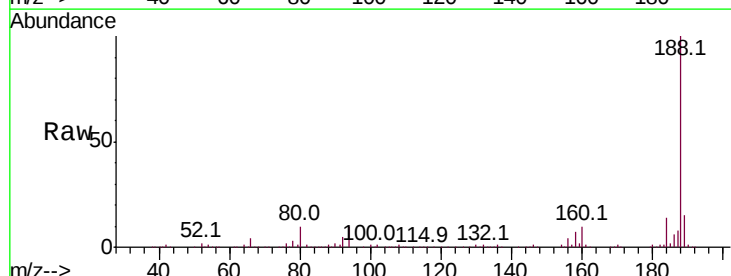
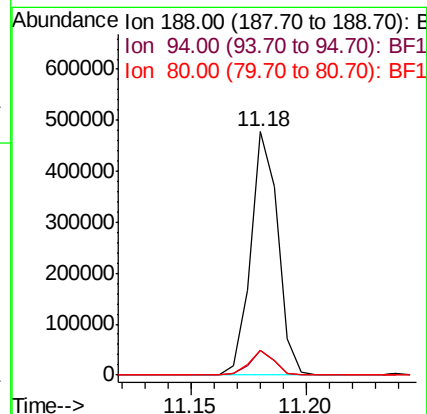
RT: 11.18 min Scan# 1546

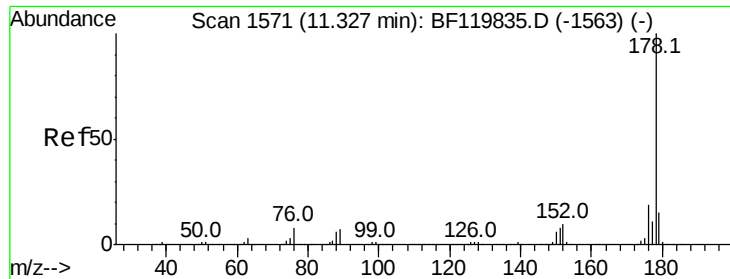
Delta R.T. -0.01 min

Lab File: BF120200.D

Acq: 24 Apr 2020 14:18

Tgt Ion:	188	Resp:	393366
Ion Ratio	Lower	Upper	
188	100		
94	10.0	7.5	11.3
80	9.9	9.0	13.4





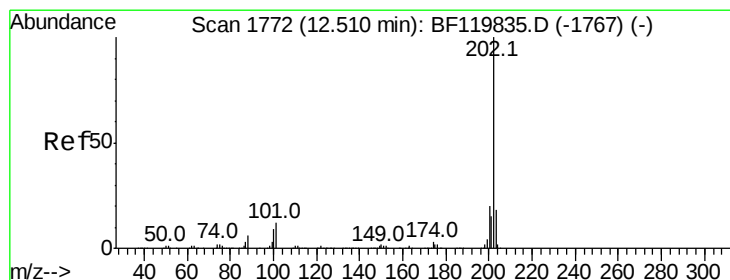
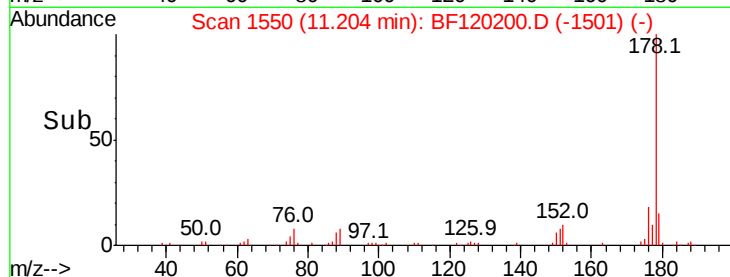
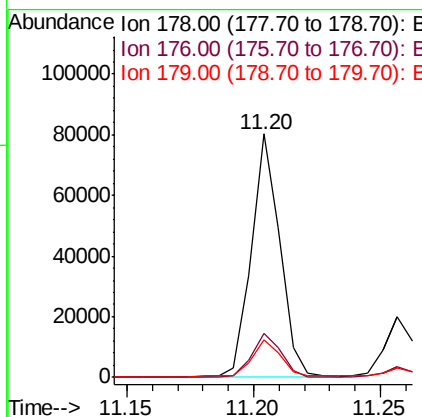
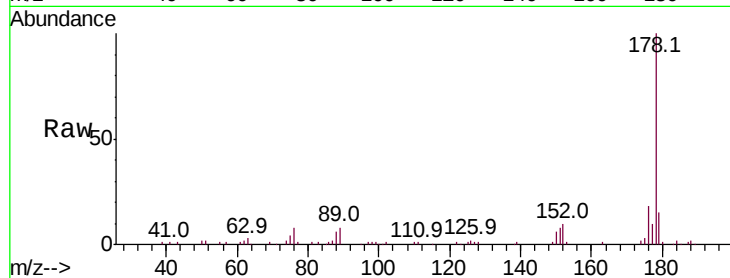
#71
Phenanthrene
Concen: 3.015 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF120200.D
Acq: 24 Apr 2020 14:18

Instrument :
BNA_F
ClientSampleId :
OK-01-042220

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.2	24.4
179	15.3	13.2	19.8

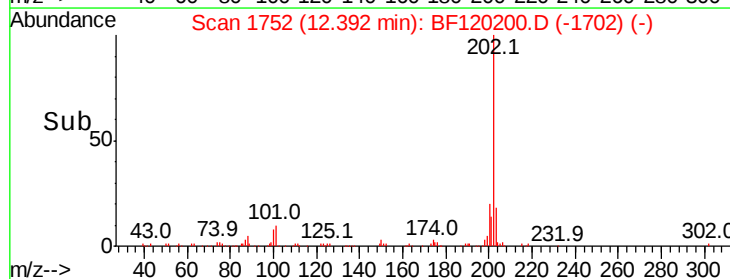
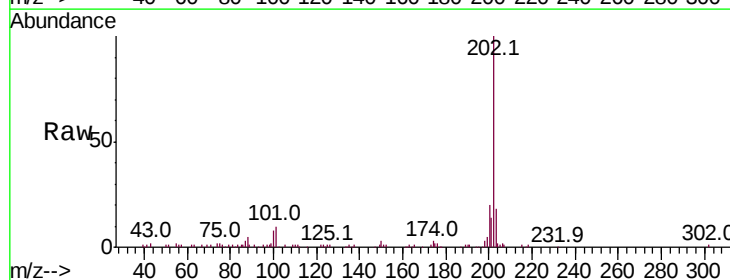
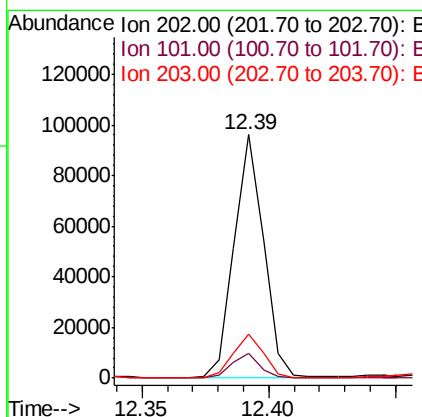
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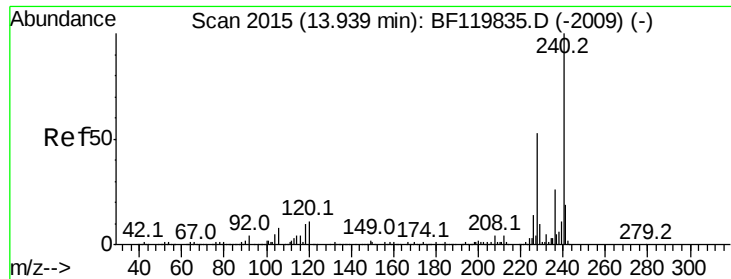
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#75
Fluoranthene
Concen: 3.471 ng
RT: 12.39 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BF120200.D
Acq: 24 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	32.2
203	18.3	0.0	38.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF120200.D

Acq: 24 Apr 2020 14:18

Instrument :

BNA_F

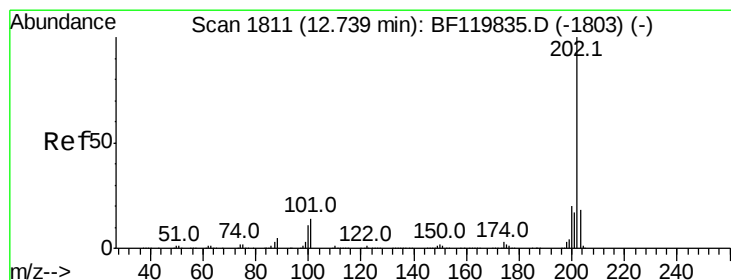
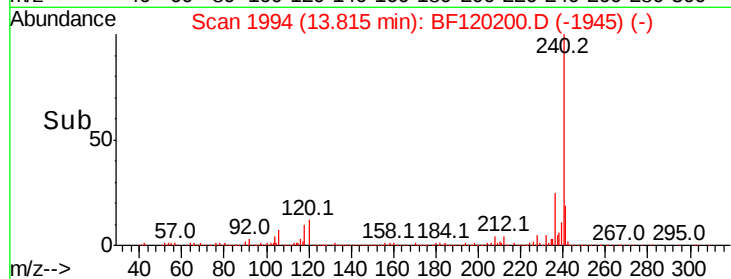
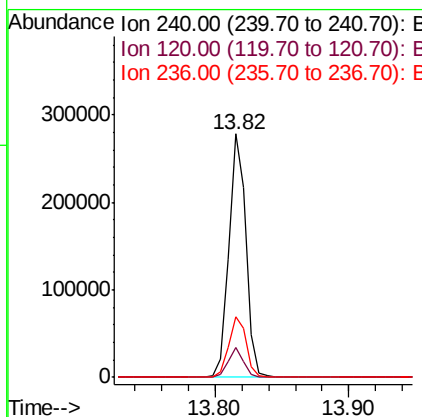
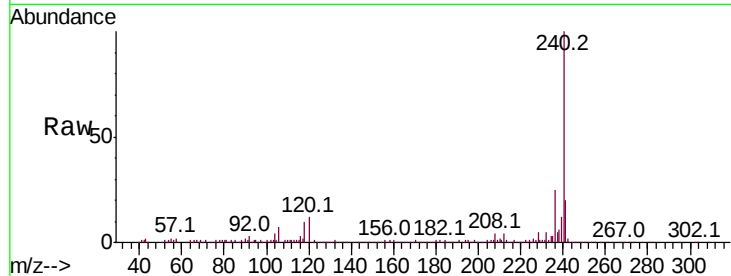
ClientSampleId :

OK-01-042220

Tot Ion:	240	Resp:	251544
Ion Ratio	Lower	Upper	
240	100		
120	12.1	10.6	15.8
236	25.1	20.2	30.2

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#78

Pyrene

Concen: 3.927 ng

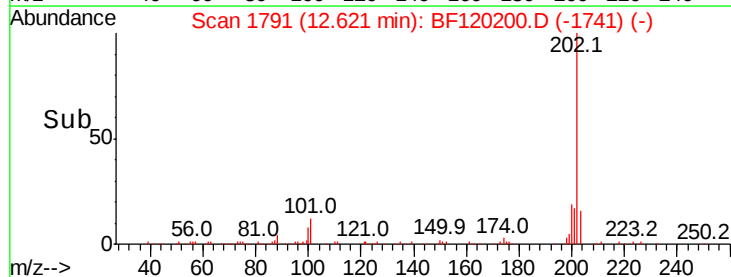
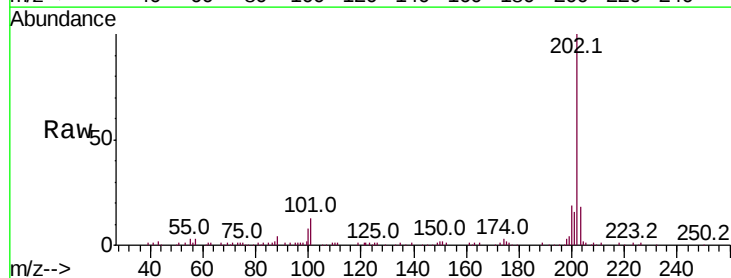
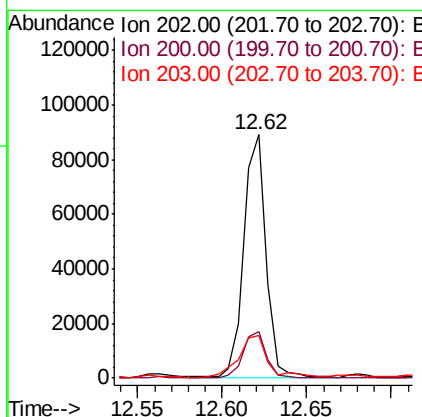
RT: 12.62 min Scan# 1791

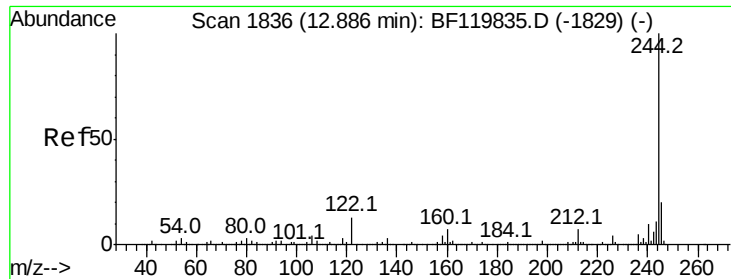
Delta R.T. -0.01 min

Lab File: BF120200.D

Acq: 24 Apr 2020 14:18

Tgt Ion:	202	Resp:	83267
Ion Ratio	Lower	Upper	
202	100		
200	19.0	16.8	25.2
203	17.6	15.1	22.7





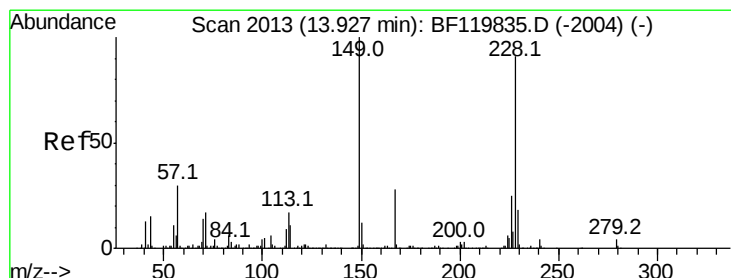
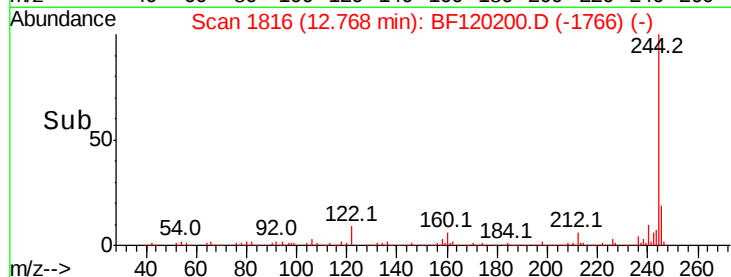
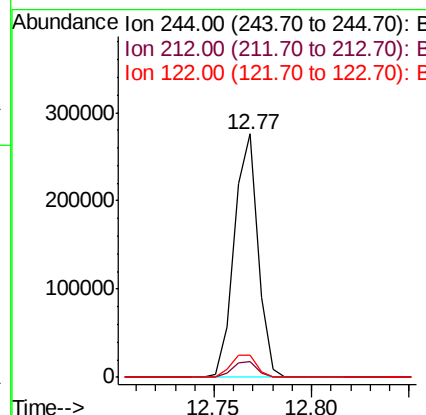
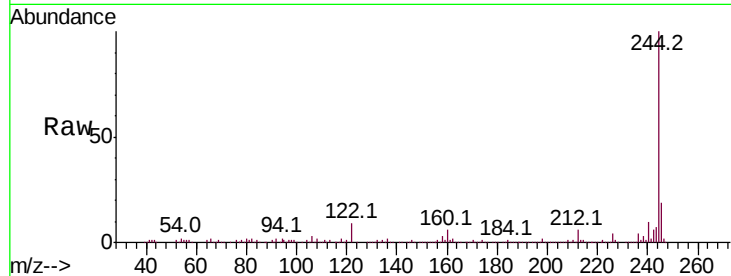
#79
 Terphenyl-d14
 Concen: 15.538 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF120200.D
 Acq: 24 Apr 2020 14:18

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-042220

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	9.3	10.3	15.5#

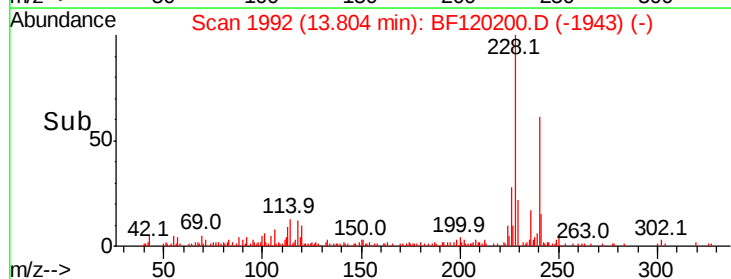
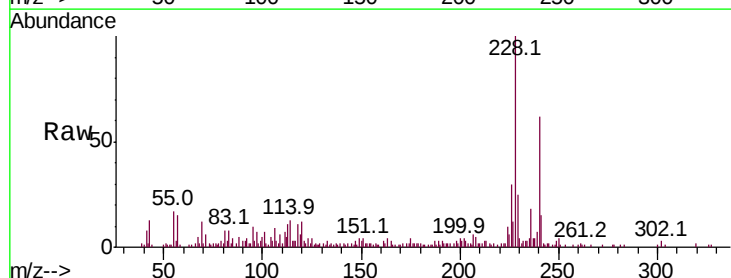
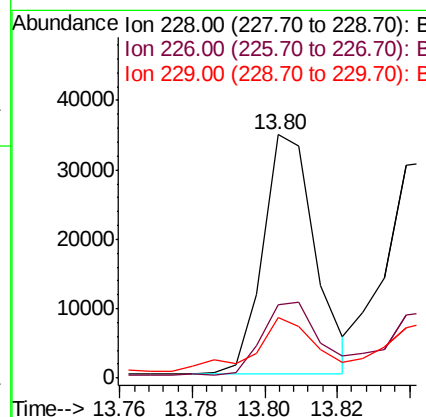
Manual Integrations
 APPROVED

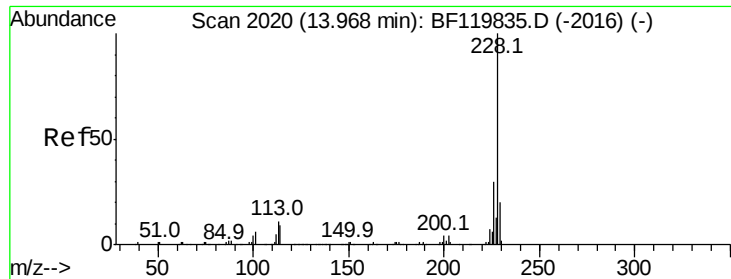
mohammad
 4/27/2020 3:04:24 PM



#81
 Benzo(a)anthracene
 Concen: 2.107 ng
 RT: 13.80 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BF120200.D
 Acq: 24 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	21.8	32.8
229	24.9	16.2	24.4#





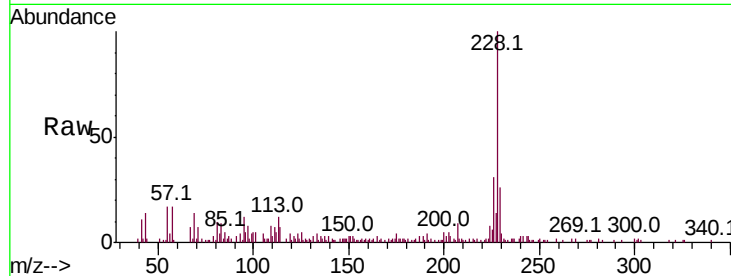
#83
Chrysene
Concen: 2.111 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.01 min
Lab File: BF120200.D
Acq: 24 Apr 2020 14:18

Instrument :
BNA_F
ClientSampleId :
OK-01-042220

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.0
229	26.0	16.6	24.8

Manual Integrations
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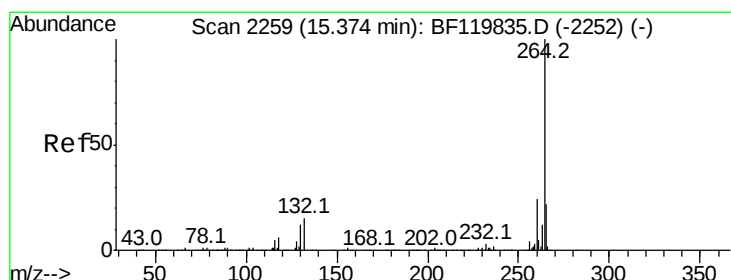
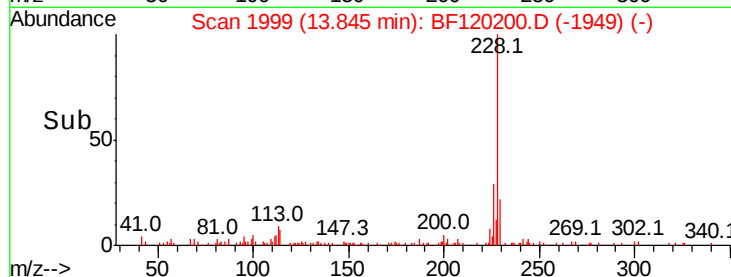
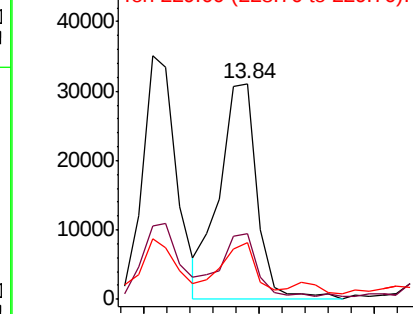


Abundance

Ion 228.00 (227.70 to 228.70): E

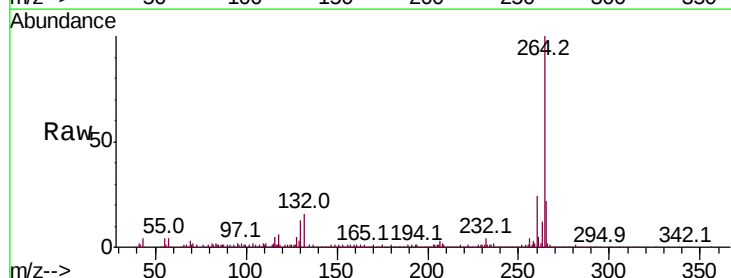
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.22 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BF120200.D
Acq: 24 Apr 2020 14:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.6	17.7	26.5

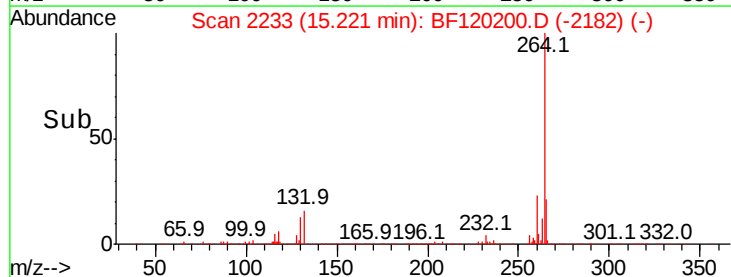
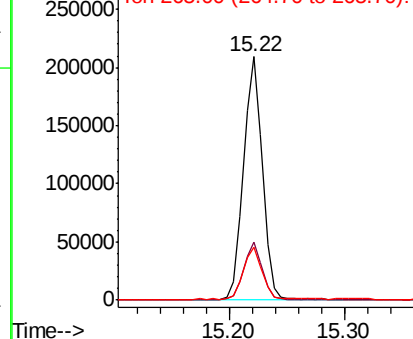


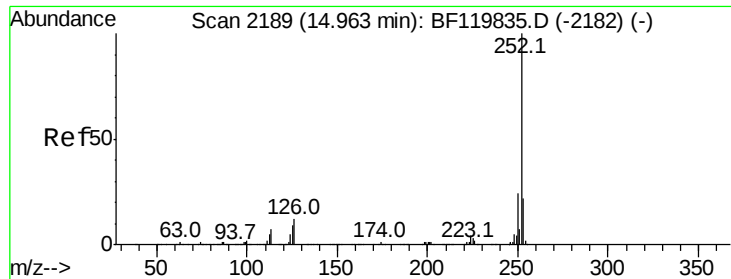
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 2.362 ng/mL

RT: 14.82 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BF120200.D

Acq: 24 Apr 2020 14:18

Instrument :

BNA_F

ClientSampleId :

OK-01-042220

Tot Ion:	252	Resp:	40476
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.0
125	16.2	7.9	11.9#

Manual Integrations
APPROVED

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