

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
 Data File : BF118724.D
 Acq On : 27 Jan 2020 17:37
 Operator : CG/JU
 Sample : L1010-10 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-012420

Manual Integrations
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mohammad
 1/28/2020 1:13:19 PM

Quant Time: Jan 27 18:12:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	287333	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	1013211	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	482682	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	727652	20.00	ng	0.00
76) Chrysene-d12	14.02	240	622899	20.00	ng	0.00
87) Perylene-d12	15.49	264	729001	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	183189	11.84	ng	-0.01
7) Phenol-d6	6.48	99	224927	11.19	ng	-0.01
23) Nitrobenzene-d5	7.41	82	124557	6.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	46482	8.33	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	273987	9.33	ng	0.00
79) Terphenyl-d14	12.96	244	247927	8.68	ng	0.00
Target Compounds						
71) Phenanthrene	11.40	178	84570	2.409	ng	96
75) Fluoranthene	12.59	202	173676	4.691	ng	96
78) Pyrene	12.82	202	160366	3.792	ng	97
81) Benzo(a)anthracene	14.01	228	84160	2.246	ng	# 93
83) Chrysene	14.04	228	76804	2.139	ng	# 93
88) Benzo(b)fluoranthene	15.06	252	102236m	2.231	ng	

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

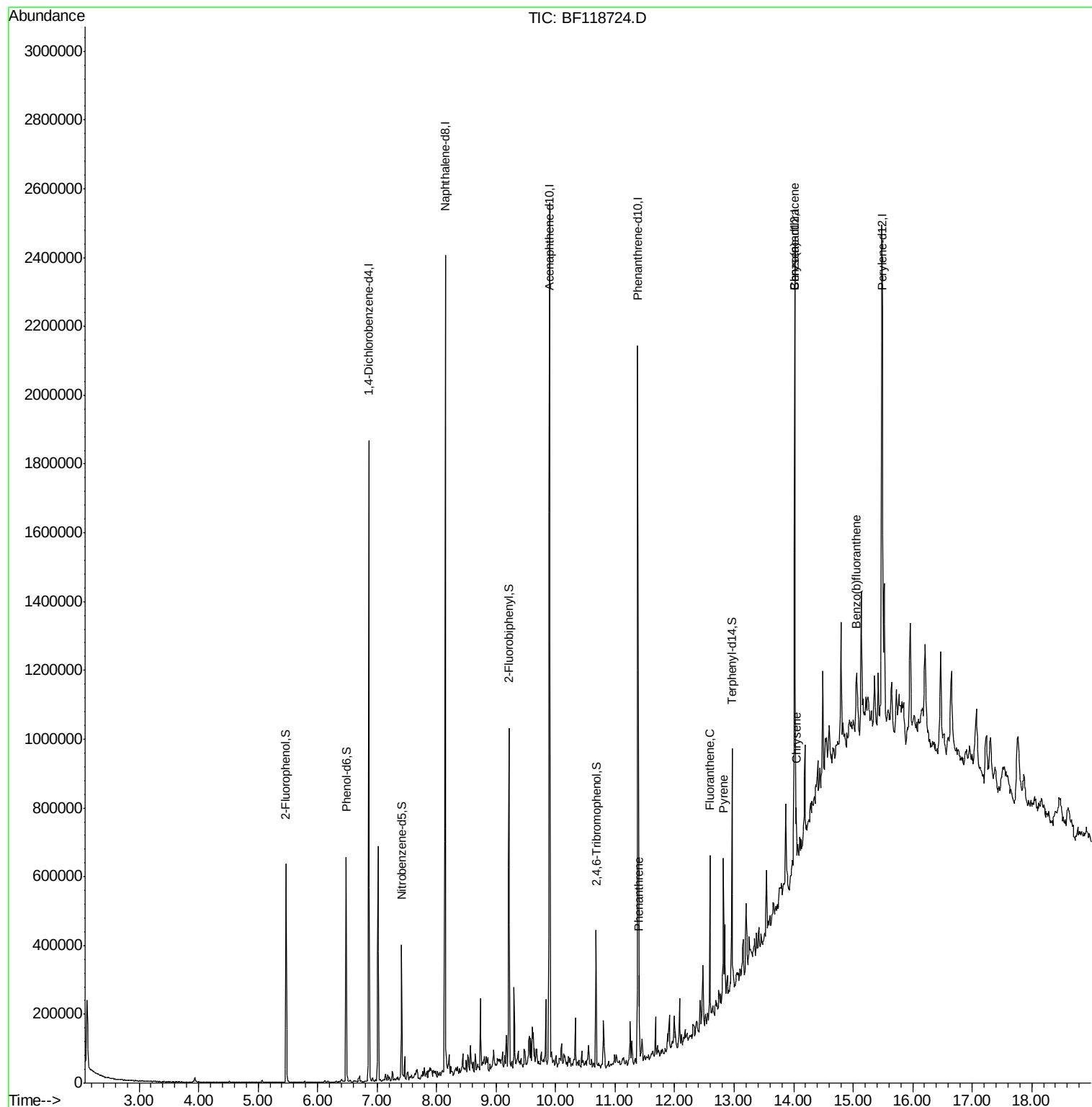
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012720\
Data File : BF118724.D
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Operator : CG/JU
Sample : L1010-10 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

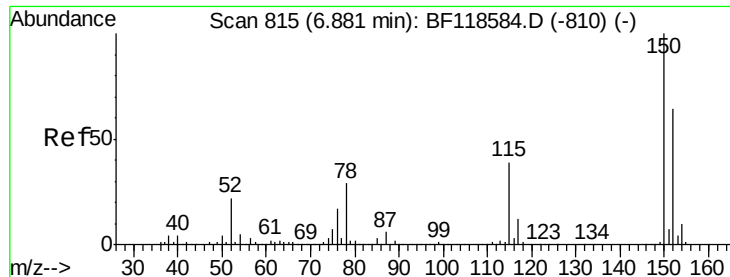
Instrument :
BNA_F
ClientSampleId :
OK-01-012420

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

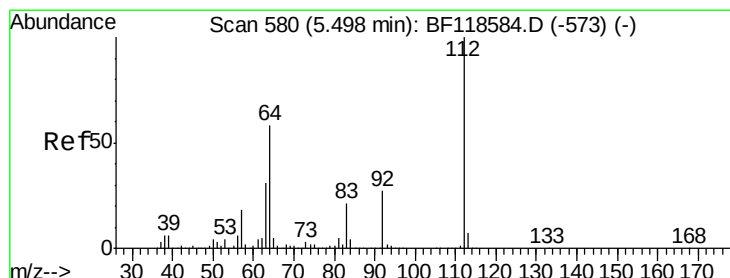
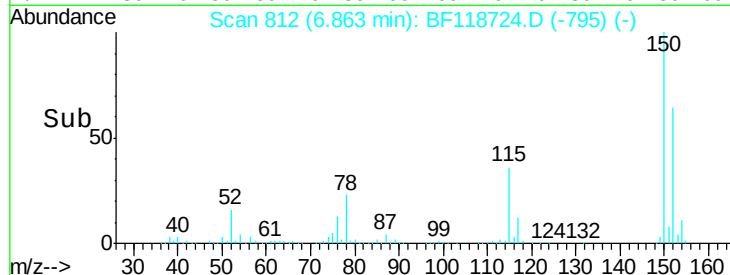
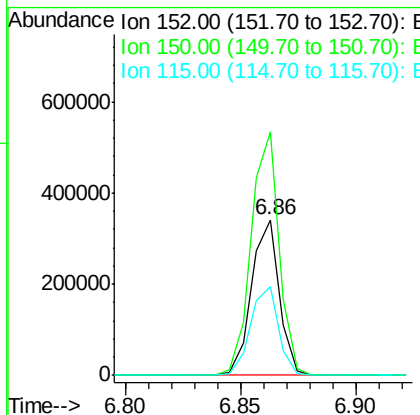
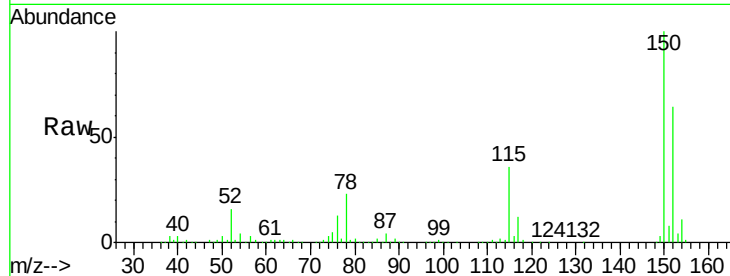
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF118724.D
Acq: 27 Jan 2020 17:37

Instrument :
BNA_F
ClientSampleId :
OK-01-012420

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.7	185.5
115	57.0	45.1	67.7

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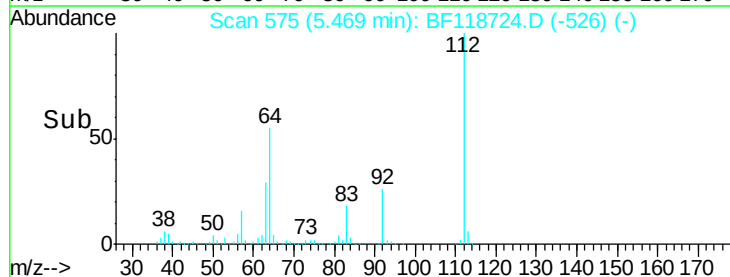
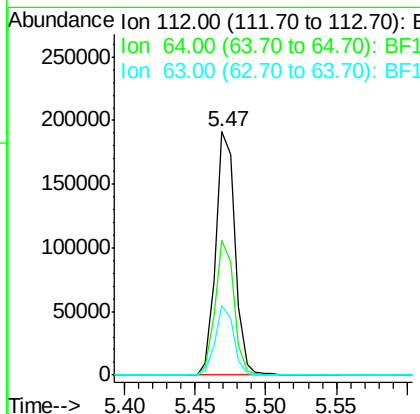
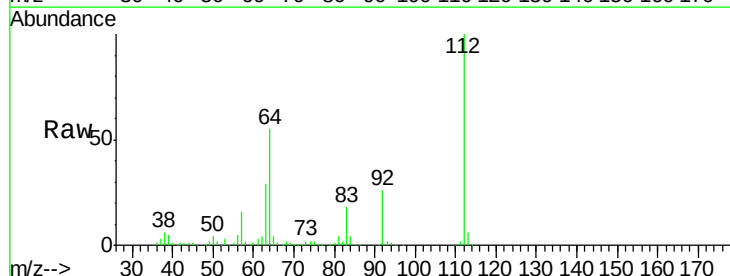
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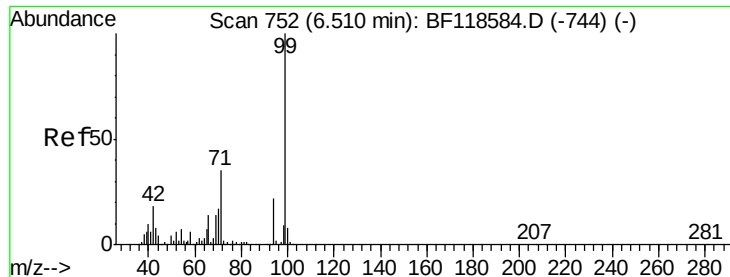


#5

2-Fluorophenol
Concen: 11.841 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF118724.D
Acq: 27 Jan 2020 17:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	42.4	63.6
63	28.6	21.7	32.5





#7

Phenol-d6

Concen: 11.186 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF118724.D

Acq: 27 Jan 2020 17:37

Instrument :

BNA_F

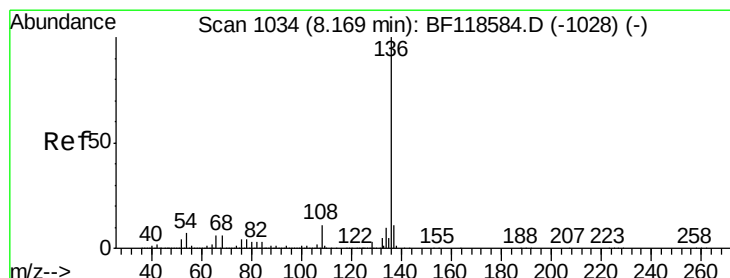
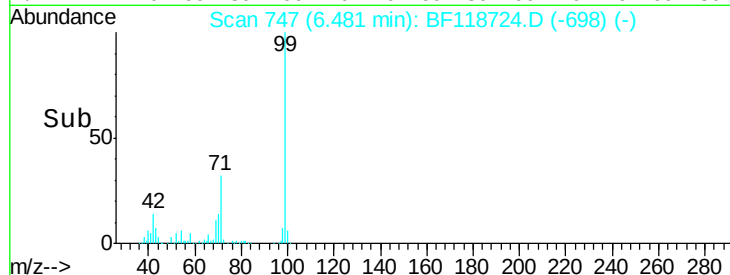
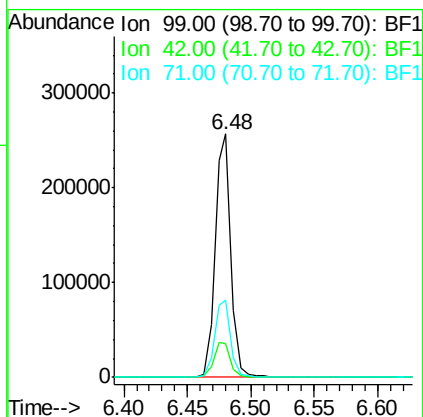
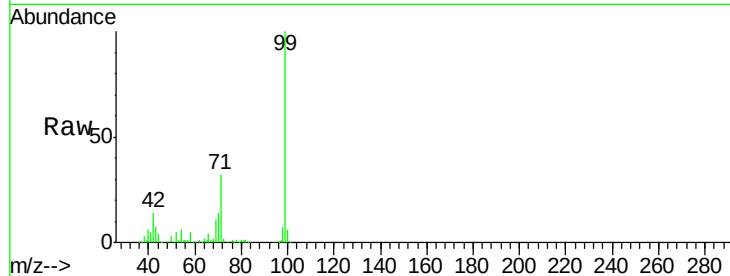
ClientSampleId :

OK-01-012420

Tot Ion:	99	Resp:	224927
Ion Ratio	Lower	Upper	
99	100		
42	13.6	13.1	19.7
71	31.9	28.4	42.6

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#21

Naphthalene-d8

Concen: 20.000 ng

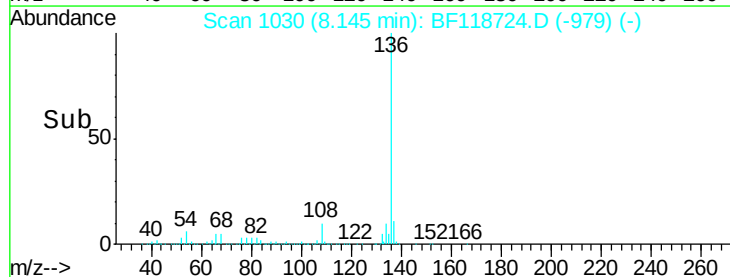
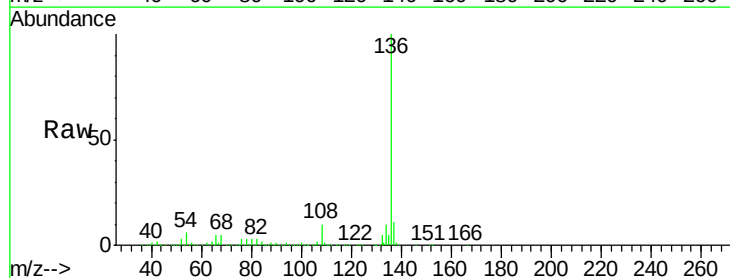
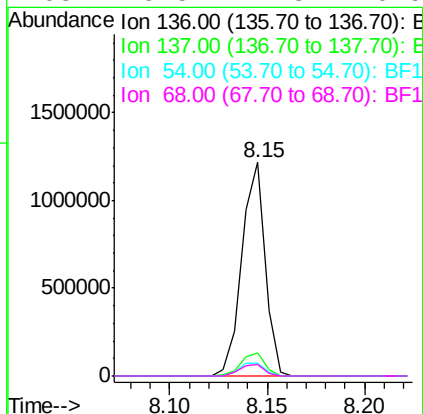
RT: 8.15 min Scan# 1030

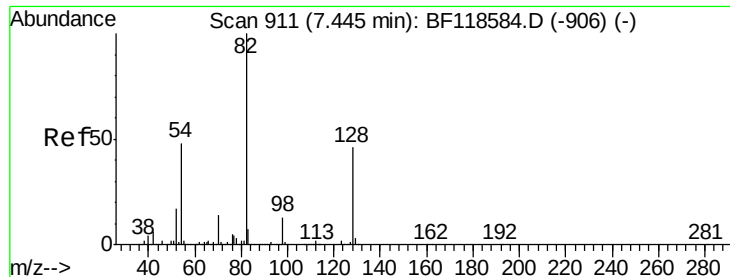
Delta R.T. -0.00 min

Lab File: BF118724.D

Acq: 27 Jan 2020 17:37

Tgt Ion:	136	Resp:	1013211
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	6.3	5.1	7.7
68	5.5	4.3	6.5





#23

Nitrobenzene-d5

Concen: 6.876 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF118724.D

Acq: 27 Jan 2020 17:37

Instrument :

BNA_F

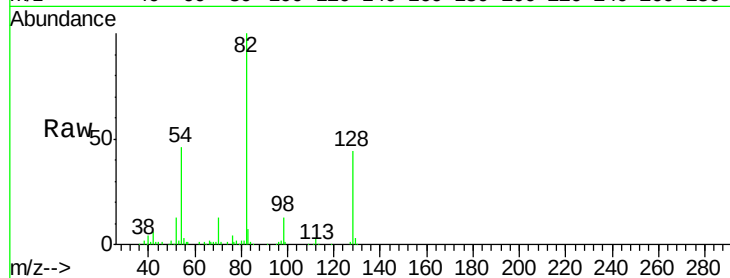
ClientSampleId :

OK-01-012420

Tot Ion:	82	Resp:	124557
Ion Ratio	Lower	Upper	
82	100		
128	43.6	38.2	57.2
54	45.9	36.1	54.1

Manual Integrations
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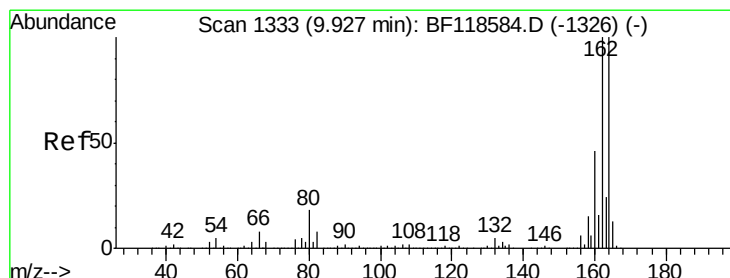
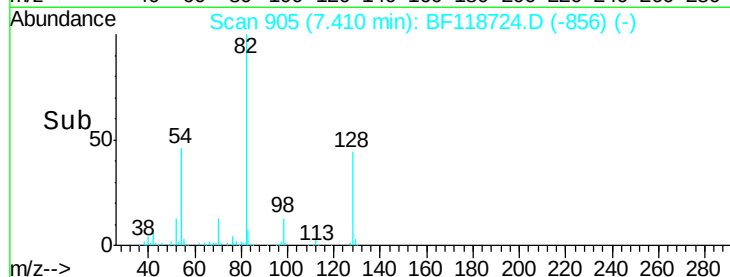
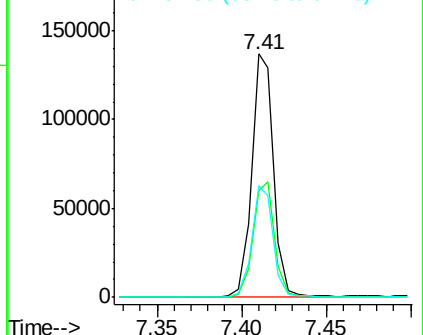
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

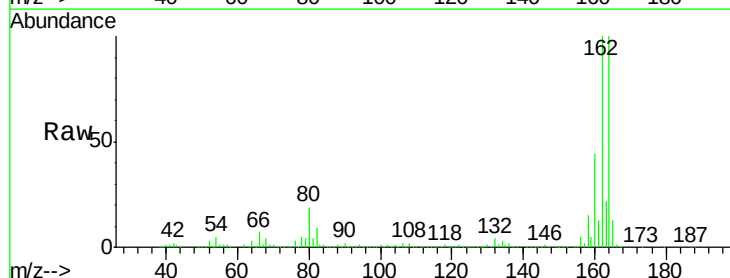
RT: 9.90 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BF118724.D

Acq: 27 Jan 2020 17:37

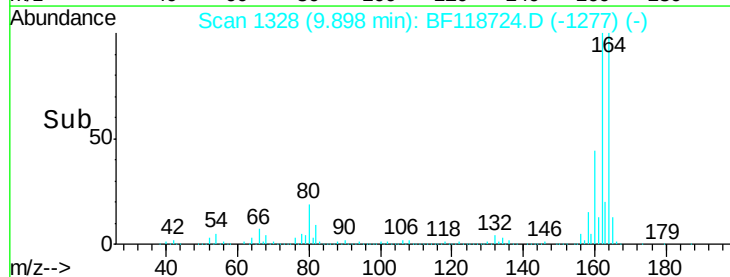
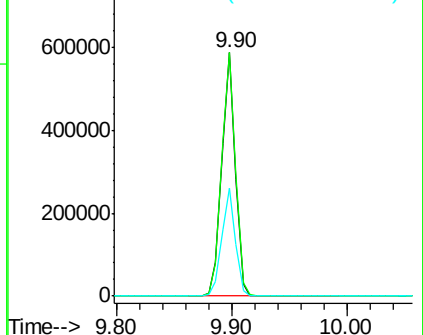
Tgt Ion:	164	Resp:	482682
Ion Ratio	Lower	Upper	
164	100		
162	100.0	80.8	121.2
160	44.4	35.4	53.0

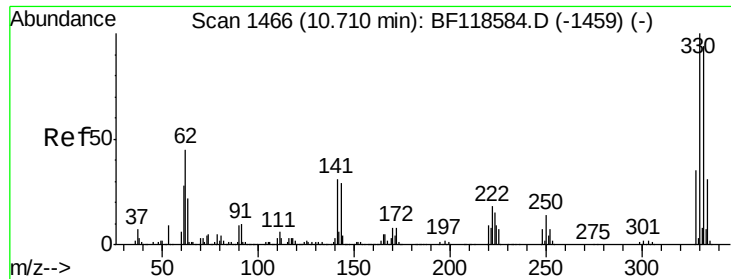


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





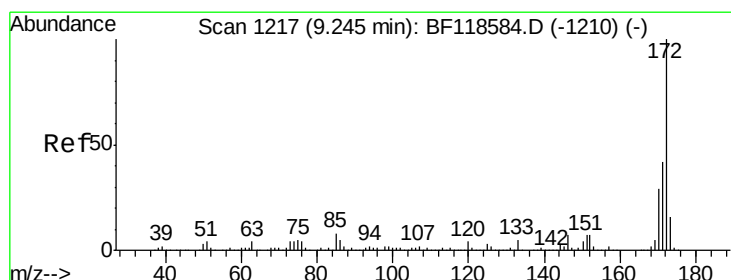
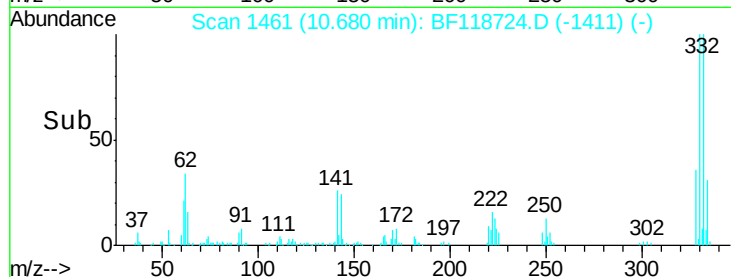
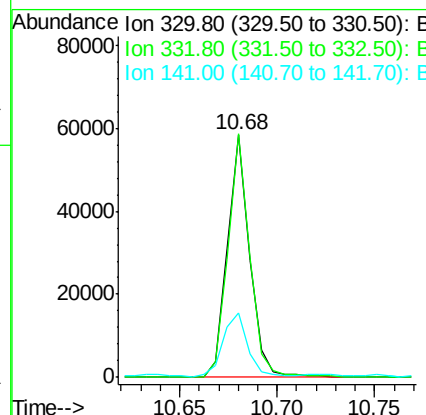
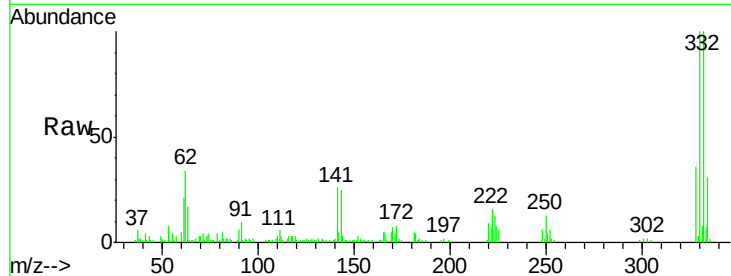
#42
 2,4,6-Tribromophenol
 Concen: 8.326 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF118724.D
 Acq: 27 Jan 2020 17:37

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-012420

Tot Ion	Ratio	Resp	Lower	Upper
330	100	46482		
332	98.2		77.6	116.4
141	30.2		22.2	33.2

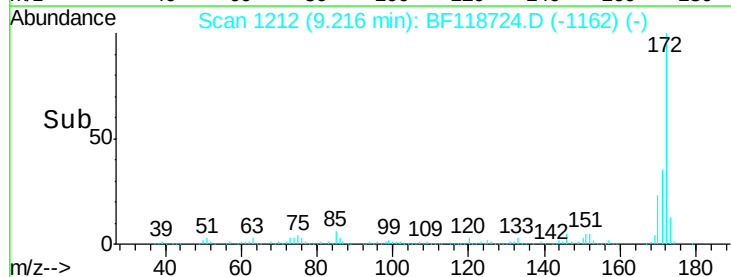
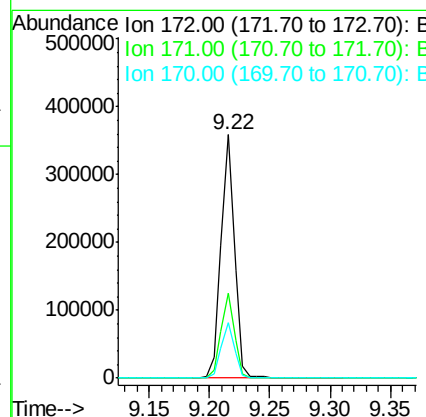
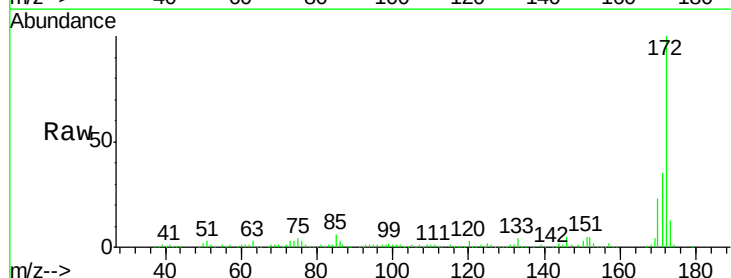
Manual Integrations
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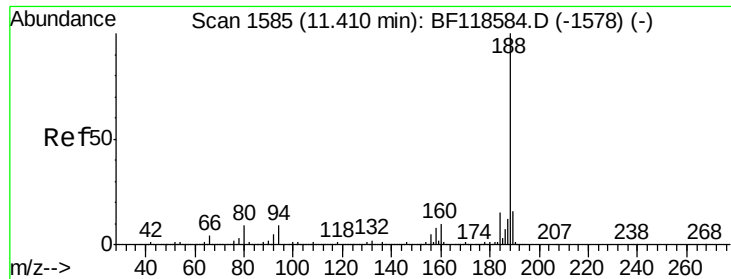
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#45
 2-Fluorobiphenyl
 Concen: 9.330 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118724.D
 Acq: 27 Jan 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	273987		
171	34.8		31.0	46.4
170	22.6		20.7	31.1





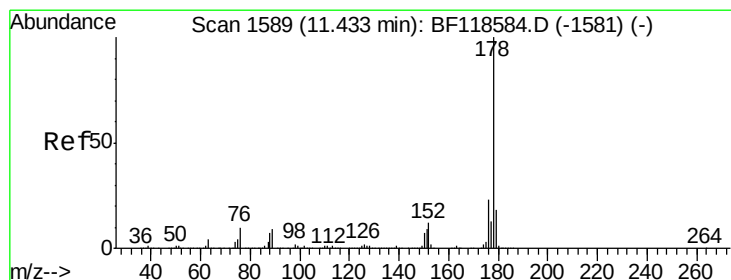
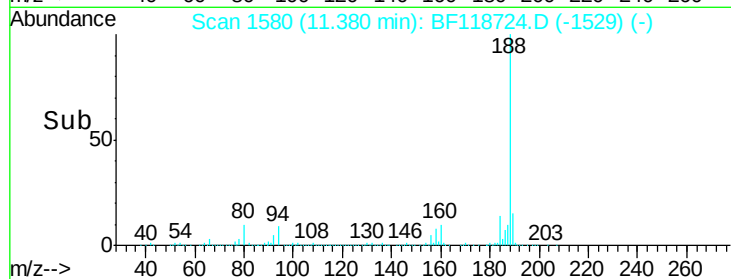
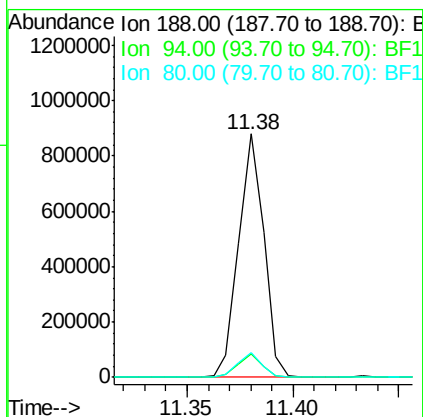
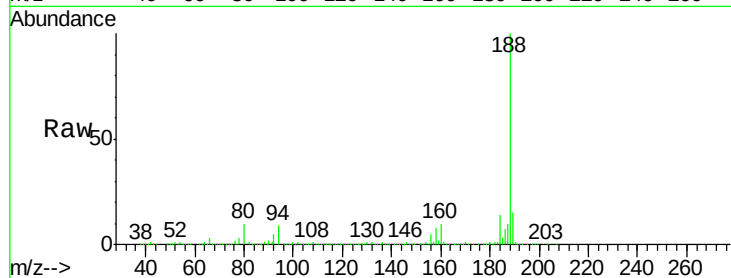
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF118724.D
Acq: 27 Jan 2020 17:37

Instrument :
BNA_F
ClientSampleID :
OK-01-012420

Tot Ion	Ratio	Resp	Lower	Upper
188	100	727652		
94	9.4		7.4	11.2
80	10.0		7.8	11.8

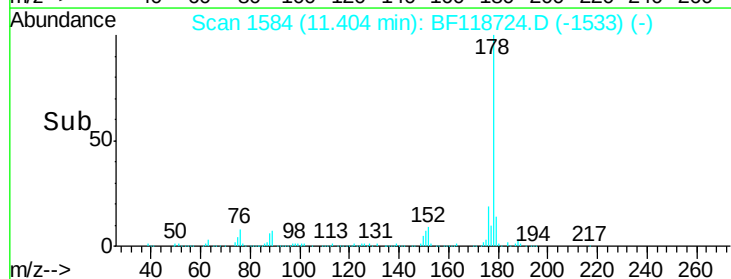
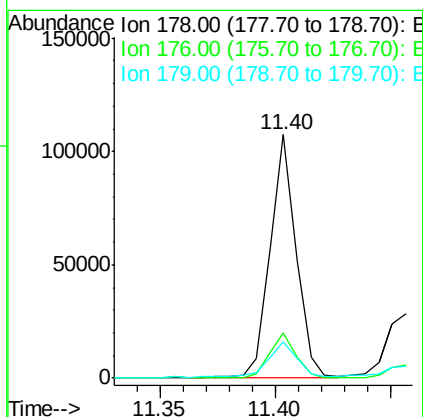
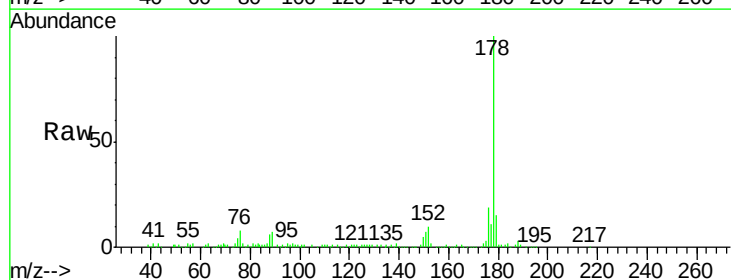
Manual Integrations
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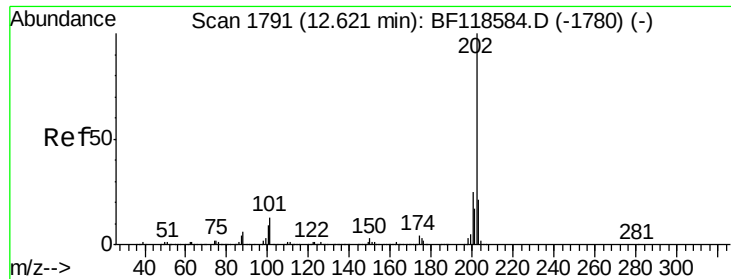
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#71
Phenanthrene
Concen: 2.409 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF118724.D
Acq: 27 Jan 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	84570		
176	18.8		16.5	24.7
179	15.1		13.3	19.9





#75

Fluoranthene

Concen: 4.691 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BF118724.D

Acq: 27 Jan 2020 17:37

Instrument :

BNA_F

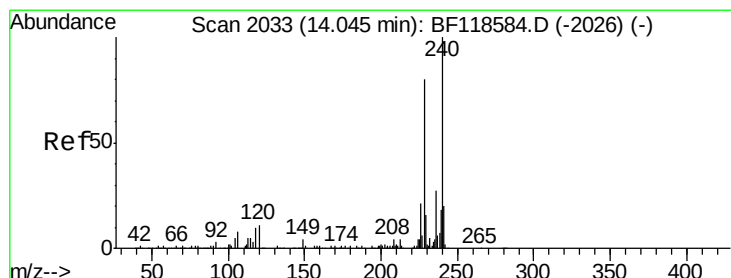
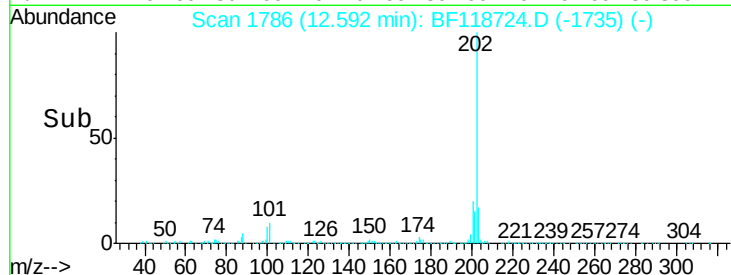
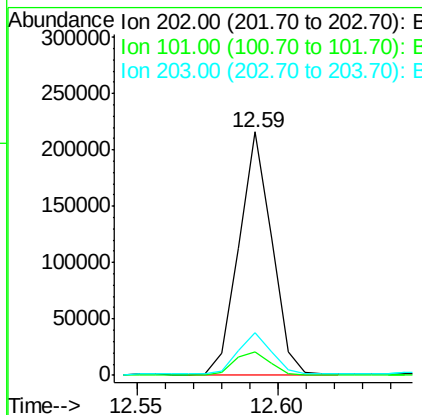
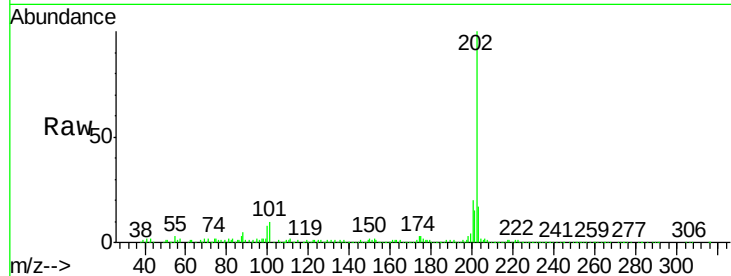
ClientSampleId :

OK-01-012420

Tot Ion:	202	Resp:	173676
Ion Ratio		Lower	Upper
202	100		
101	9.8	0.0	32.1
203	17.5	0.0	38.9

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#76

Chrysene-d12

Concen: 20.000 ng

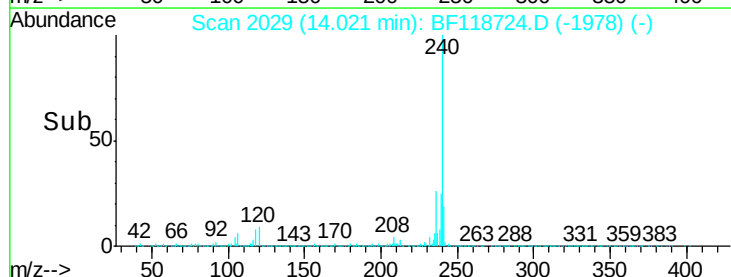
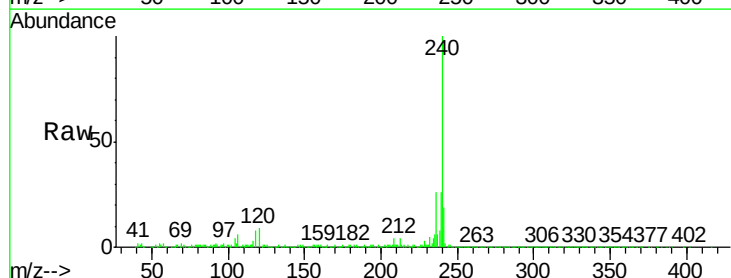
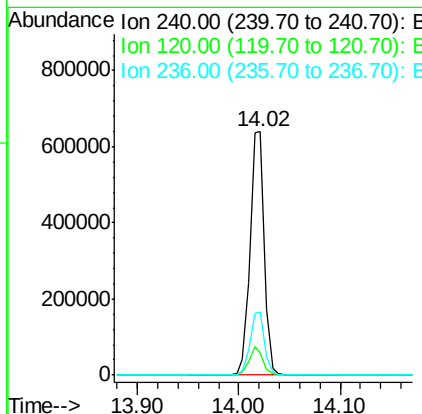
RT: 14.02 min Scan# 2029

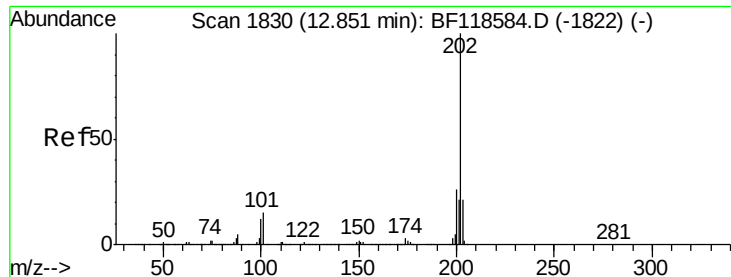
Delta R.T. -0.00 min

Lab File: BF118724.D

Acq: 27 Jan 2020 17:37

Tgt Ion:	240	Resp:	622899
Ion Ratio		Lower	Upper
240	100		
120	8.9	7.6	11.4
236	26.2	21.0	31.4





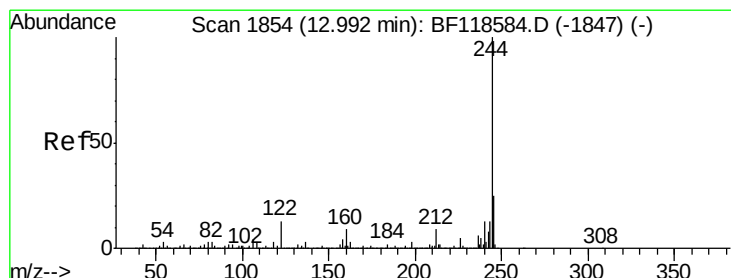
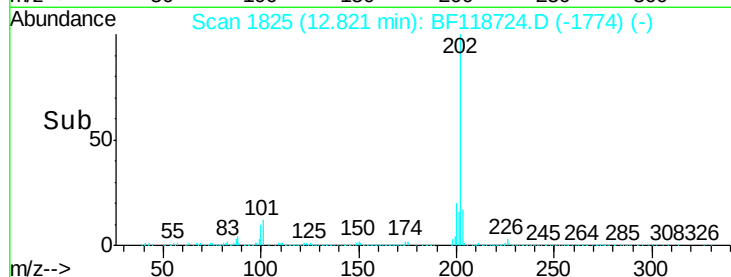
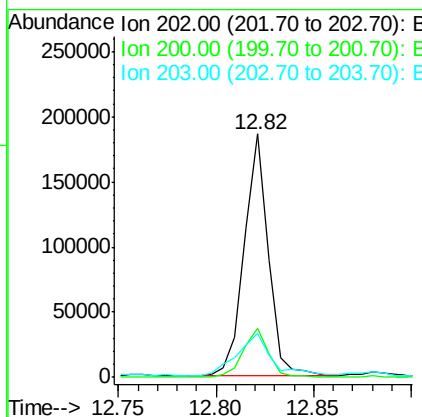
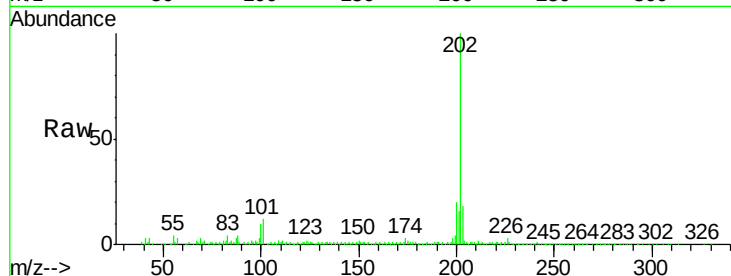
#78
Pvrene
Concen: 3.792 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BF118724.D
Acq: 27 Jan 2020 17:37

Instrument :
BNA_F
ClientSampleId :
OK-01-012420

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.3	18.1	27.1
203	18.3	15.2	22.8

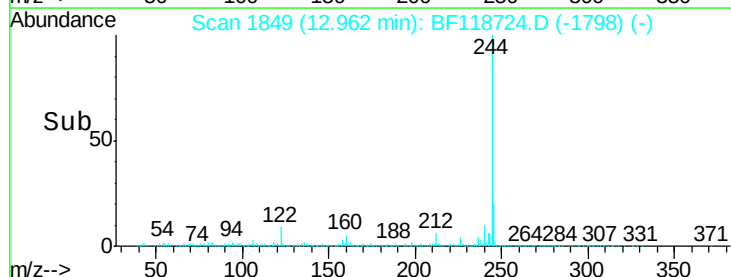
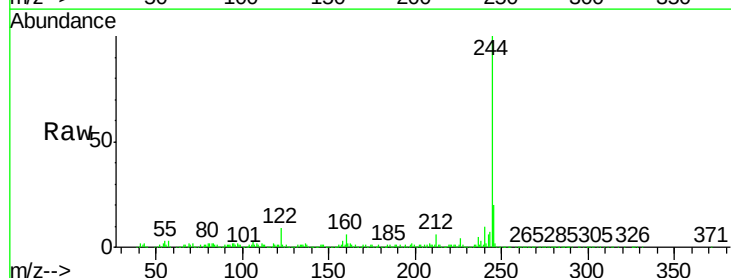
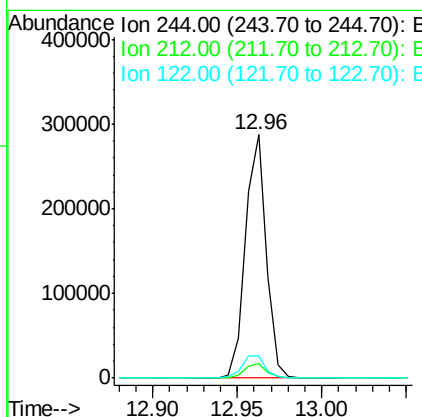
Manual Integrations
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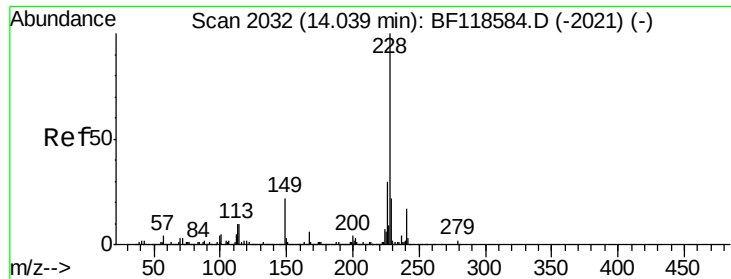
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#79
Terphenyl-d14
Concen: 8.681 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BF118724.D
Acq: 27 Jan 2020 17:37

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.2	6.3	9.5#
122	9.4	9.2	13.8





#81

Benzo(a)anthracene

Concen: 2.246 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF118724.D

Acq: 27 Jan 2020 17:37

Instrument :

BNA_F

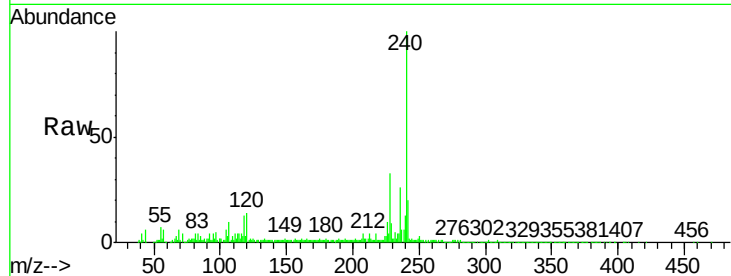
ClientSampleId :

OK-01-012420

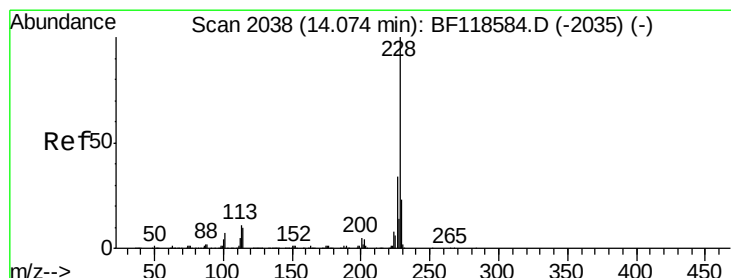
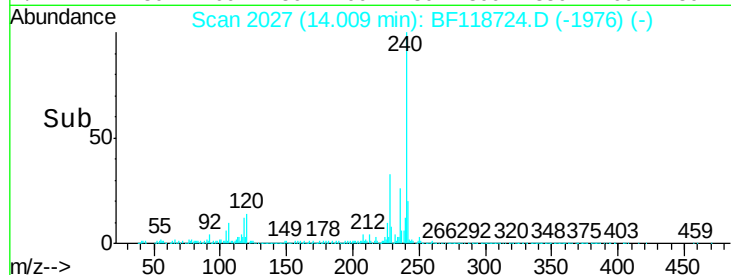
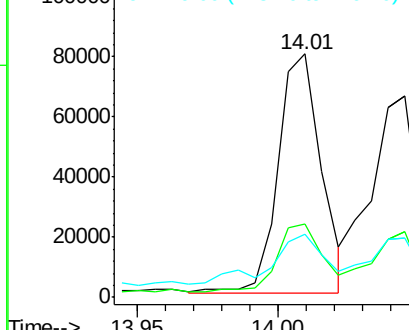
Tot Ion:	228	Resp:	84160
Ion Ratio	Lower	Upper	
228	100		
226	30.4	22.6	34.0
229	26.1	16.6	25.0#

Manual Integrations
APPROVED

mohammad
1/28/2020 1:13:19 PM



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



#83

Chrysene

Concen: 2.139 ng

RT: 14.04 min Scan# 2033

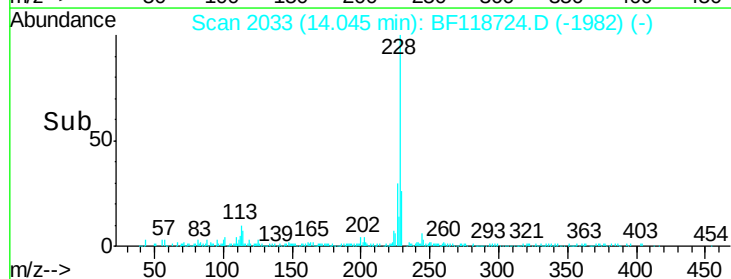
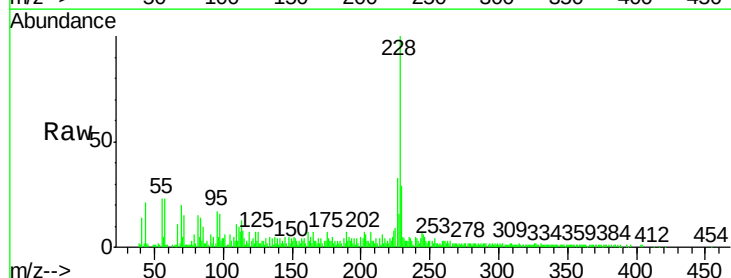
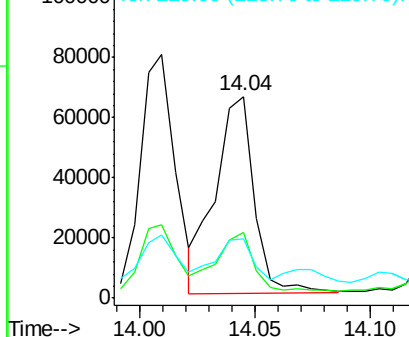
Delta R.T. -0.00 min

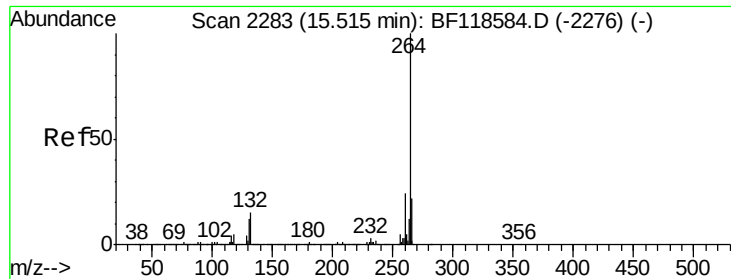
Lab File: BF118724.D

Acq: 27 Jan 2020 17:37

Tgt Ion:	228	Resp:	76804
Ion Ratio	Lower	Upper	
228	100		
226	32.6	25.6	38.4
229	29.3	17.1	25.7#

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

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BF118724.D

Acq: 27 Jan 2020 17:37

Instrument :

BNA_F

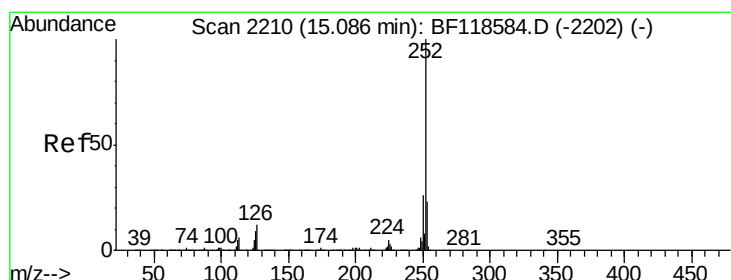
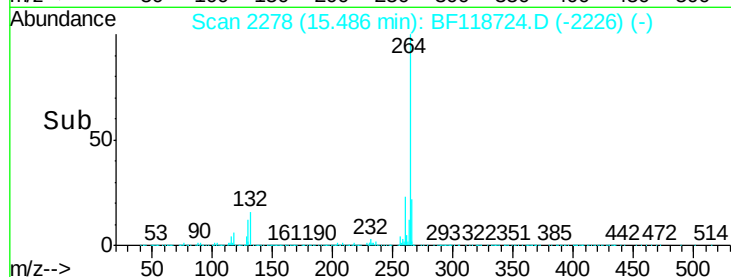
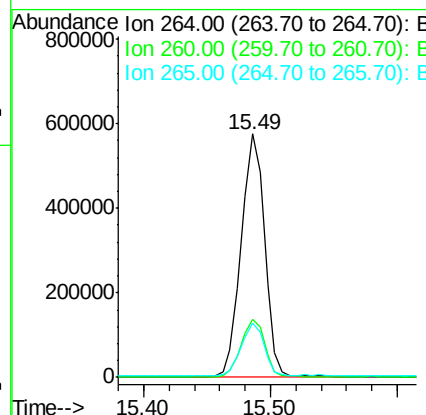
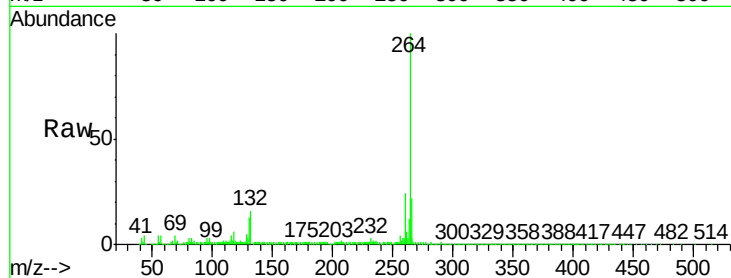
ClientSampleId :

OK-01-012420

Tot Ion:	264	Resp:	729001
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.6	28.0
265	22.3	17.0	25.6

Manual Integrations
APPROVED

mohammad
1/28/2020 1:13:19 PM



#88

Benzo(b)fluoranthene

Concen: 2.231 ng m

RT: 15.06 min Scan# 2205

Delta R.T. -0.00 min

Lab File: BF118724.D

Acq: 27 Jan 2020 17:37

Tgt Ion:	252	Resp:	102236
Ion Ratio	Lower	Upper	
252	100		
253	28.4	18.2	27.4#
125	17.7	7.7	11.5#

