

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
 Data File : BF119174.D
 Acq On : 2 Mar 2020 17:53
 Operator : CG/JU
 Sample : L1740-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GP-13-022720

Manual Integrations
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Quant Time: Mar 03 08:01:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	122228	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	467408	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	252444	20.00	ng	-0.02
64) Phenanthrene-d10	11.25	188	443197	20.00	ng	-0.01
76) Chrysene-d12	13.89	240	317344	20.00	ng	-0.02
87) Perylene-d12	15.32	264	363423	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	653056	89.29	ng	-0.01
7) Phenol-d6	6.38	99	802858	90.26	ng	-0.02
23) Nitrobenzene-d5	7.30	82	546661	61.75	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	254370	77.03	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1024024	59.76	ng	-0.02
79) Terphenyl-d14	12.83	244	999634	54.23	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.49	163	103008	5.336	ng	98
71) Phenanthrene	11.27	178	57073	2.361	ng	97
75) Fluoranthene	12.46	202	103455	4.032	ng	98
78) Pyrene	12.69	202	87180	3.421	ng	97
81) Benzo(a)anthracene	13.87	228	56875m	2.630	ng	
83) Chrysene	13.92	228	62710	2.911	ng	97
88) Benzo(b)fluoranthene	14.91	252	104195m	4.350	ng	
90) Benzo(a)pyrene	15.26	252	44878	2.076	ng	# 93

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

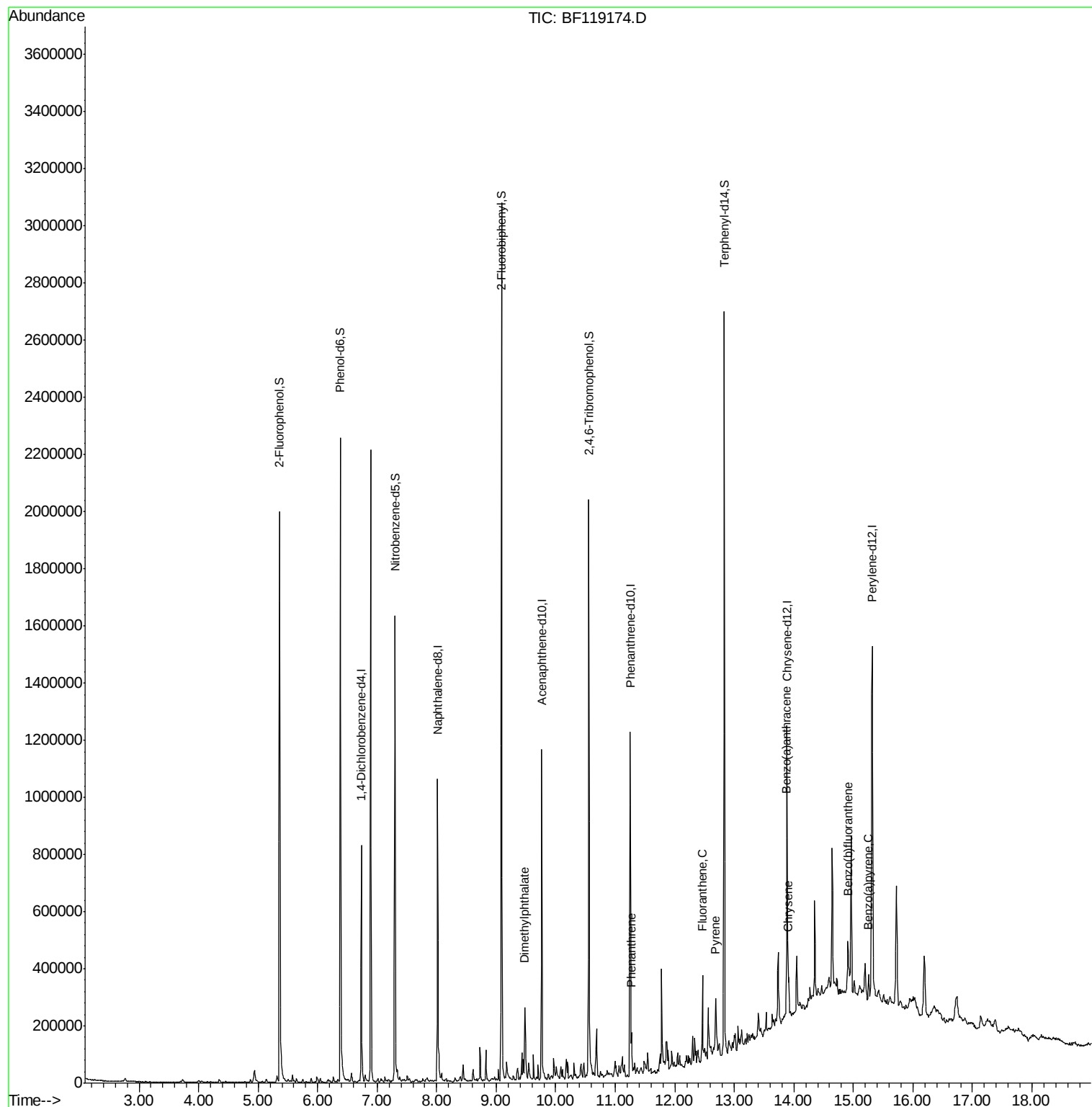
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030220\
Data File : BF119174.D
Acq On : 2 Mar 2020 17:53
Operator : CG/JU
Sample : L1740-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

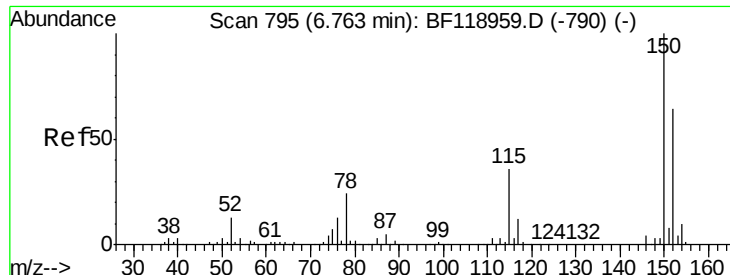
Instrument :
BNA_F
ClientSampleId :
GP-13-022720

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Quant Time: Mar 03 08:01:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration





#1

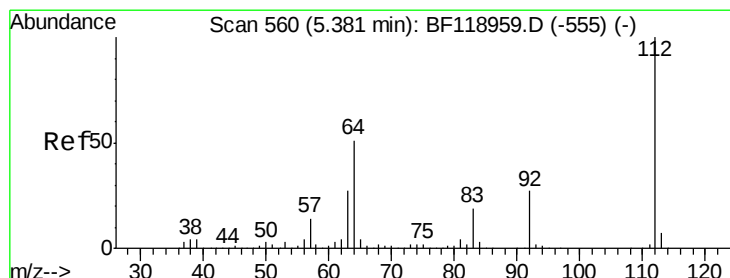
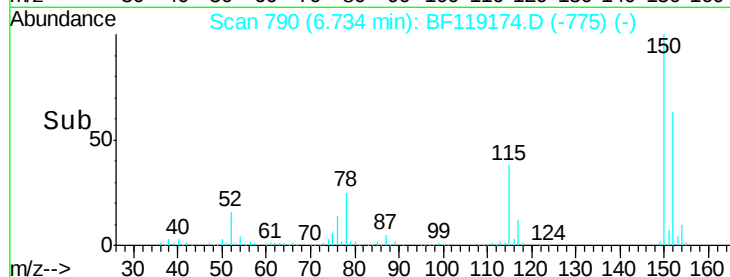
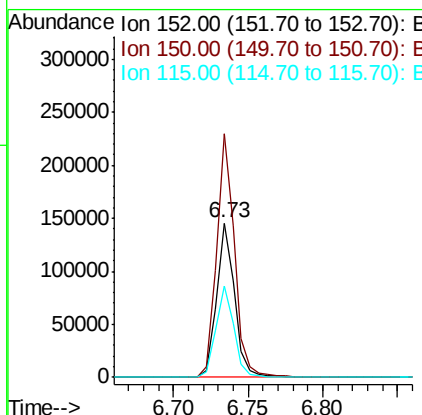
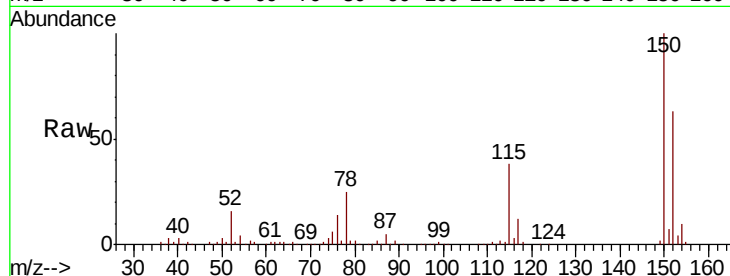
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119174.D
Acq: 2 Mar 2020 17:53

Instrument :
BNA_F
ClientSampleId :
GP-13-022720

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.0	184.6
115	59.5	49.5	74.3

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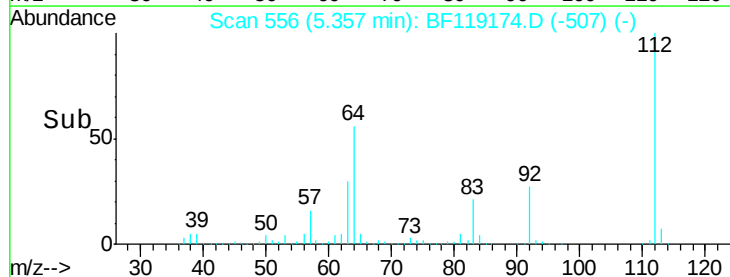
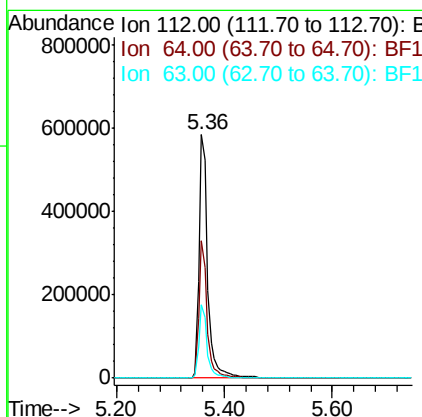
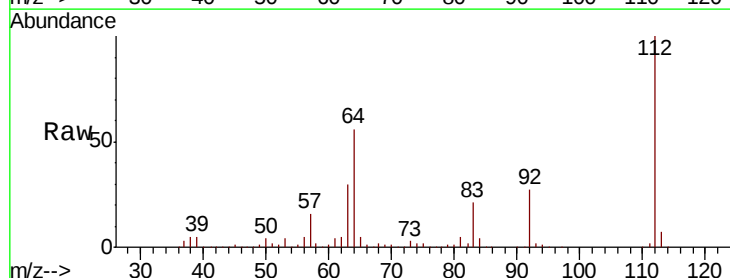
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#5

2-Fluorophenol
Concen: 89.290 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF119174.D
Acq: 2 Mar 2020 17:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.0	67.4
63	30.3	24.2	36.4





#7

Phenol-d6

Concen: 90.259 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119174.D

Acq: 2 Mar 2020 17:53

Instrument :

BNA_F

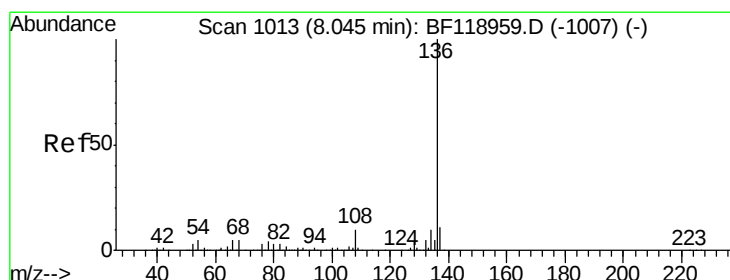
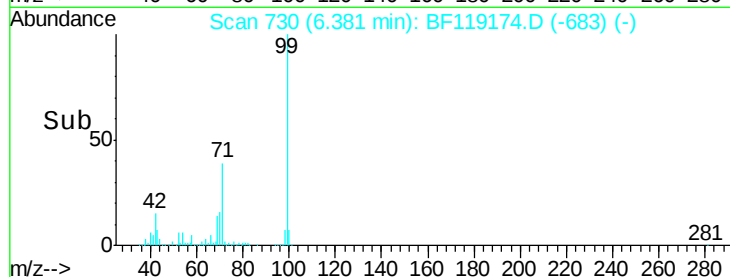
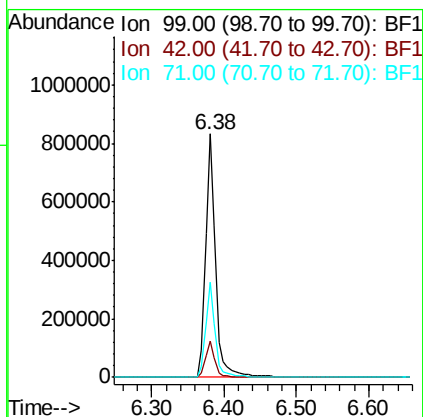
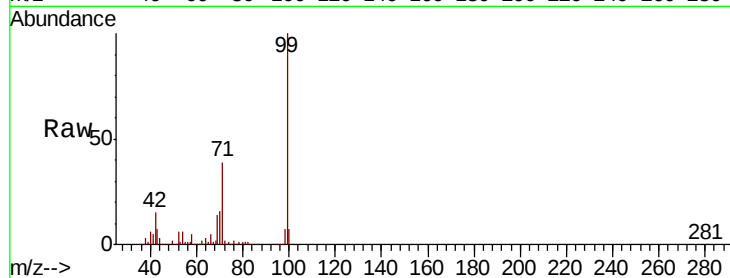
ClientSampled :

GP-13-022720

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		802858		
42	15.1	12.6	18.8		
71	39.3	31.0	46.4		

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#21

Naphthalene-d8

Concen: 20.000 ng

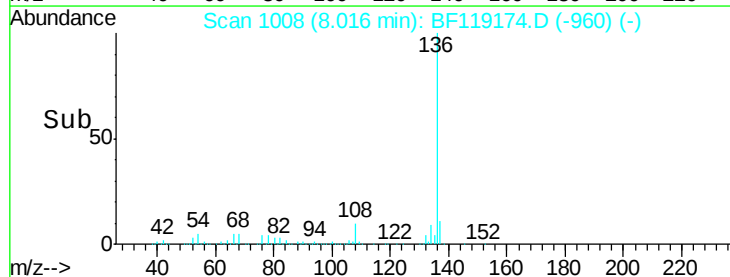
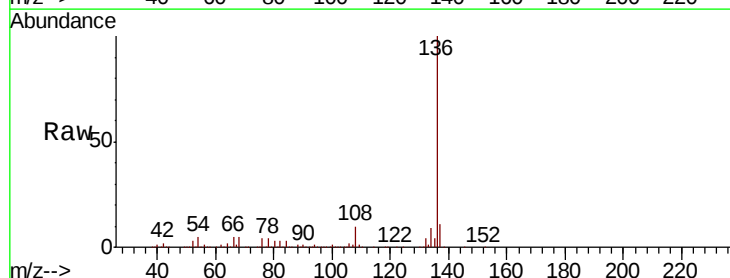
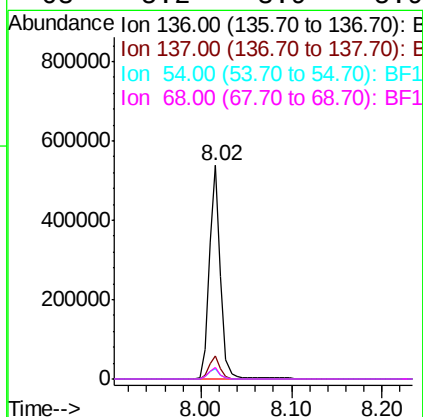
RT: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF119174.D

Acq: 2 Mar 2020 17:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		467408		
137	10.9	8.8	13.2		
54	4.9	3.8	5.6		
68	5.2	3.9	5.9		





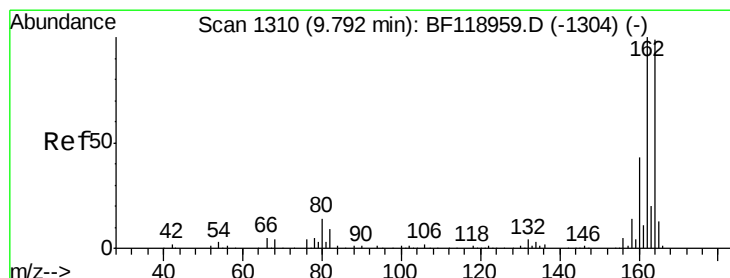
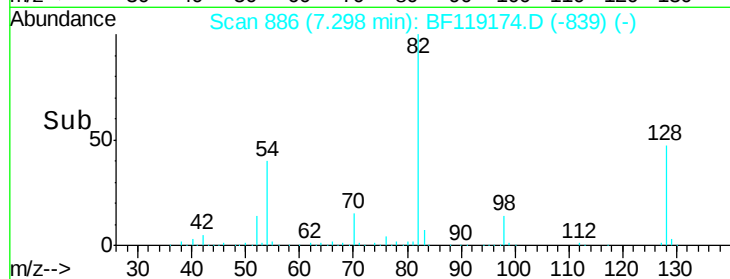
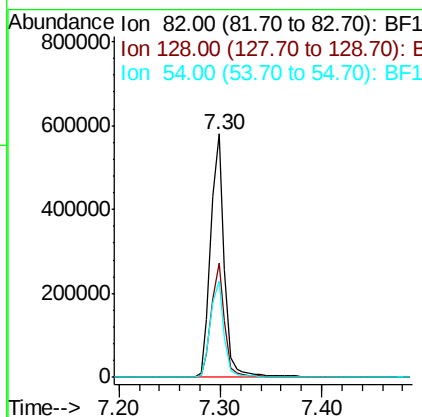
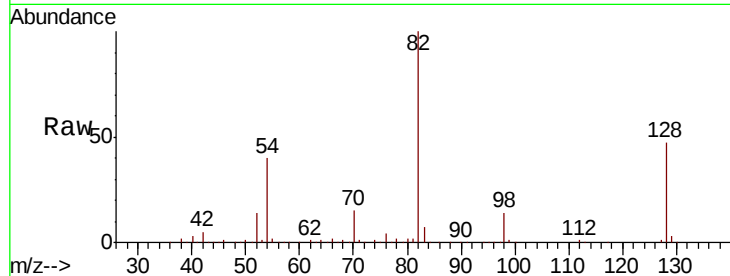
#23
Nitrobenzene-d5
Concen: 61.753 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF119174.D
Acq: 2 Mar 2020 17:53

Instrument :
BNA_F
ClientSampleId :
GP-13-022720

Tot Ion	Ratio	Resp	Lower	Upper
82	100	546661		
128	46.8		37.9	56.9
54	39.7		33.4	50.2

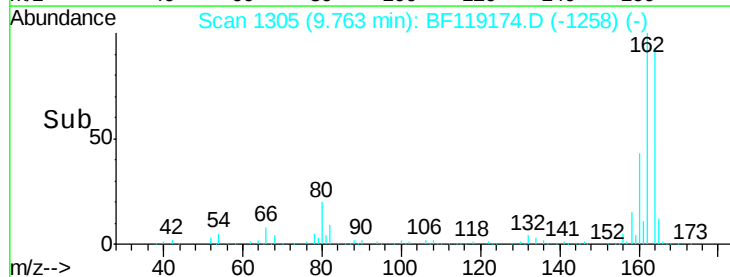
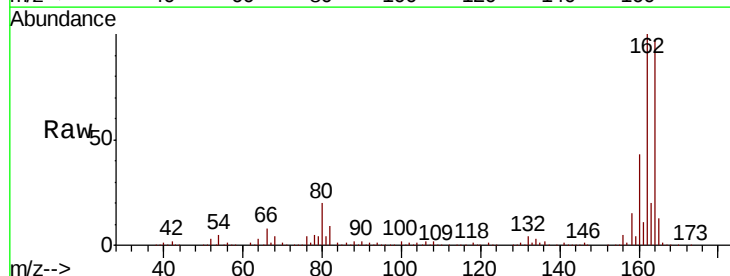
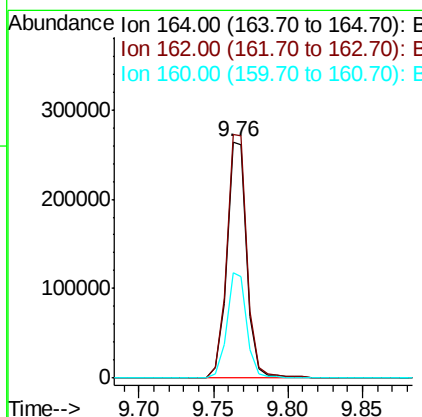
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BF119174.D
Acq: 2 Mar 2020 17:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	252444		
162	103.2		81.8	122.8
160	44.7		36.0	54.0





#42

2,4,6-Tribromophenol

Concen: 77.026 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF119174.D

Acq: 2 Mar 2020 17:53

Instrument :

BNA_F

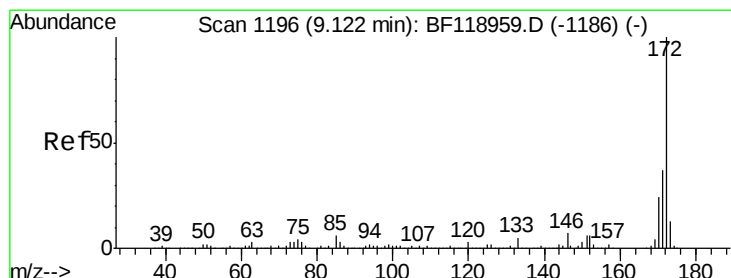
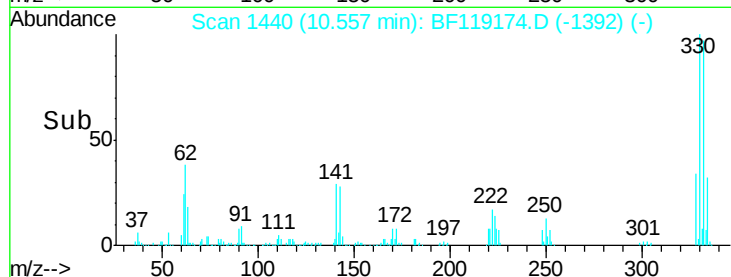
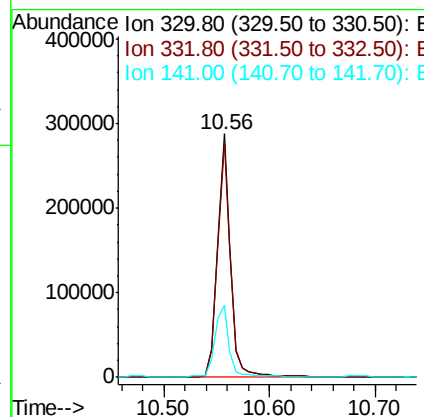
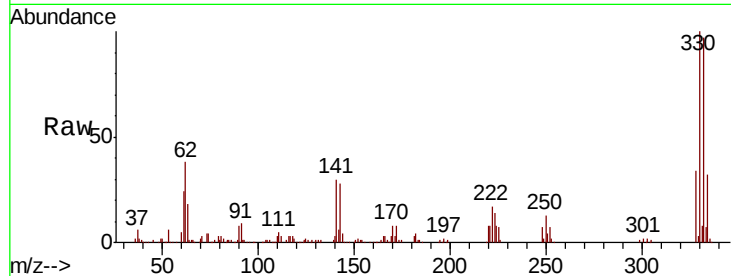
ClientSampleId :

GP-13-022720

Tot Ion:	330	Resp:	254370
Ion Ratio	Lower	Upper	
330	100		
332	97.4	76.0	114.0
141	32.7	22.9	34.3

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#45

2-Fluorobiphenyl

Concen: 59.758 ng

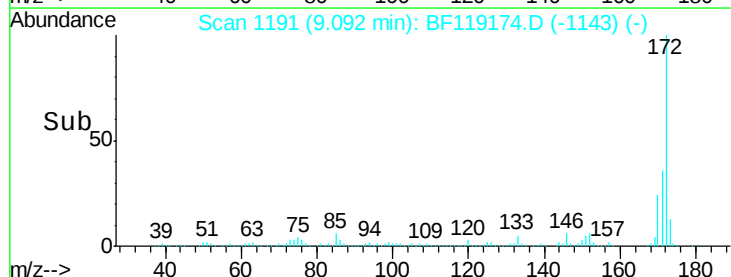
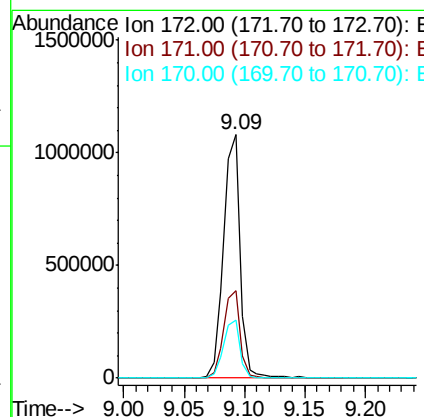
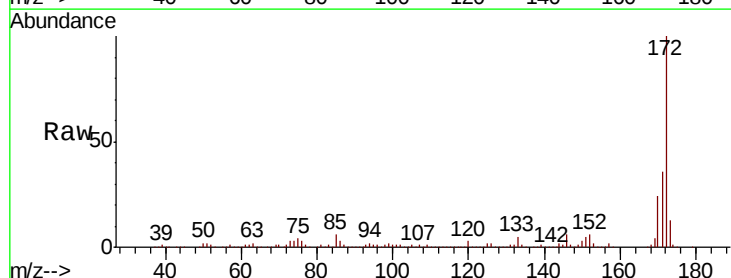
RT: 9.09 min Scan# 1191

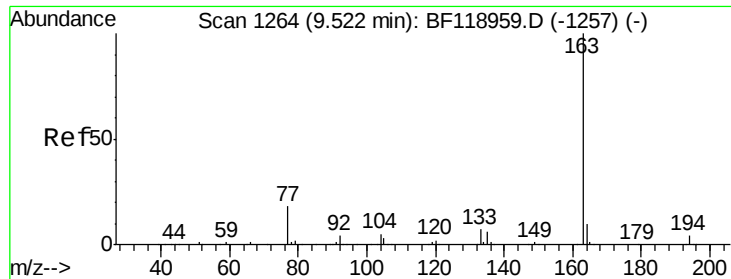
Delta R.T. -0.02 min

Lab File: BF119174.D

Acq: 2 Mar 2020 17:53

Tgt Ion:	172	Resp:	1024024
Ion Ratio	Lower	Upper	
172	100		
171	35.9	30.6	45.8
170	23.8	20.2	30.2





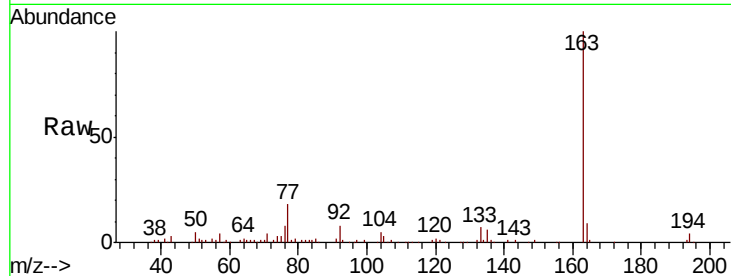
#50
Dimethylphthalate
Concen: 5.336 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF119174.D
Acq: 2 Mar 2020 17:53

Instrument :
BNA_F
ClientSampled :
GP-13-022720

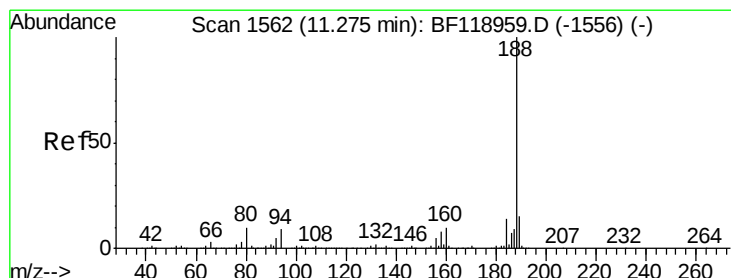
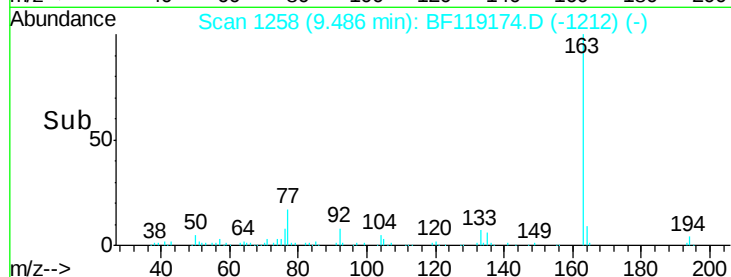
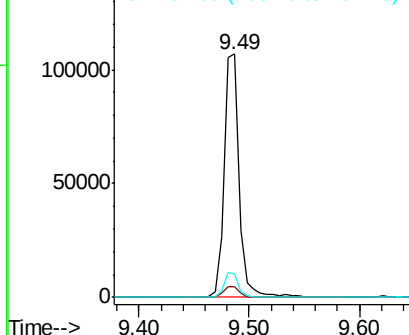
Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100				
194	4.5		3.5	5.3	
164	9.5		8.4	12.6	

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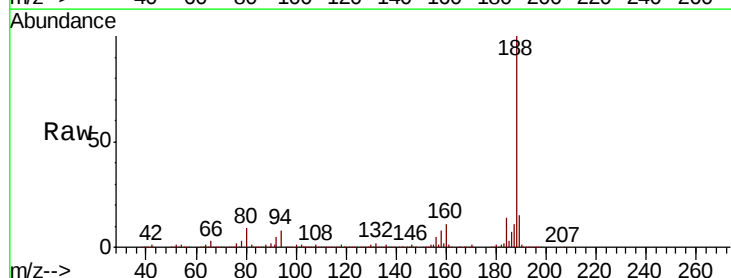


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

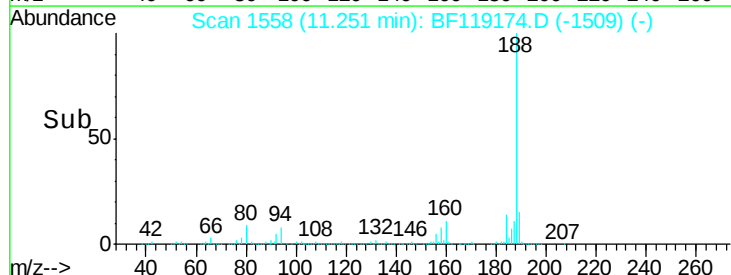
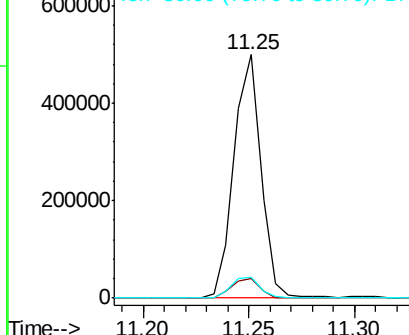


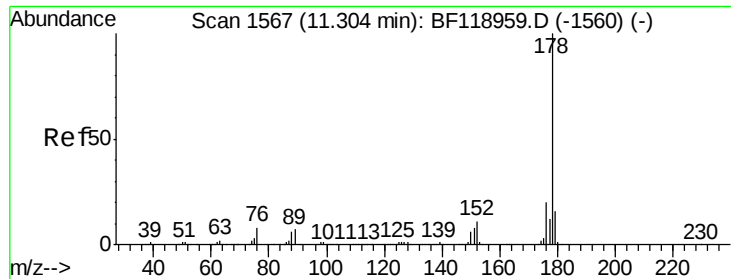
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119174.D
Acq: 2 Mar 2020 17:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.2		7.1	10.7	
80	8.6		7.8	11.8	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





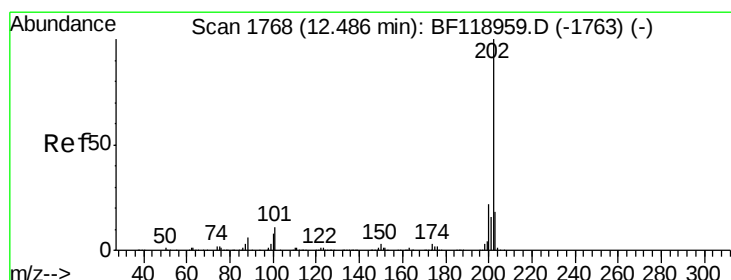
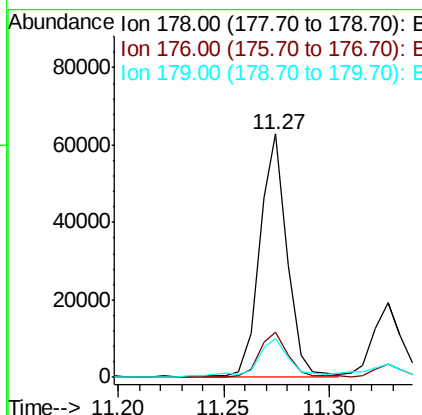
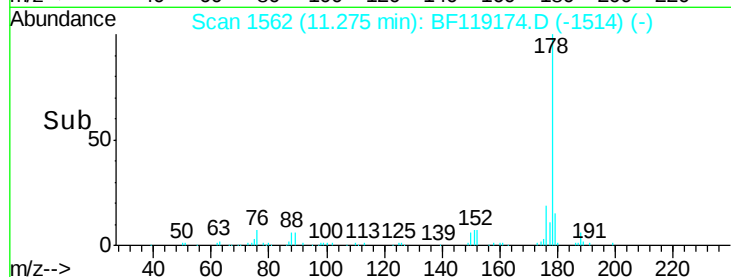
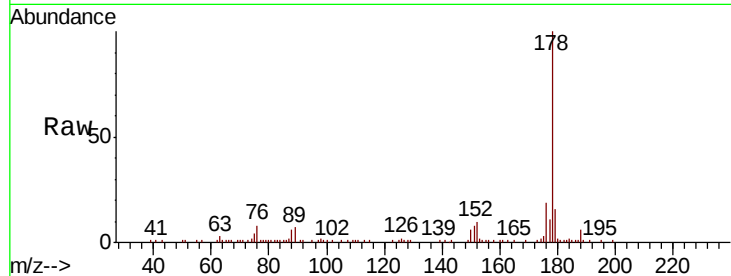
#71
Phenanthrene
Concen: 2.361 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF119174.D
Acq: 2 Mar 2020 17:53

Instrument :
BNA_F
ClientSampleId :
GP-13-022720

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.5	24.7
179	15.7	13.0	19.6

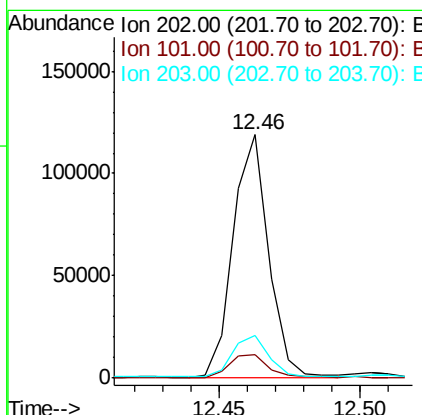
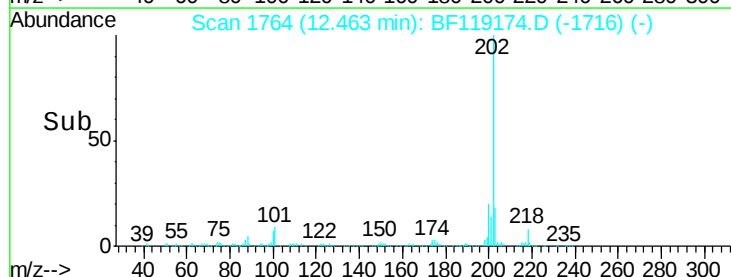
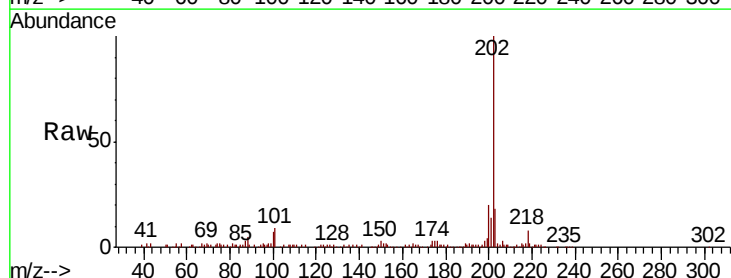
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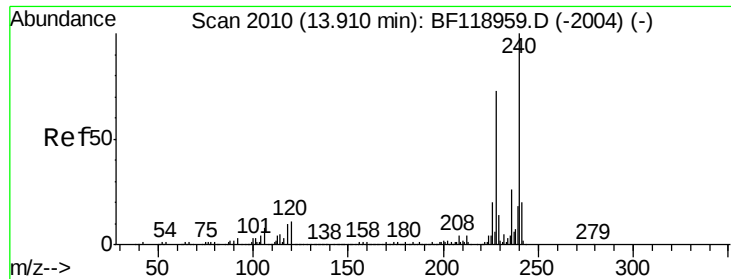
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#75
Fluoranthene
Concen: 4.032 ng
RT: 12.46 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BF119174.D
Acq: 2 Mar 2020 17:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.3
203	17.7	0.0	38.4





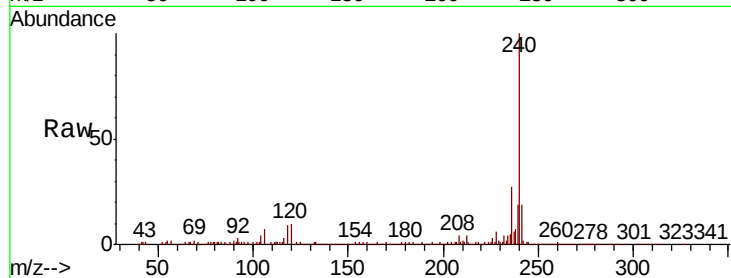
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF119174.D
Acq: 2 Mar 2020 17:53

Instrument :
BNA_F
ClientSampleId :
GP-13-022720

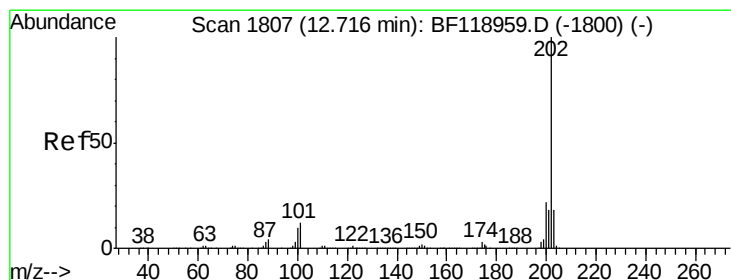
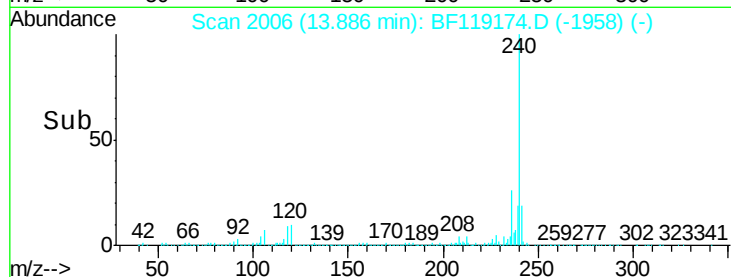
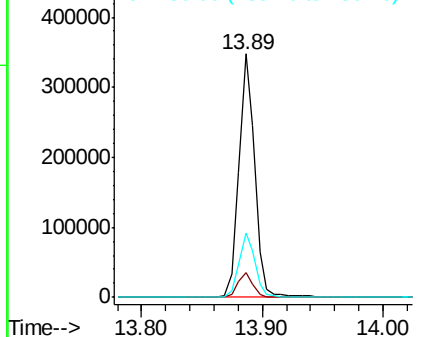
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.4	12.6
236	26.6	21.0	31.4

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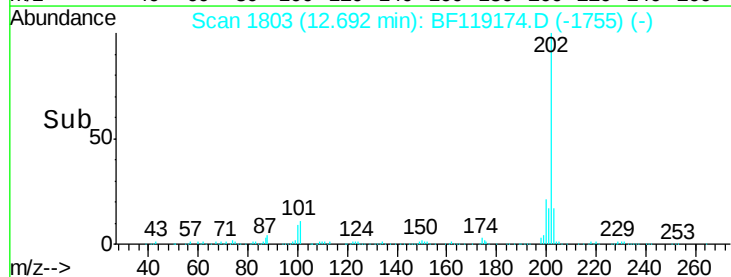
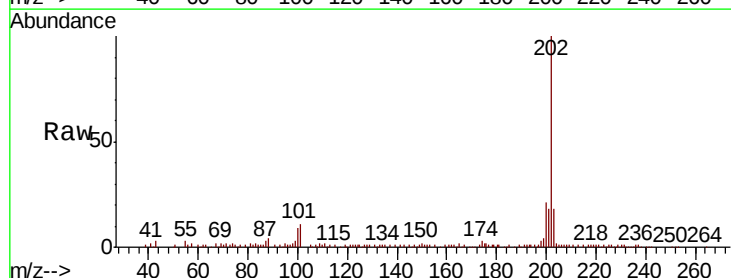
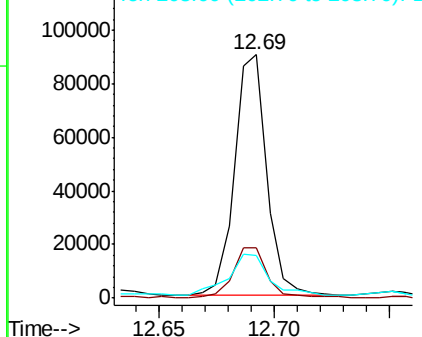
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

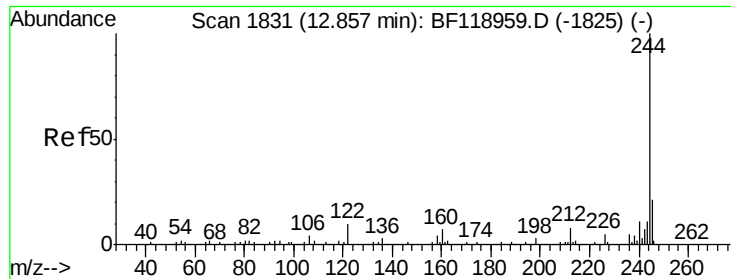


#78
Pyrene
Concen: 3.421 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.02 min
Lab File: BF119174.D
Acq: 2 Mar 2020 17:53

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	18.0	27.0
203	17.7	14.6	22.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





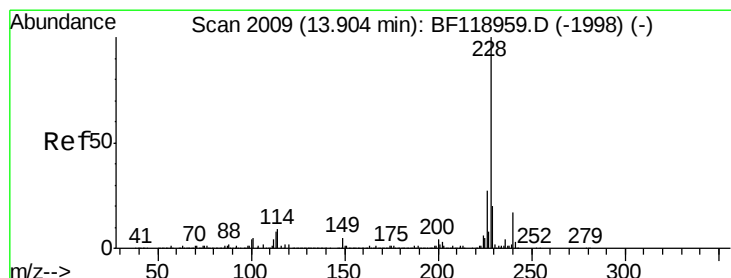
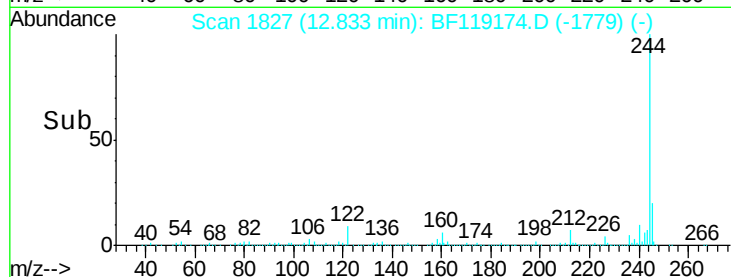
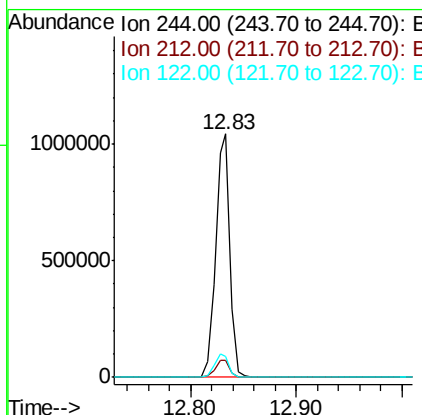
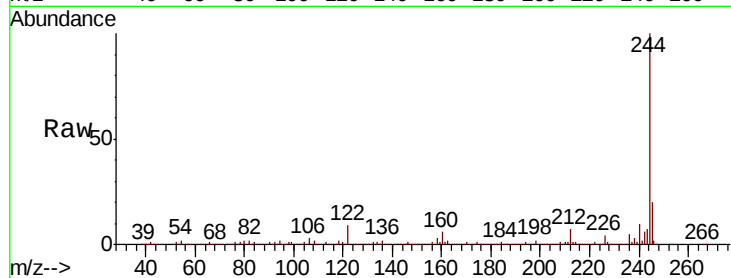
#79
 Terphenyl-d14
 Concen: 54.233 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF119174.D
 Acq: 2 Mar 2020 17:53

Instrument :
 BNA_F
 ClientSampleId :
 GP-13-022720

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.6	10.0
122	8.7	8.2	12.2

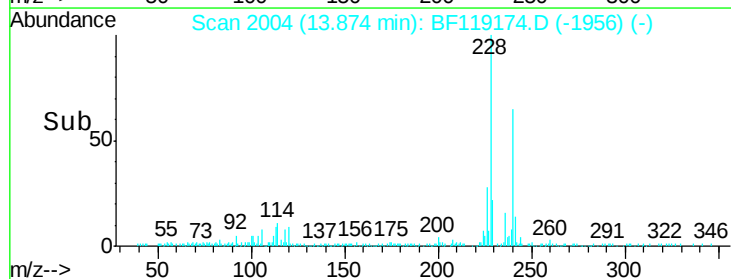
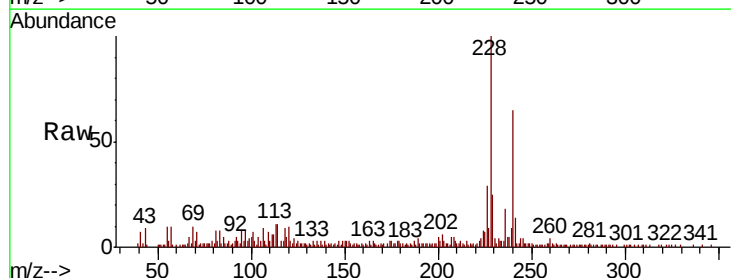
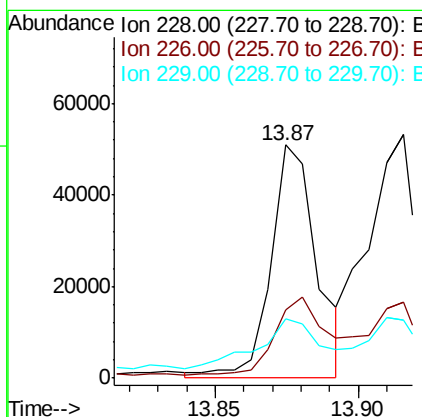
Manual Integrations
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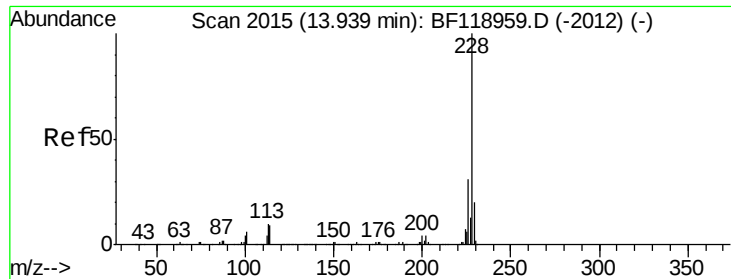
mohammad
 3/3/2020 12:25:53 PM



#81
 Benzo(a)anthracene
 Concen: 2.630 ng m
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BF119174.D
 Acq: 2 Mar 2020 17:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	25.2	16.6	24.8





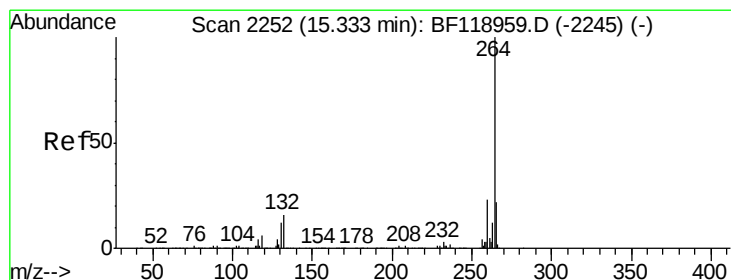
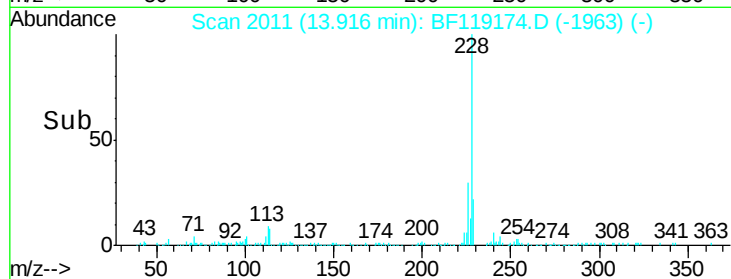
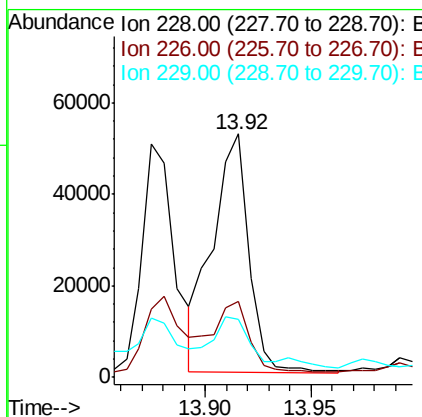
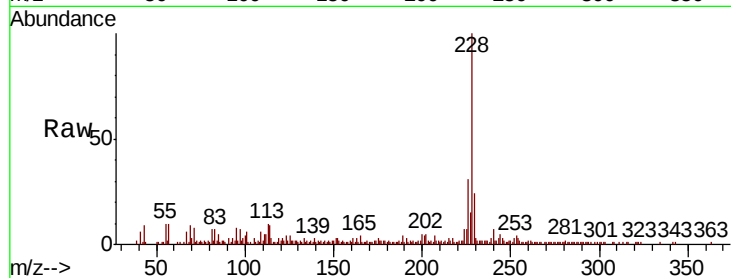
#83
Chrysene
Concen: 2.911 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BF119174.D
Acq: 2 Mar 2020 17:53

Instrument :
BNA_F
ClientSampleId :
GP-13-022720

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.1	37.7
229	23.9	16.3	24.5

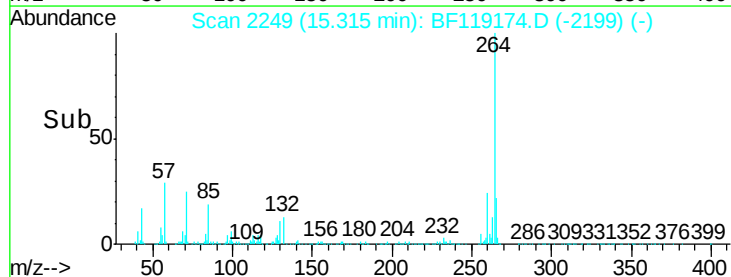
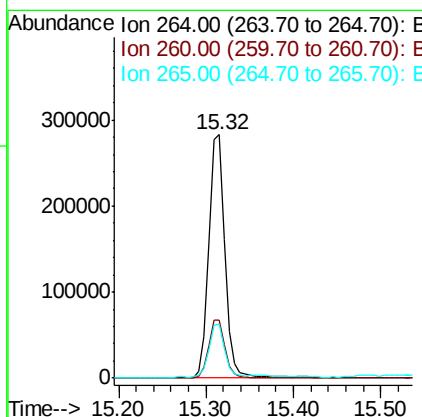
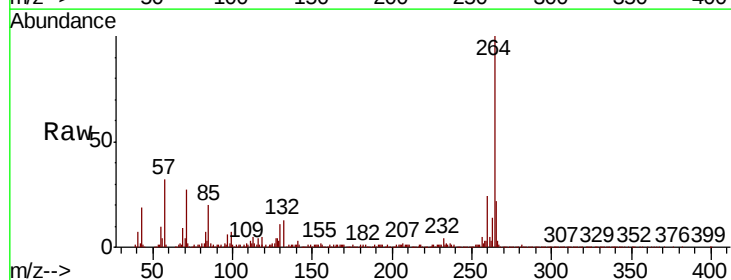
Manual Integrations
APPROVED

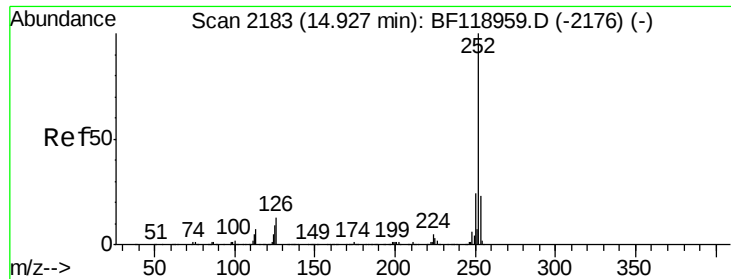
mohammad
3/3/2020 12:25:53 PM



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BF119174.D
Acq: 2 Mar 2020 17:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	22.1	17.7	26.5





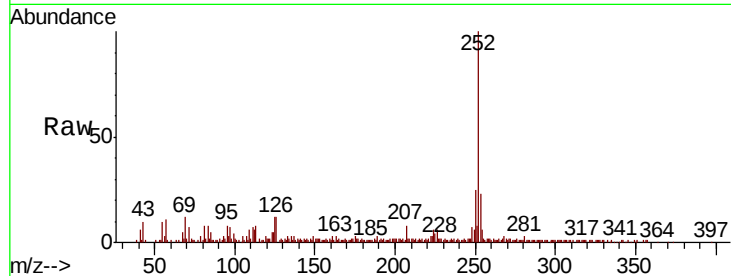
#88
Benzo(b)fluoranthene
Concen: 4.350 ng m
RT: 14.91 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BF119174.D
Acq: 2 Mar 2020 17:53

Instrument :
BNA_F
ClientSampleId :
GP-13-022720

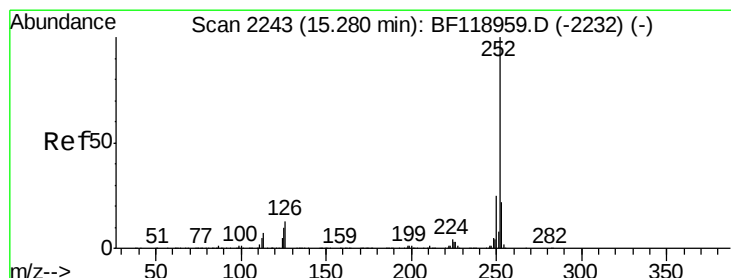
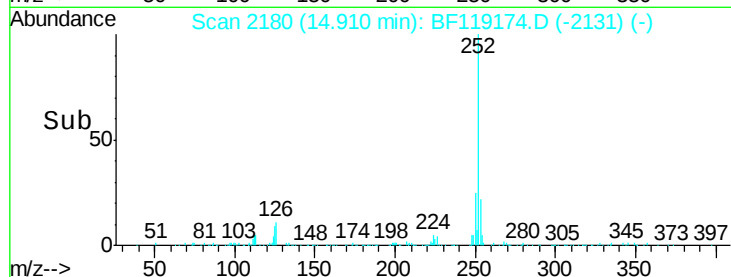
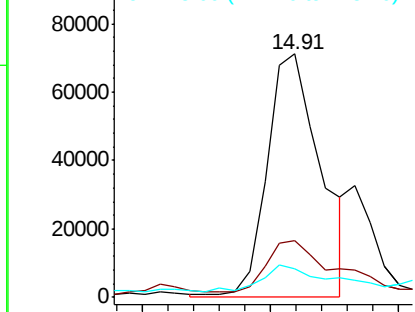
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	11.7	7.4	11.0

Manual Integrations
APPROVED

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3/3/2020 12:25:53 PM

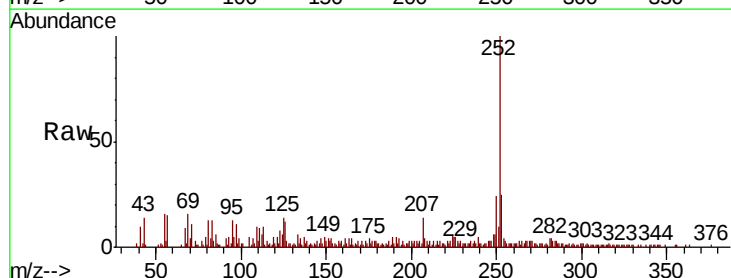


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 2.076 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF119174.D
Acq: 2 Mar 2020 17:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.0	27.0
125	14.2	8.6	12.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

