

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
 Data File : BF119127.D
 Acq On : 28 Feb 2020 00:33
 Operator : CG/JU
 Sample : L1697-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-053-B

Manual Integrations
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Quant Time: Feb 28 05:56:18 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	6.75	152	143010	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	511042	20.00	ng	0.00
39) Acenaphthene-d10	9.78	164	242852	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	371573	20.00	ng	0.00
76) Chrysene-d12	13.90	240	333702	20.00	ng	0.00
87) Perylene-d12	15.33	264	387936	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	703021	82.15	ng	0.00
7) Phenol-d6	6.39	99	823504	79.13	ng	-0.01
23) Nitrobenzene-d5	7.31	82	525164	54.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.57	330	205482	64.68	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	889980	53.99	ng	0.00
79) Terphenyl-d14	12.84	244	811843	41.89	ng	0.00
Target Compounds						Qvalue
75) Fluoranthene	12.47	202	111131	5.167	ng	98
78) Pyrene	12.70	202	104632	3.905	ng	97
81) Benzo(a)anthracene	13.89	228	78563	3.455	ng	100
83) Chrysene	13.93	228	75200	3.319	ng	98
86) Indeno(1,2,3-cd)pyrene	16.73	276	45512	2.075	ng	98
88) Benzo(b)fluoranthene	14.92	252	128949m	5.043	ng	
90) Benzo(a)pyrene	15.27	252	83677	3.626	ng	97
92) Benzo(g,h,i)perylene	17.16	276	41540	2.070	ng	# 94

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

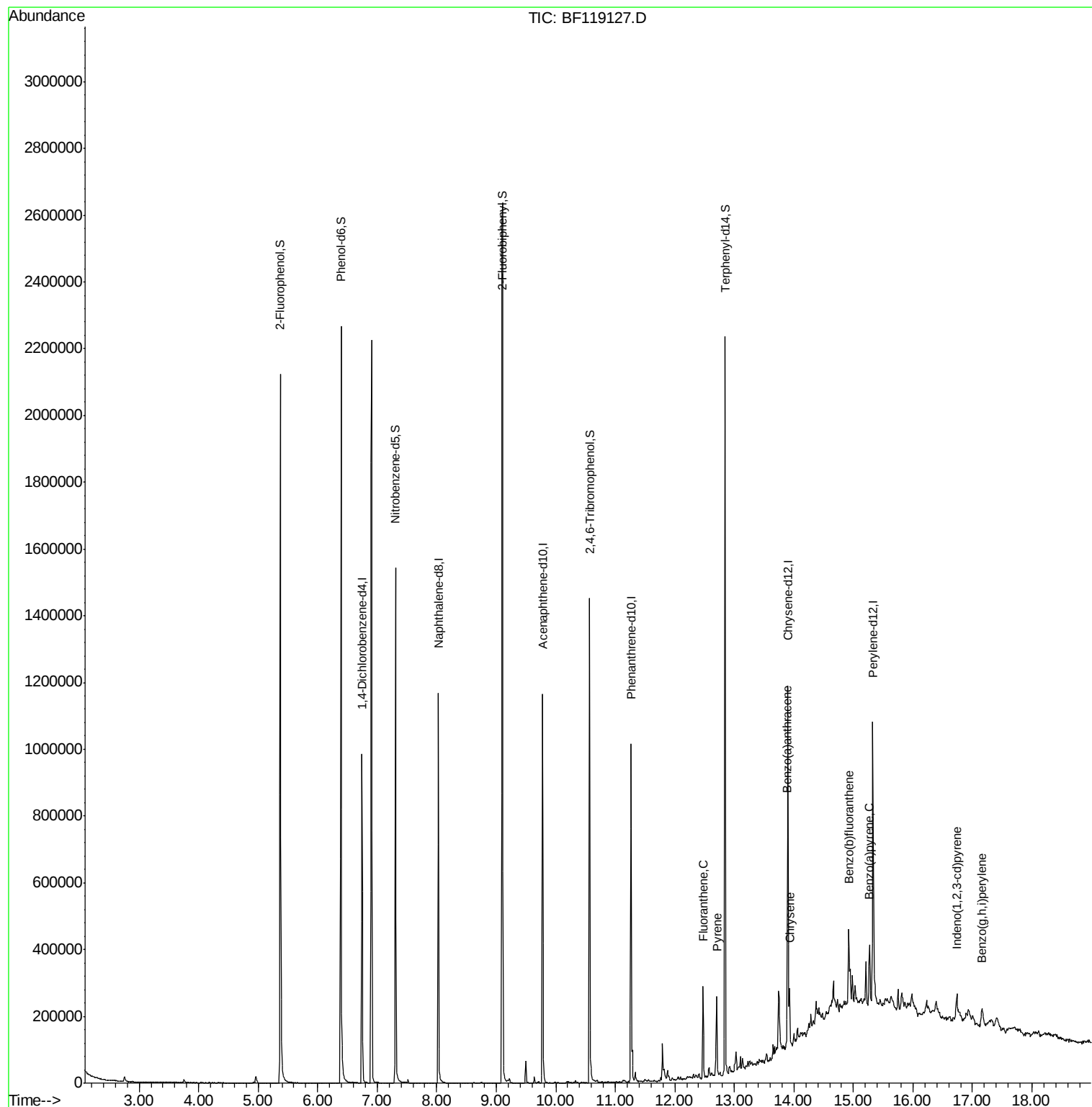
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

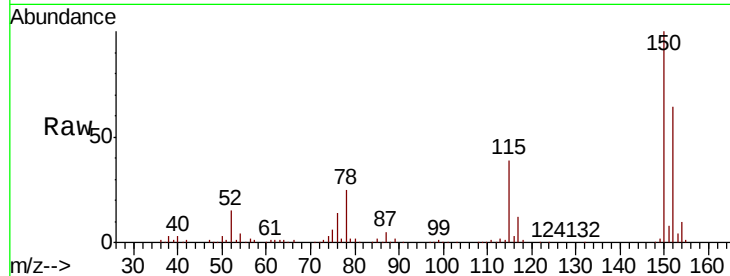
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF119127.D
Acq: 28 Feb 2020 00:33

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.0	184.6
115	61.3	49.5	74.3

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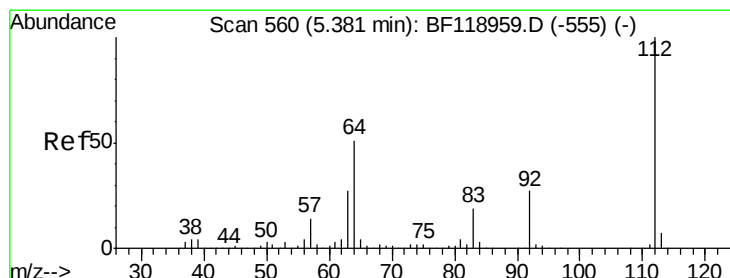
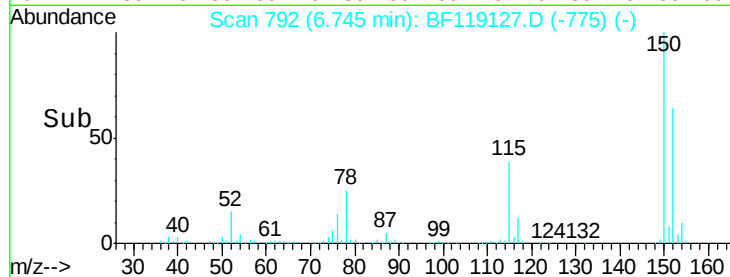
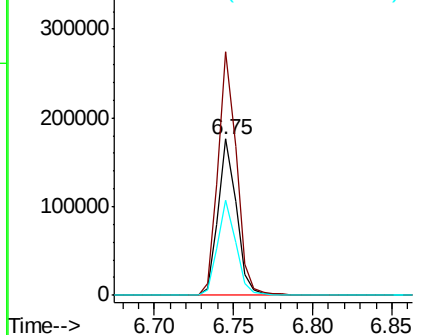


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

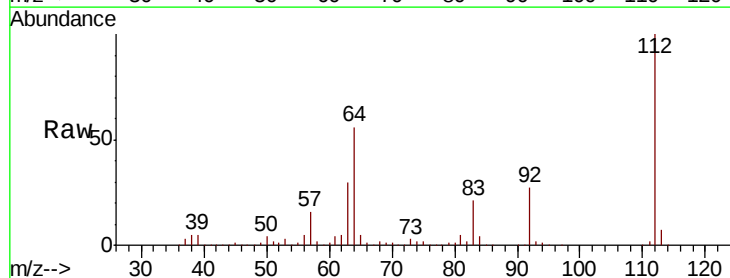
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 82.153 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119127.D
Acq: 28 Feb 2020 00:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	45.0	67.4
63	29.6	24.2	36.4

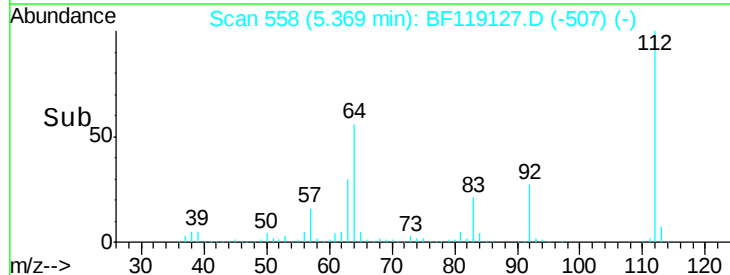
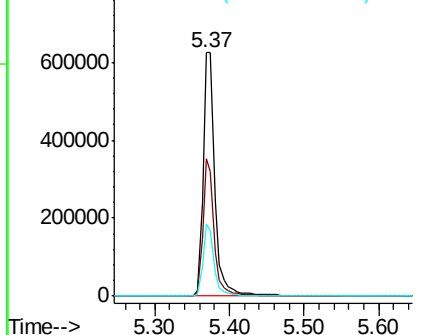


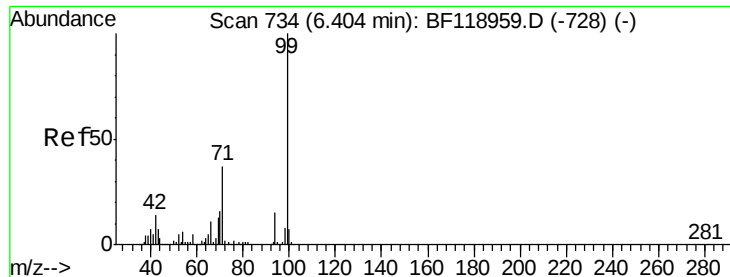
Abundance

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: 79.127 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119127.D

Acq: 28 Feb 2020 00:33

Instrument :

BNA_F

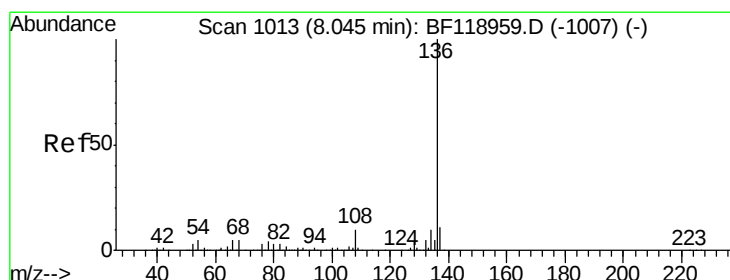
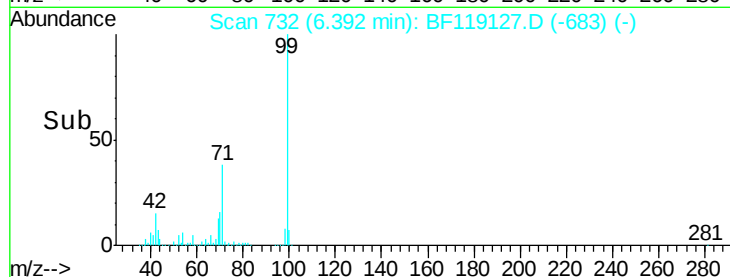
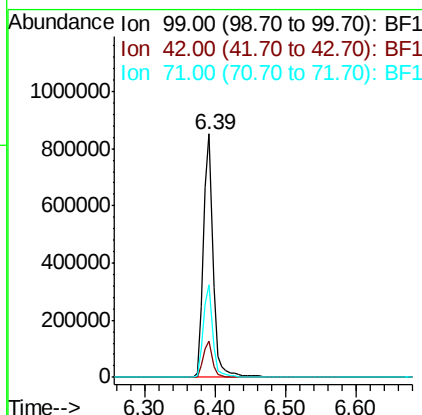
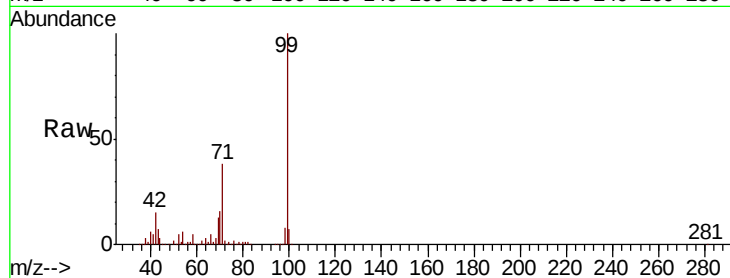
ClientSampleId :

FK-GF-02-053-B

Tot Ion:	99	Resp:	823504
Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.6	18.8
71	37.8	31.0	46.4

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#21

Naphthalene-d8

Concen: 20.000 ng

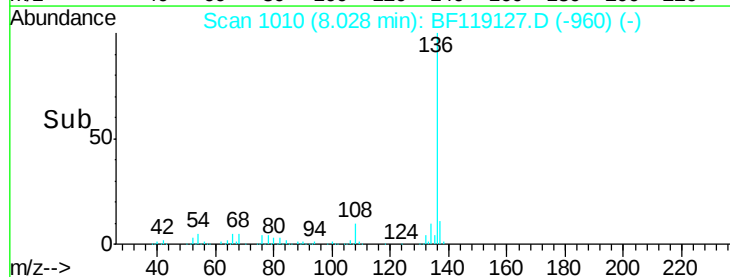
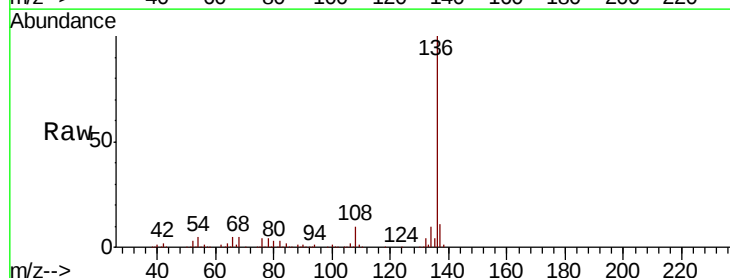
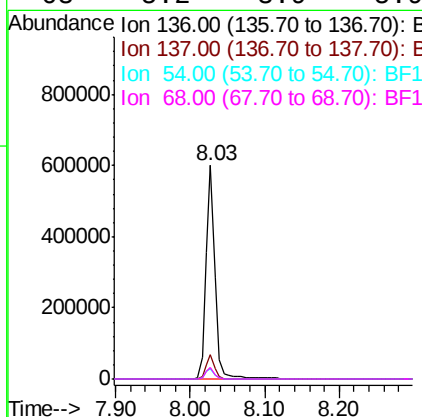
RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF119127.D

Acq: 28 Feb 2020 00:33

Tgt Ion:	136	Resp:	511042
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	4.9	3.8	5.6
68	5.2	3.9	5.9





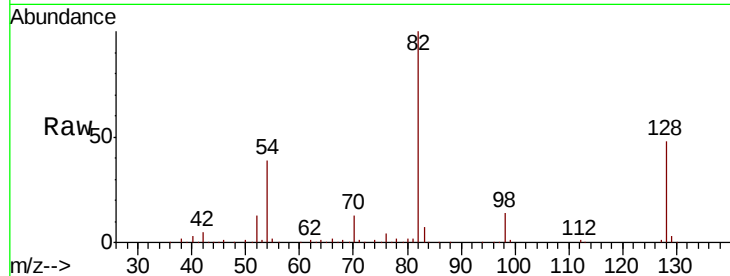
#23
 Nitrobenzene-d5
 Concen: 54.259 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF119127.D
 Acq: 28 Feb 2020 00:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-053-B

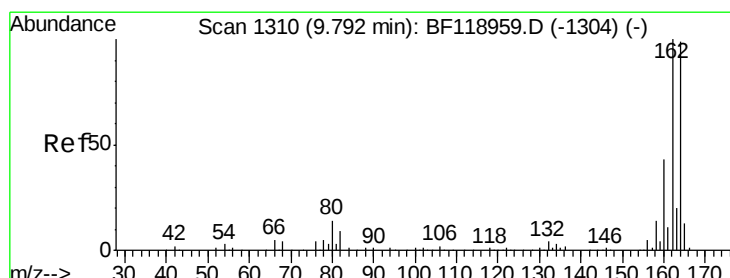
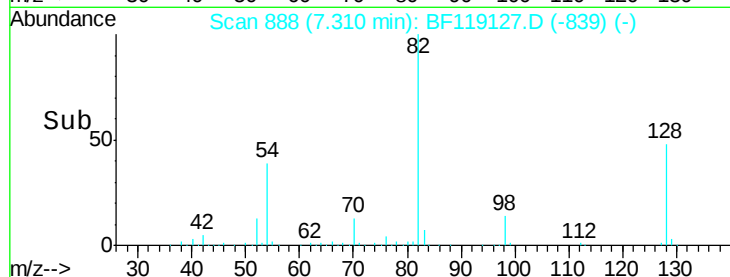
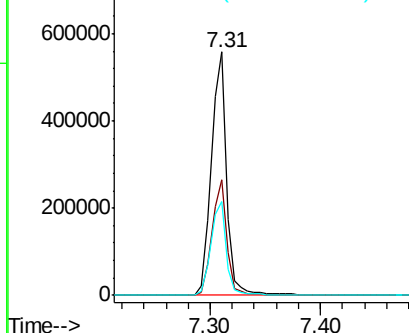
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.9	56.9
54	38.6	33.4	50.2

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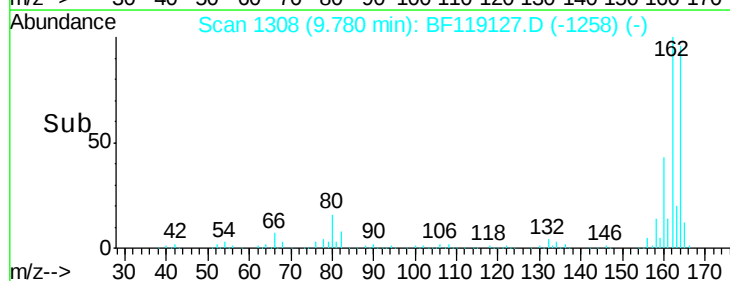
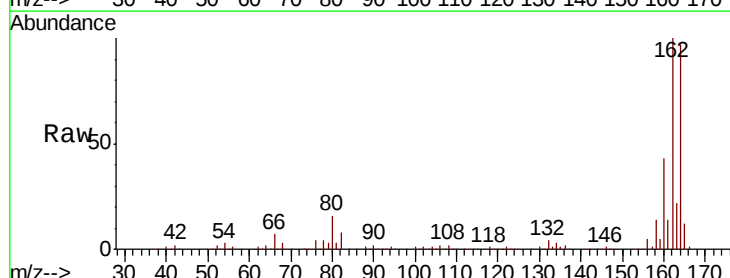
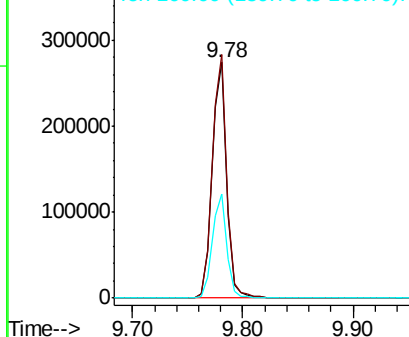
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF119127.D
 Acq: 28 Feb 2020 00:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.8	122.8
160	44.5	36.0	54.0

Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





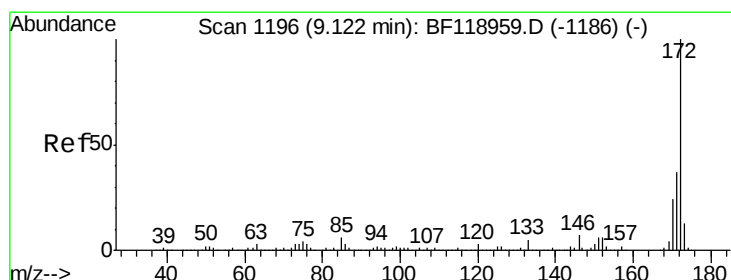
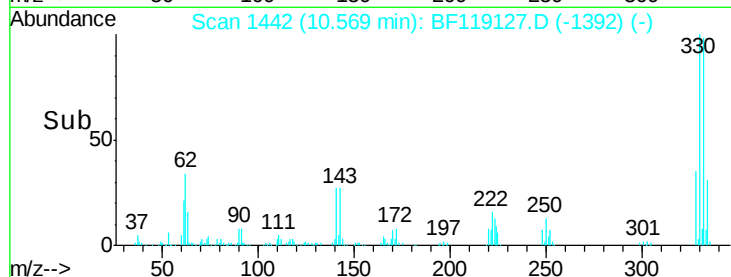
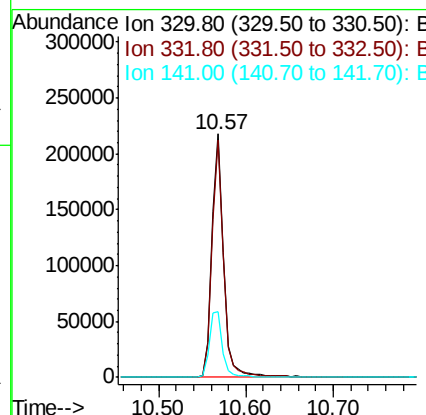
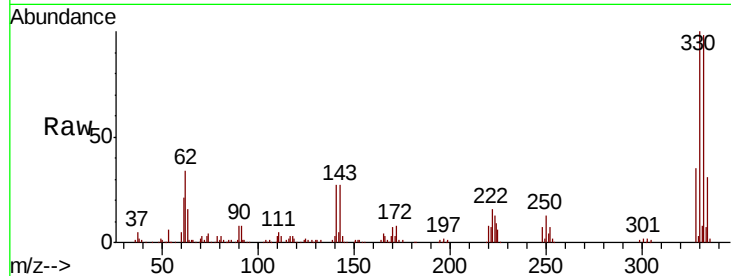
#42
 2,4,6-Tribromophenol
 Concen: 64.680 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF119127.D
 Acq: 28 Feb 2020 00:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-053-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.0	114.0
141	30.3	22.9	34.3

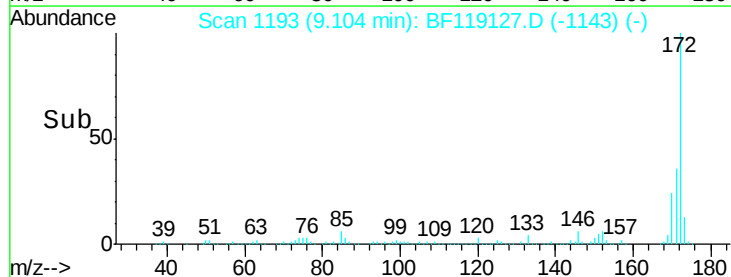
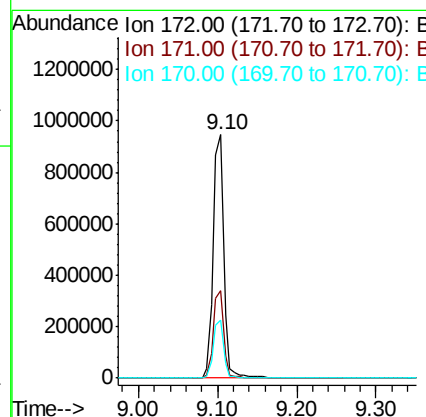
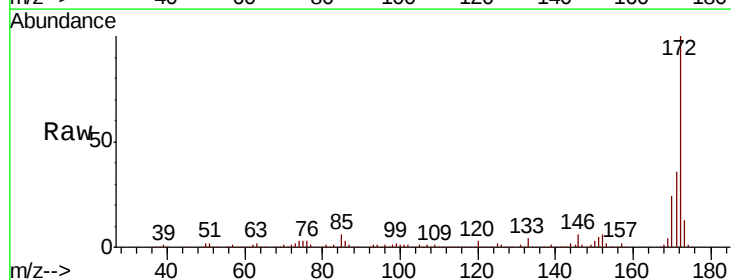
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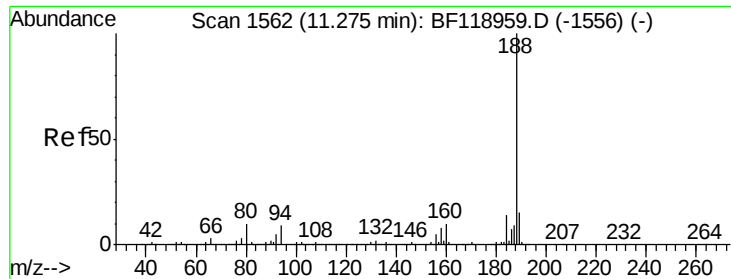
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#45
 2-Fluorobiphenyl
 Concen: 53.987 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF119127.D
 Acq: 28 Feb 2020 00:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.6	45.8
170	23.6	20.2	30.2





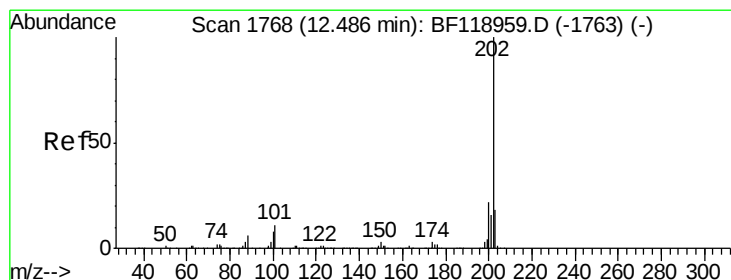
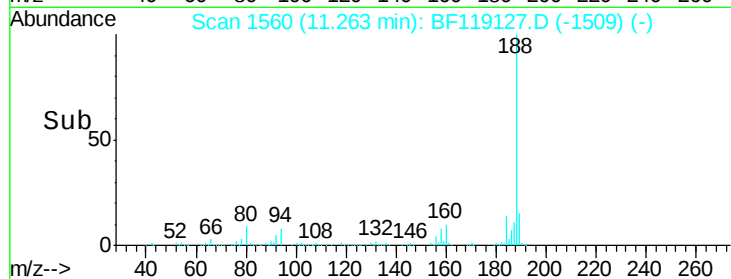
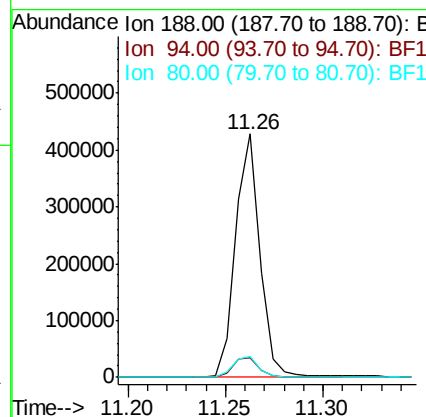
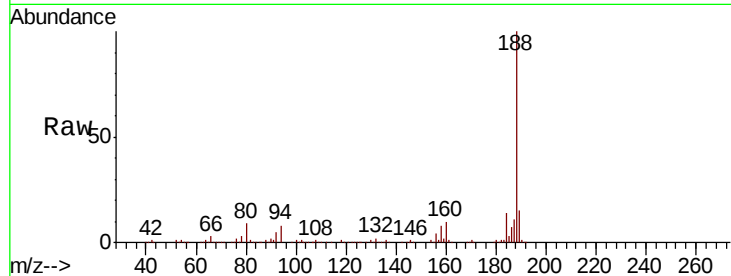
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF119127.D
Acq: 28 Feb 2020 00:33

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-B

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.8	7.1	10.7
80	8.8	7.8	11.8

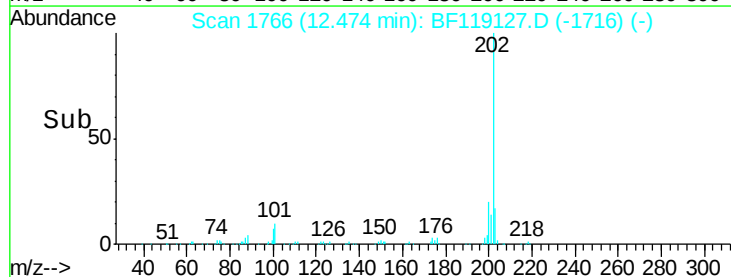
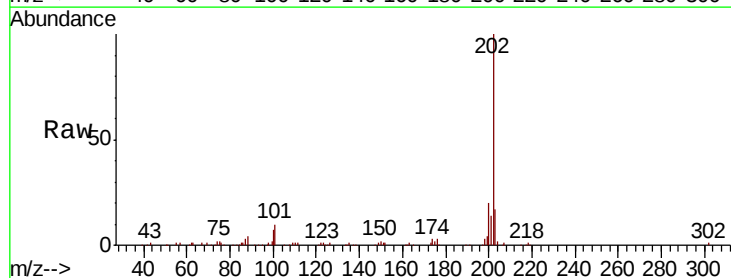
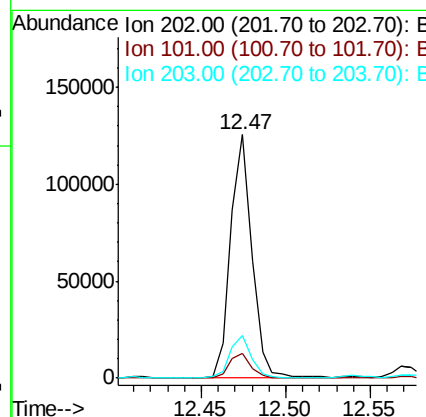
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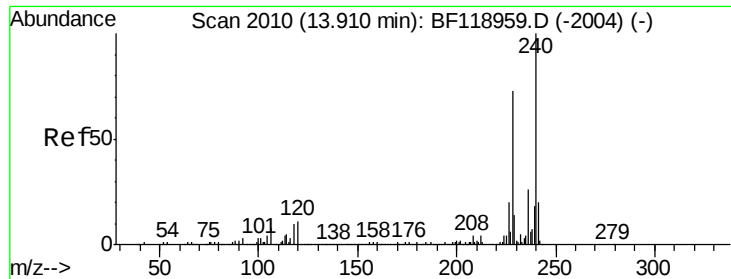
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#75
Fluoranthene
Concen: 5.167 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BF119127.D
Acq: 28 Feb 2020 00:33

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.1	0.0	30.3
203	17.4	0.0	38.4





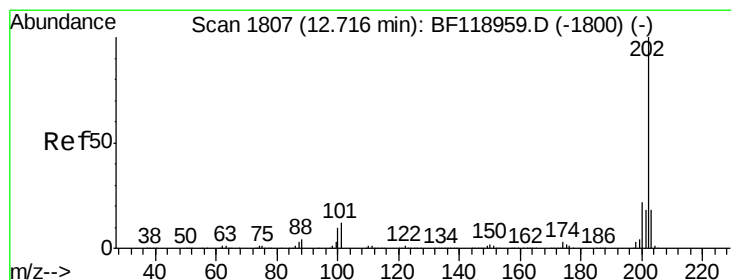
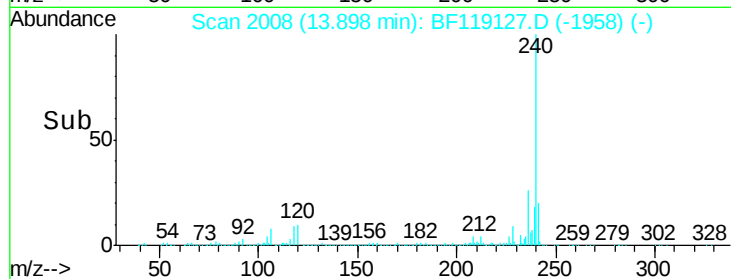
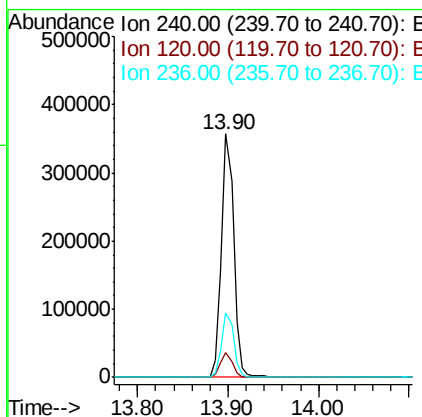
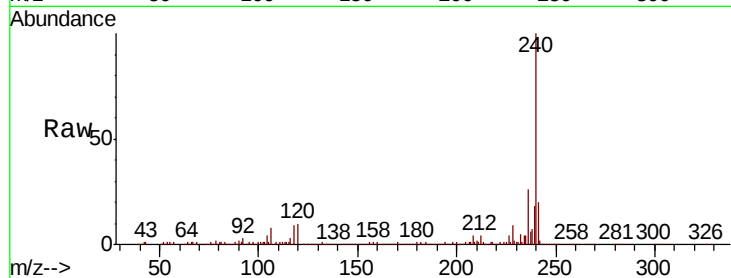
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BF119127.D
Acq: 28 Feb 2020 00:33

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-B

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	26.2	21.0	31.4

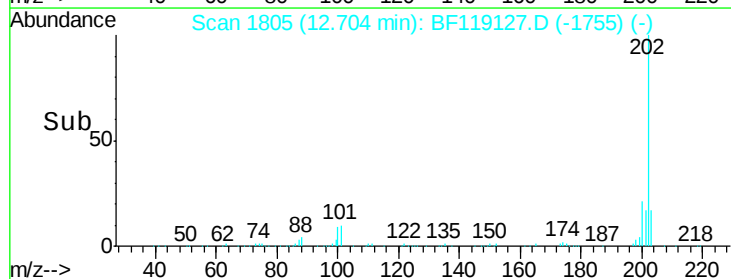
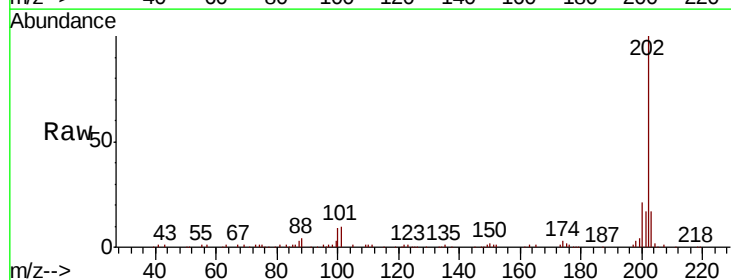
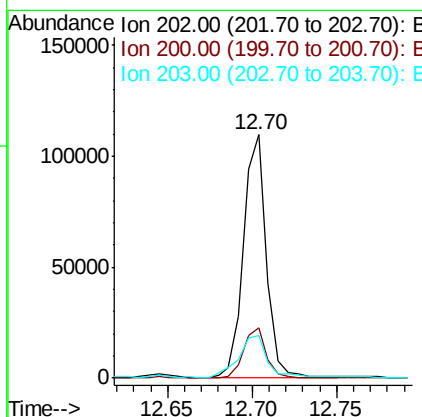
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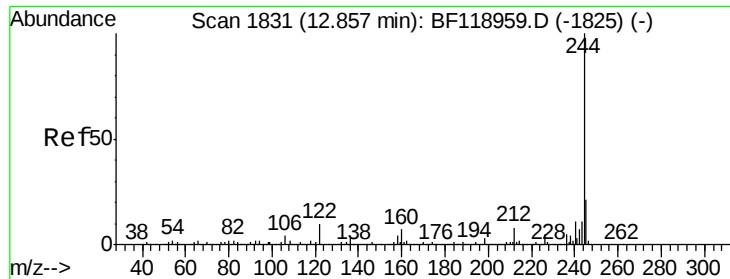
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#78
Pyrene
Concen: 3.905 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF119127.D
Acq: 28 Feb 2020 00:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	18.0	27.0
203	17.4	14.6	22.0





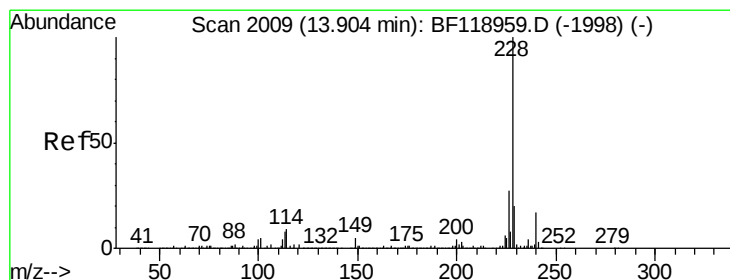
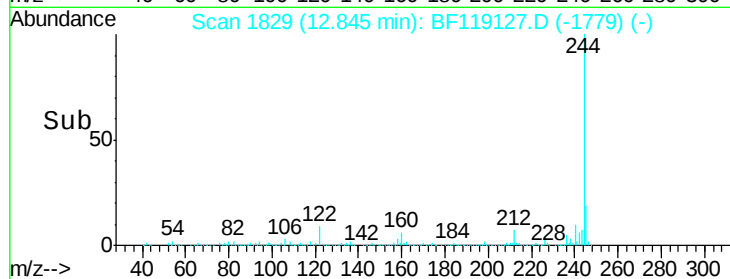
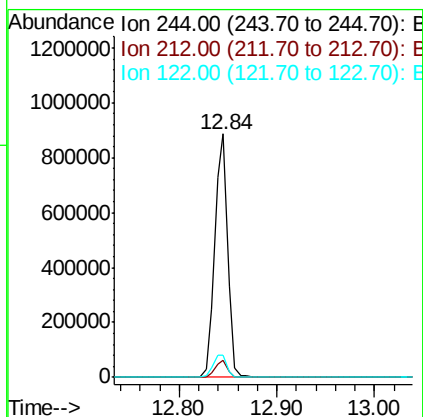
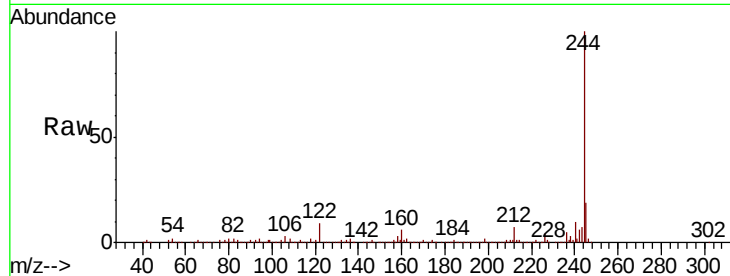
#79
 Terphenyl-d14
 Concen: 41.886 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF119127.D
 Acq: 28 Feb 2020 00:33

Instrument :
 BNA_F
 ClientSampleId :
 FK-GF-02-053-B

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.6	10.0
122	8.9	8.2	12.2

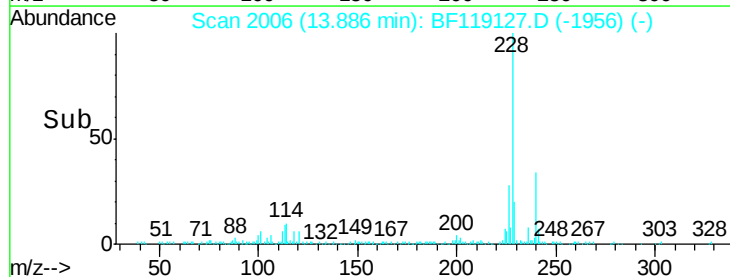
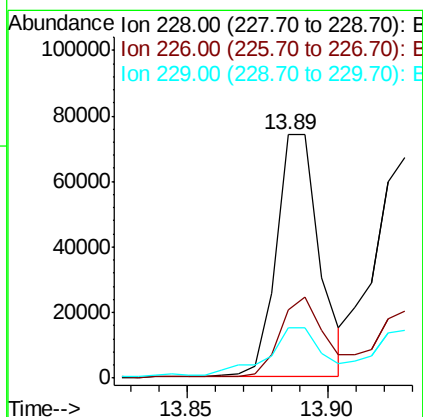
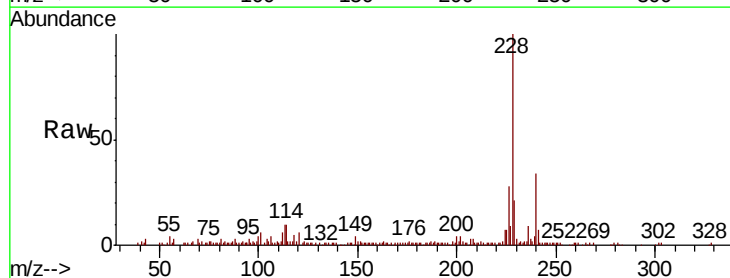
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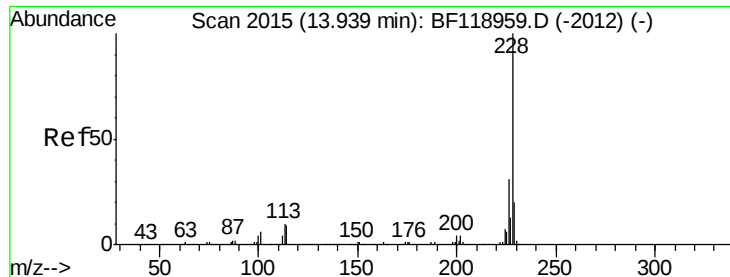
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#81
 Benzo(a)anthracene
 Concen: 3.455 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BF119127.D
 Acq: 28 Feb 2020 00:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.7	16.6	24.8





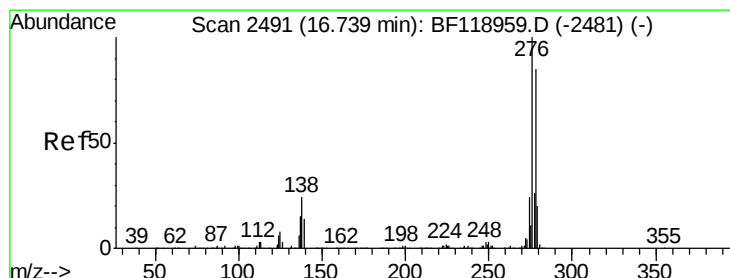
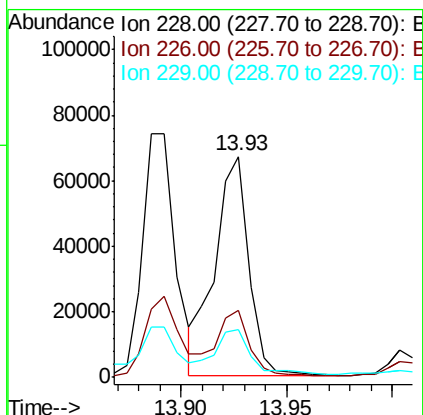
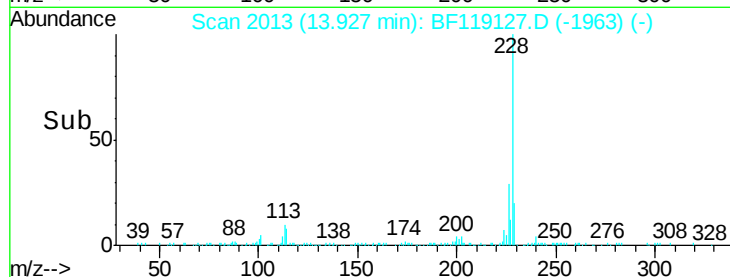
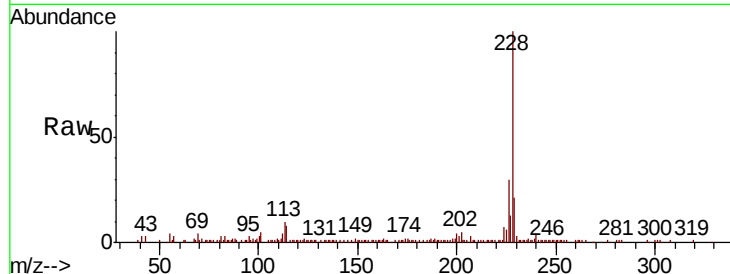
#83
Chrysene
Concen: 3.319 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF119127.D
Acq: 28 Feb 2020 00:33

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-B

Tot Ion:	228	Resp:	75200
Ion Ratio	Lower	Upper	
228	100		
226	30.1	25.1	37.7
229	21.5	16.3	24.5

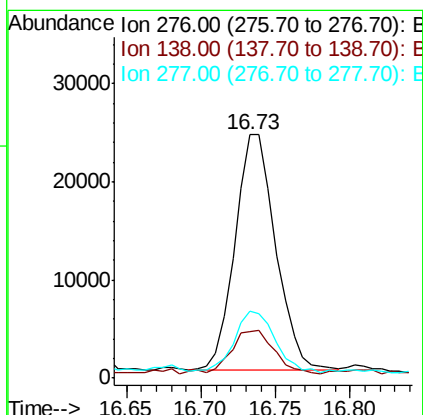
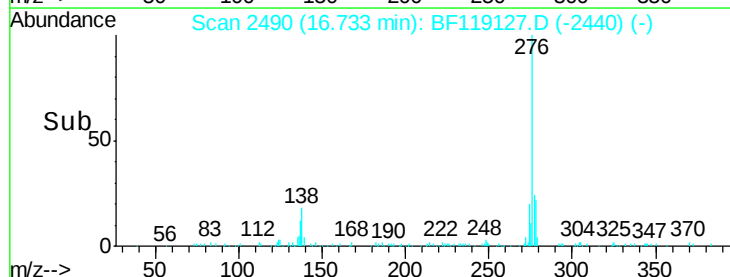
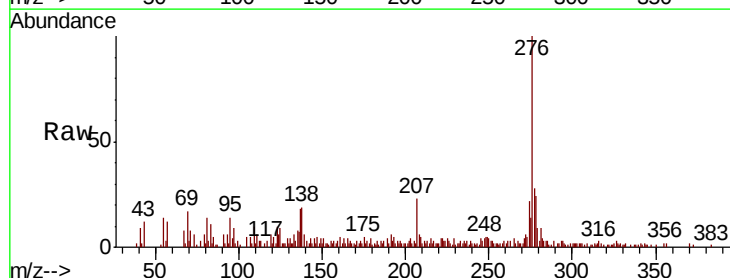
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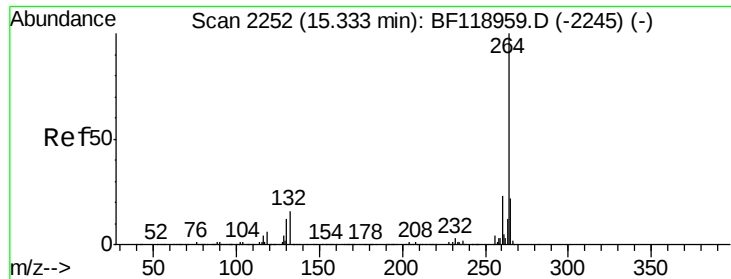
mohammad
2/28/2020 2:41:58 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 2.075 ng
RT: 16.73 min Scan# 2490
Delta R.T. -0.01 min
Lab File: BF119127.D
Acq: 28 Feb 2020 00:33

Tgt Ion:	276	Resp:	45512
Ion Ratio	Lower	Upper	
276	100		
138	19.6	17.4	26.0
277	25.8	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. 0.01 min

Lab File: BF119127.D

Acq: 28 Feb 2020 00:33

Instrument :

BNA_F

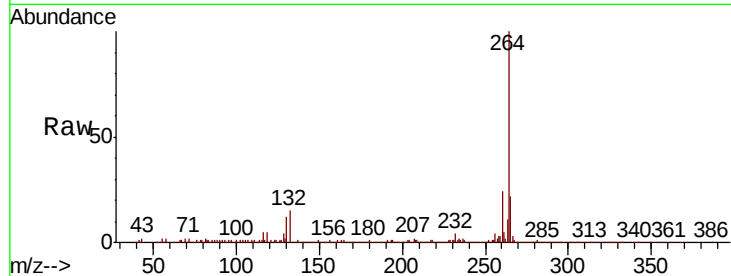
ClientSampleId :

FK-GF-02-053-B

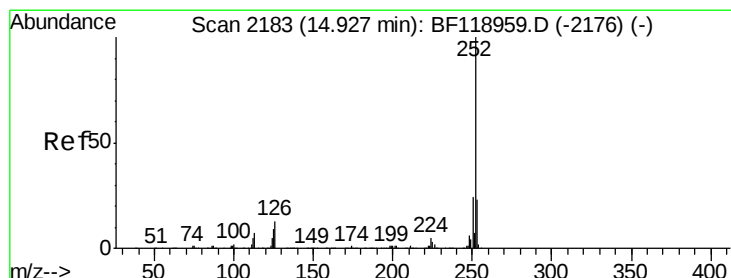
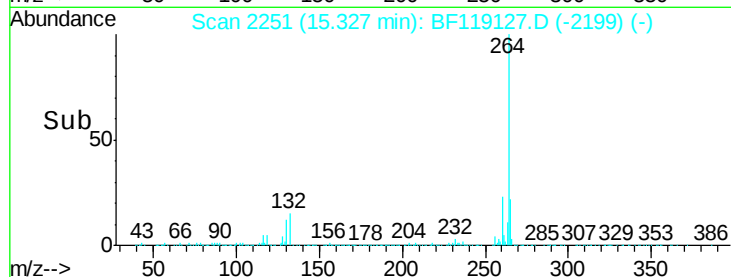
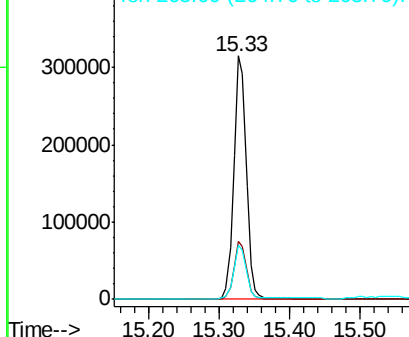
Tot Ion:	264	Resp:	387936
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.4	29.2
265	22.1	17.7	26.5

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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: 5.043 ng m

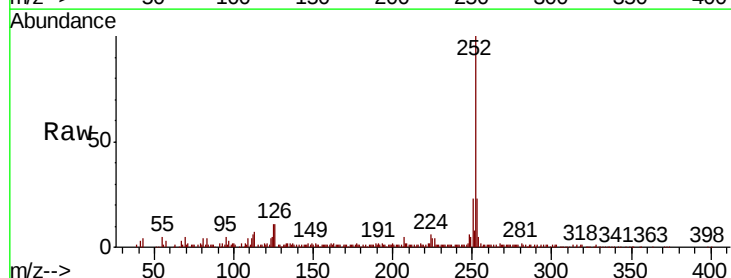
RT: 14.92 min Scan# 2182

Delta R.T. -0.00 min

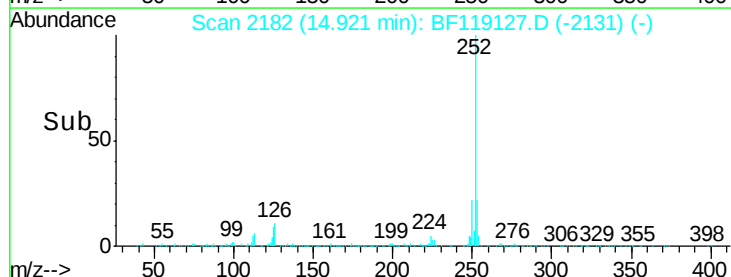
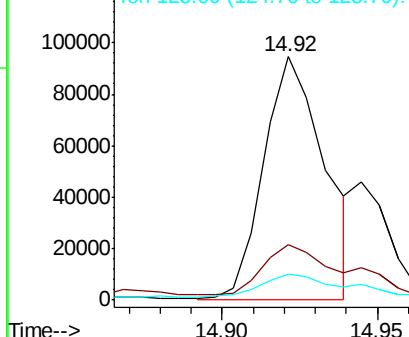
Lab File: BF119127.D

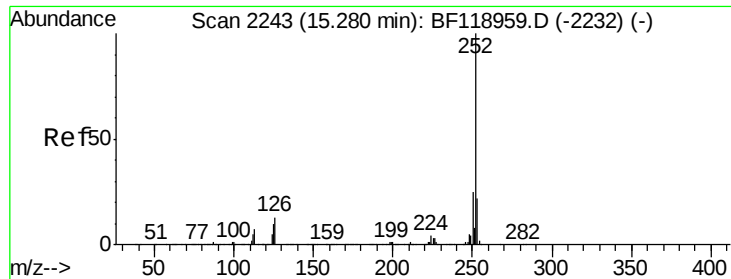
Acq: 28 Feb 2020 00:33

Tgt Ion:	252	Resp:	128949
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.1	27.1
125	10.8	7.4	11.0



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





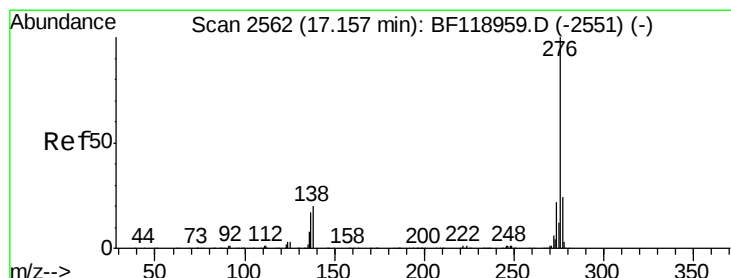
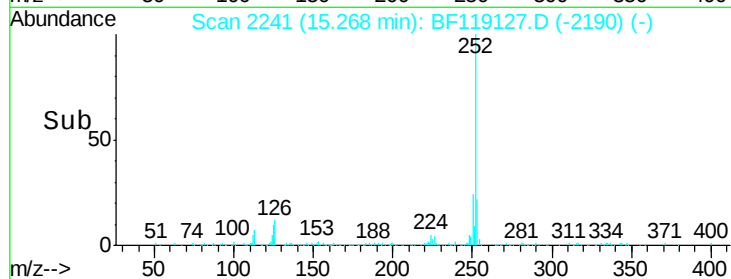
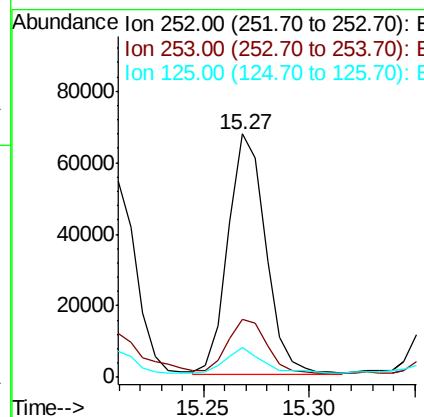
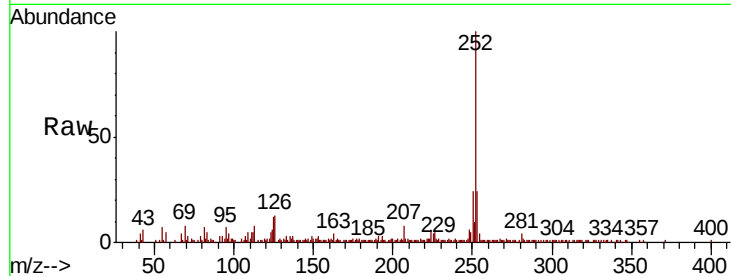
#90
Benzo(a)pyrene
Concen: 3.626 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF119127.D
Acq: 28 Feb 2020 00:33

Instrument :
BNA_F
ClientSampleId :
FK-GF-02-053-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	12.1	8.6	12.8

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#92
Benzo(g,h,i)perylene
Concen: 2.070 ng
RT: 17.16 min Scan# 2563
Delta R.T. 0.01 min
Lab File: BF119127.D
Acq: 28 Feb 2020 00:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.2	18.7	28.1#
138	18.8	14.3	21.5

