

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030920\
 Data File : BF119288.D
 Acq On : 9 Mar 2020 15:35
 Operator : CG/JU
 Sample : L1813-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 50-FAIRVIEW-AVE-SECAUCUS

Manual Integrations
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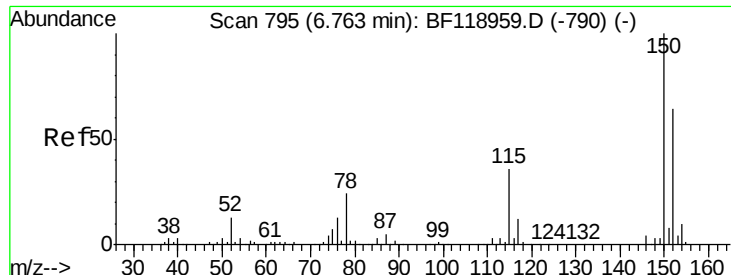
Quant Time: Mar 09 18:19:30 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 06 23:38:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	132094	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	524106	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	288765	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	520332	20.00	ng	0.00
76) Chrysene-d12	13.88	240	305221	20.00	ng	0.00
87) Perylene-d12	15.31	264	338714	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	758141	95.92	ng	0.00
7) Phenol-d6	6.38	99	951140	98.94	ng	0.00
23) Nitrobenzene-d5	7.29	82	637019	64.18	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	339066	89.76	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1176458	60.02	ng	0.00
79) Terphenyl-d14	12.82	244	1158540	65.35	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.47	163	117968	5.342	ng	99
71) Phenanthrene	11.26	178	121118	4.268	ng	97
75) Fluoranthene	12.46	202	202901	6.736	ng	98
78) Pyrene	12.68	202	209516	8.549	ng	98
81) Benzo(a)anthracene	13.87	228	68264	3.282	ng	98
83) Chrysene	13.91	228	84009	4.054	ng	97
86) Indeno(1,2,3-cd)pyrene	16.72	276	46030	2.294	ng	96
88) Benzo(b)fluoranthene	14.91	252	93997m	4.210	ng	
90) Benzo(a)pyrene	15.26	252	64595	3.206	ng	99
92) Benzo(g,h,i)perylene	17.15	276	43076	2.459	ng	99

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



#1

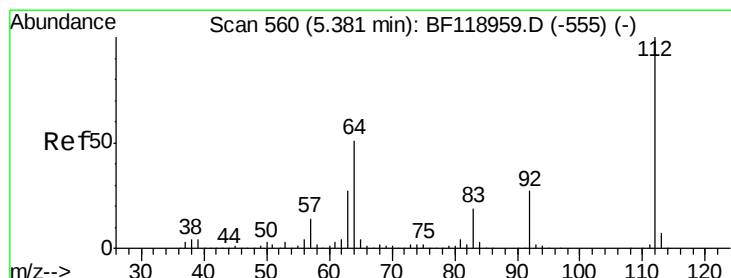
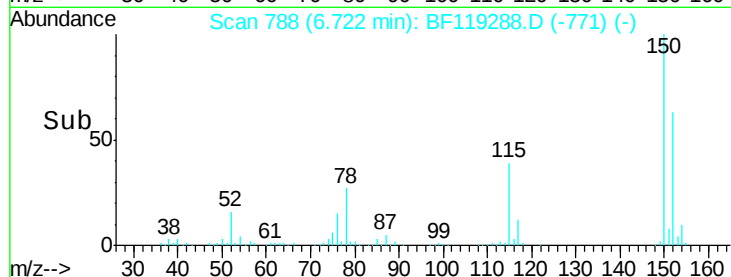
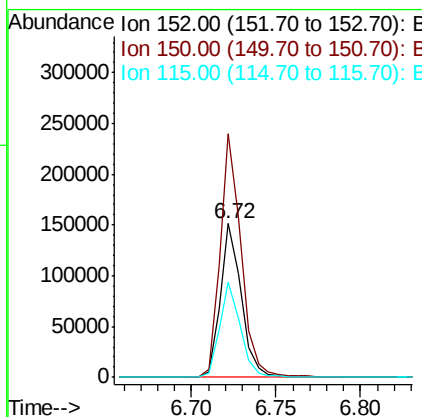
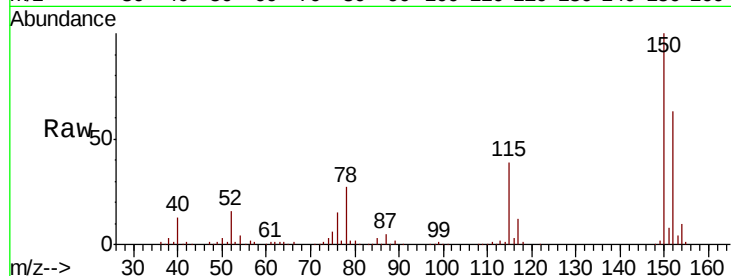
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF119288.D
Acq: 9 Mar 2020 15:35

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BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.0	184.6
115	62.1	49.5	74.3

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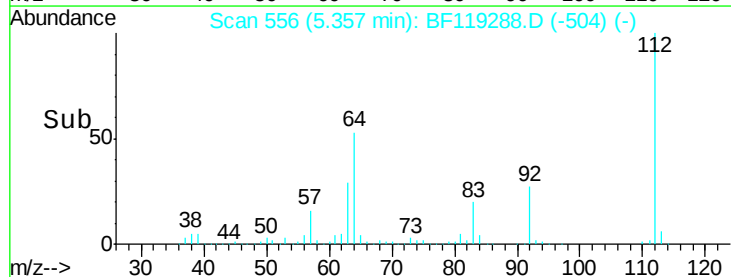
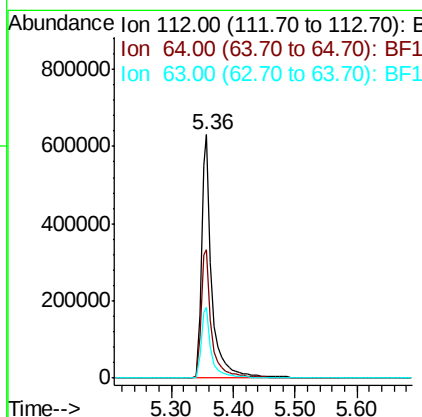
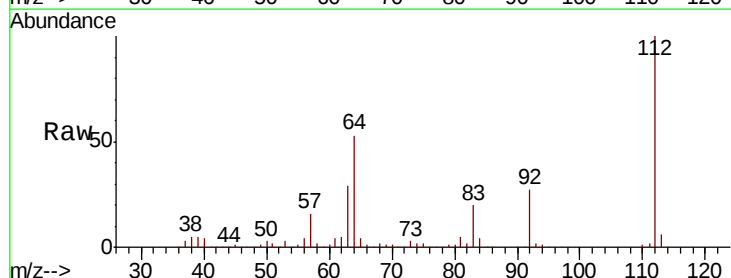
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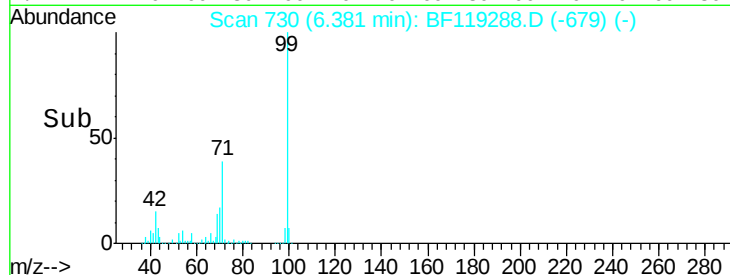
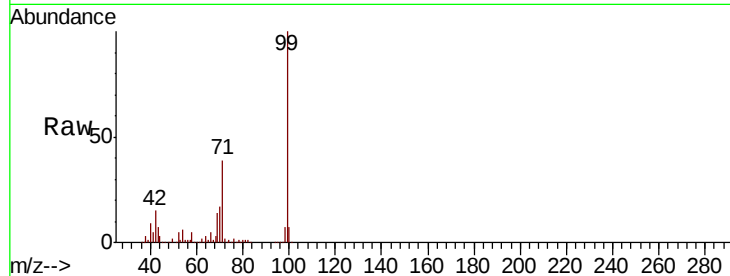


#5

2-Fluorophenol
Concen: 95.916 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF119288.D
Acq: 9 Mar 2020 15:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.8	45.0	67.4
63	28.9	24.2	36.4





#7

Phenol-d6

Concen: 98.943 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF119288.D

Acq: 9 Mar 2020 15:35

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		951140		
42	15.3	12.6	18.8		
71	39.4	31.0	46.4		

Instrument :

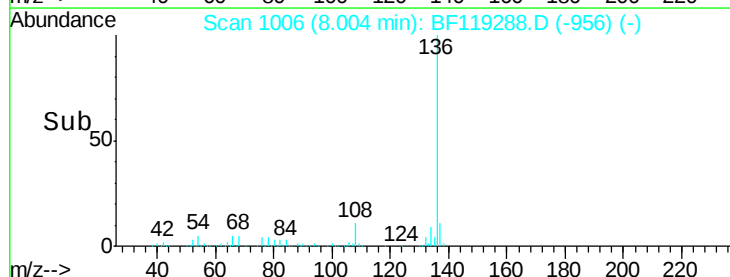
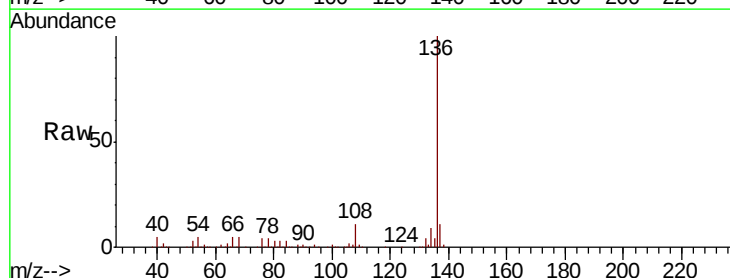
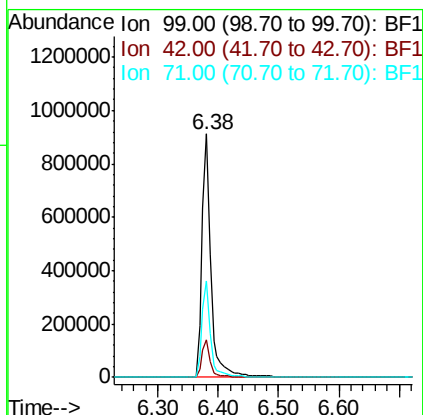
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ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

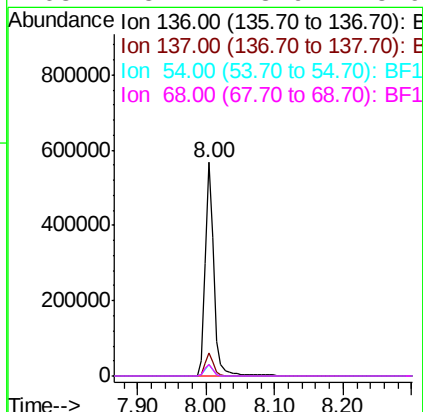
RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF119288.D

Acq: 9 Mar 2020 15:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		524106		
137	10.9	8.8	13.2		
54	5.1	3.8	5.6		
68	5.2	3.9	5.9		





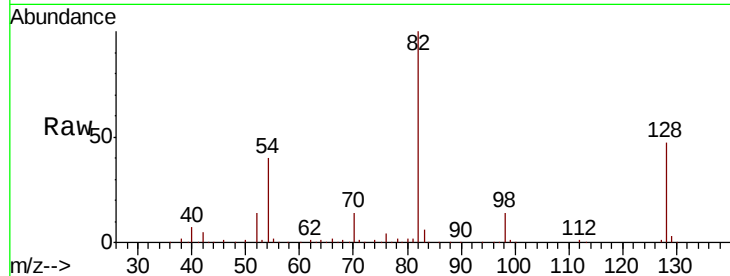
#23
 Nitrobenzene-d5
 Concen: 64.175 ng
 RT: 7.29 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BF119288.D
 Acq: 9 Mar 2020 15:35

Instrument :
 BNA_F
 ClientSampleId :
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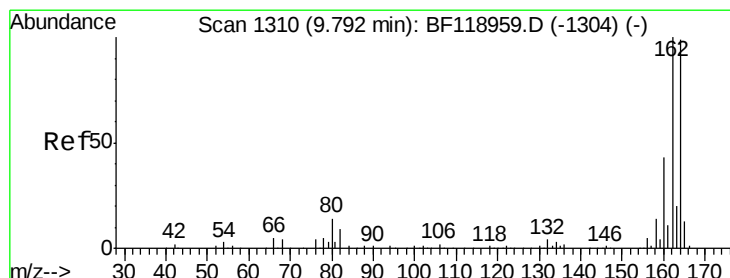
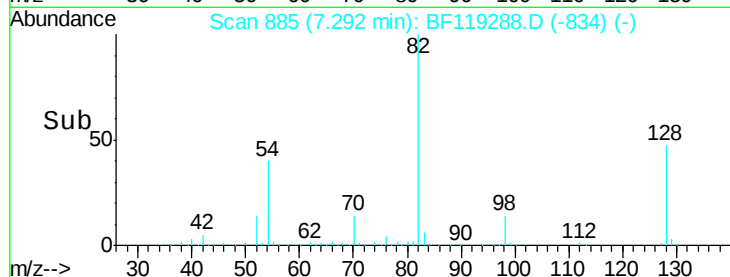
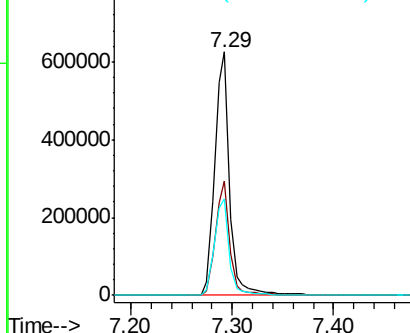
Tot Ion	82	Resp	637019
Ion Ratio	Lower	Upper	
82	100		
128	47.0	37.9	56.9
54	39.6	33.4	50.2

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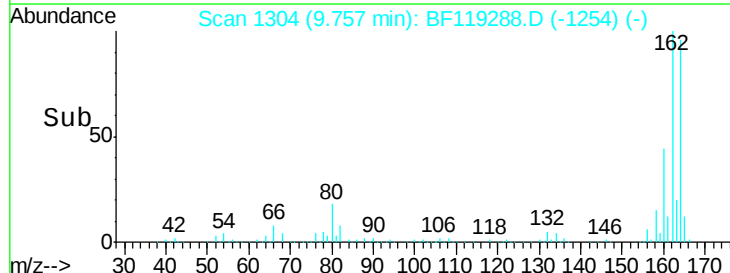
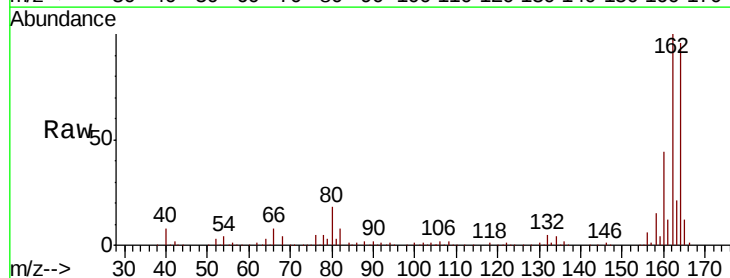
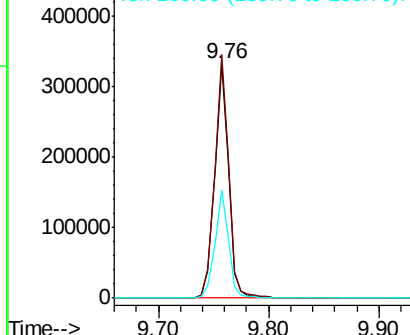
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF119288.D
 Acq: 9 Mar 2020 15:35

Tgt Ion	164	Resp	288765
Ion Ratio	Lower	Upper	
164	100		
162	104.1	81.8	122.8
160	46.0	36.0	54.0

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





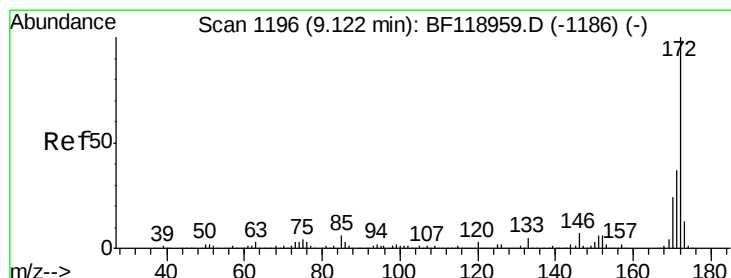
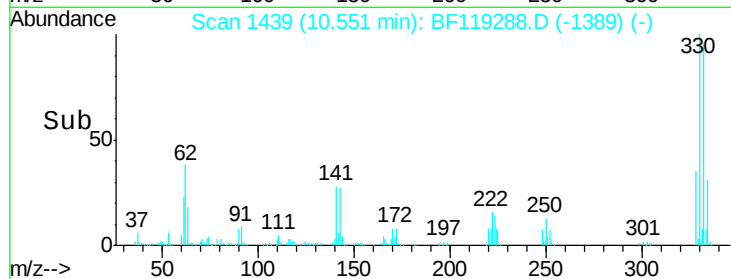
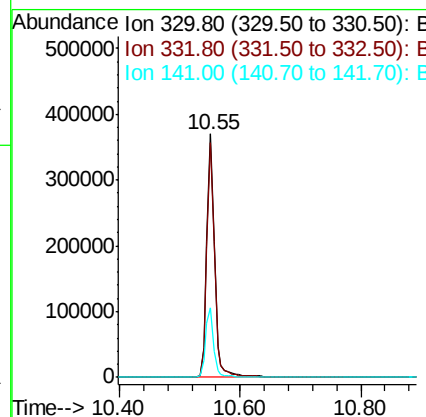
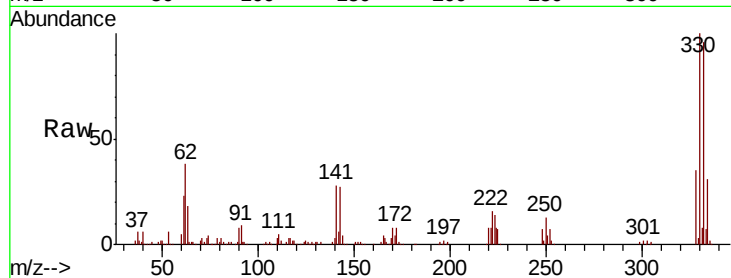
#42
 2,4,6-Tribromophenol
 Concen: 89.759 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF119288.D
 Acq: 9 Mar 2020 15:35

Instrument :
 BNA_F
 ClientSampleId :
 50-FAIRVIEW-AVE-SECAUCUS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.0	114.0
141	29.5	22.9	34.3

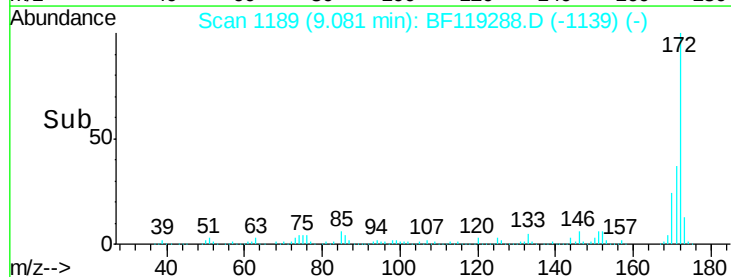
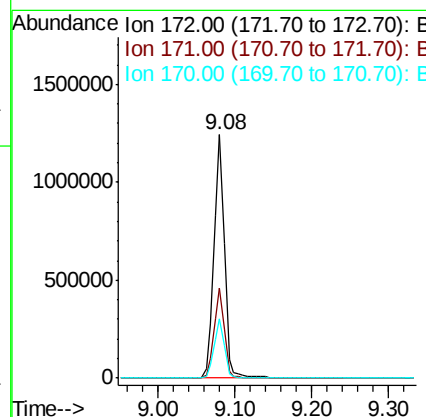
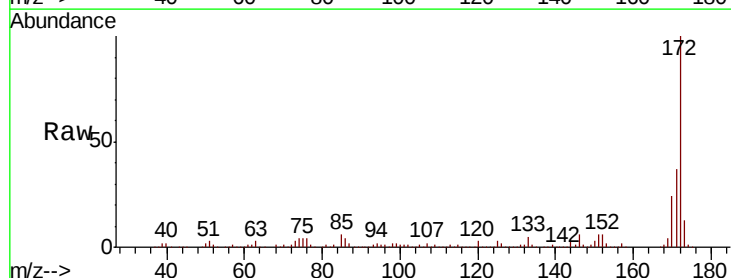
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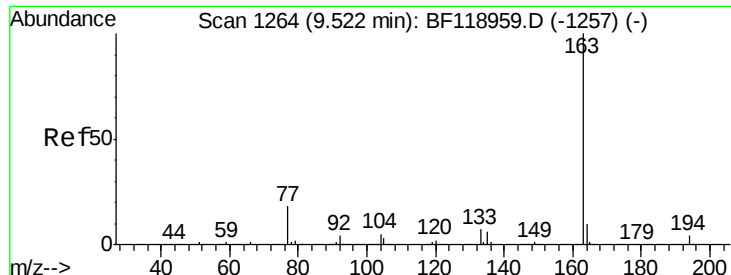
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#45
 2-Fluorobiphenyl
 Concen: 60.019 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF119288.D
 Acq: 9 Mar 2020 15:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	45.8
170	24.2	20.2	30.2





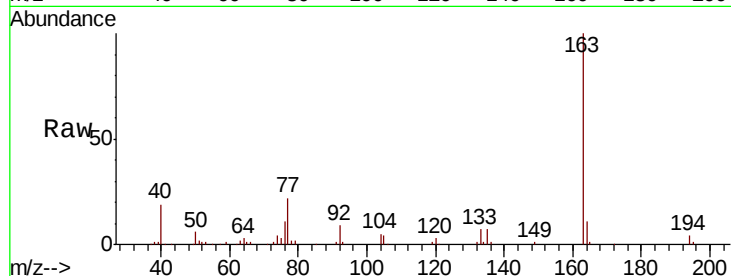
#50
Dimethylphthalate
Concen: 5.342 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF119288.D
Acq: 9 Mar 2020 15:35

Instrument :
BNA_F
ClientSampleId :
50-FAIRVIEW-AVE-SECAUCUS

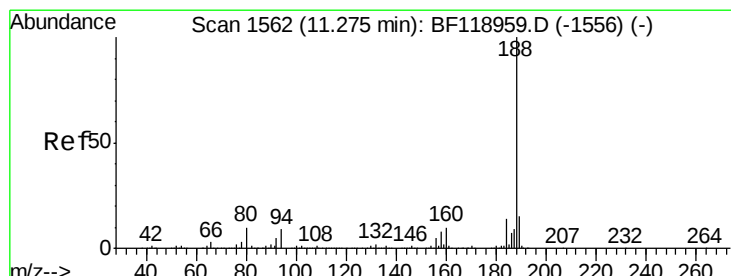
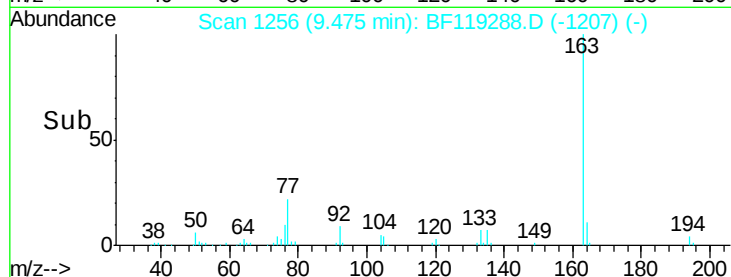
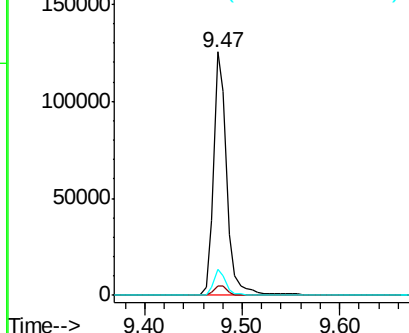
Tot Ion	Ratio	Resp	Lower	Upper
163	100	117968		
194	4.1	3.5	5.3	
164	10.9	8.4	12.6	

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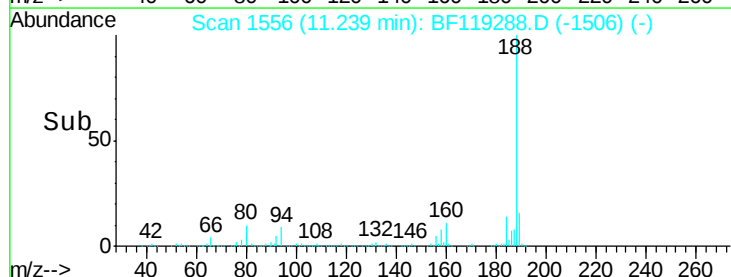
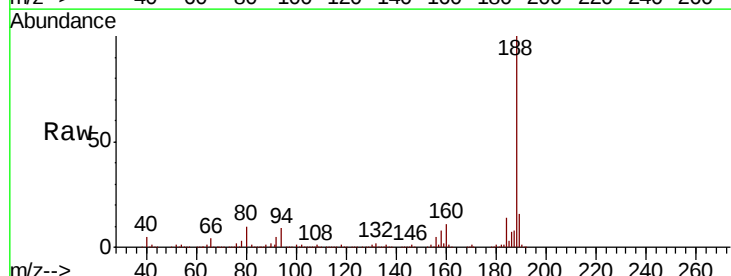
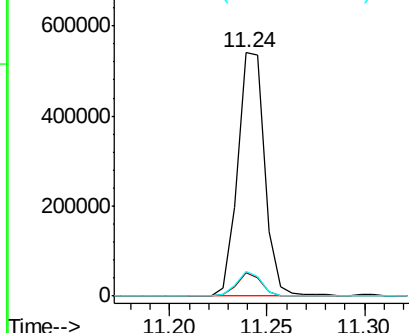
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Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

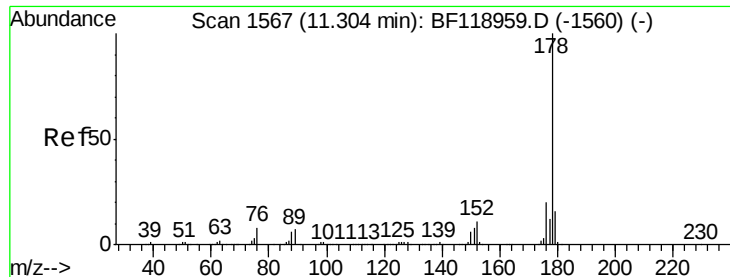


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF119288.D
Acq: 9 Mar 2020 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	520332		
94	9.4	7.1	10.7	
80	10.0	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





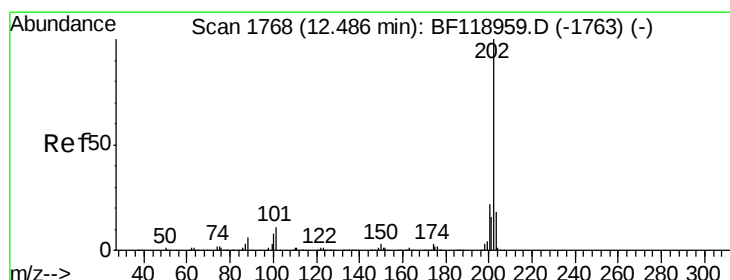
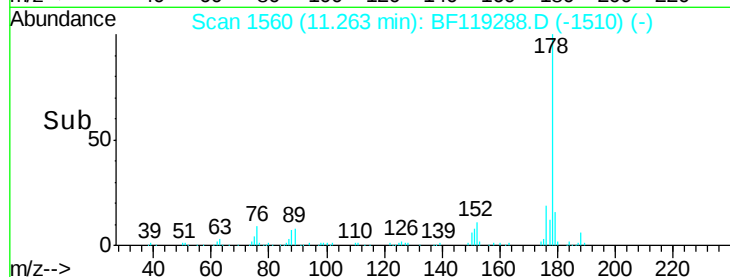
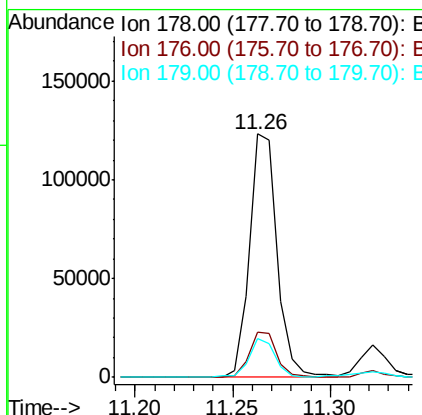
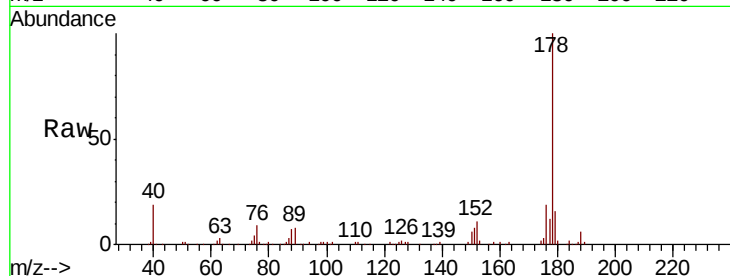
#71
Phenanthrene
Concen: 4.268 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF119288.D
Acq: 9 Mar 2020 15:35

Instrument :
BNA_F
ClientSampleId :
50-FAIRVIEW-AVE-SECAUCUS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.5	24.7
179	16.1	13.0	19.6

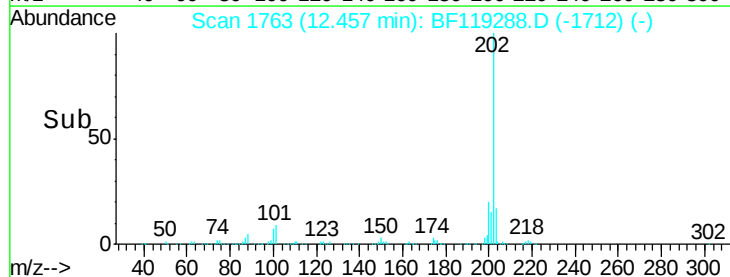
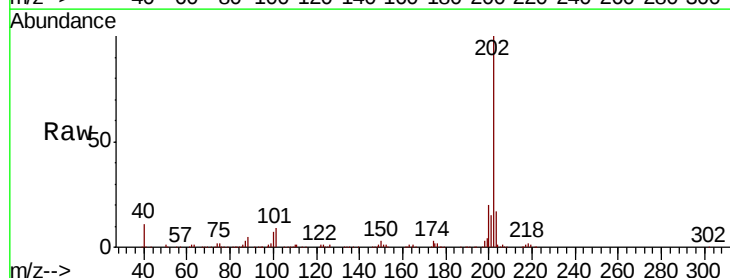
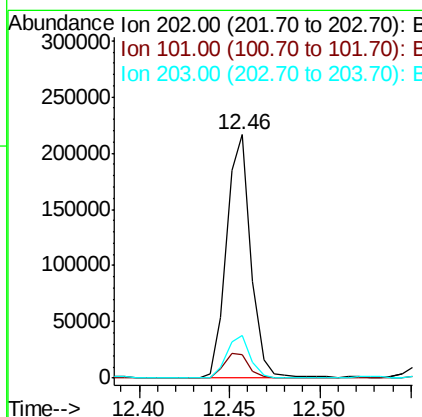
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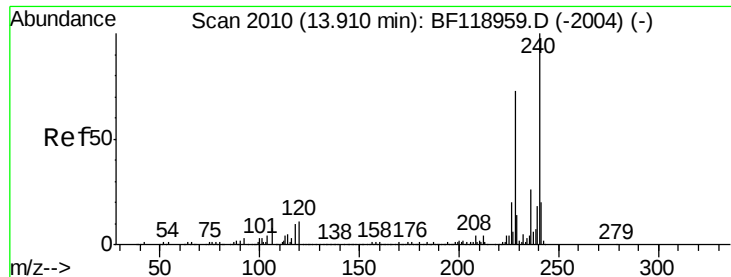
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#75
Fluoranthene
Concen: 6.736 ng
RT: 12.46 min Scan# 1763
Delta R.T. 0.00 min
Lab File: BF119288.D
Acq: 9 Mar 2020 15:35

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.3
203	17.3	0.0	38.4





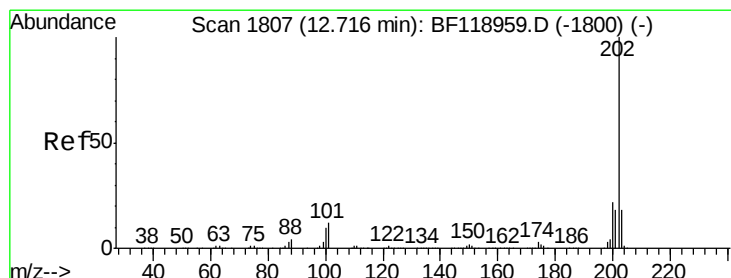
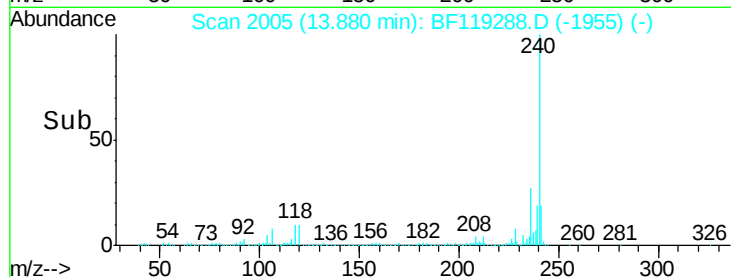
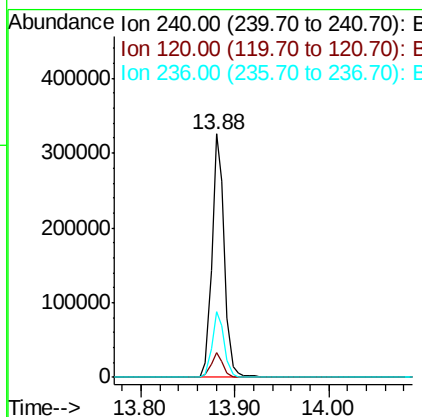
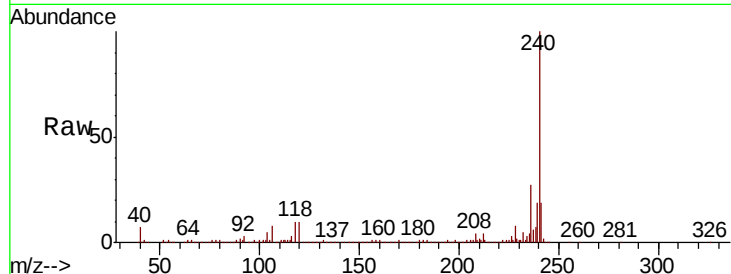
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF119288.D
Acq: 9 Mar 2020 15:35

Instrument :
BNA_F
ClientSampleId :
50-FAIRVIEW-AVE-SECAUCUS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.4	12.6
236	26.9	21.0	31.4

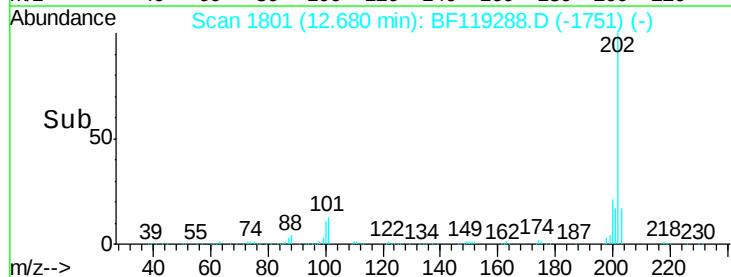
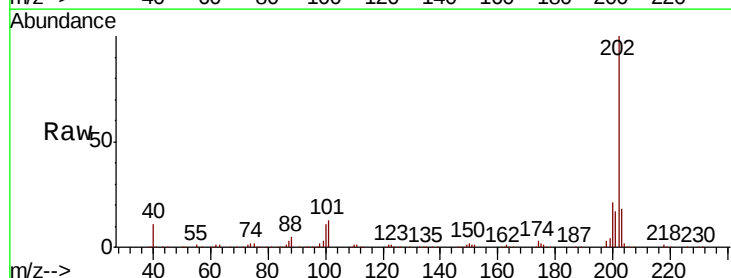
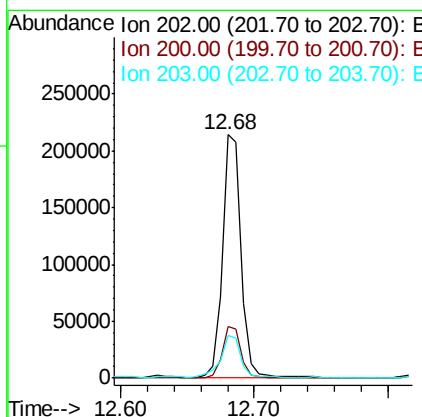
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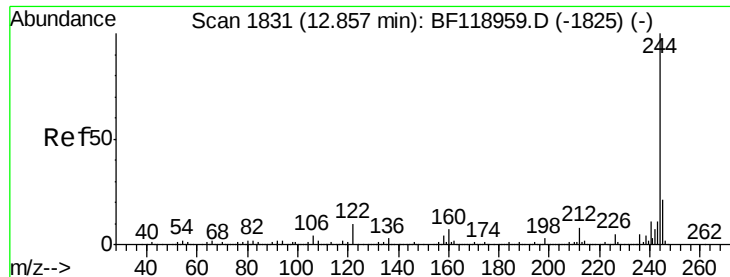
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#78
Pyrene
Concen: 8.549 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF119288.D
Acq: 9 Mar 2020 15:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	18.0	27.0
203	17.7	14.6	22.0





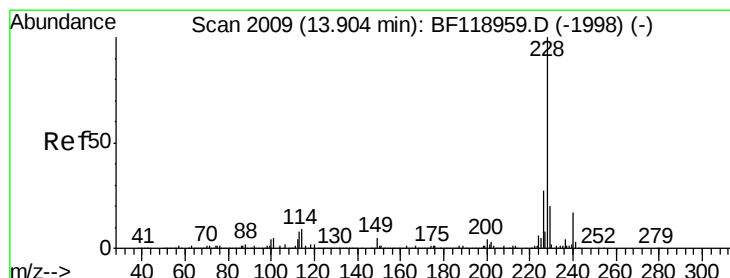
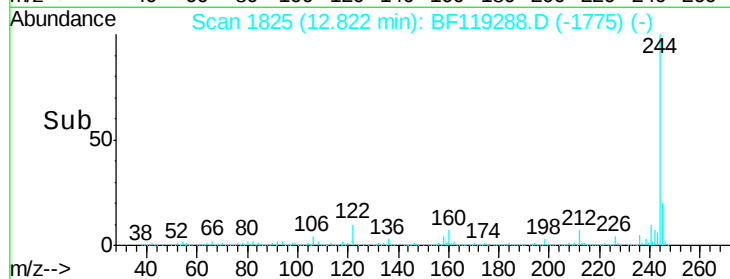
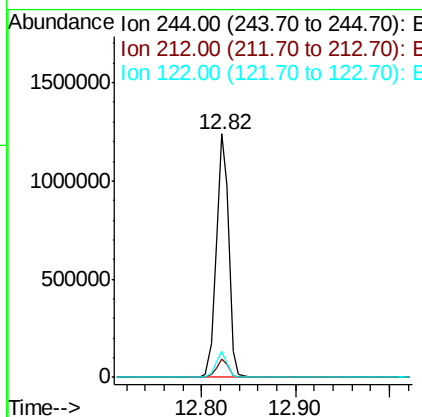
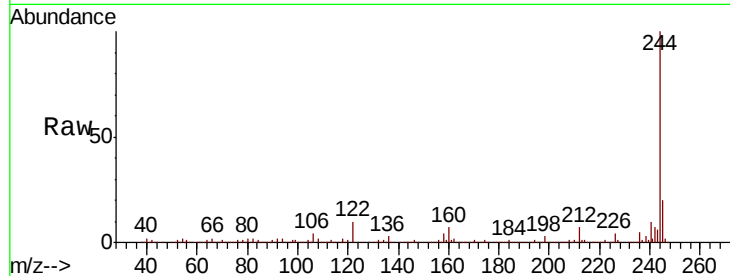
#79
 Terphenyl-d14
 Concen: 65.350 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF119288.D
 Acq: 9 Mar 2020 15:35

Instrument :
 BNA_F
 ClientSampleId :
 50-FAIRVIEW-AVE-SECAUCUS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.6	10.0
122	10.5	8.2	12.2

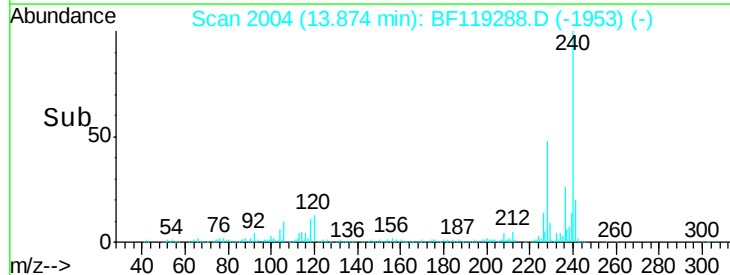
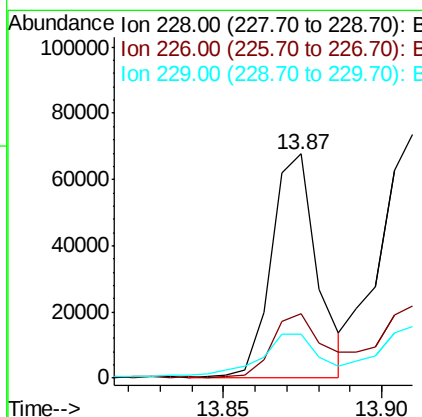
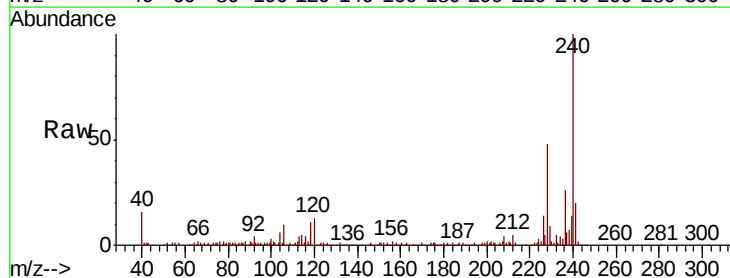
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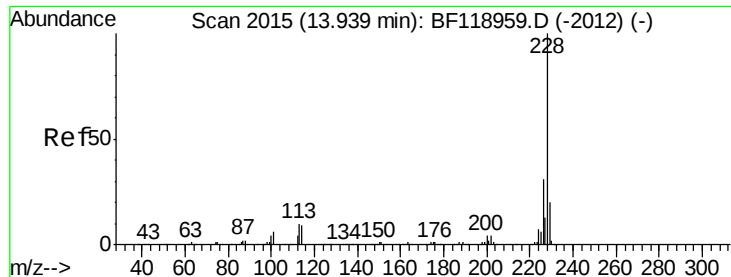
mohammad
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#81
 Benzo(a)anthracene
 Concen: 3.282 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF119288.D
 Acq: 9 Mar 2020 15:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	19.4	16.6	24.8





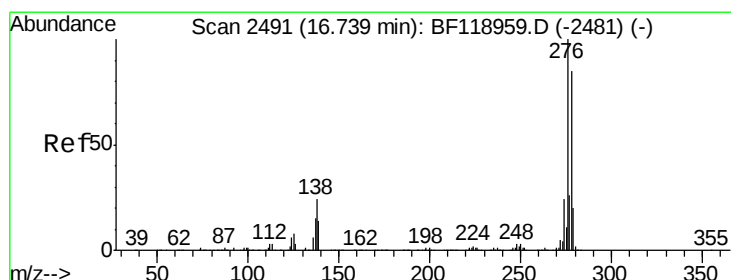
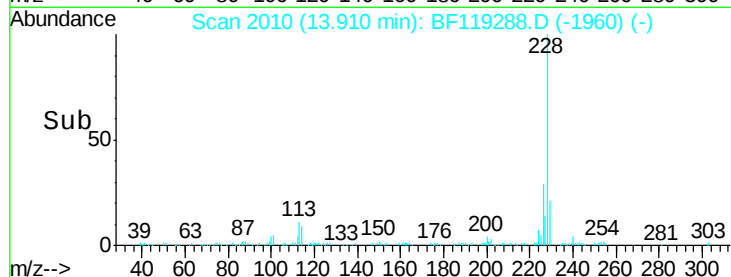
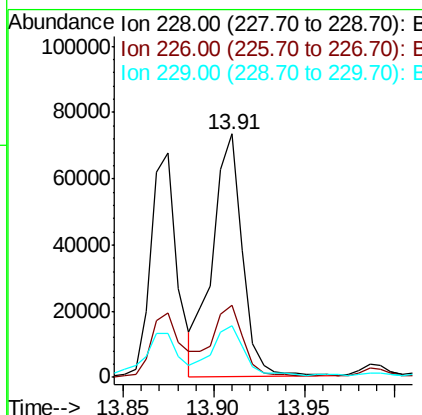
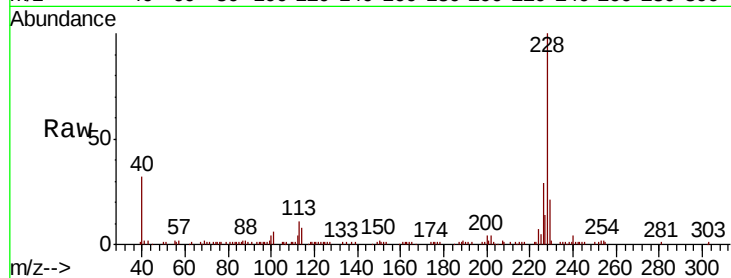
#83
Chrysene
Concen: 4.054 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF119288.D
Acq: 9 Mar 2020 15:35

Instrument :
BNA_F
ClientSampleId :
50-FAIRVIEW-AVE-SECAUCUS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.1	37.7
229	21.4	16.3	24.5

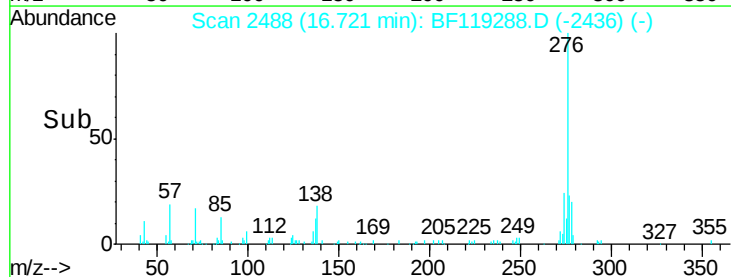
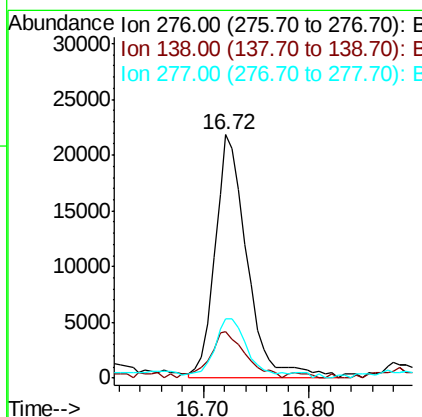
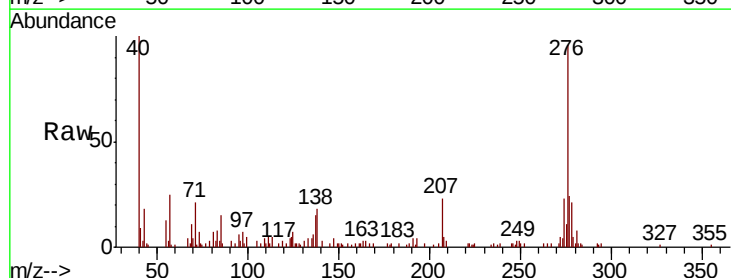
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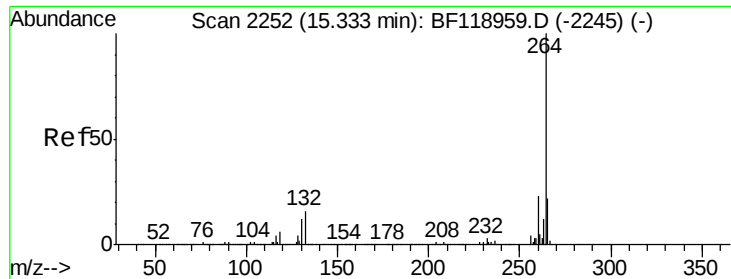
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.294 ng
RT: 16.72 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF119288.D
Acq: 9 Mar 2020 15:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.4	26.0
277	21.8	20.3	30.5





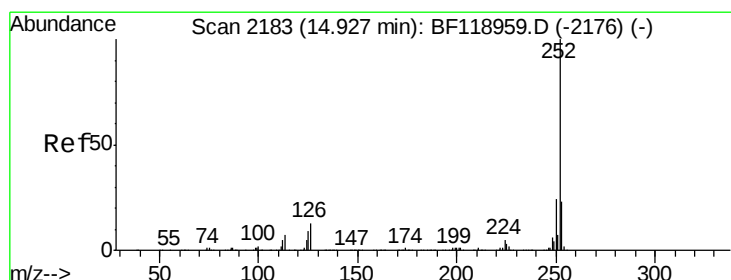
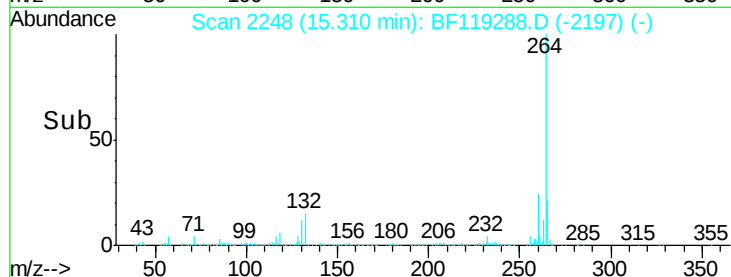
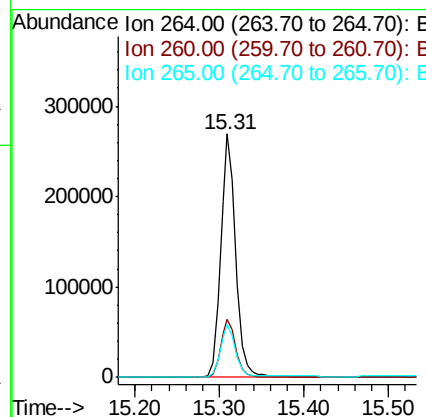
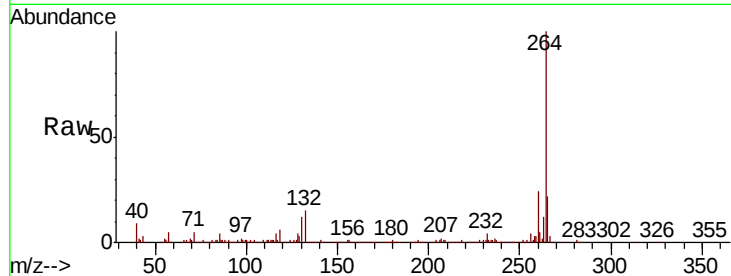
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF119288.D
Acq: 9 Mar 2020 15:35

Instrument :
BNA_F
ClientSampleId :
50-FAIRVIEW-AVE-SECAUCUS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.6	17.7	26.5

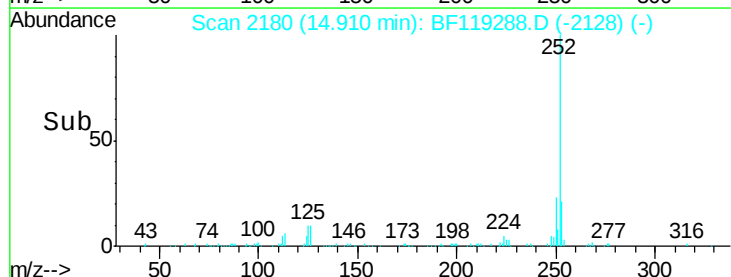
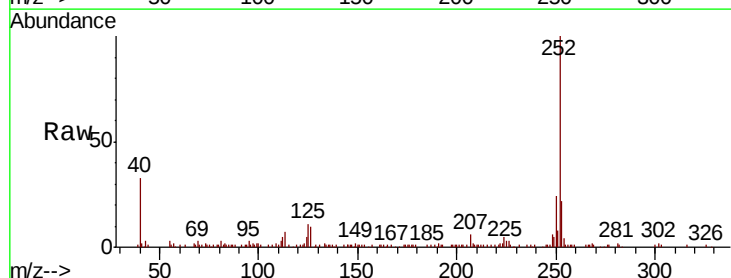
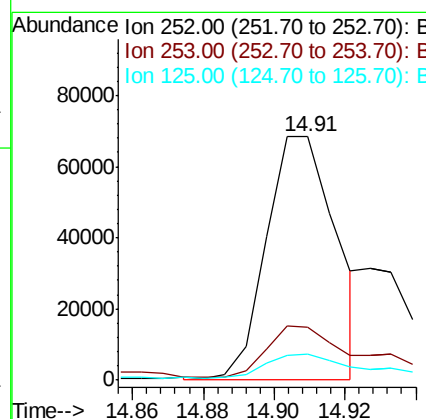
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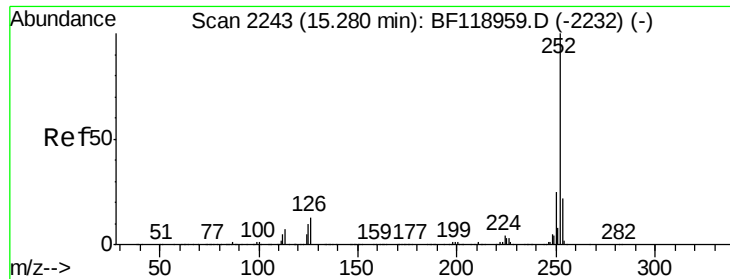
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#88
Benzo(b)fluoranthene
Concen: 4.210 ng m
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119288.D
Acq: 9 Mar 2020 15:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	10.5	7.4	11.0





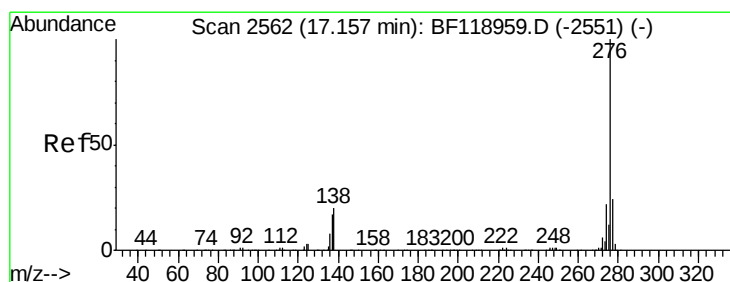
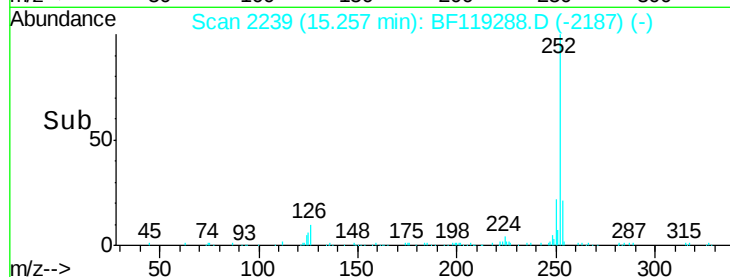
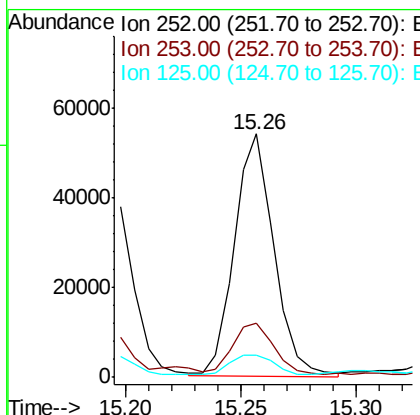
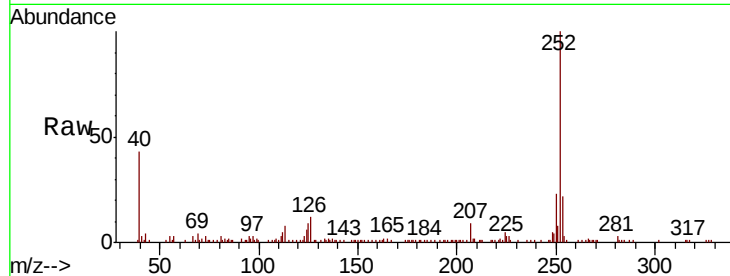
#90
Benzo(a)pyrene
Concen: 3.206 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF119288.D
Acq: 9 Mar 2020 15:35

Instrument :
BNA_F
ClientSampleId :
50-FAIRVIEW-AVE-SECAUCUS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	9.1	8.6	12.8

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 2.459 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.01 min
Lab File: BF119288.D
Acq: 9 Mar 2020 15:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.7	28.1
138	17.5	14.3	21.5

