

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
 Data File : BF116387.D
 Acq On : 19 Aug 2019 14:03
 Operator : HP/JU
 Sample : K4223-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Manual Integrations
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 8/22/2019 12:45:13 PM

Quant Time: Aug 19 16:35:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	126184	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	485620	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	245405	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	365149	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	223934	20.00	ng	-0.02
87) Perylene-d12	15.42	264	244697	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	671829	89.13	ng	0.00
7) Phenol-d6	6.45	99	868741	91.35	ng	-0.01
23) Nitrobenzene-d5	7.37	82	549326	65.30	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	182002	76.49	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	821448	62.70	ng	-0.01
79) Terphenyl-d14	12.90	244	604228	56.86	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.55	163	213258	12.763	ng	99
71) Phenanthrene	11.35	178	62786	3.363	ng	99
75) Fluoranthene	12.54	202	142288	7.281	ng	98
78) Pyrene	12.77	202	116261	6.887	ng	98
81) Benzo(a)anthracene	13.96	228	62450	4.363	ng	98
83) Chrysene	13.99	228	60505	4.354	ng	99
86) Indeno(1,2,3-cd)pyrene	16.92	276	34244	2.934	ng	# 90
88) Benzo(b)fluoranthene	15.01	252	78625m	5.557	ng	
89) Benzo(k)fluoranthene	15.04	252	30915m	2.243	ng	
90) Benzo(a)pyrene	15.37	252	53329	4.216	ng	# 96
92) Benzo(g,h,i)perylene	17.37	276	30625	2.848	ng	# 81

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

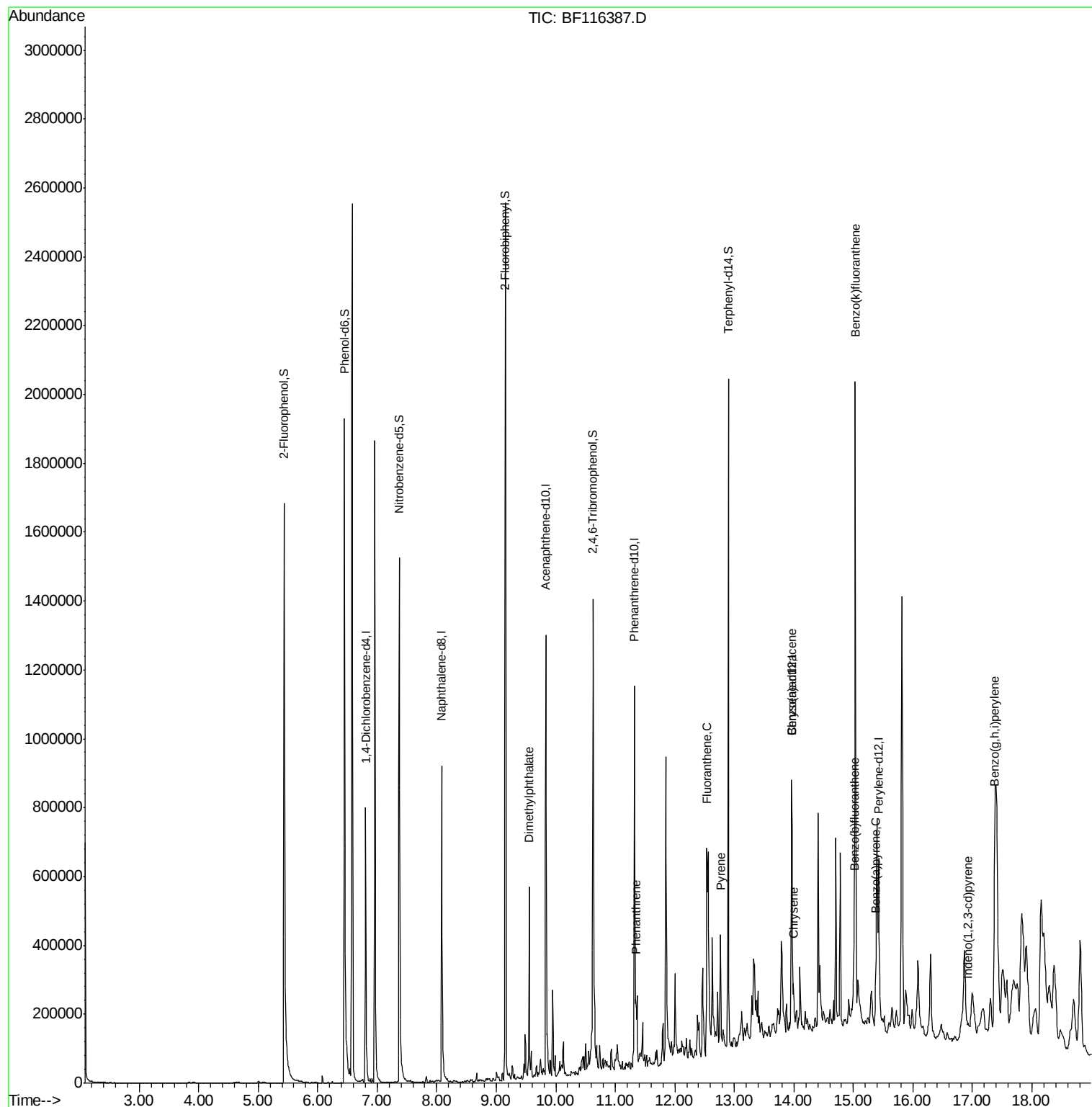
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081919\
Data File : BF116387.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

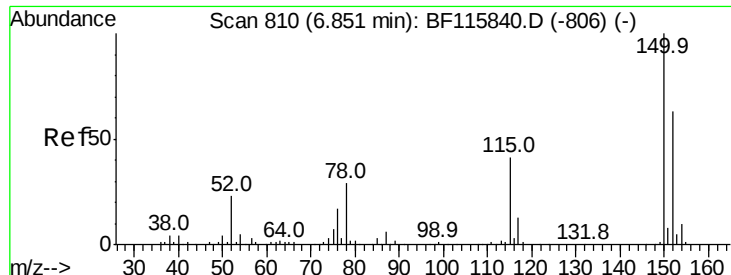
Instrument :
BNA_F
ClientSampled :
SP-4

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Quant Time: Aug 19 16:35:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:03:31 2019
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#1

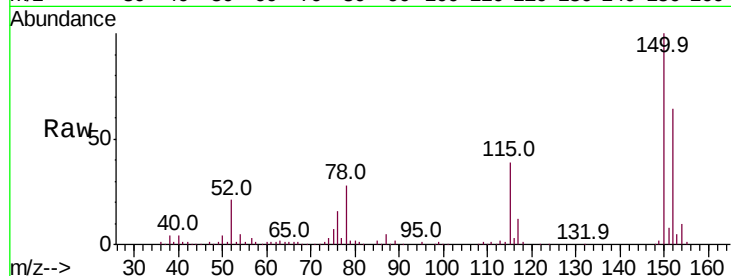
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116387.D
Acq: 19 Aug 2019 14:03

Instrument :
BNA_F
ClientSampled :
SP-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	126.2	189.2
115	61.4	49.9	74.9

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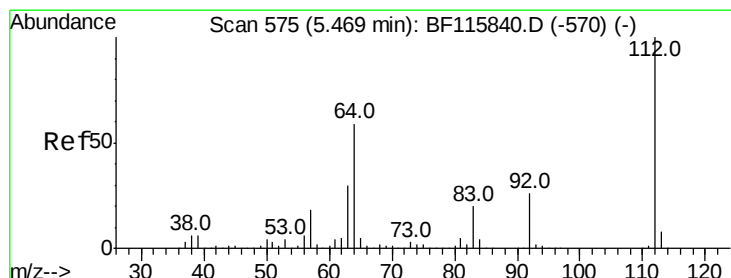
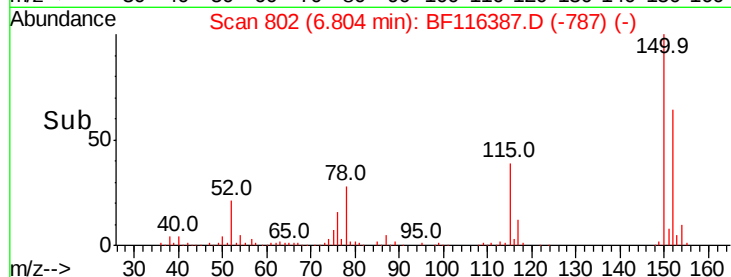
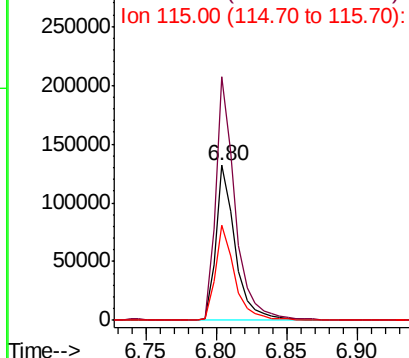


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

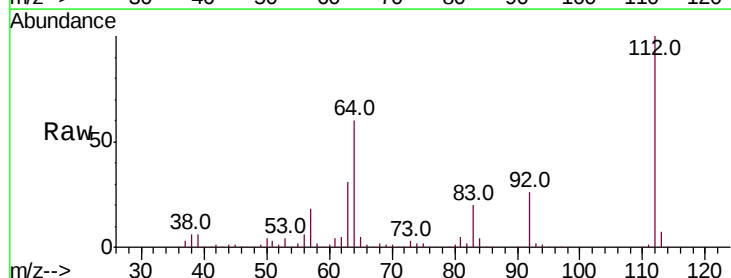
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 89.130 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF116387.D
Acq: 19 Aug 2019 14:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	45.4	68.2
63	31.3	23.7	35.5

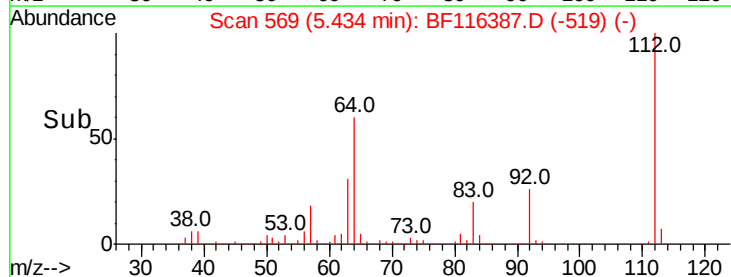
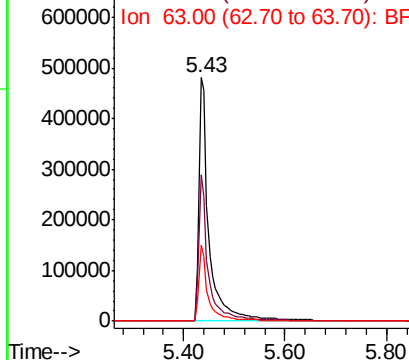


Abundance

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: 91.350 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116387.D

Acq: 19 Aug 2019 14:03

Instrument :

BNA_F

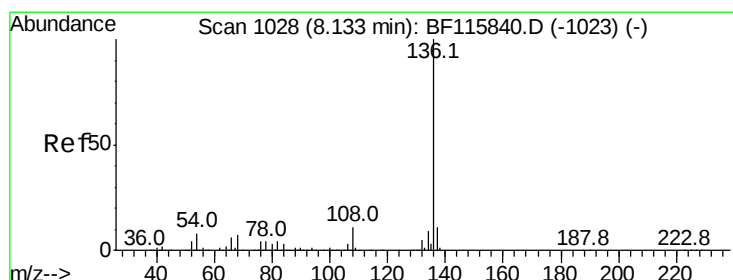
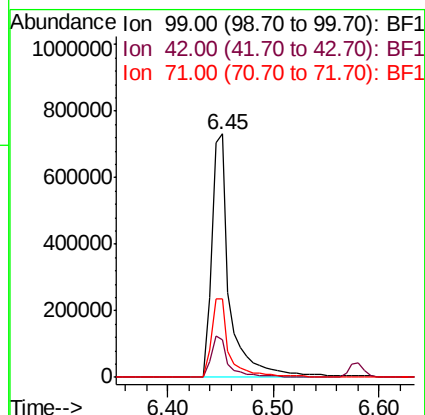
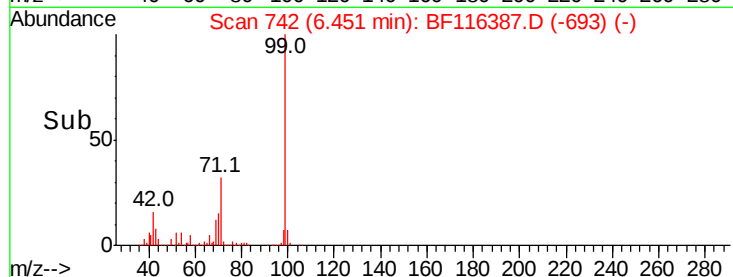
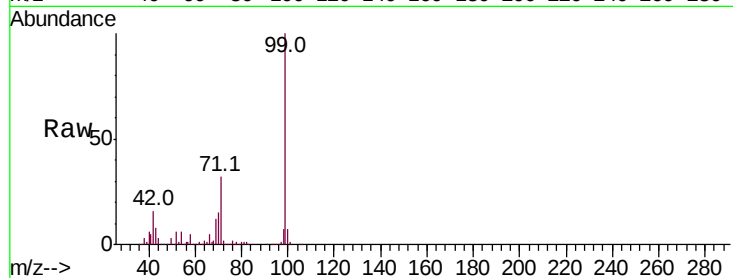
ClientSampleId :

SP-4

Tot Ion:	99	Resp:	868741
Ion Ratio	Lower	Upper	
99	100		
42	15.6	13.8	20.8
71	32.0	27.3	40.9

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#21

Naphthalene-d8

Concen: 20.000 ng

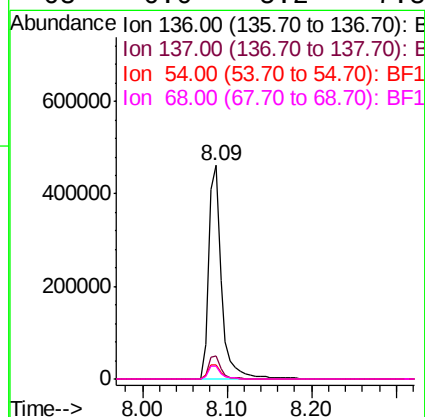
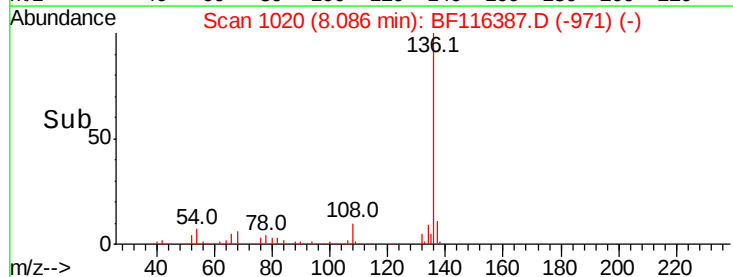
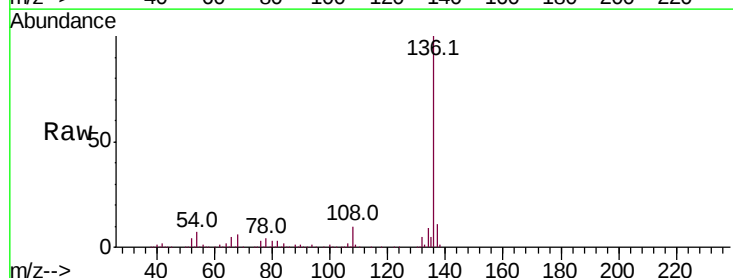
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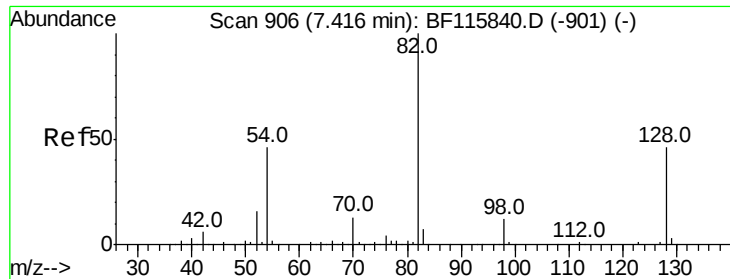
Delta R.T. -0.01 min

Lab File: BF116387.D

Acq: 19 Aug 2019 14:03

Tgt Ion:	136	Resp:	485620
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.4
54	6.6	5.8	8.6
68	6.0	5.2	7.8





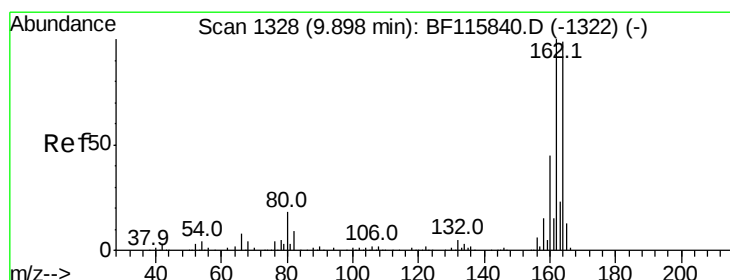
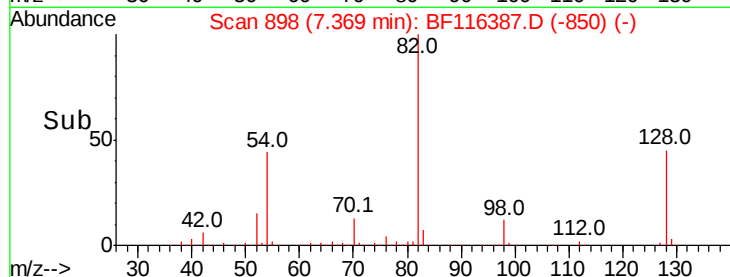
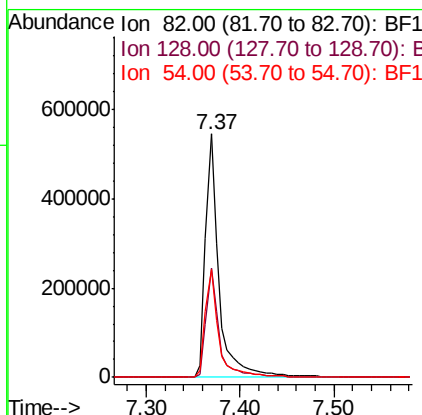
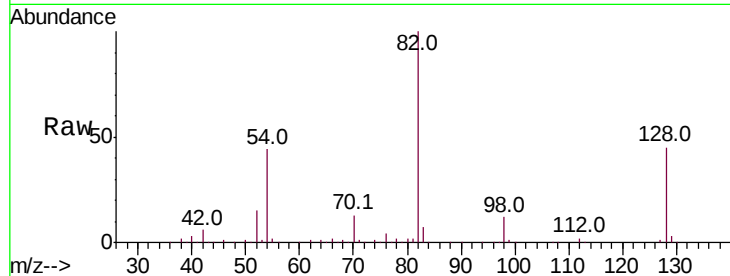
#23
 Nitrobenzene-d5
 Concen: 65.295 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BF116387.D
 Acq: 19 Aug 2019 14:03

Instrument :
 BNA_F
 ClientSampled :
 SP-4

Tot Ion	Ratio	Resp	Lower	Upper
82	100	549326		
128	44.8		36.5	54.7
54	44.2		36.0	54.0

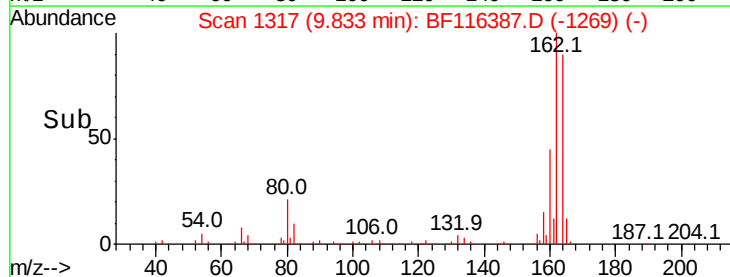
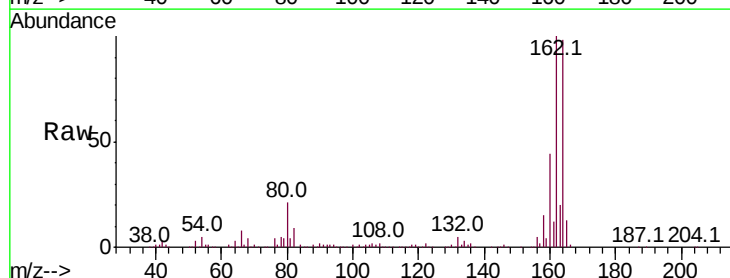
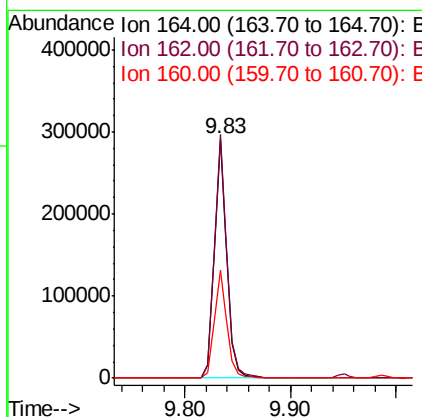
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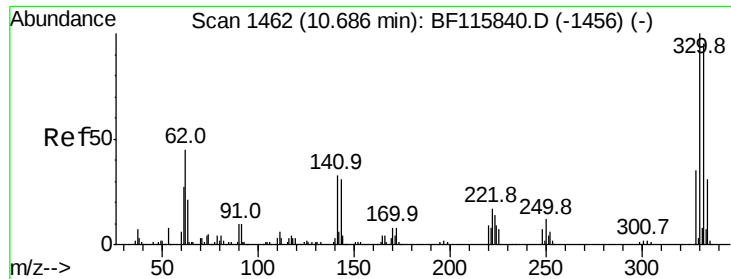
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF116387.D
 Acq: 19 Aug 2019 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	245405		
162	101.8		82.6	124.0
160	45.2		37.6	56.4





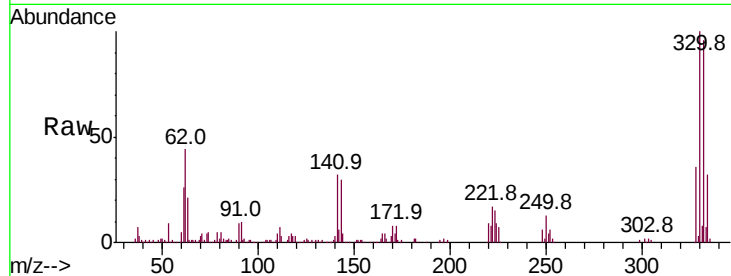
#42
 2,4,6-Tribromophenol
 Concen: 76.495 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116387.D
 Acq: 19 Aug 2019 14:03

Instrument :
 BNA_F
 ClientSampled :
 SP-4

Tot Ion	Ratio	Resp	Lower	Upper
330	100	182002		
332	96.4	76.8	115.2	
141	35.4	26.3	39.5	

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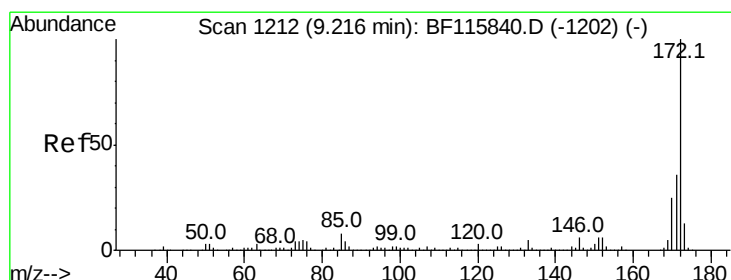
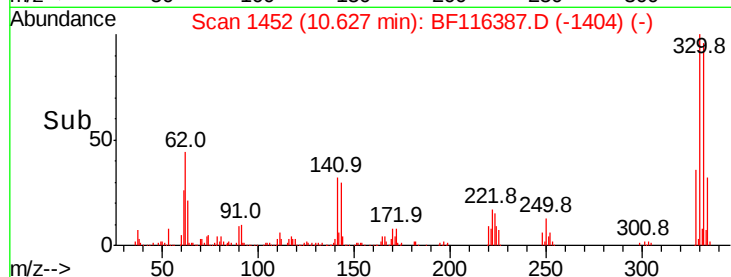
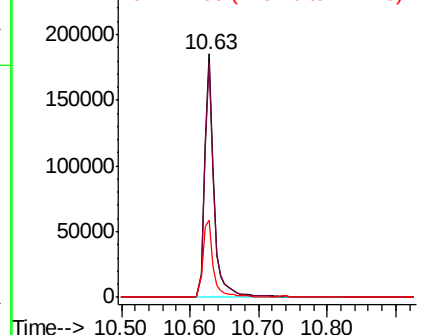


Abundance

Ion 329.80 (329.50 to 330.50): E

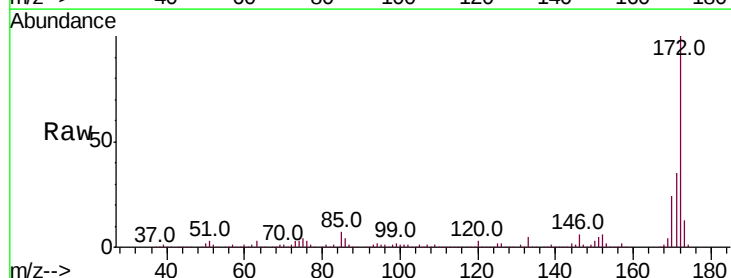
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 62.698 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116387.D
 Acq: 19 Aug 2019 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	821448		
171	34.9	29.6	44.4	
170	23.7	20.1	30.1	

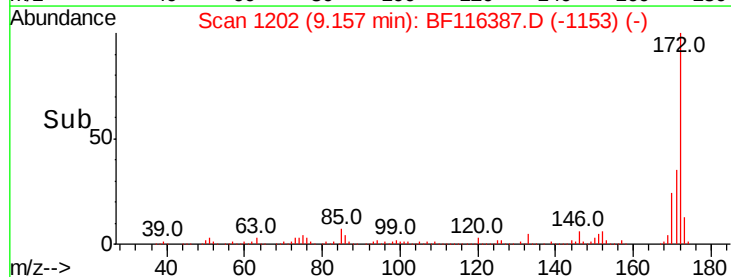
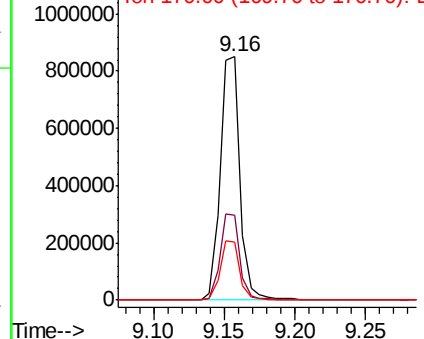


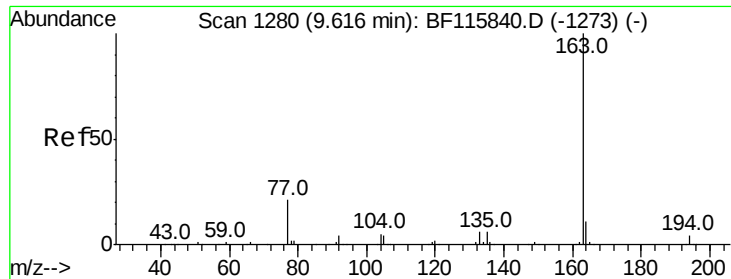
Abundance

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





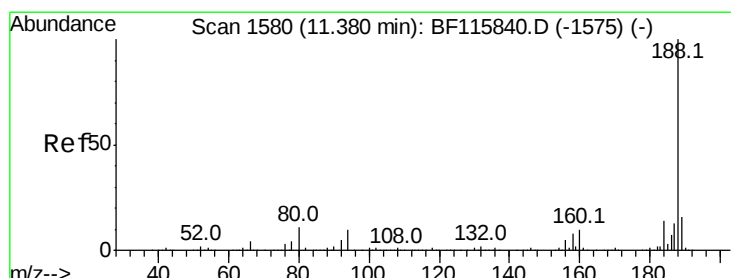
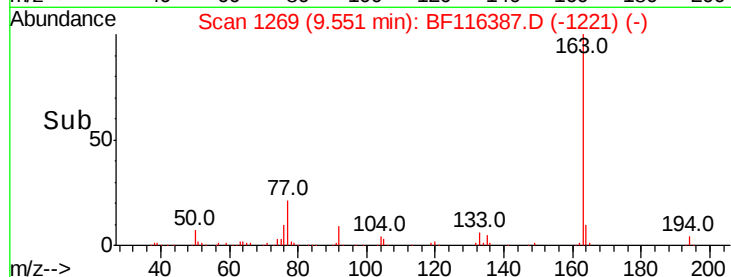
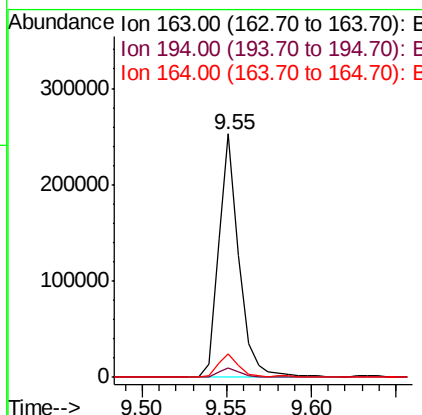
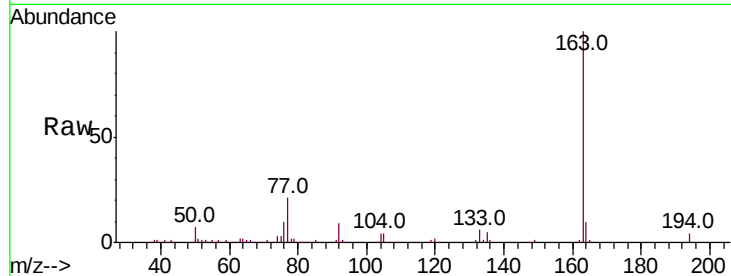
#50
Dimethylphthalate
Concen: 12.763 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF116387.D
Acq: 19 Aug 2019 14:03

Instrument :
BNA_F
ClientSampleId :
SP-4

Tot Ion	Ratio	Resp	Lower	Upper
163	100	213258		
194	3.9		3.0	4.6
164	9.9		8.4	12.6

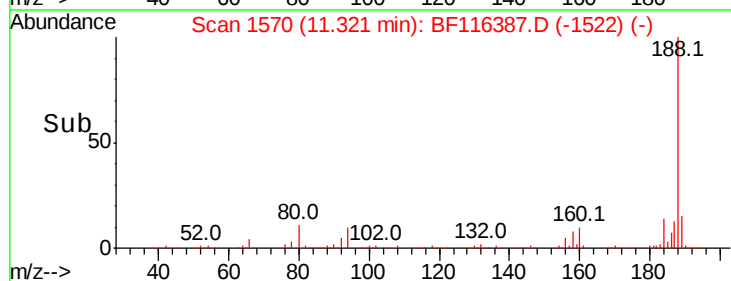
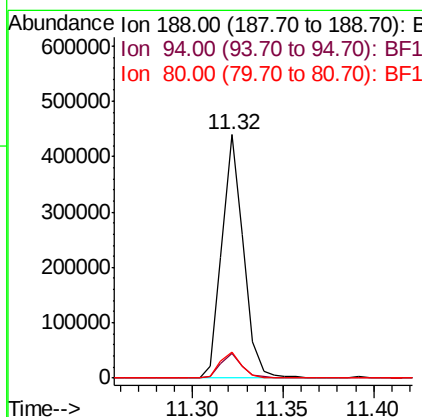
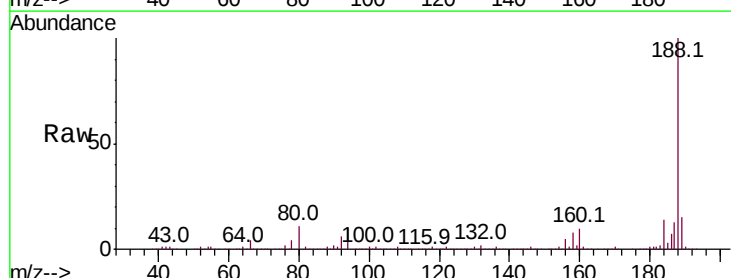
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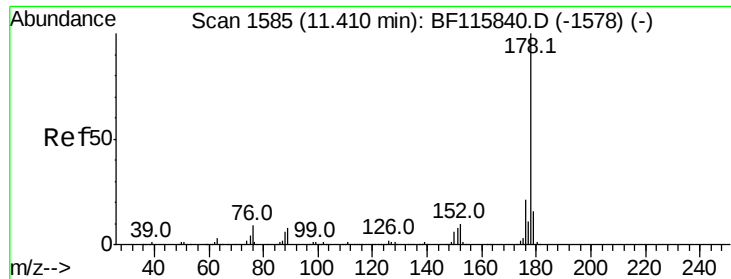
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF116387.D
Acq: 19 Aug 2019 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	365149		
94	10.3		8.1	12.1
80	10.7		8.7	13.1





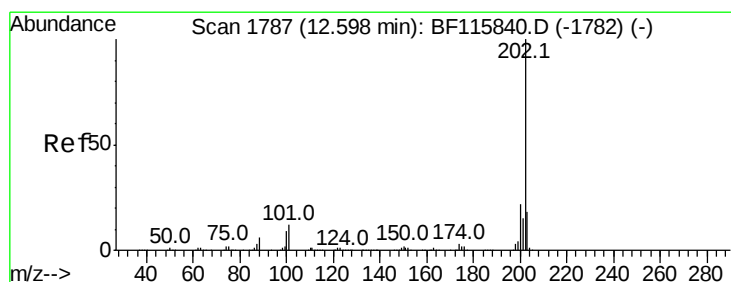
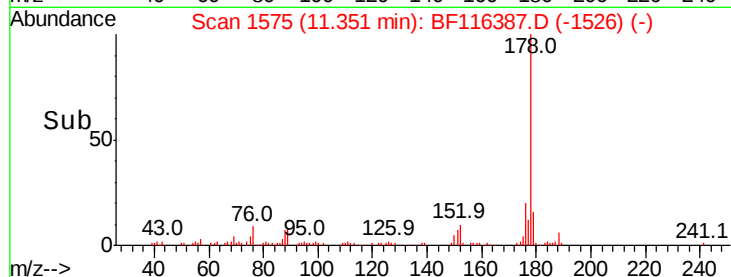
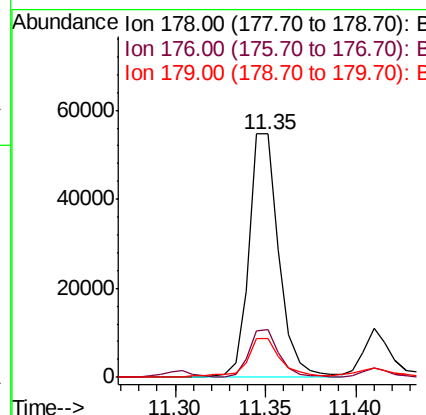
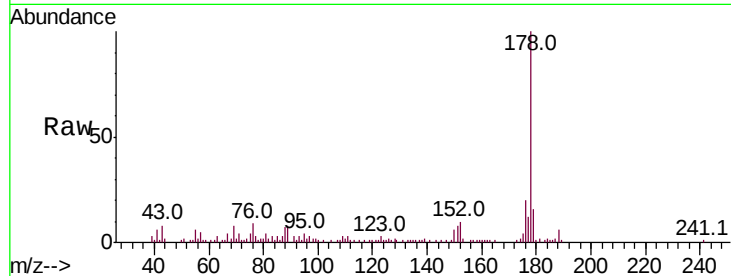
#71
Phenanthrene
Concen: 3.363 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF116387.D
Acq: 19 Aug 2019 14:03

Instrument :
BNA_F
ClientSampleId :
SP-4

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	24.8
179	15.8	12.5	18.7

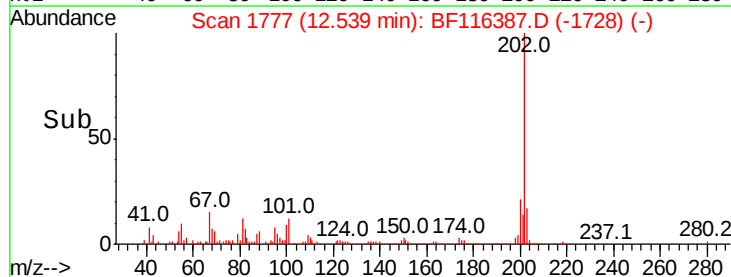
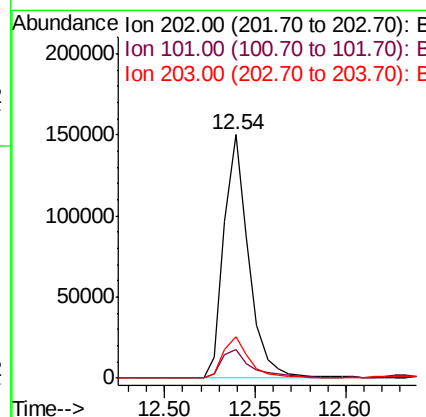
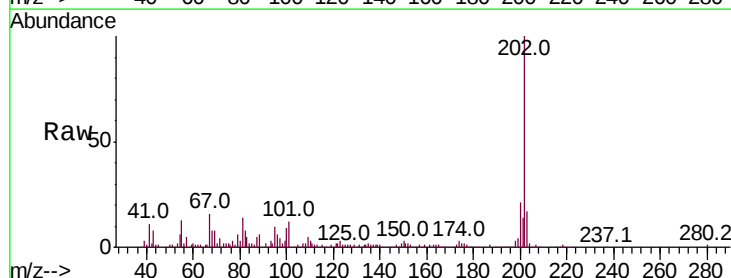
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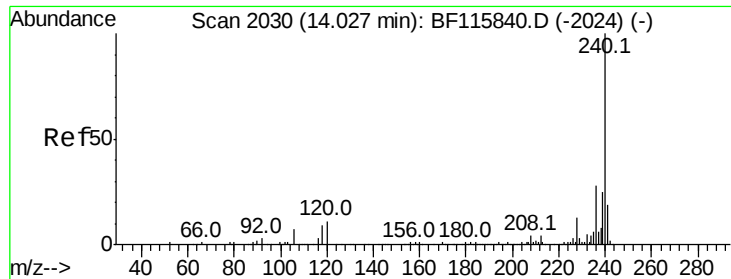
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#75
Fluoranthene
Concen: 7.281 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BF116387.D
Acq: 19 Aug 2019 14:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.2
203	16.8	0.0	37.8





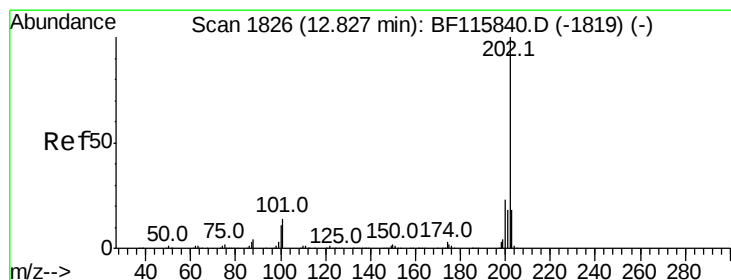
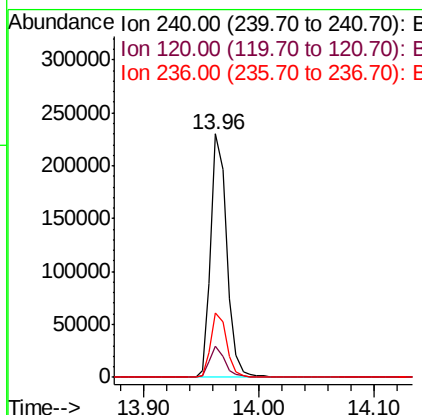
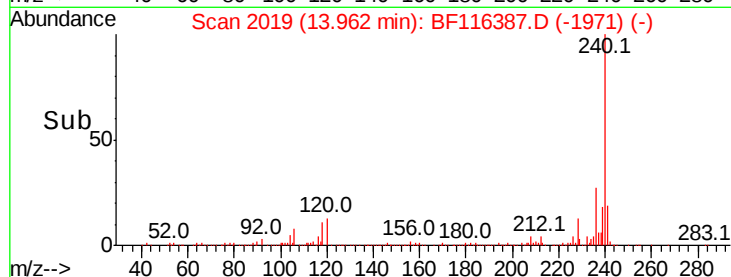
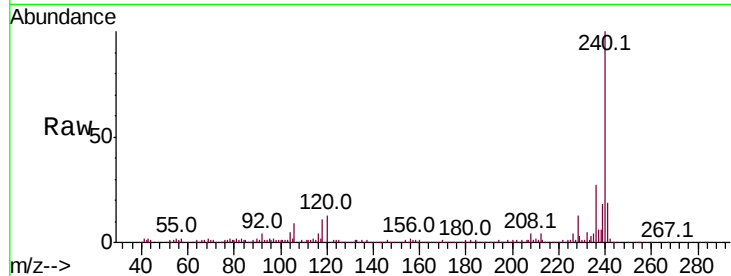
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF116387.D
 Acq: 19 Aug 2019 14:03

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Tot Ion	Ratio	Resp	Lower	Upper
240	100	223934		
120	13.0	10.7	16.1	
236	26.6	22.2	33.2	

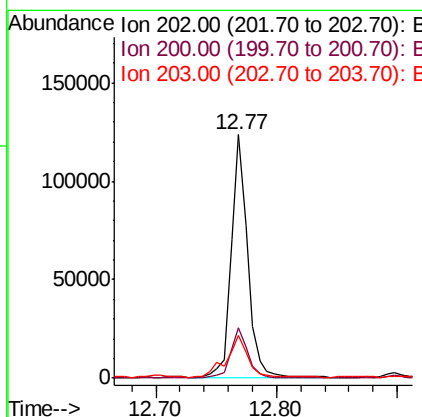
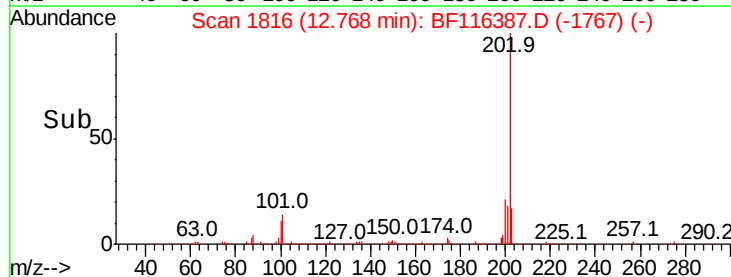
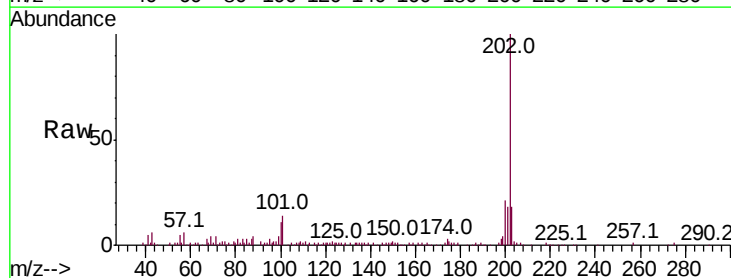
Manual Integrations
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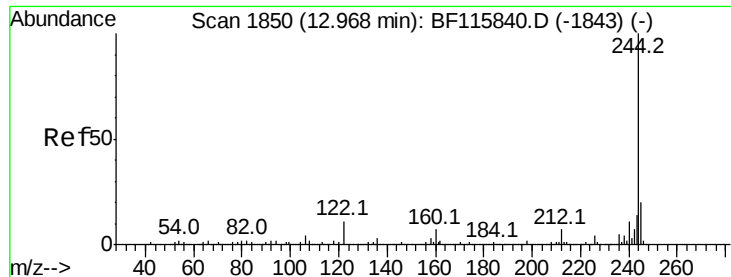
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#78
 Pyrene
 Concen: 6.887 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF116387.D
 Acq: 19 Aug 2019 14:03

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	116261		
200	20.8	18.0	27.0	
203	17.7	14.1	21.1	





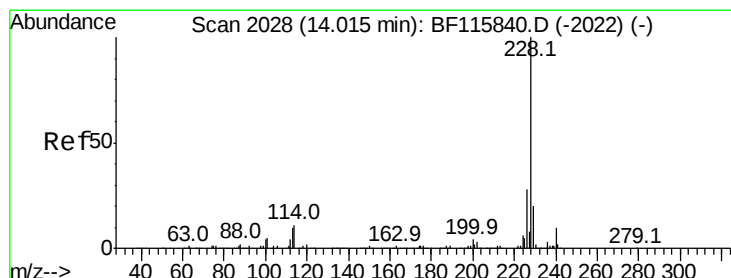
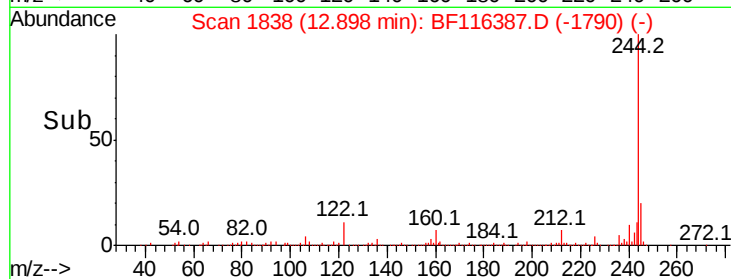
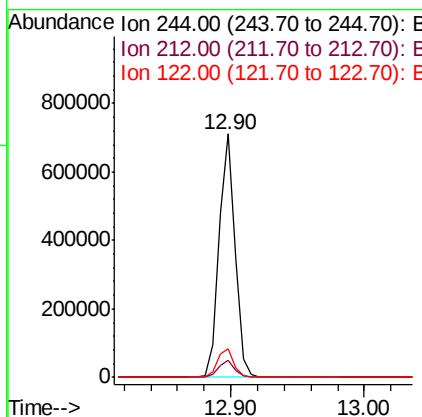
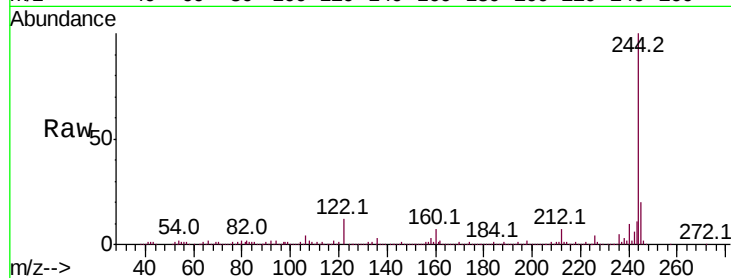
#79
 Terphenyl-d14
 Concen: 56.856 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BF116387.D
 Acq: 19 Aug 2019 14:03

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	11.5	9.0	13.4

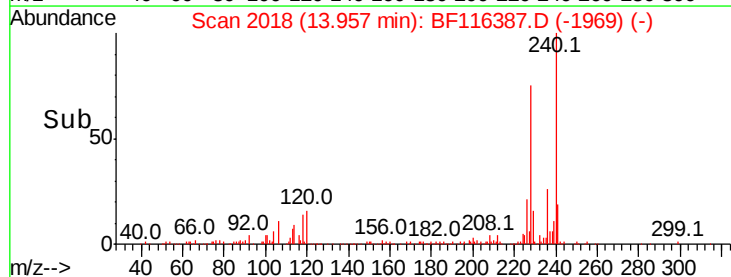
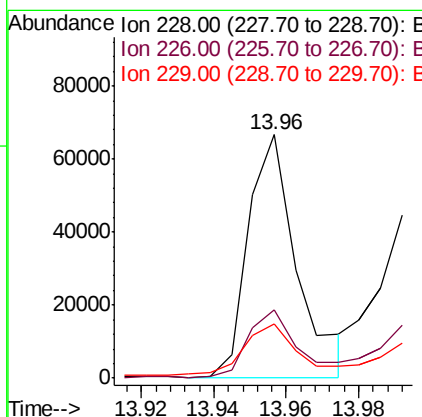
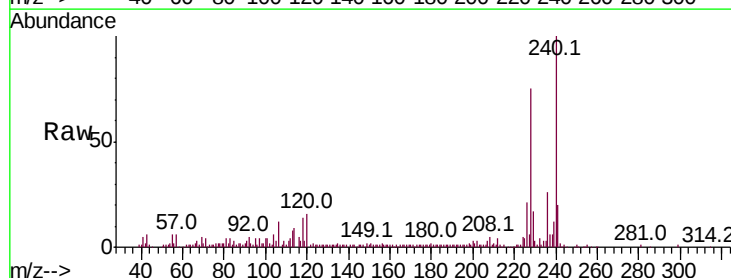
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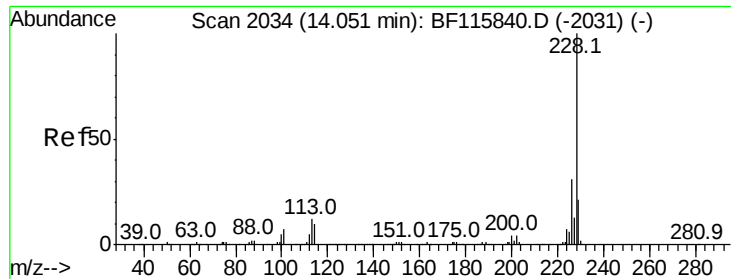
mohammad
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#81
 Benzo(a)anthracene
 Concen: 4.363 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF116387.D
 Acq: 19 Aug 2019 14:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.7	34.1
229	22.3	16.2	24.4





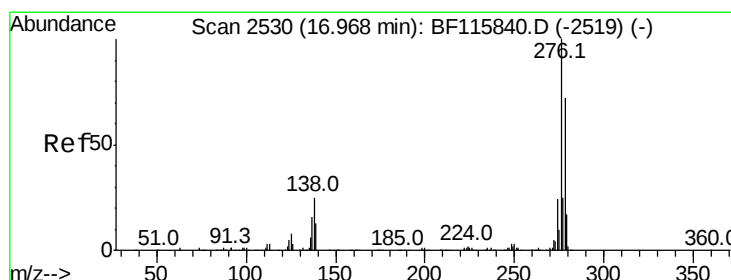
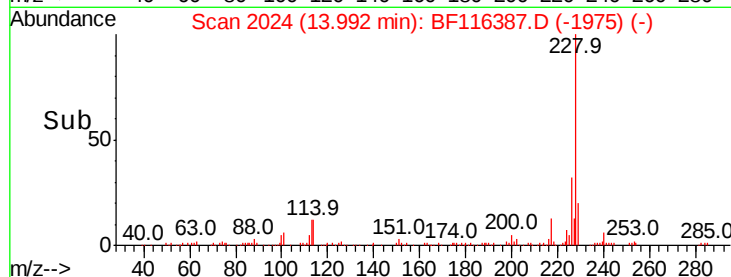
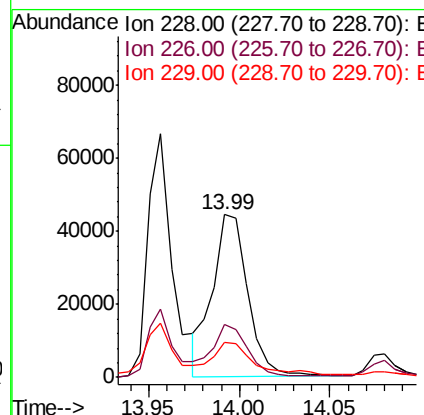
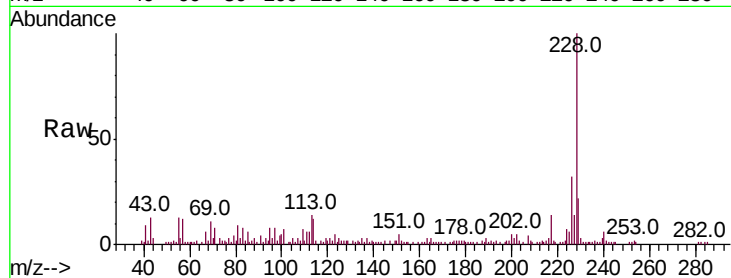
#83
Chrysene
Concen: 4.354 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116387.D
Acq: 19 Aug 2019 14:03

Instrument :
BNA_F
ClientSampled :
SP-4

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.5	38.3
229	21.6	16.6	24.8

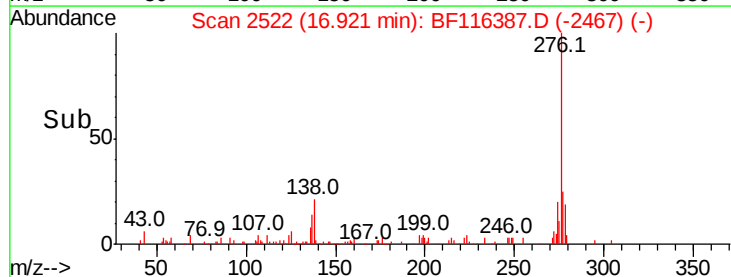
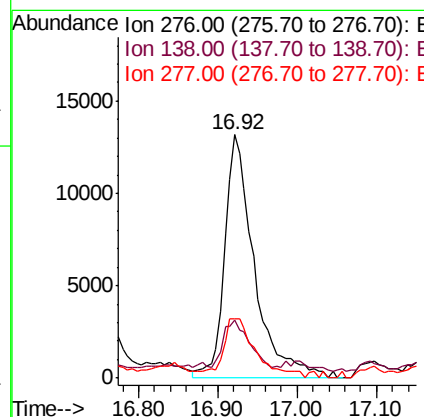
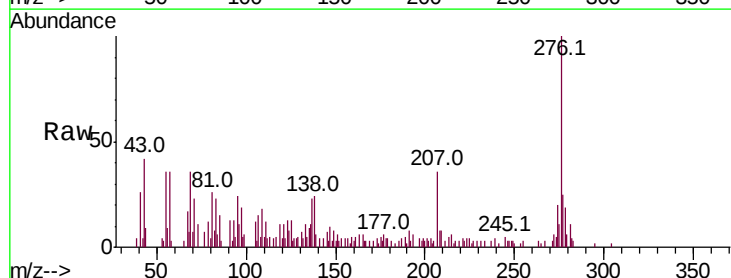
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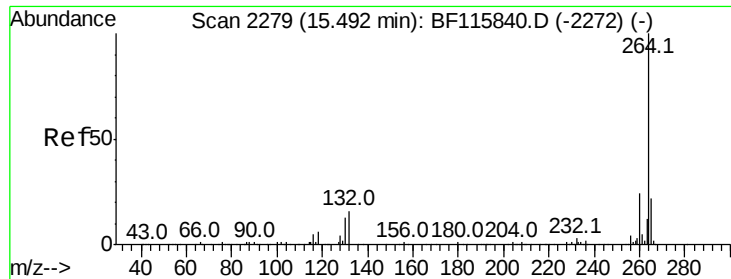
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.934 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.02 min
Lab File: BF116387.D
Acq: 19 Aug 2019 14:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.1	20.4	30.6#
277	27.4	20.0	30.0





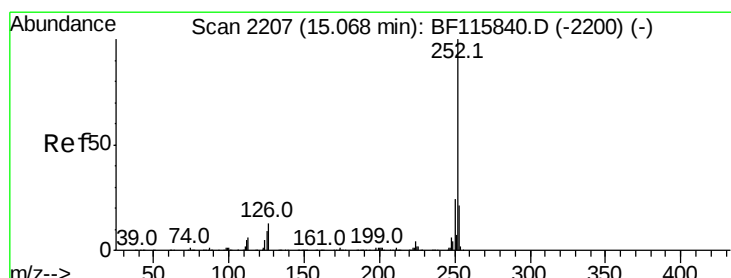
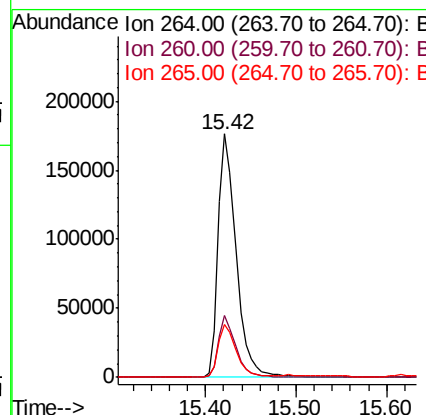
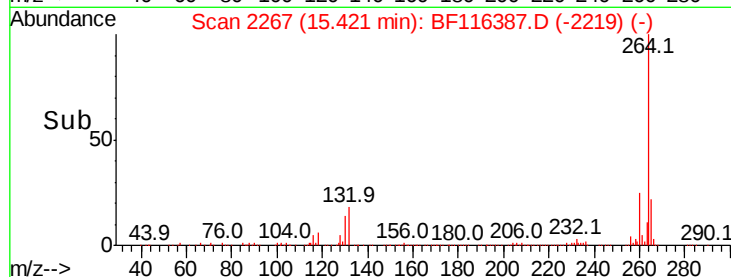
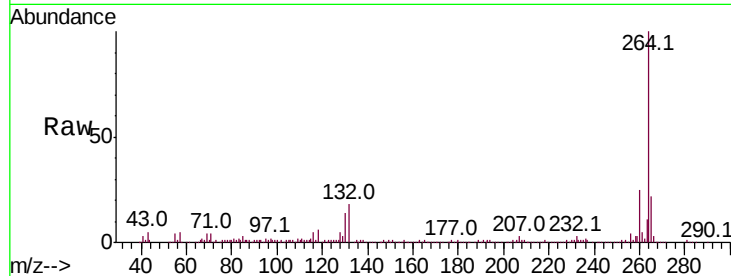
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.02 min
Lab File: BF116387.D
Acq: 19 Aug 2019 14:03

Instrument :
BNA_F
ClientSampleId :
SP-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.7	29.5
265	21.9	17.4	26.0

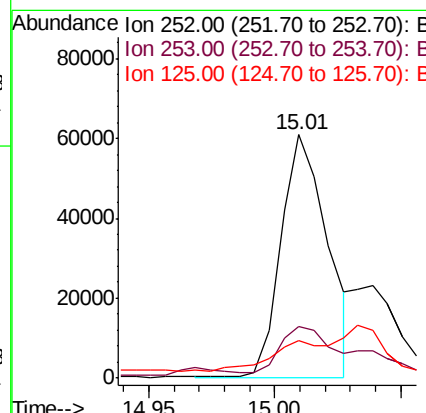
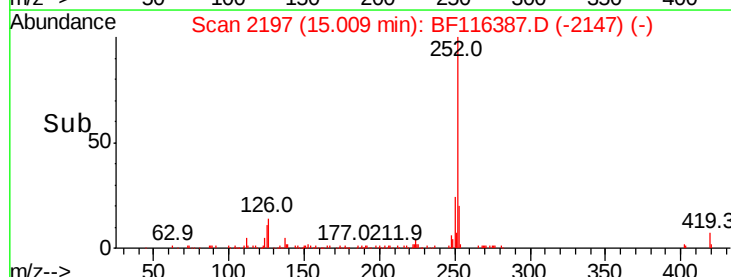
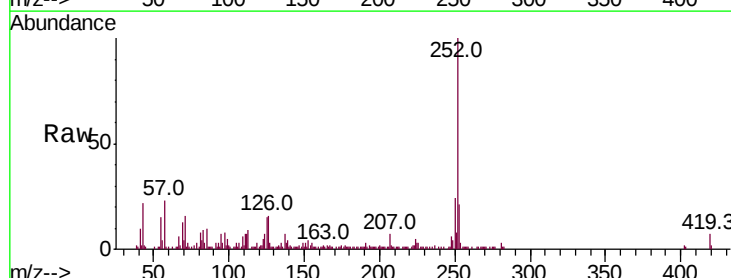
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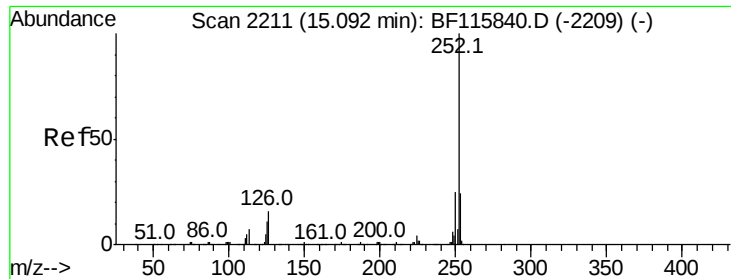
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#88
Benzo(b)fluoranthene
Concen: 5.557 ng m
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF116387.D
Acq: 19 Aug 2019 14:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.8	26.8
125	15.3	8.4	12.6#





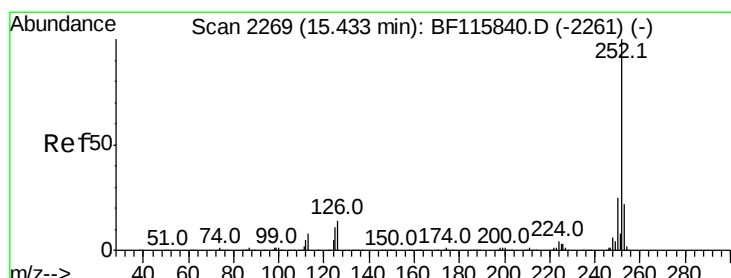
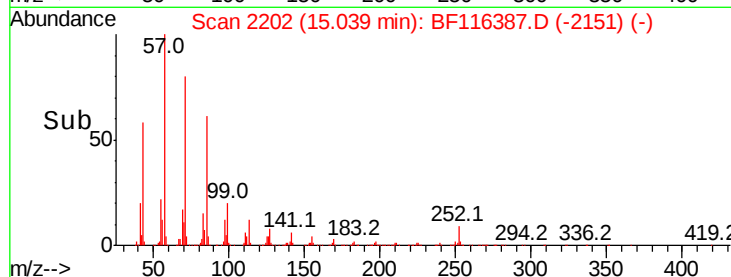
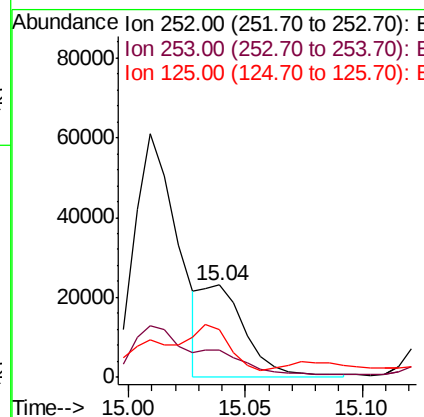
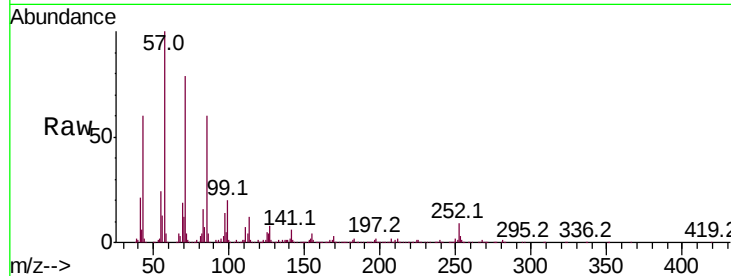
#89
Benzo(k)fluoranthene
Concen: 2.243 ng m
RT: 15.04 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BF116387.D
Acq: 19 Aug 2019 14:03

Instrument :
BNA_F
ClientSampleId :
SP-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	30.1	17.8	26.8#
125	51.3	7.7	11.5#

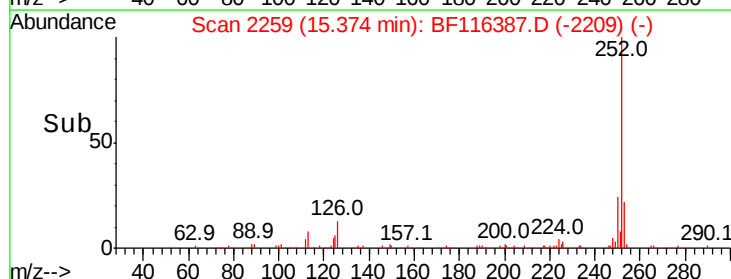
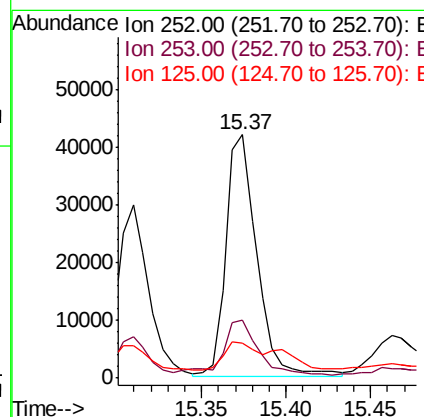
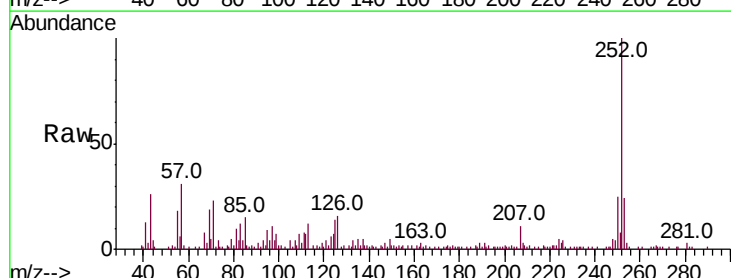
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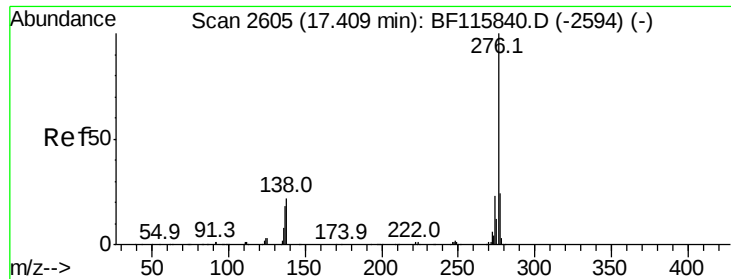
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#90
Benzo(a)pyrene
Concen: 4.216 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BF116387.D
Acq: 19 Aug 2019 14:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	14.3	8.9	13.3#





#92
 Benzo(a,h,i)perylene
 Concen: 2.848 ng
 RT: 17.37 min Scan# 2598
 Delta R.T. 0.03 min
 Lab File: BF116387.D
 Acq: 19 Aug 2019 14:03

Instrument :
 BNA_F
 ClientSampleId :
 SP-4

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	27.3	18.4	27.6
138	35.9	17.0	25.6

Manual Integrations
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