

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
 Data File : BF116519.D
 Acq On : 24 Aug 2019 13:13
 Operator : HP/JU
 Sample : K4462-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-47-COMP

Manual Integrations
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 8/28/2019 8:09:00 AM

Quant Time: Aug 26 04:00:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	126773	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	459050	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	223190	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	352156	20.00	ng	0.00
76) Chrysene-d12	14.03	240	225033	20.00	ng	0.00
87) Perylene-d12	15.49	264	219670	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	999977	115.25	ng	0.01
7) Phenol-d6	6.52	99	1334856	125.48	ng	0.01
23) Nitrobenzene-d5	7.44	82	815890	97.24	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	232191	121.16	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1326551	95.72	ng	0.00
79) Terphenyl-d14	12.98	244	1121053	93.05	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.63	163	301077	19.334	ng	98
71) Phenanthrene	11.42	178	96365	5.023	ng	99
75) Fluoranthene	12.60	202	154782	7.804	ng	98
78) Pyrene	12.83	202	145533	8.087	ng	99
81) Benzo(a)anthracene	14.02	228	65915	4.523	ng	99
83) Chrysene	14.05	228	58880	3.986	ng	96
86) Indeno(1,2,3-cd)pyrene	16.95	276	28853	2.280	ng	97
88) Benzo(b)fluoranthene	15.07	252	72253m	5.324	ng	
90) Benzo(a)pyrene	15.43	252	49734	4.147	ng	97
92) Benzo(g,h,i)perylene	17.39	276	26974	2.871	ng	98

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

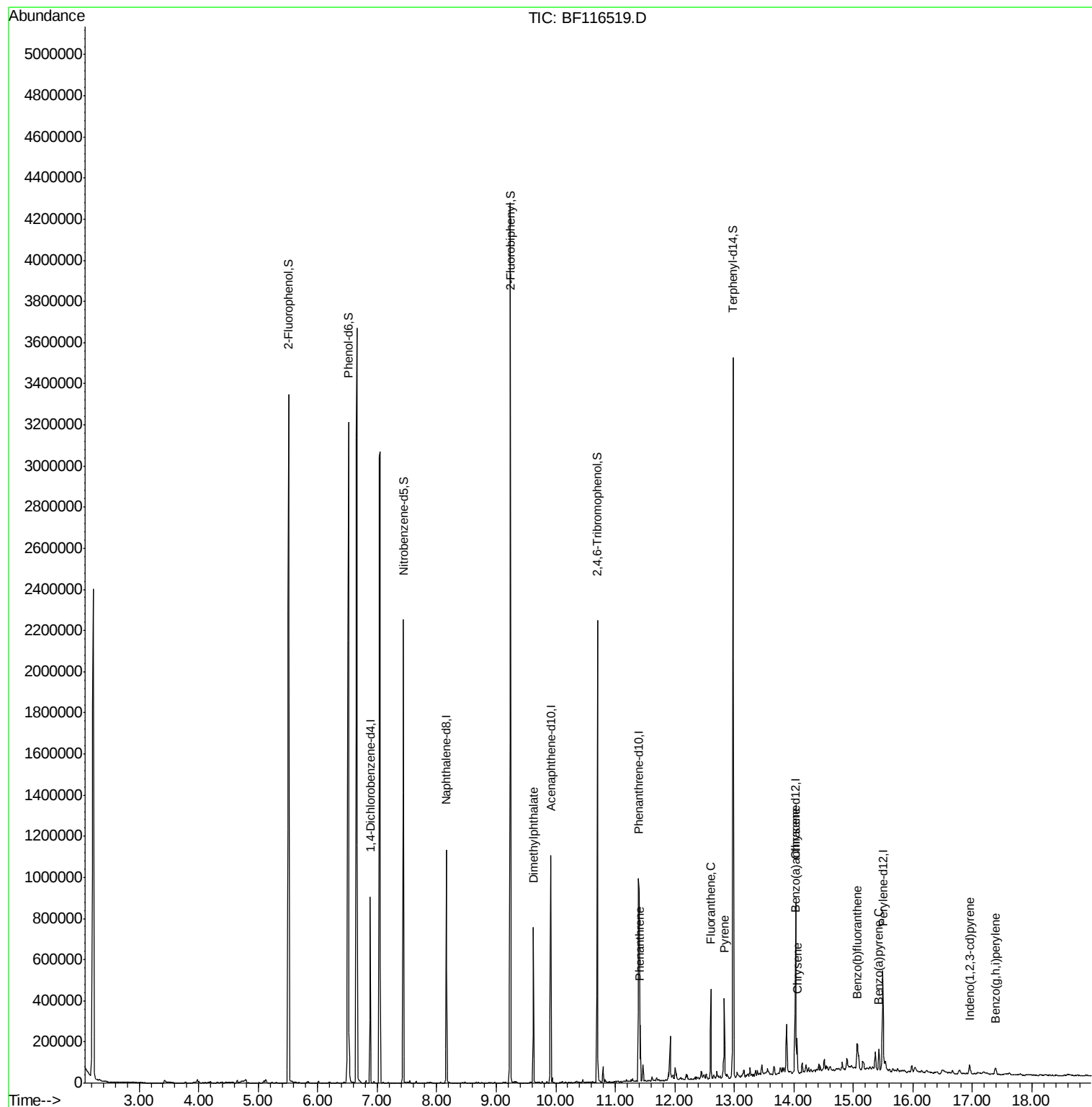
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082319\
Data File : BF116519.D
Acq On : 24 Aug 2019 13:13
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Sample : K4462-04
Misc :
ALS Vial : 39 Sample Multiplier: 1

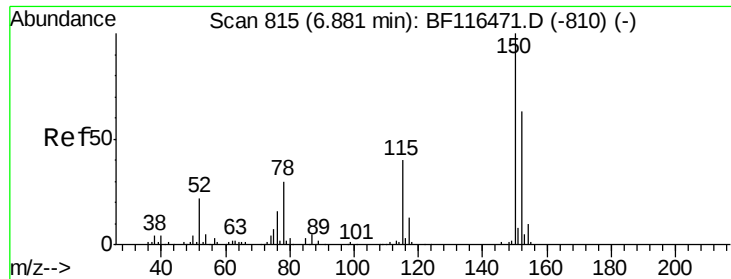
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

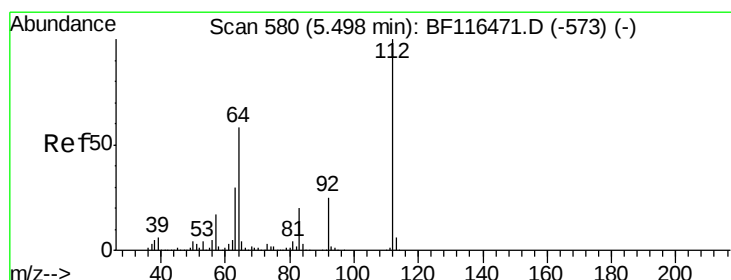
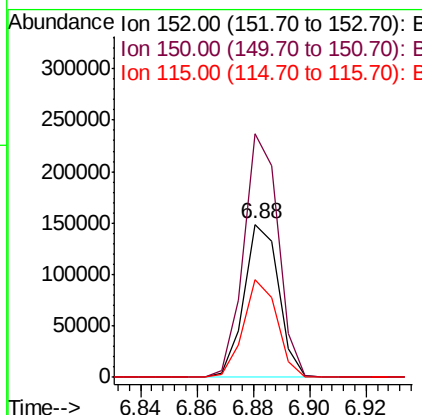
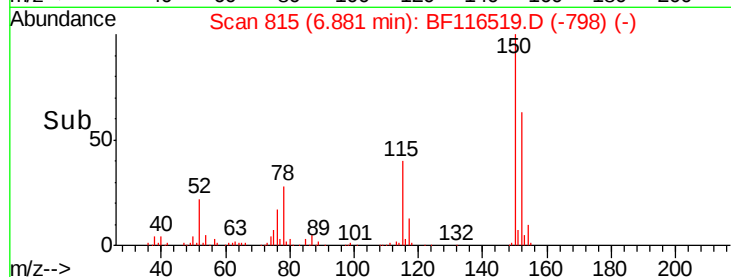
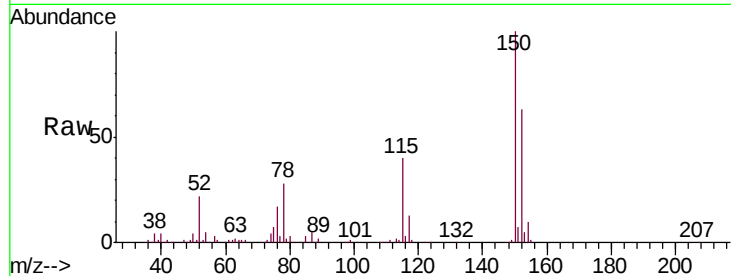
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF116519.D
Acq: 24 Aug 2019 13:13

Instrument :
BNA_F
ClientSampleId :
SB-47-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.7	190.1
115	64.1	50.9	76.3

Manual Integrations
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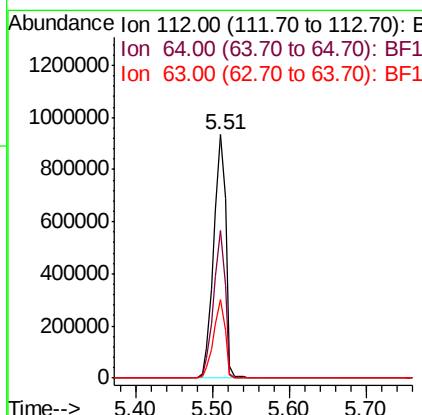
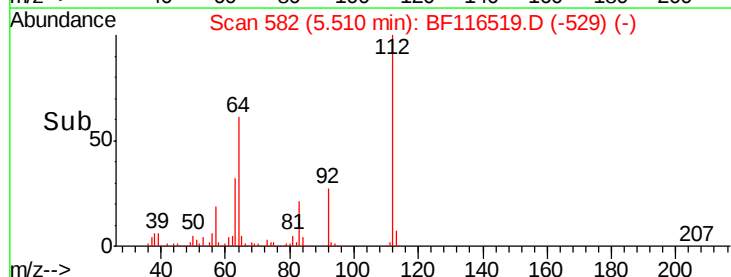
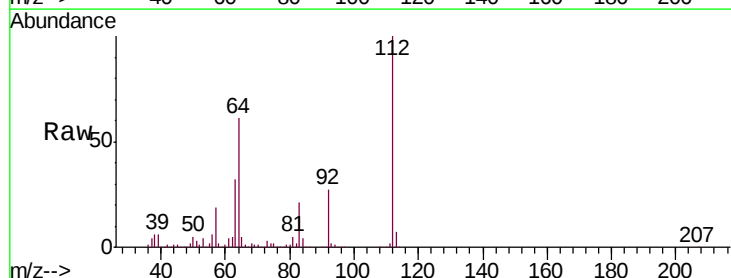
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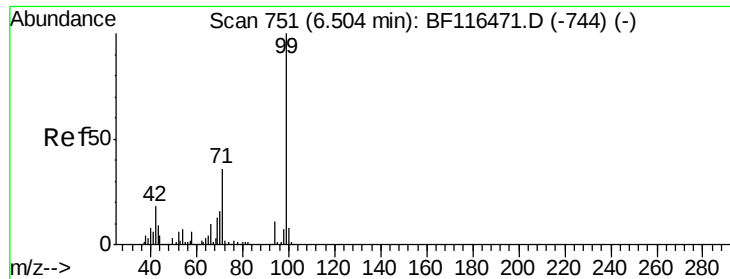


#5

2-Fluorophenol
Concen: 115.254 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF116519.D
Acq: 24 Aug 2019 13:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	46.3	69.5
63	32.1	24.2	36.4





#7

Phenol-d6

Concen: 125.475 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF116519.D

Acq: 24 Aug 2019 13:13

Instrument :

BNA_F

ClientSampleId :

SB-47-COMP

Tot Ion: 99 Resp: 1334856

Ion Ratio Lower Upper

99 100

42 17.1 14.6 21.8

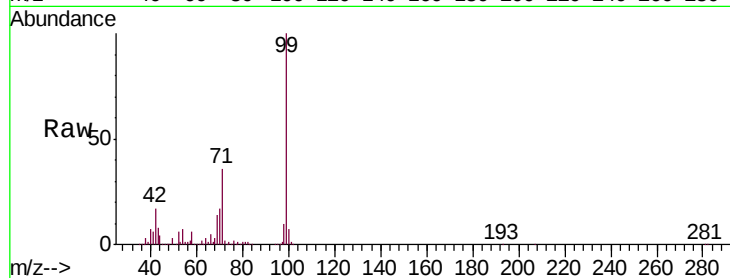
71 35.9 28.5 42.7

Manual Integrations

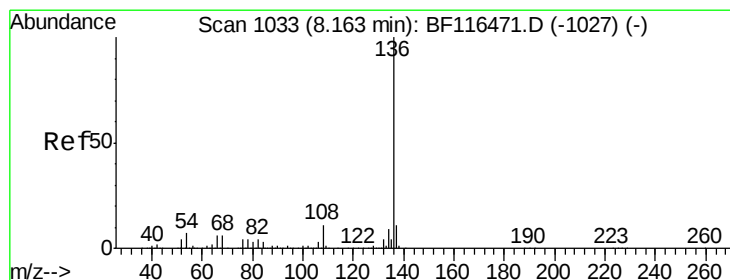
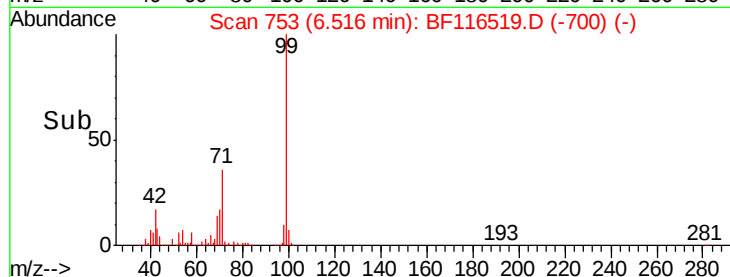
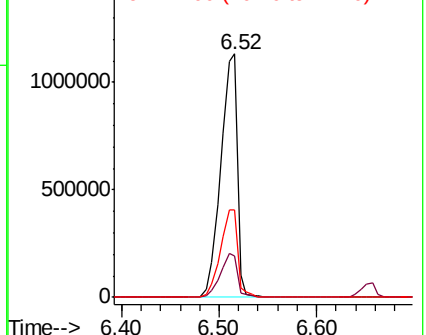
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF116519.D

Acq: 24 Aug 2019 13:13

Tgt Ion: 136 Resp: 459050

Ion Ratio Lower Upper

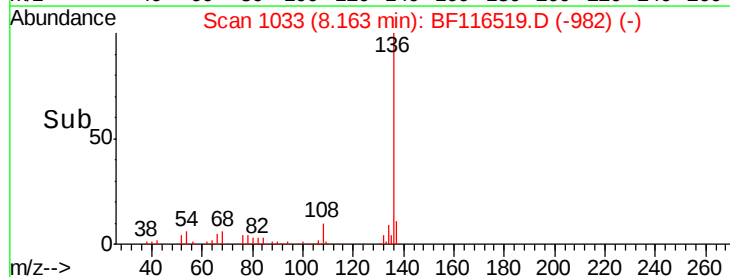
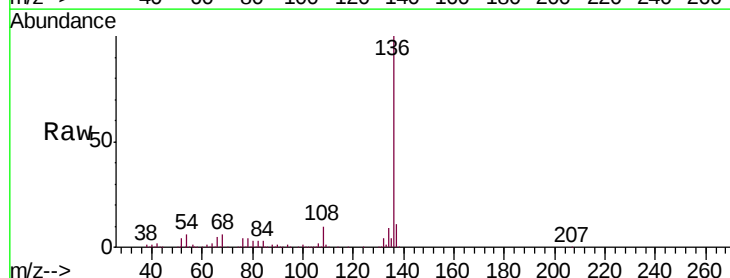
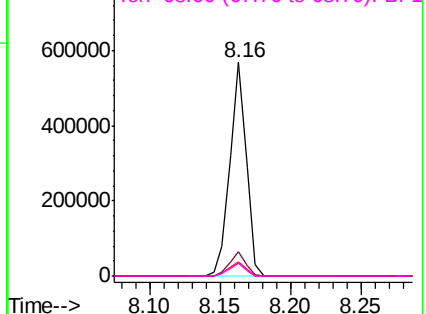
136 100

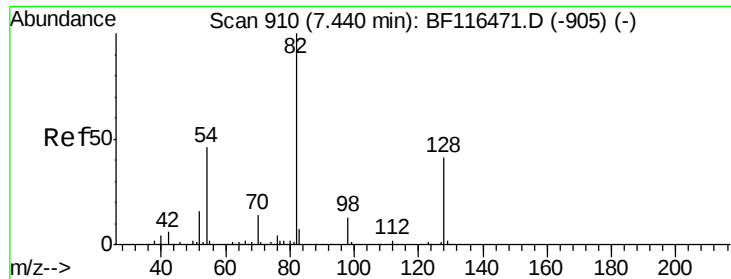
137 11.4 9.0 13.4

54 6.5 5.8 8.6

68 6.1 5.1 7.7

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





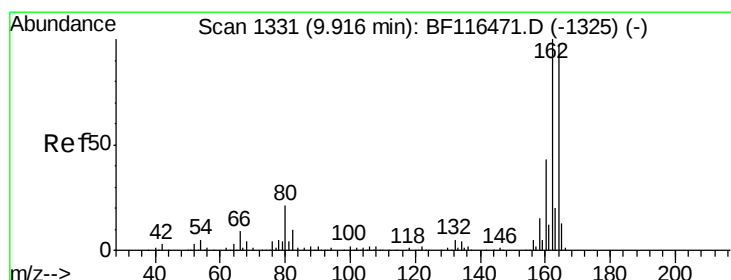
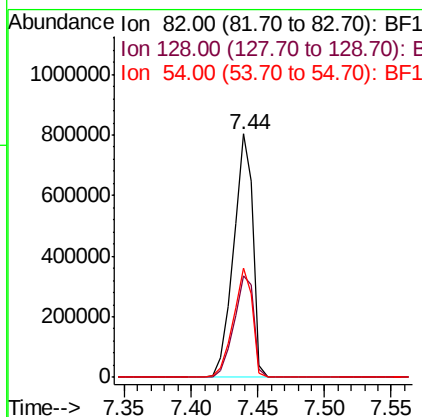
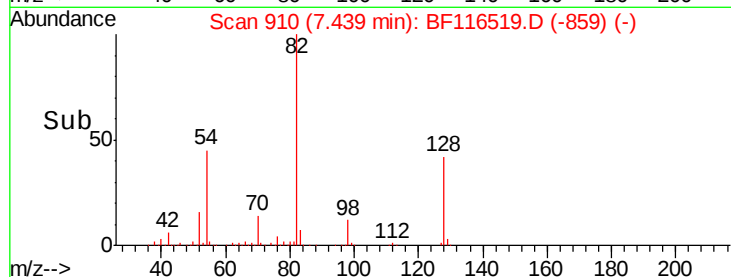
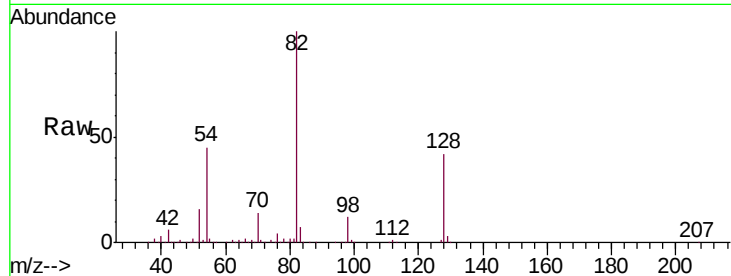
#23
Nitrobenzene-d5
Concen: 97.238 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF116519.D
Acq: 24 Aug 2019 13:13

Instrument :
BNA_F
ClientSampleId :
SB-47-COMP

Tot Ion	Ratio	Resp	Lower	Upper
82	100	815890		
128	41.8	32.2	48.4	
54	45.1	36.5	54.7	

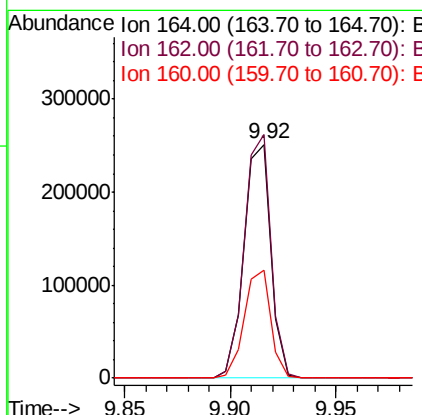
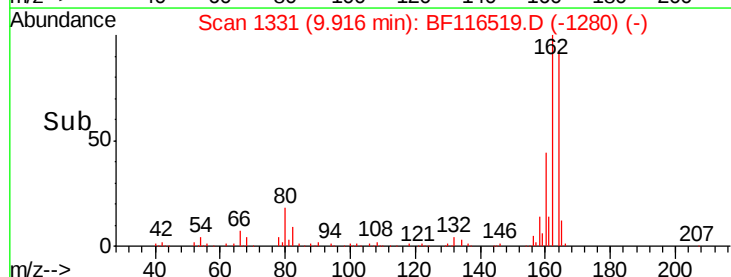
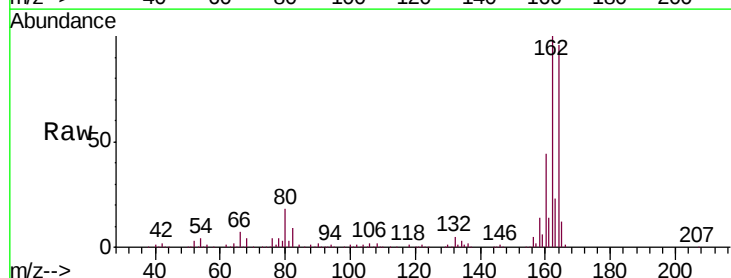
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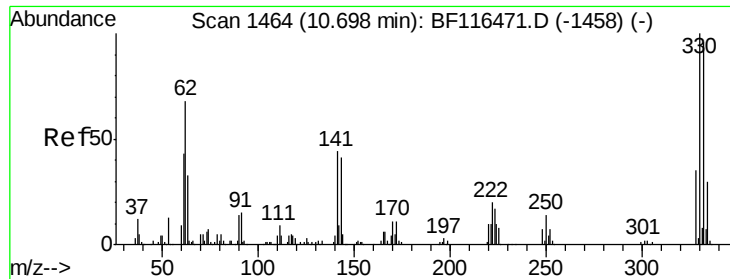
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF116519.D
Acq: 24 Aug 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	223190		
162	104.2	82.6	123.8	
160	46.0	35.8	53.8	





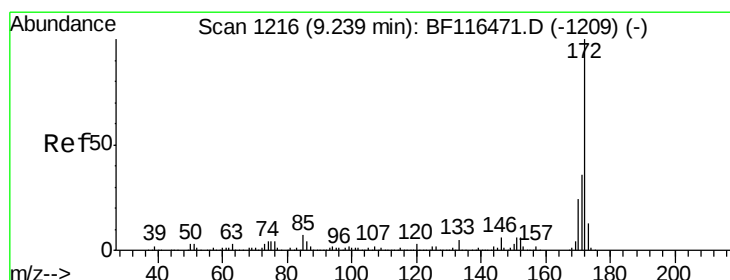
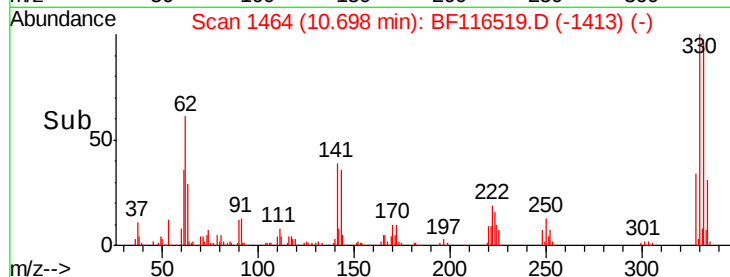
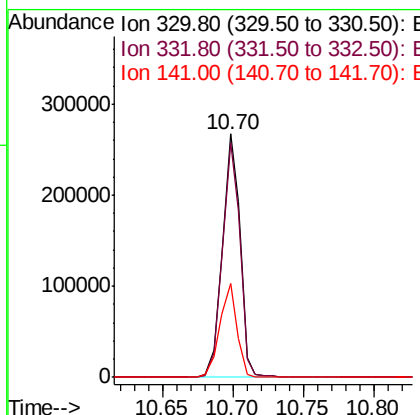
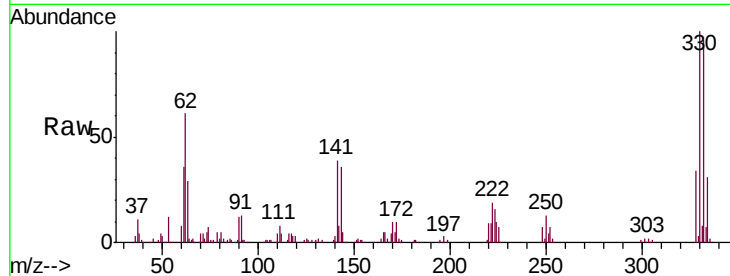
#42
 2,4,6-Tribromophenol
 Concen: 121.156 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BF116519.D
 Acq: 24 Aug 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-47-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100	232191		
332	96.0	77.2	115.8	
141	37.8	33.3	49.9	

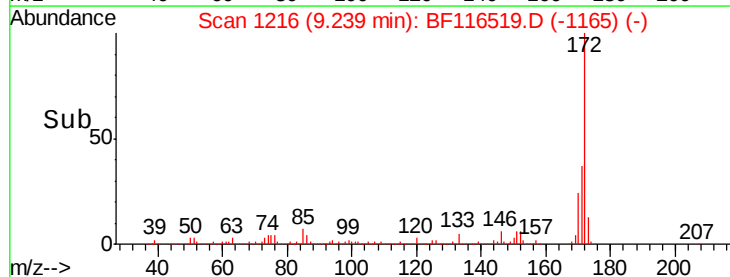
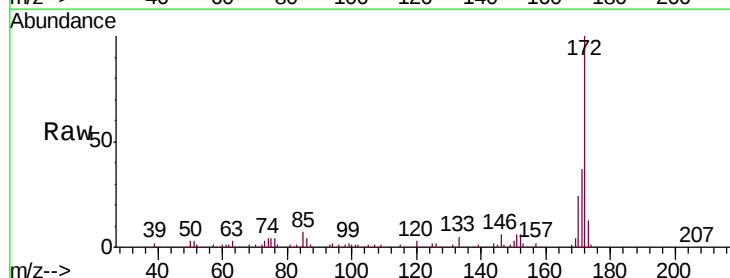
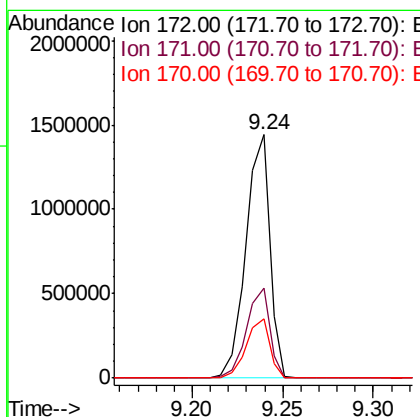
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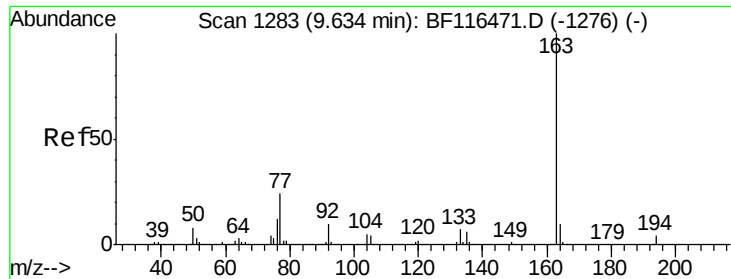
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#45
 2-Fluorobiphenyl
 Concen: 95.716 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF116519.D
 Acq: 24 Aug 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1326551		
171	36.9	28.9	43.3	
170	24.4	19.4	29.0	





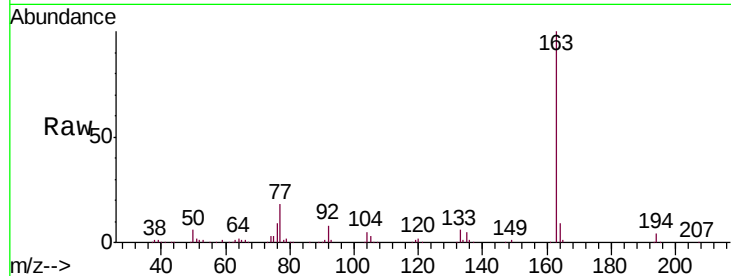
#50
Dimethylphthalate
Concen: 19.334 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF116519.D
Acq: 24 Aug 2019 13:13

Instrument :
BNA_F
ClientSampleId :
SB-47-COMP

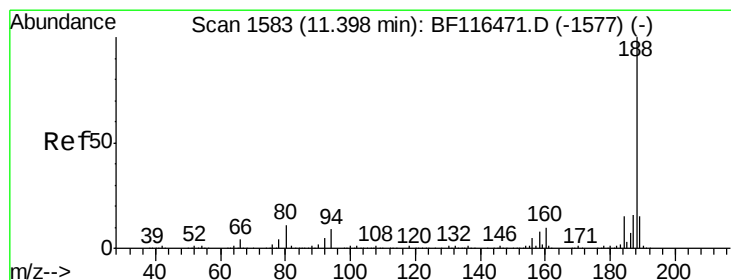
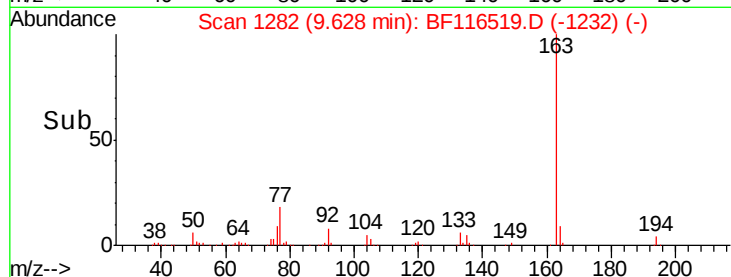
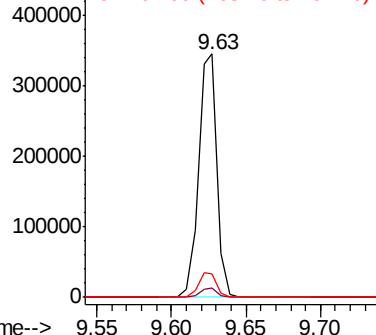
Tot Ion	Ratio	Resp	Lower	Upper
163	100	301077		
194	4.1	2.9	4.3	
164	9.4	8.2	12.2	

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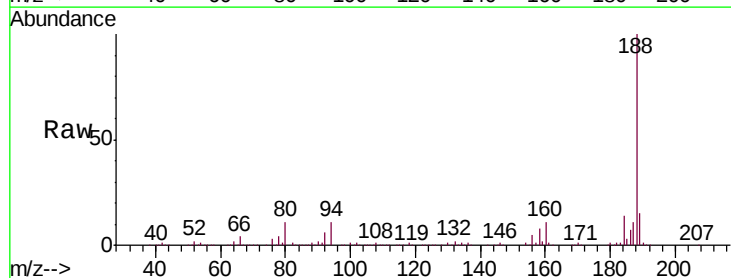


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

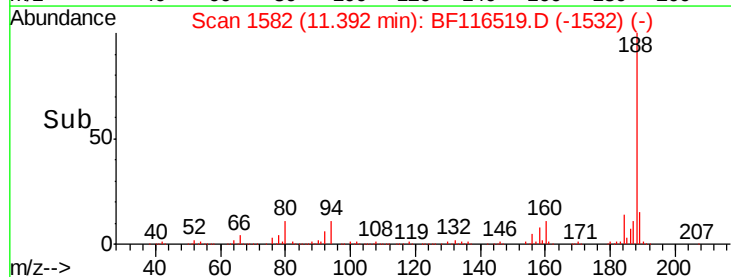
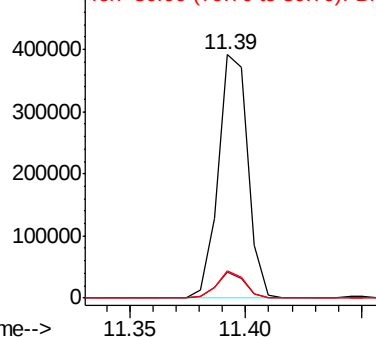


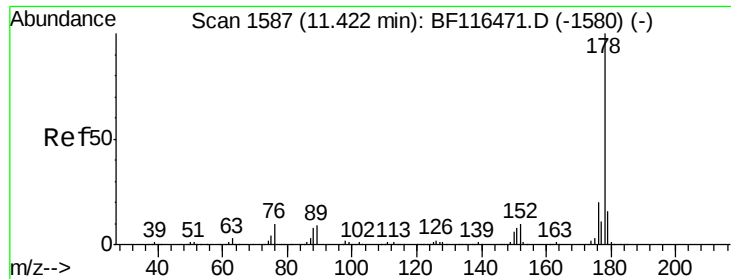
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF116519.D
Acq: 24 Aug 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	352156		
94	10.8	7.4	11.2	
80	11.3	8.6	12.8	



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





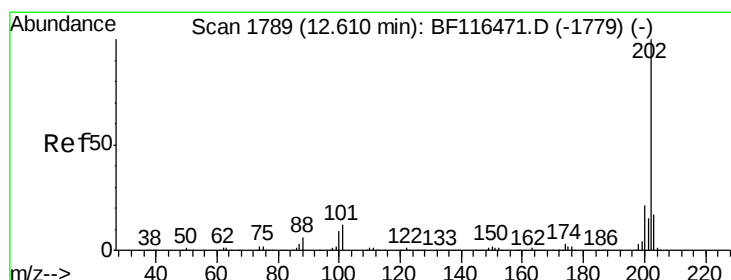
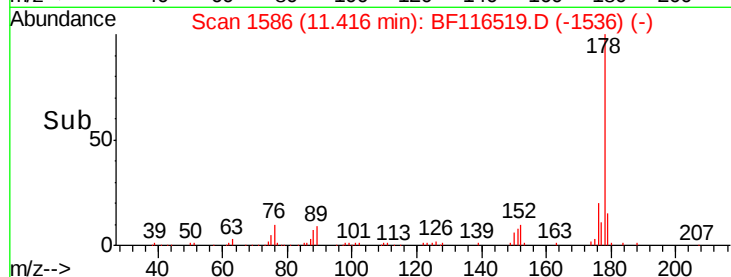
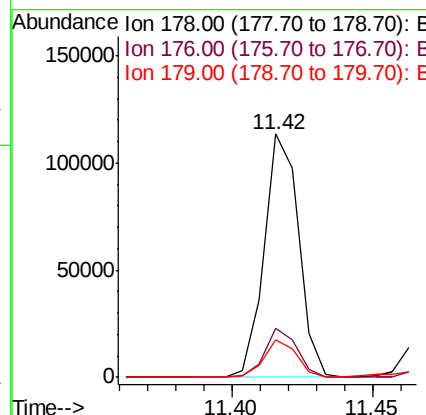
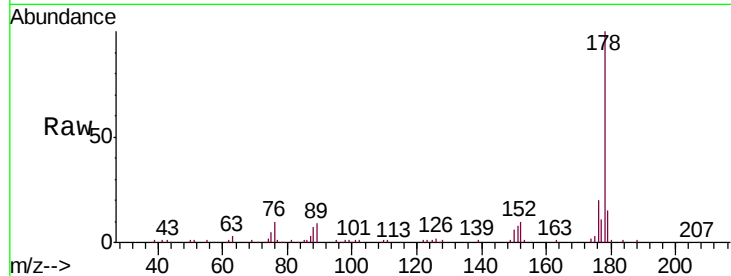
#71
Phenanthrene
Concen: 5.023 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF116519.D
Acq: 24 Aug 2019 13:13

Instrument :
BNA_F
ClientSampleId :
SB-47-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.6
179	15.4	12.8	19.2

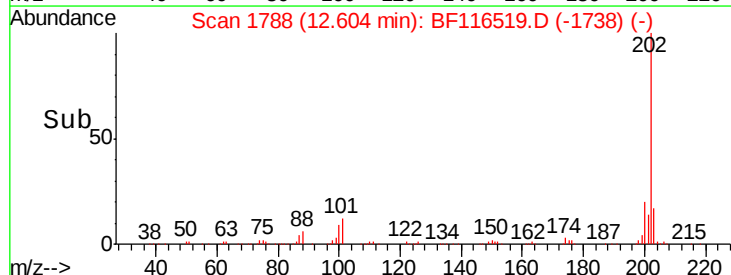
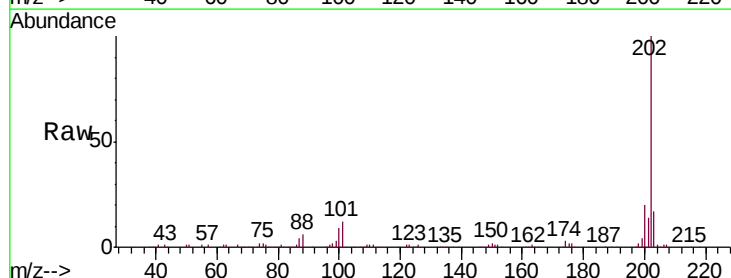
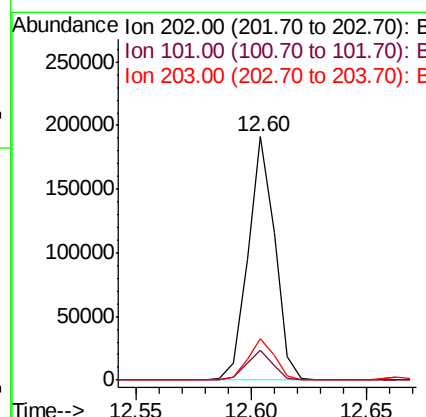
Manual Integrations
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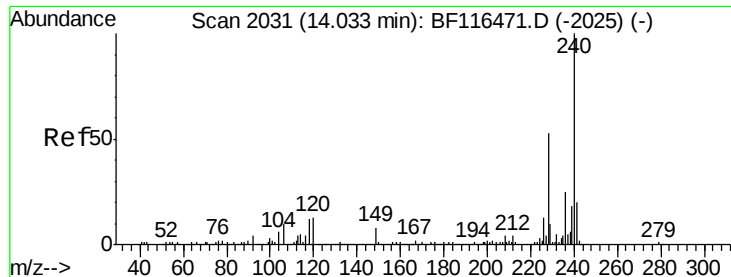
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#75
Fluoranthene
Concen: 7.804 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.01 min
Lab File: BF116519.D
Acq: 24 Aug 2019 13:13

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.5
203	16.9	0.0	37.5





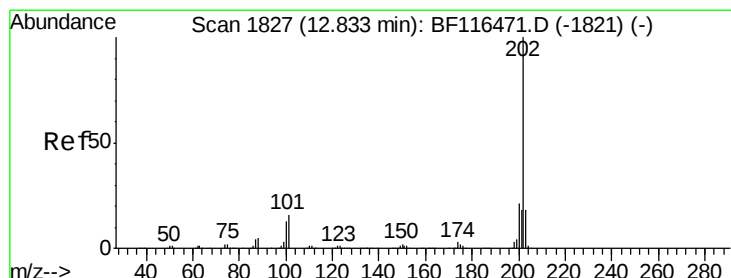
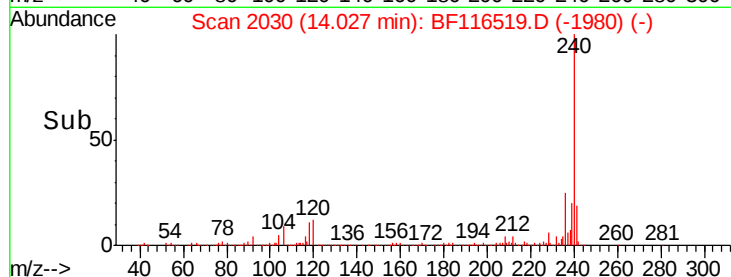
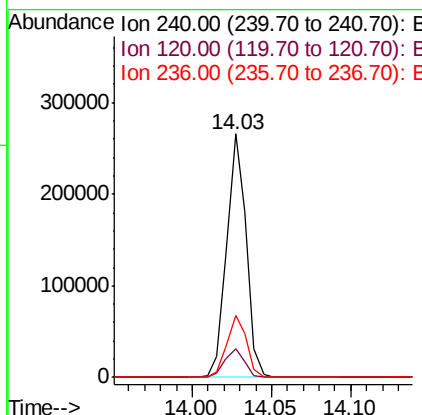
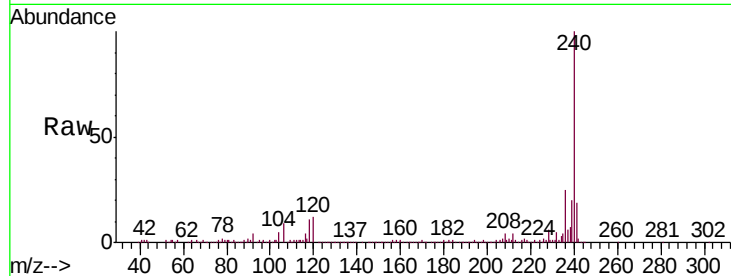
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF116519.D
Acq: 24 Aug 2019 13:13

Instrument :
BNA_F
ClientSampleId :
SB-47-COMP

Tot Ion	Ratio	Resp	Lower	Upper
240	100	225033		
120	11.6	10.5	15.7	
236	25.5	20.2	30.2	

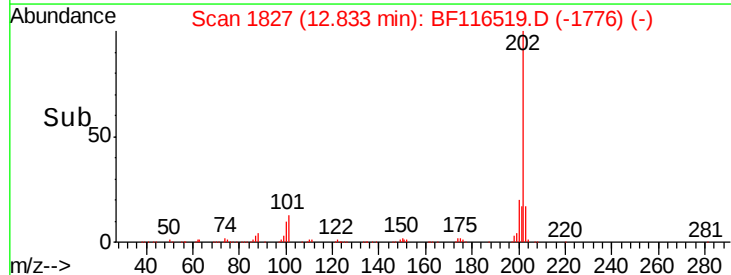
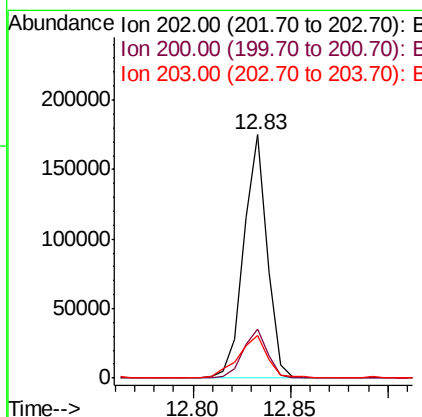
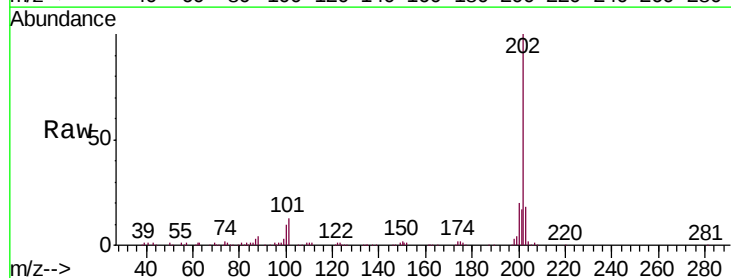
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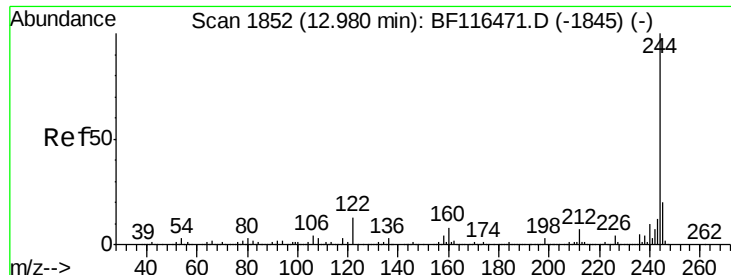
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#78
Pyrene
Concen: 8.087 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.00 min
Lab File: BF116519.D
Acq: 24 Aug 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	145533		
200	20.2	17.0	25.4	
203	17.5	14.2	21.4	





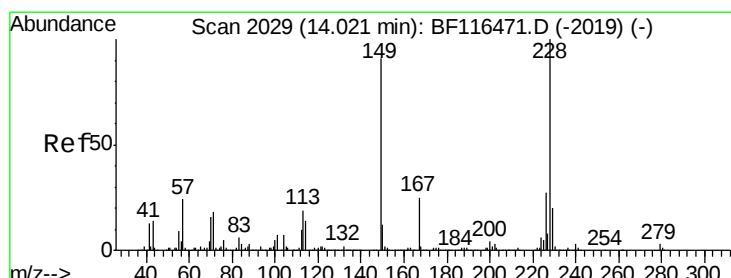
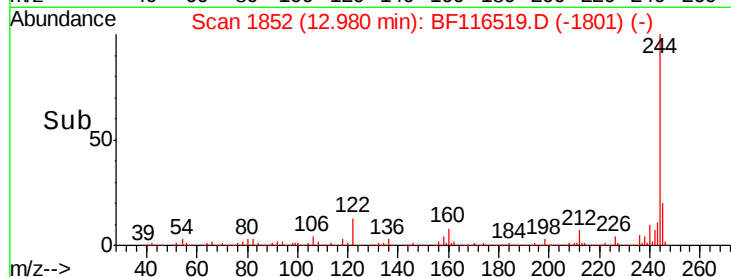
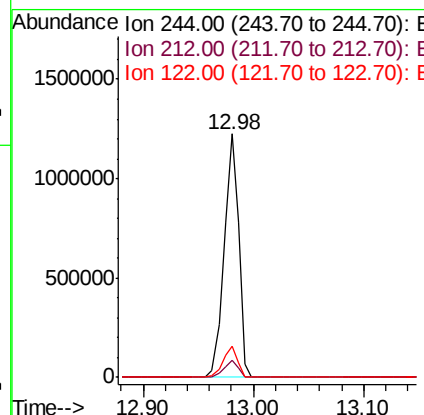
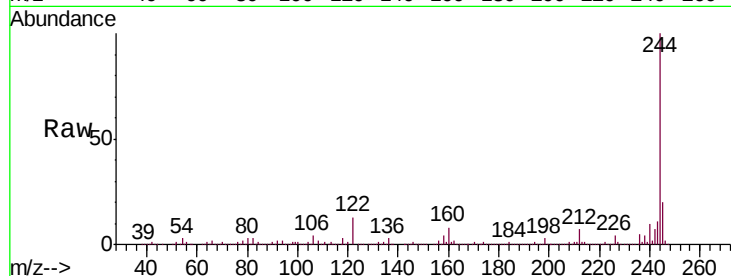
#79
 Terphenyl-d14
 Concen: 93.054 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BF116519.D
 Acq: 24 Aug 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-47-COMP

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	12.7	10.2	15.4

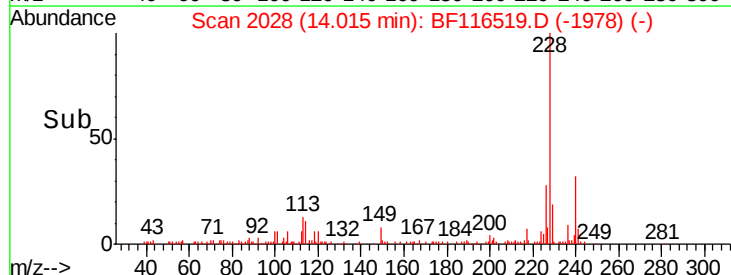
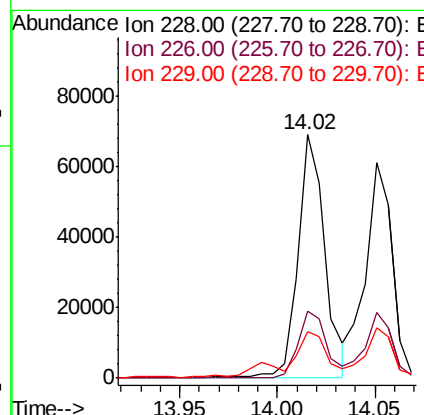
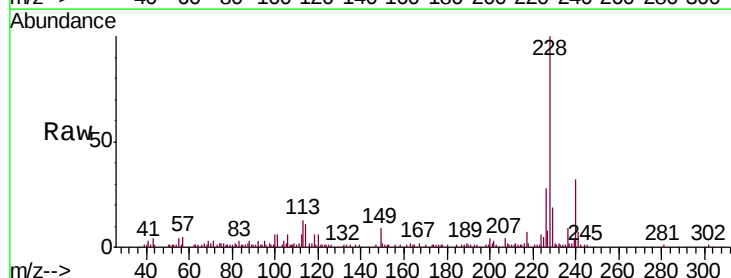
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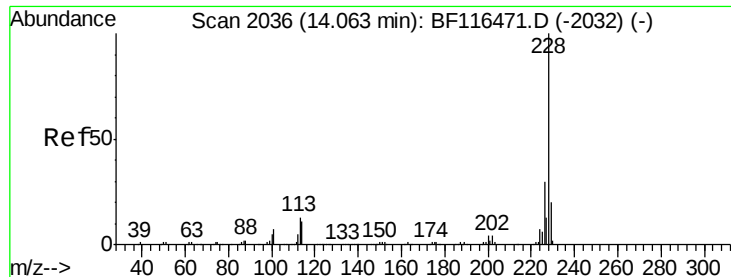
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#81
 Benzo(a)anthracene
 Concen: 4.523 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF116519.D
 Acq: 24 Aug 2019 13:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.6
229	19.3	15.9	23.9





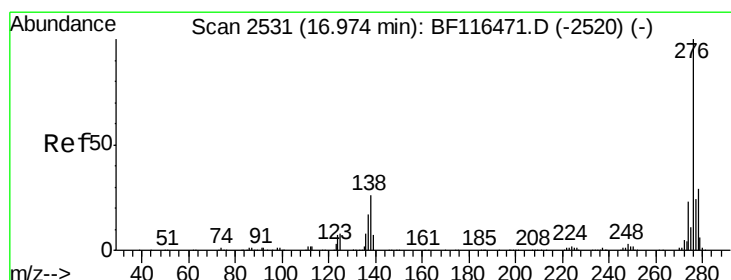
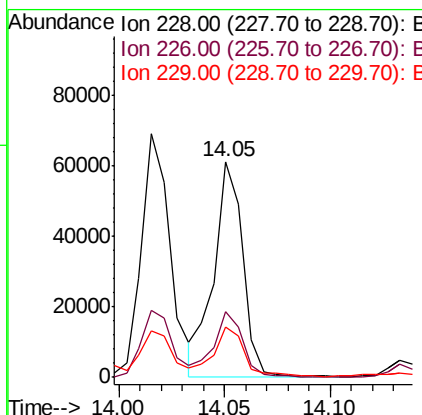
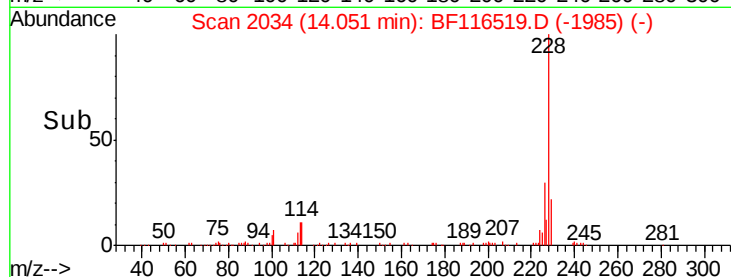
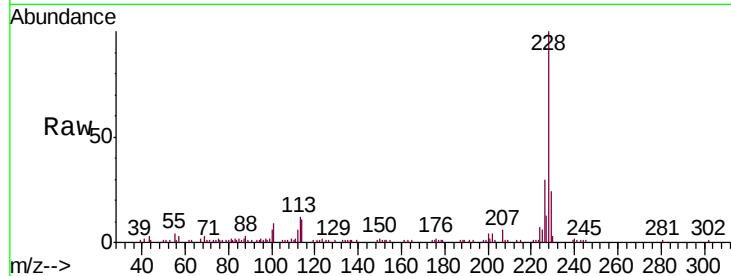
#83
Chrysene
Concen: 3.986 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF116519.D
Acq: 24 Aug 2019 13:13

Instrument :
BNA_F
ClientSampleId :
SB-47-COMP

Tot Ion:	228	Resp:	58880
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.2	36.2
229	23.5	15.8	23.6

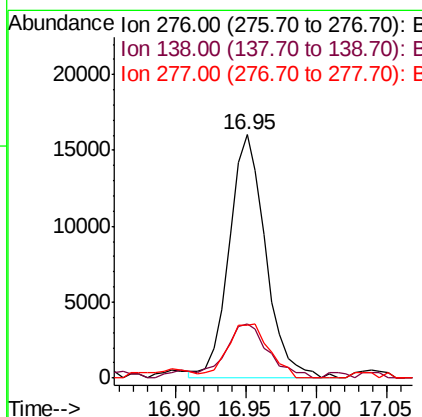
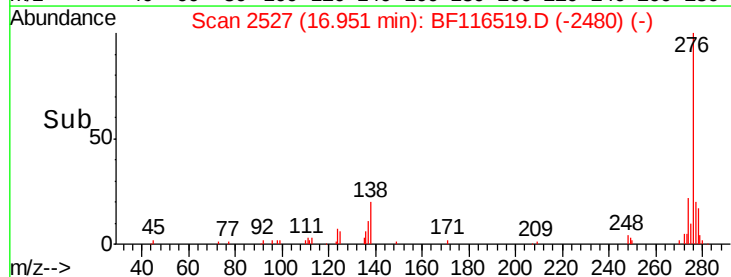
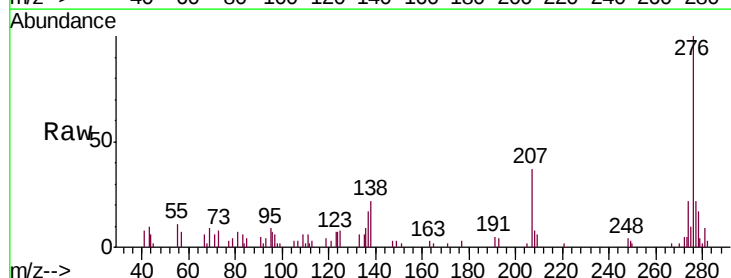
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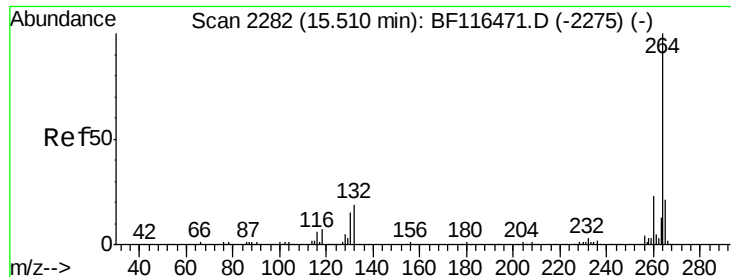
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.280 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF116519.D
Acq: 24 Aug 2019 13:13

Tgt Ion:	276	Resp:	28853
Ion Ratio	Lower	Upper	
276	100		
138	25.8	22.9	34.3
277	25.4	19.9	29.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BF116519.D

Acq: 24 Aug 2019 13:13

Instrument :

BNA_F

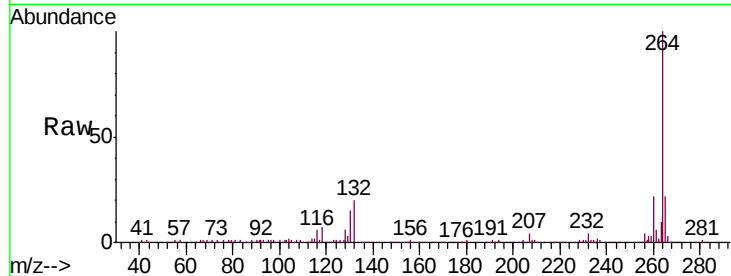
ClientSampleId :

SB-47-COMP

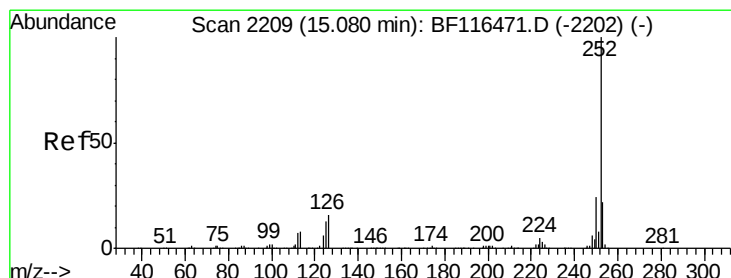
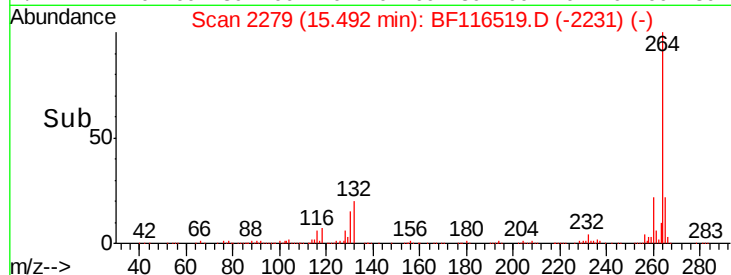
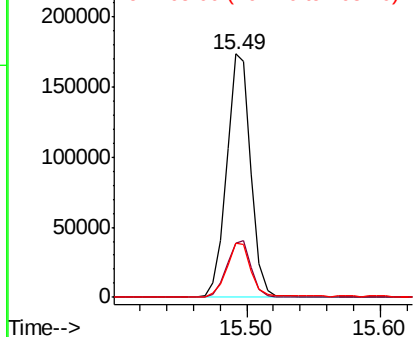
Tot Ion:	264	Resp:	219670
Ion Ratio	Lower	Upper	
264	100		
260	22.4	18.8	28.2
265	22.1	17.1	25.7

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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: 5.324 ng m

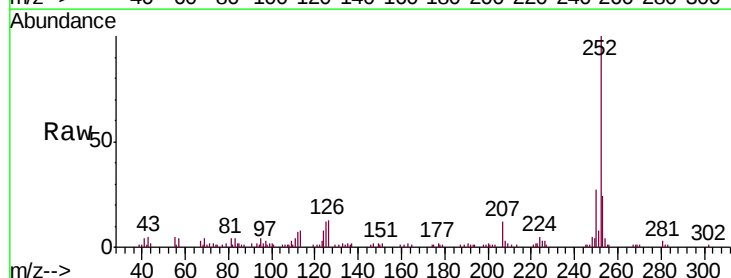
RT: 15.07 min Scan# 2207

Delta R.T. -0.01 min

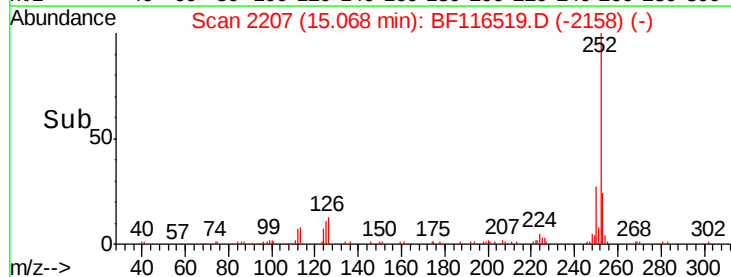
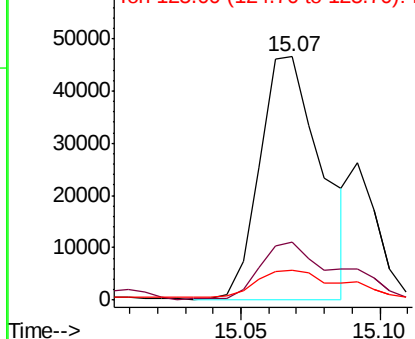
Lab File: BF116519.D

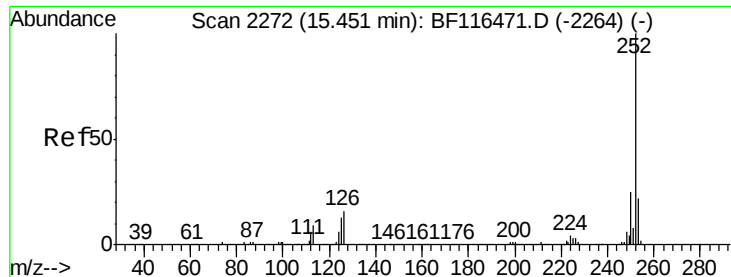
Acq: 24 Aug 2019 13:13

Tgt Ion:	252	Resp:	72253
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.5	26.3
125	12.4	10.1	15.1



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





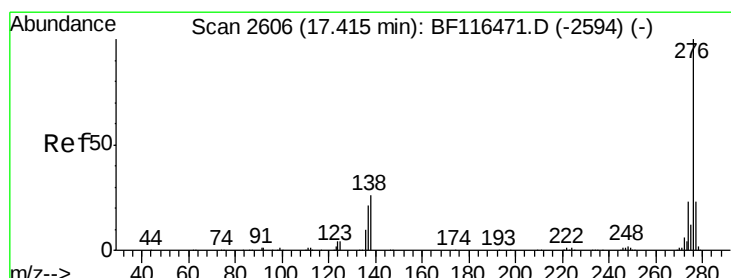
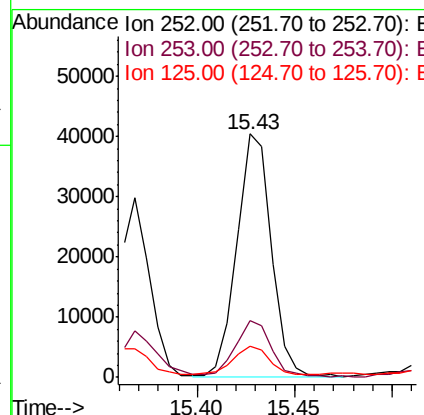
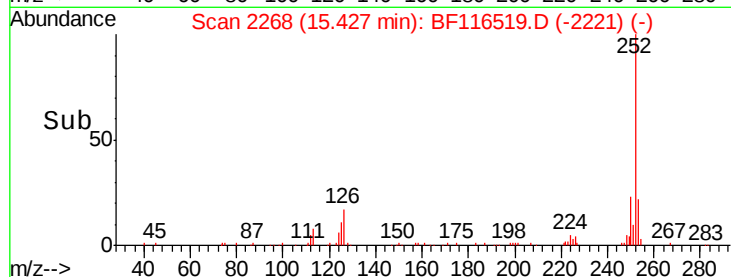
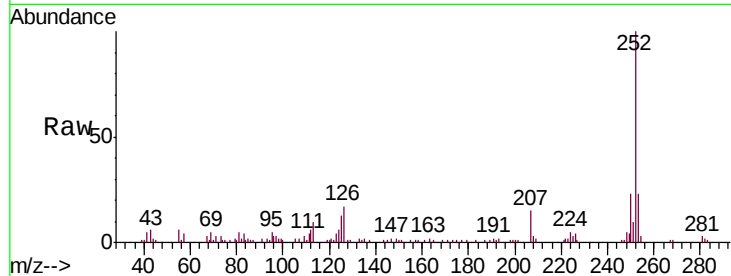
#90
Benzo(a)pyrene
Concen: 4.147 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF116519.D
Acq: 24 Aug 2019 13:13

Instrument :
BNA_F
ClientSampled :
SB-47-COMP

Tot Ion:	252	Resp:	49734
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.2	25.8
125	12.6	10.2	15.4

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#92
Benzo(g,h,i)perylene
Concen: 2.871 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.02 min
Lab File: BF116519.D
Acq: 24 Aug 2019 13:13

Tgt Ion:	276	Resp:	26974
Ion Ratio	Lower	Upper	
276	100		
277	24.7	18.7	28.1
138	26.7	20.8	31.2

