

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020520\
 Data File : BF118826.D
 Acq On : 5 Feb 2020 13:17
 Operator : CG/JU
 Sample : L1351-02DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TAL-2DL

Manual Integrations
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Quant Time: Feb 05 13:56:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	213403	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	798581	20.00	ng	-0.01
39) Acenaphthene-d10	9.85	164	434741	20.00	ng	-0.01
64) Phenanthrene-d10	11.33	188	854248	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	818708	20.00	ng	-0.01
87) Perylene-d12	15.41	264	807101	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	126438	11.22	ng	-0.01
7) Phenol-d6	6.43	99	155920	11.14	ng	-0.02
23) Nitrobenzene-d5	7.36	82	94286	7.04	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	53207	10.23	ng	-0.01
45) 2-Fluorobiphenyl	9.17	172	174731	7.19	ng	-0.01
79) Terphenyl-d14	12.91	244	316230	7.93	ng	-0.02
Target Compounds						
71) Phenanthrene	11.35	178	115439	2.747	ng	Qvalue 96
75) Fluoranthene	12.54	202	233960	5.098	ng	97
78) Pyrene	12.77	202	200210	3.565	ng	97
80) Butylbenzylphthalate	13.39	149	1595251	62.228	ng	100
81) Benzo(a)anthracene	13.96	228	134014	2.751	ng	98
83) Chrysene	13.99	228	132301	2.706	ng	97
88) Benzo(b)fluoranthene	14.99	252	137209m	2.740	ng	
90) Benzo(a)pyrene	15.34	252	93104	2.172	ng	# 96

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

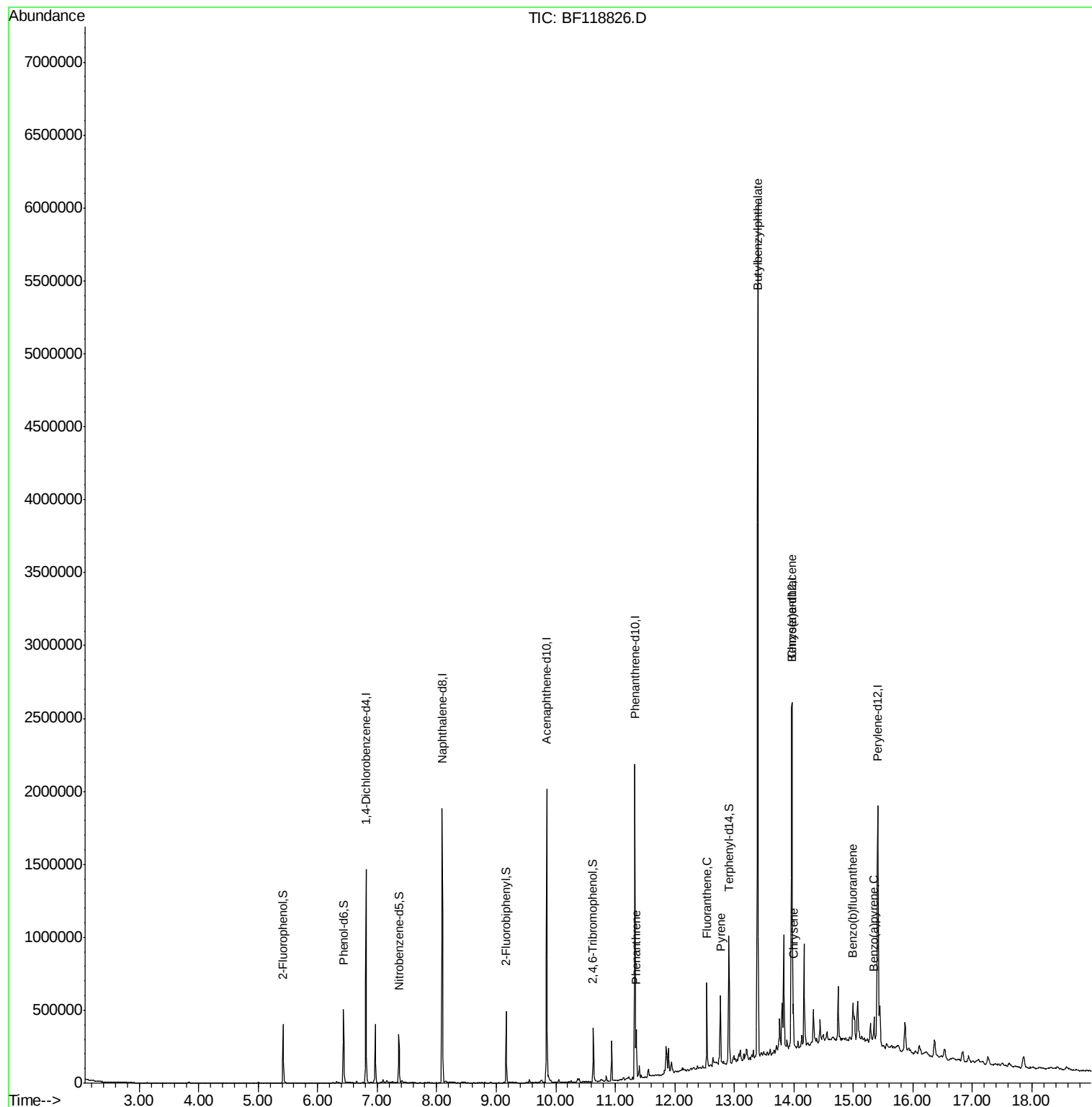
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020520\
Data File : BF118826.D
Acq On : 5 Feb 2020 13:17
Operator : CG/JU
Sample : L1351-02DL 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

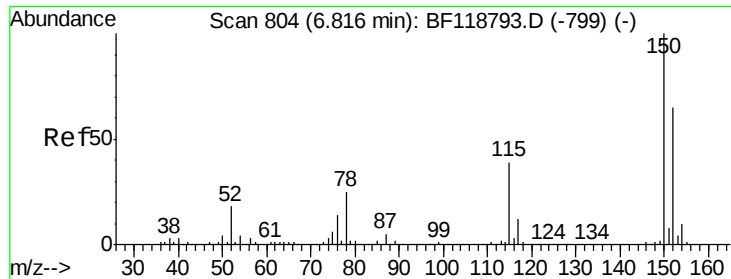
Instrument :
BNA_F
ClientSampleId :
TAL-2DL

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Quant Time: Feb 05 13:56:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 16:26:03 2020
Response via : Initial Calibration





#1

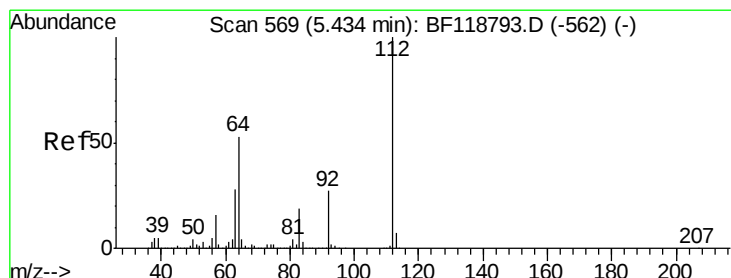
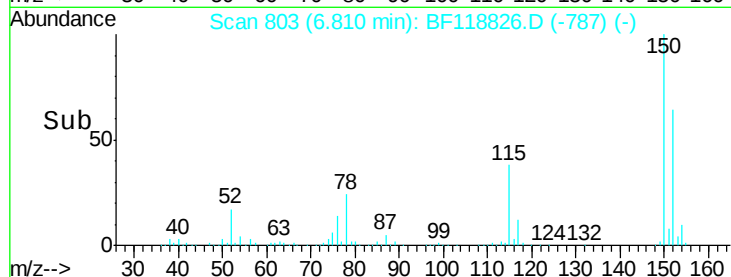
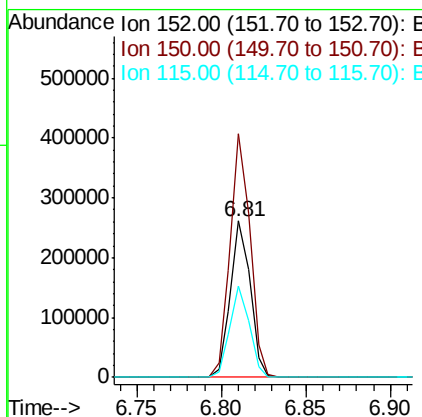
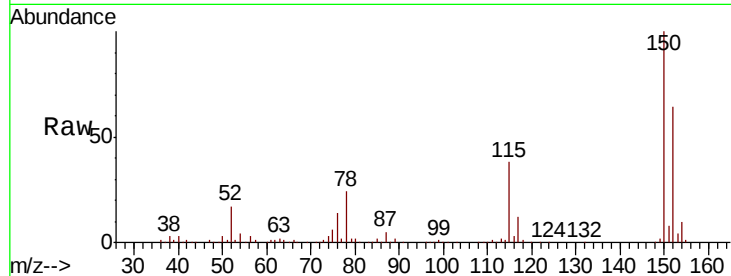
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF118826.D
Acq: 5 Feb 2020 13:17

Instrument :
BNA_F
ClientSampled :
TAL-2DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.6	185.4
115	58.8	48.2	72.2

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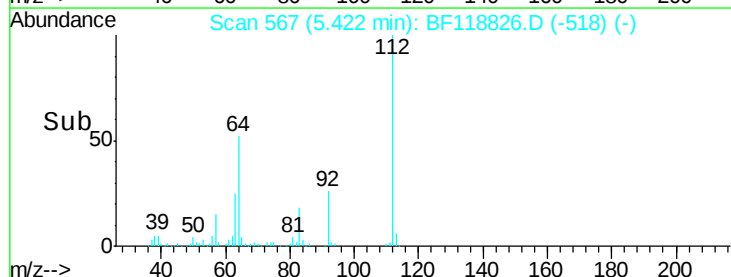
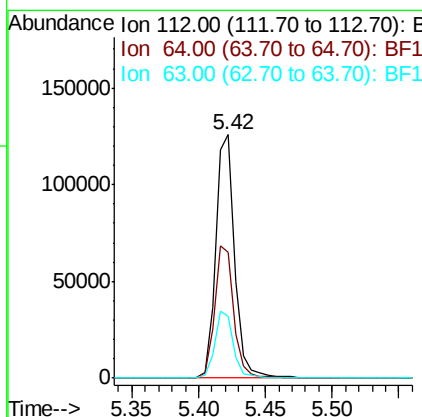
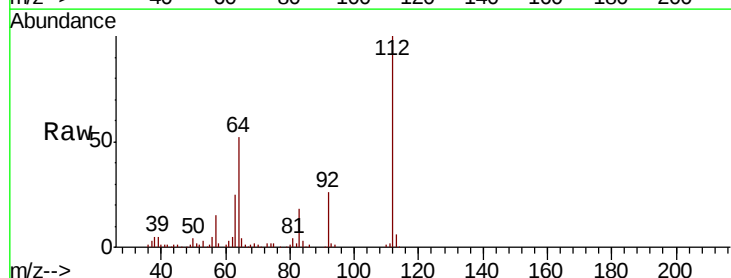
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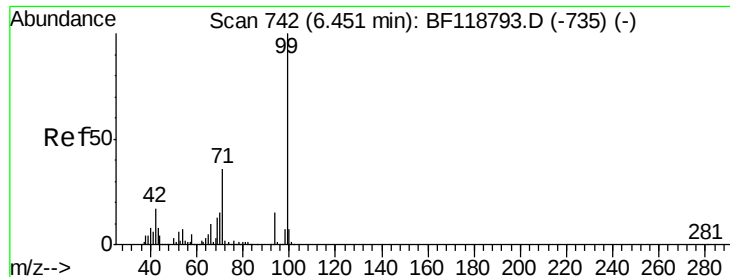


#5

2-Fluorophenol
Concen: 11.215 ng
RT: 5.42 min Scan# 567
Delta R.T. -0.01 min
Lab File: BF118826.D
Acq: 5 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.8	42.6	63.8
63	25.3	22.2	33.4





#7

Phenol-d6

Concen: 11.141 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF118826.D

Acq: 5 Feb 2020 13:17

Instrument :

BNA_F

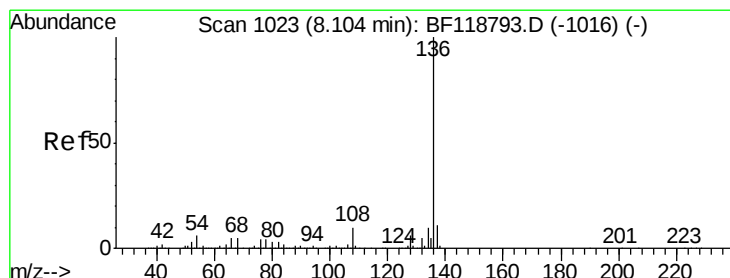
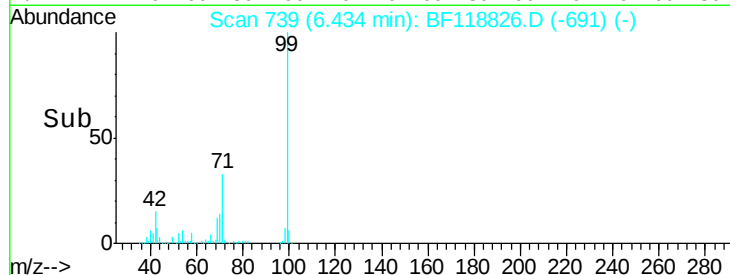
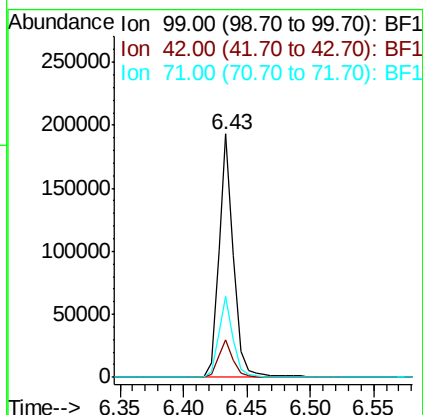
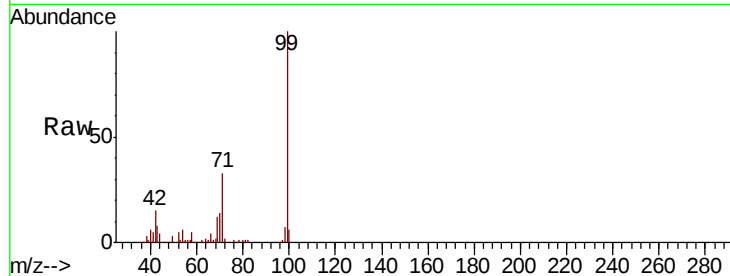
ClientSampled :

TAL-2DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		155920		
42	15.3	13.4	20.0		
71	33.1	29.0	43.6		

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#21

Naphthalene-d8

Concen: 20.000 ng

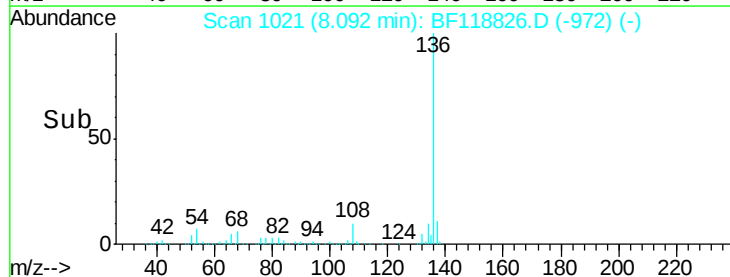
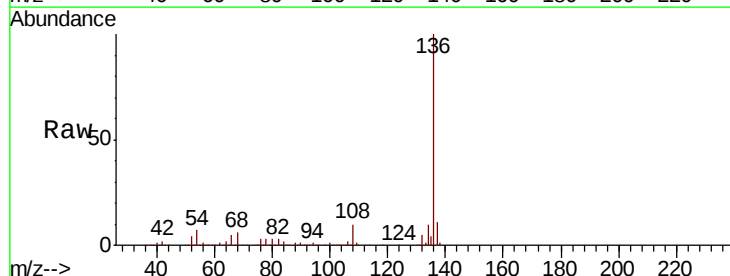
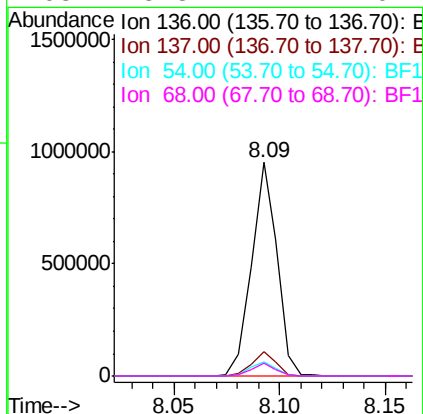
RT: 8.09 min Scan# 1021

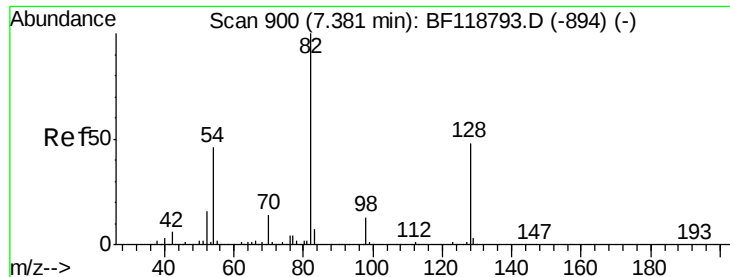
Delta R.T. -0.01 min

Lab File: BF118826.D

Acq: 5 Feb 2020 13:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		798581		
137	11.3	8.7	13.1		
54	6.7	5.0	7.6		
68	5.8	4.2	6.4		





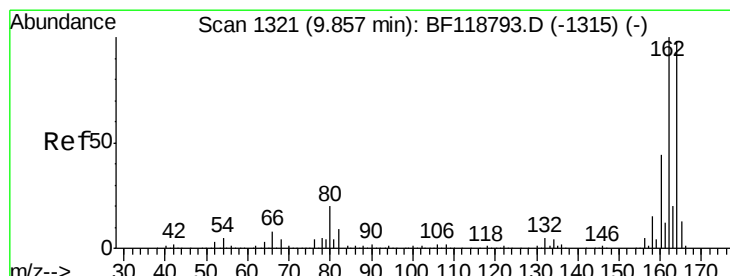
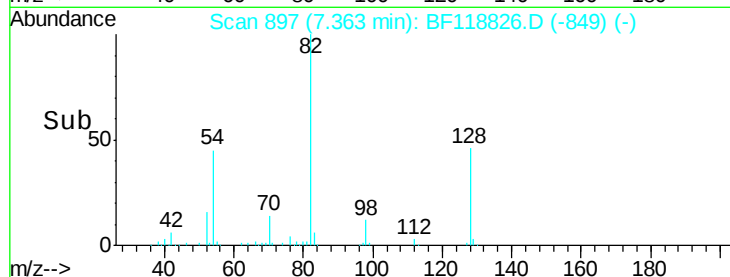
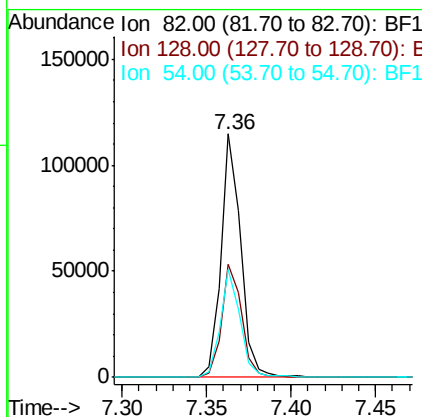
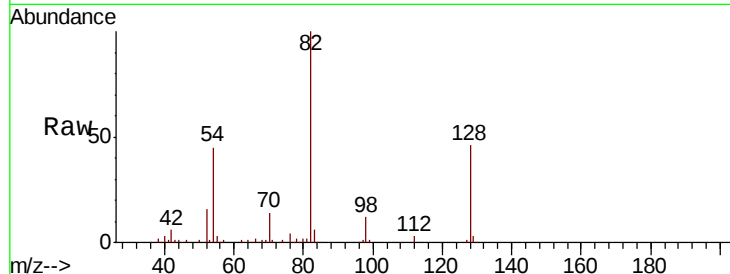
#23
Nitrobenzene-d5
Concen: 7.037 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF118826.D
Acq: 5 Feb 2020 13:17

Instrument :
BNA_F
ClientSampleId :
TAL-2DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	38.5	57.7
54	44.5	36.7	55.1

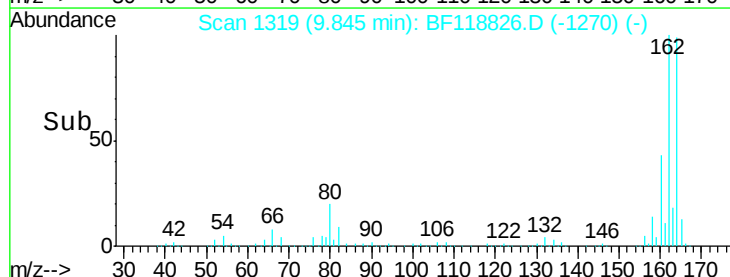
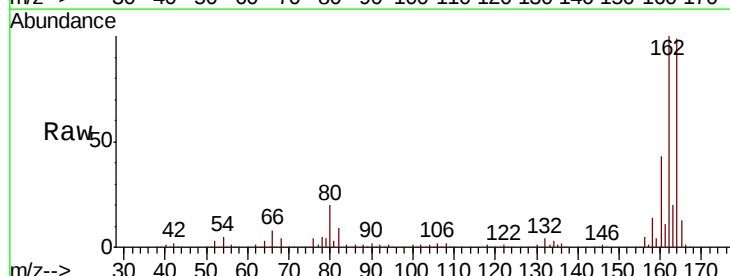
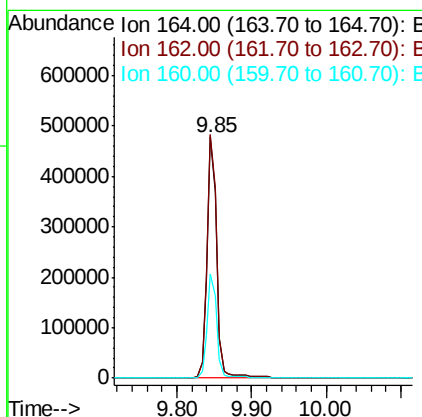
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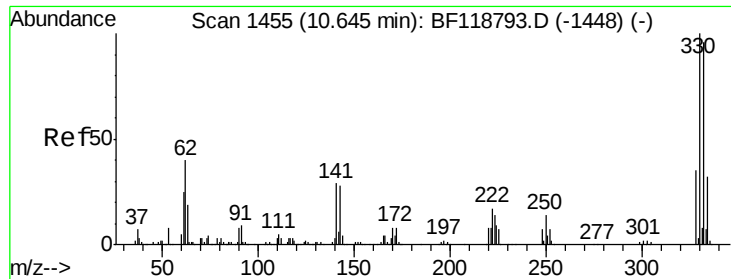
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF118826.D
Acq: 5 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	81.4	122.2
160	43.1	35.6	53.4





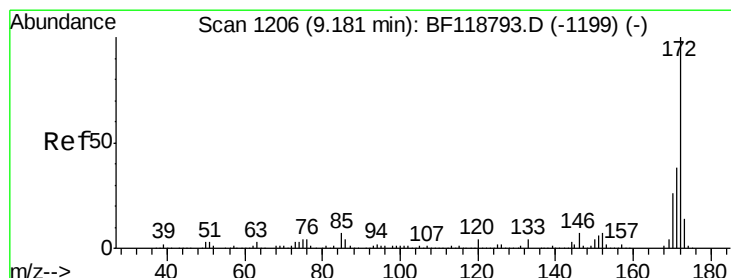
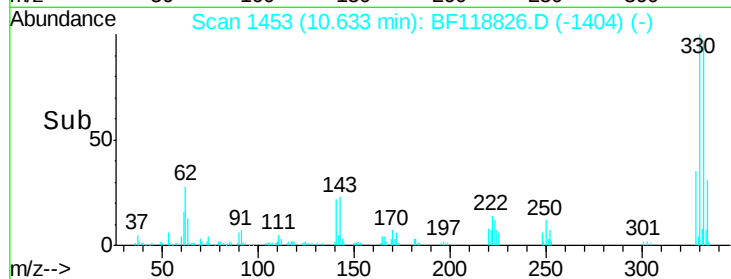
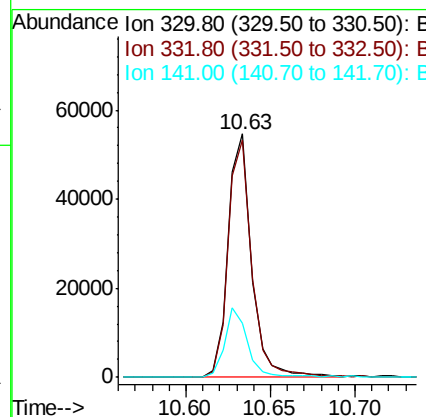
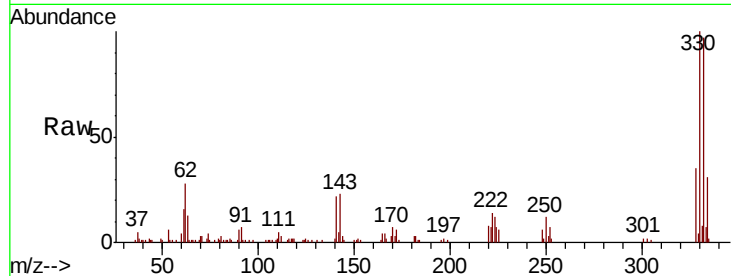
#42
 2,4,6-Tribromophenol
 Concen: 10.229 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF118826.D
 Acq: 5 Feb 2020 13:17

Instrument :
 BNA_F
 ClientSampleId :
 TAL-2DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.3	115.9
141	28.0	22.4	33.6

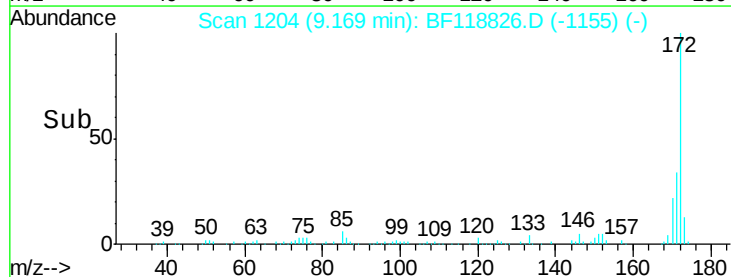
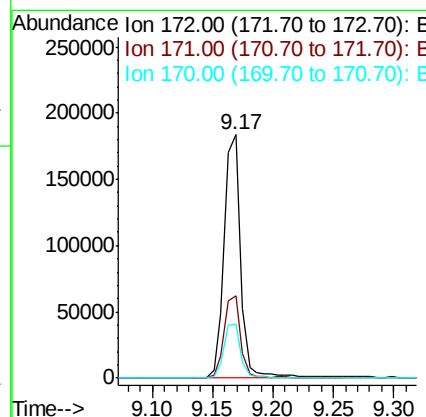
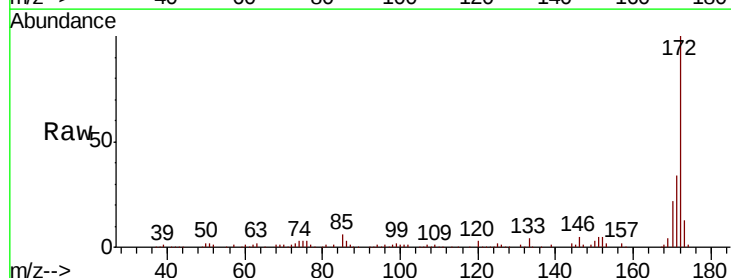
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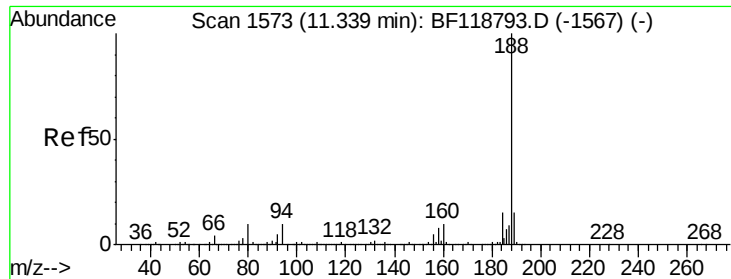
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#45
 2-Fluorobiphenyl
 Concen: 7.185 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF118826.D
 Acq: 5 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.8	46.2
170	22.0	20.5	30.7





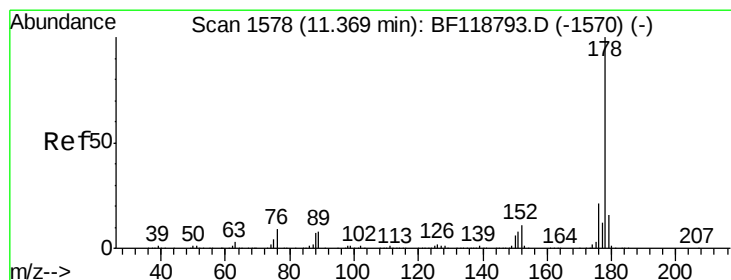
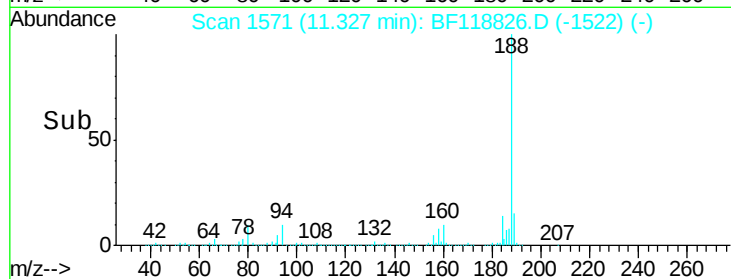
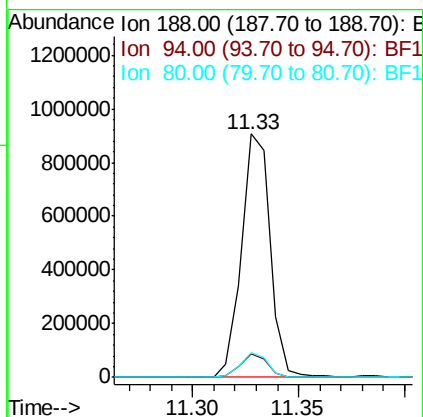
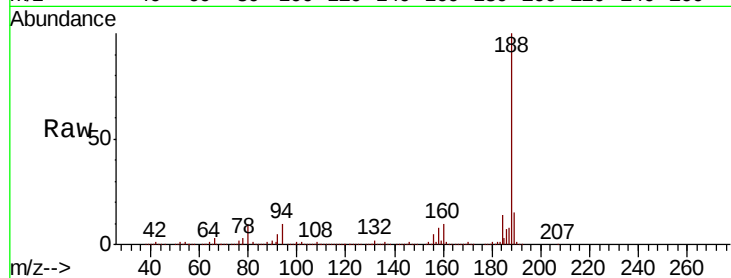
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF118826.D
Acq: 5 Feb 2020 13:17

Instrument :
BNA_F
ClientSampleId :
TAL-2DL

Tot Ion:	188	Resp:	854248
Ion Ratio	Lower	Upper	
188	100		
94	9.7	7.9	11.9
80	10.2	8.4	12.6

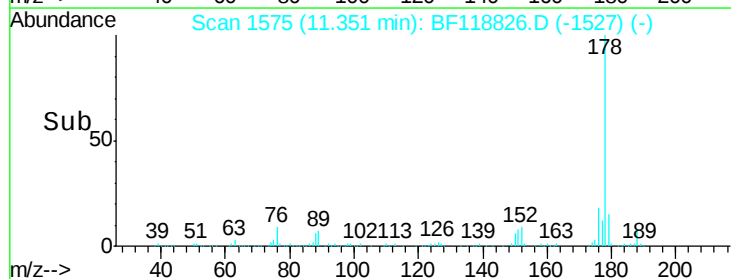
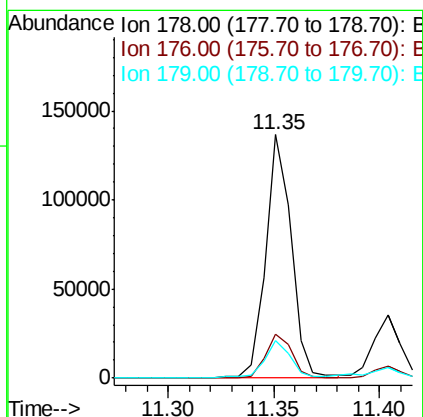
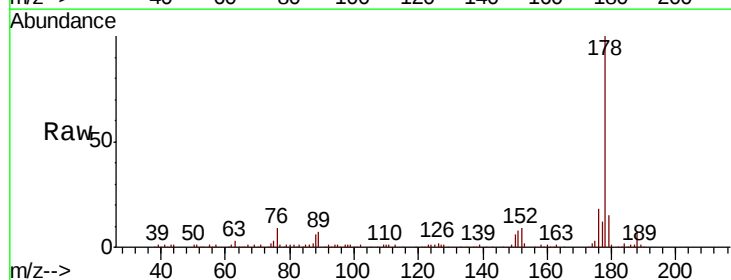
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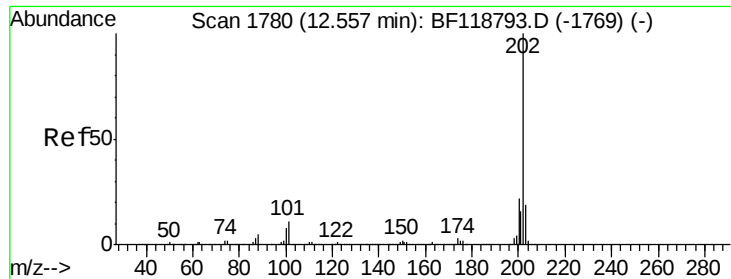
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#71
Phenanthrene
Concen: 2.747 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF118826.D
Acq: 5 Feb 2020 13:17

Tgt Ion:	178	Resp:	115439
Ion Ratio	Lower	Upper	
178	100		
176	18.2	16.6	24.8
179	15.2	13.2	19.8





#75

Fluoranthene

Concen: 5.098 ng

RT: 12.54 min Scan# 1777

Delta R.T. -0.02 min

Lab File: BF118826.D

Acq: 5 Feb 2020 13:17

Instrument :

BNA_F

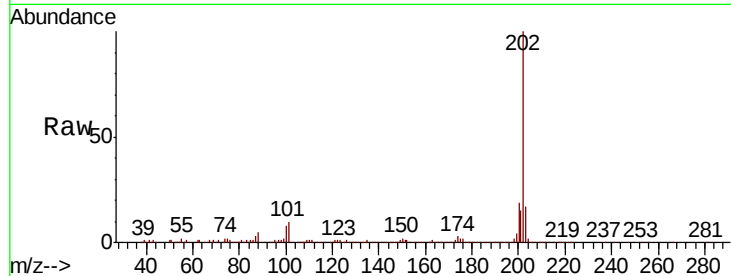
ClientSampleId :

TAL-2DL

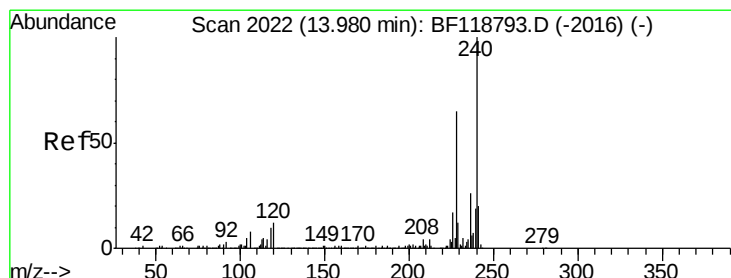
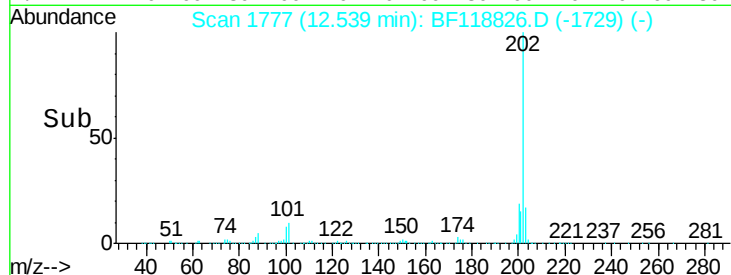
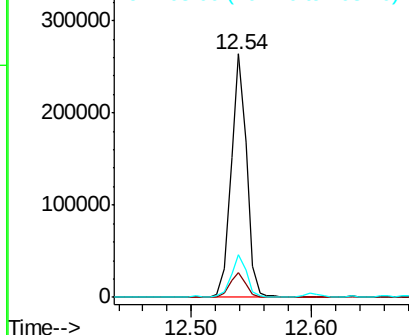
Tot Ion:	202	Resp:	233960
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	31.0
203	17.4	0.0	38.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

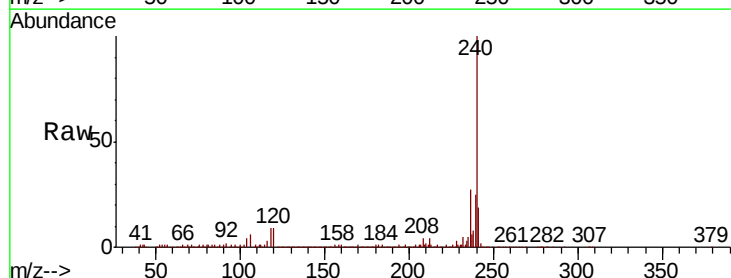
RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

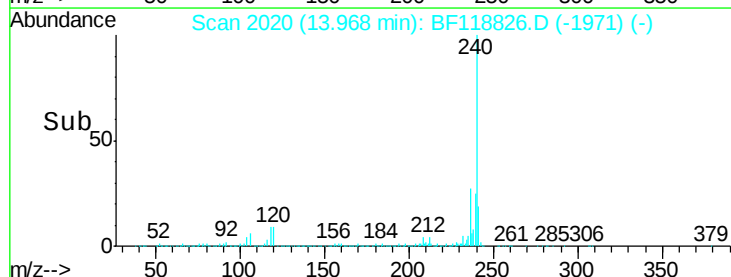
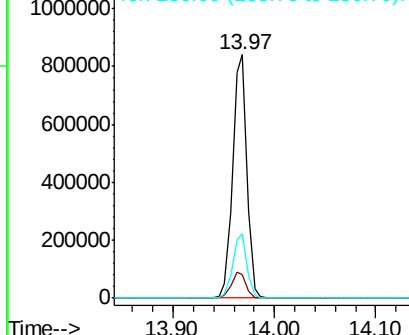
Lab File: BF118826.D

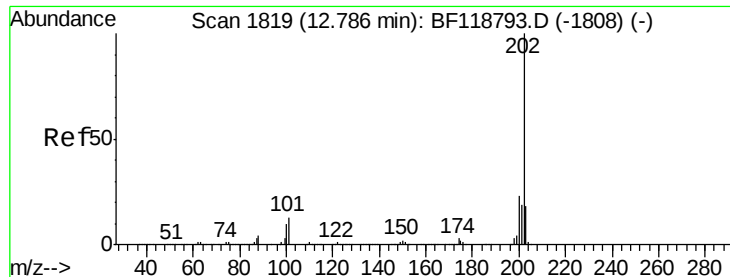
Acq: 5 Feb 2020 13:17

Tgt Ion:	240	Resp:	818708
Ion Ratio	Lower	Upper	
240	100		
120	9.5	9.4	14.0
236	26.6	21.0	31.6



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





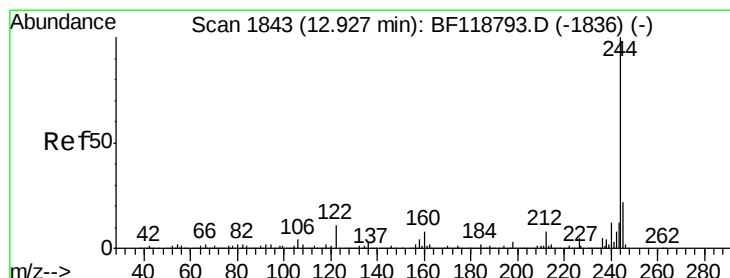
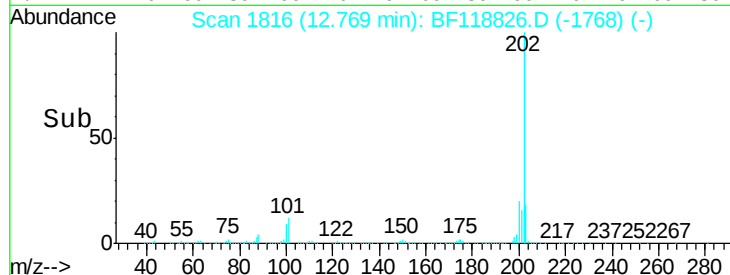
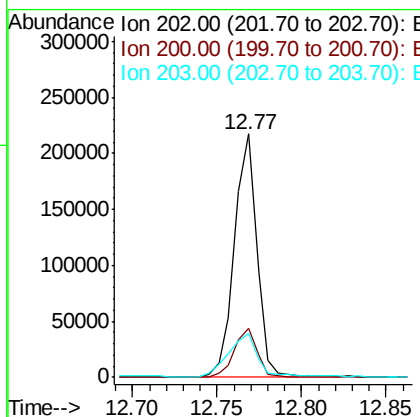
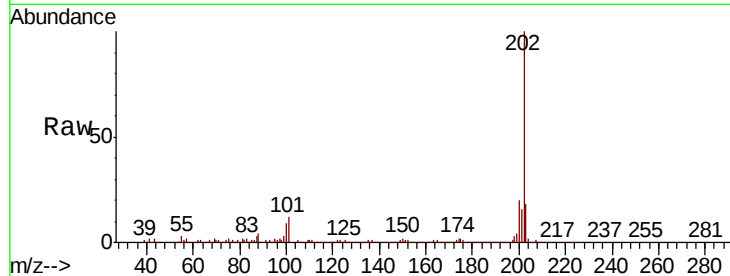
#78
Pvrene
Concen: 3.565 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF118826.D
Acq: 5 Feb 2020 13:17

Instrument :
BNA_F
ClientSampleId :
TAL-2DL

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	20.2	18.2	27.2
203	18.2	14.8	22.2

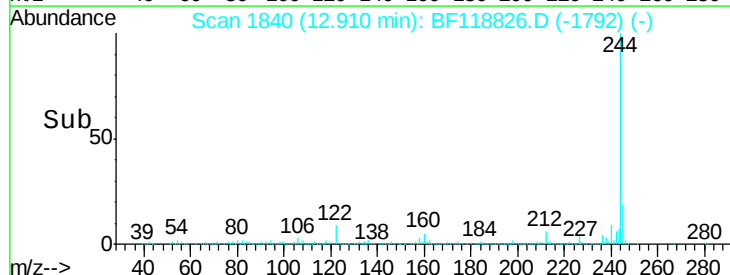
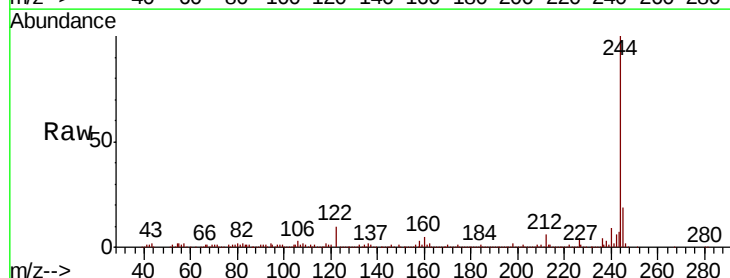
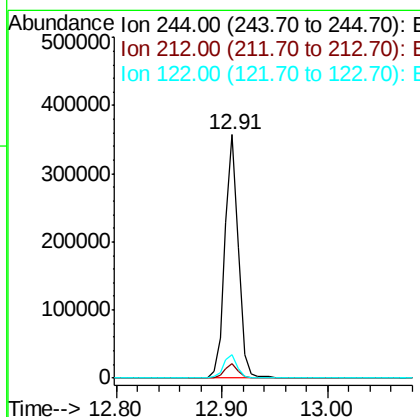
Manual Integrations
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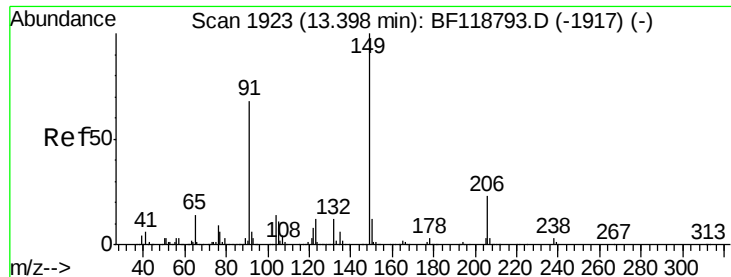
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#79
Terphenyl-d14
Concen: 7.934 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.02 min
Lab File: BF118826.D
Acq: 5 Feb 2020 13:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.0	6.5	9.7#
122	9.5	8.9	13.3





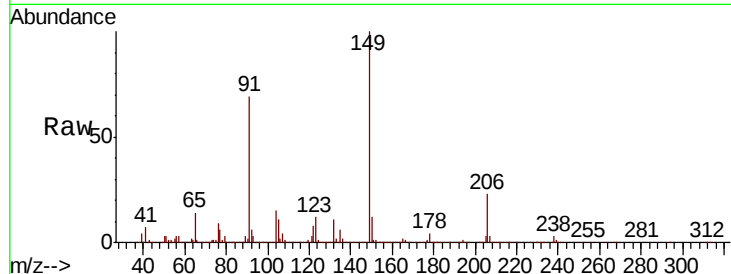
#80
Butylbenzylphthalate
Concen: 62.228 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF118826.D
Acq: 5 Feb 2020 13:17

Instrument :
BNA_F
ClientSampleId :
TAL-2DL

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.5	54.7	82.1
206	23.4	18.5	27.7

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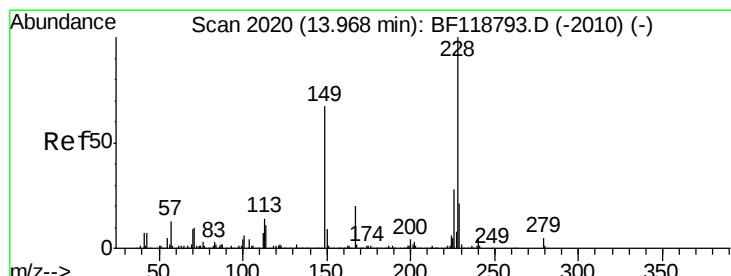
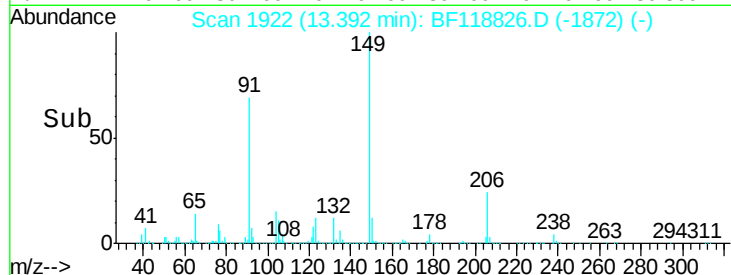
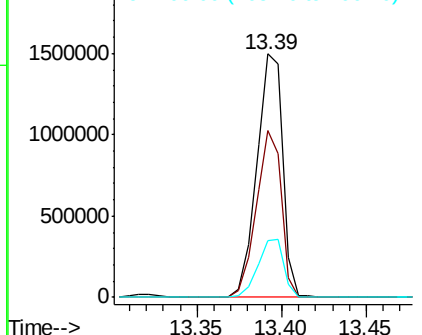


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



#81
Benzo(a)anthracene
Concen: 2.751 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118826.D
Acq: 5 Feb 2020 13:17

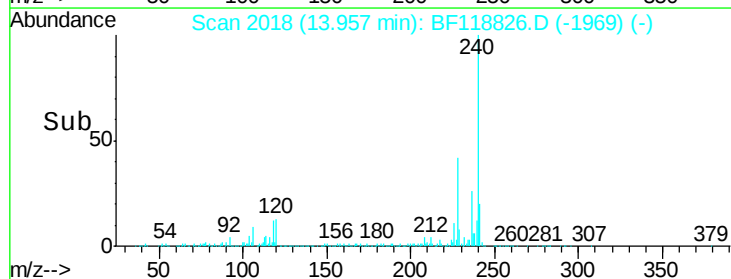
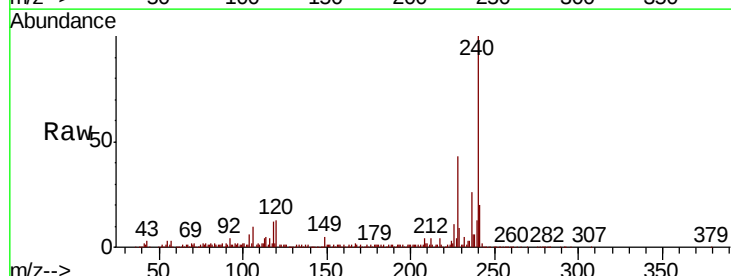
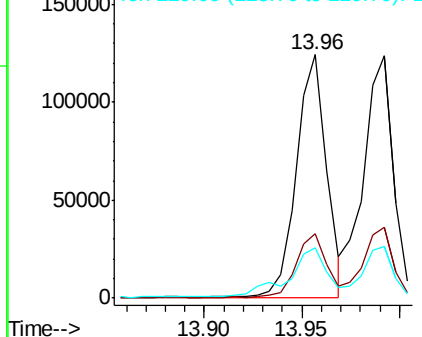
Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.7	34.1
229	20.5	16.6	25.0

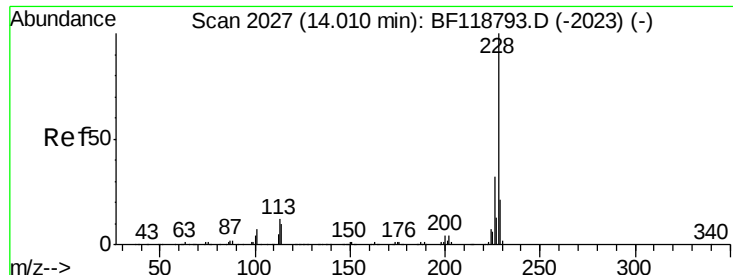
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





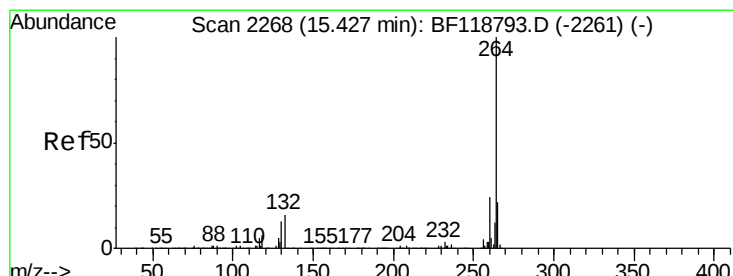
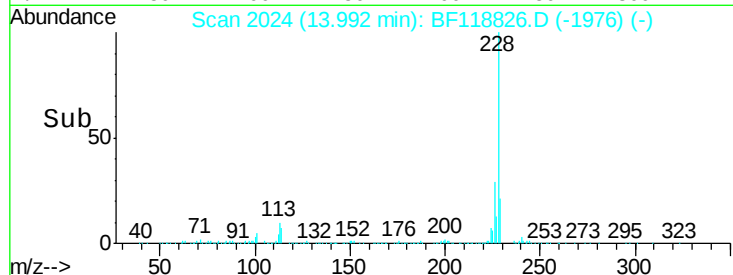
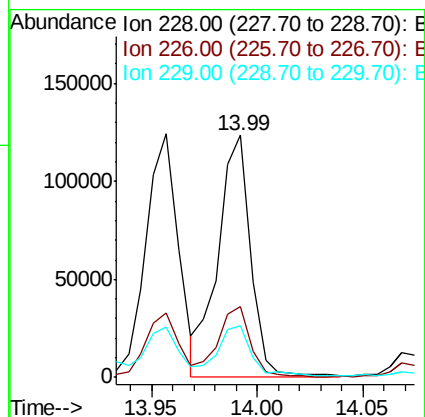
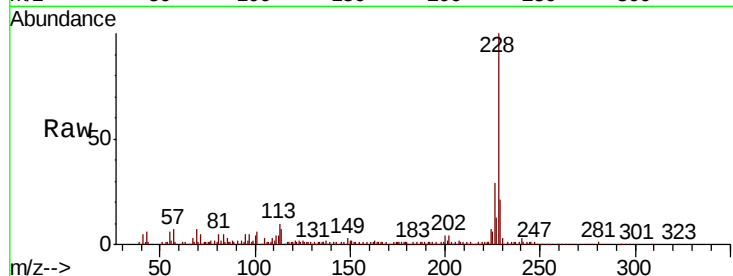
#83
Chrysene
Concen: 2.706 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF118826.D
Acq: 5 Feb 2020 13:17

Instrument :
BNA_F
ClientSampleId :
TAL-2DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100				
226	29.0	25.4	38.0		
229	21.3	16.9	25.3		

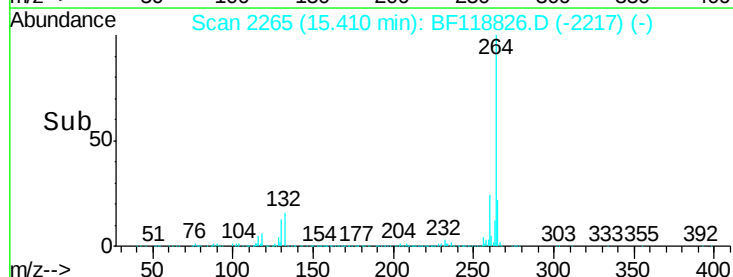
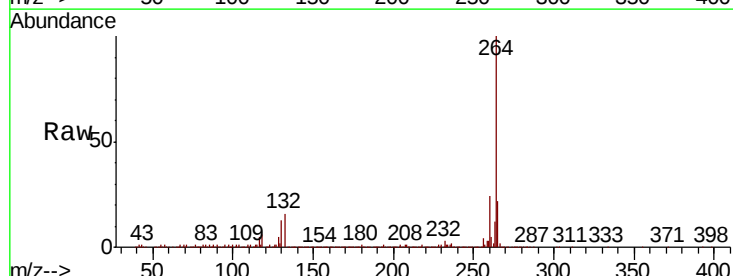
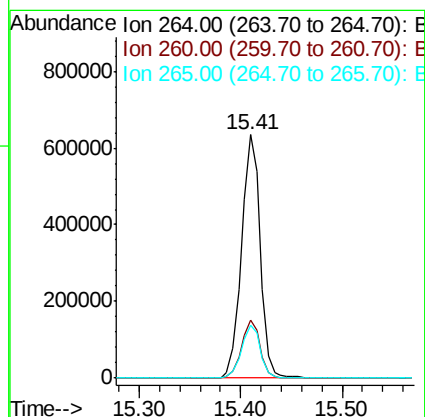
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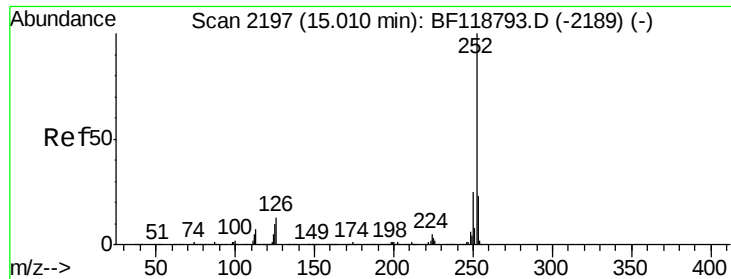
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF118826.D
Acq: 5 Feb 2020 13:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.9	19.1	28.7		
265	21.8	17.2	25.8		





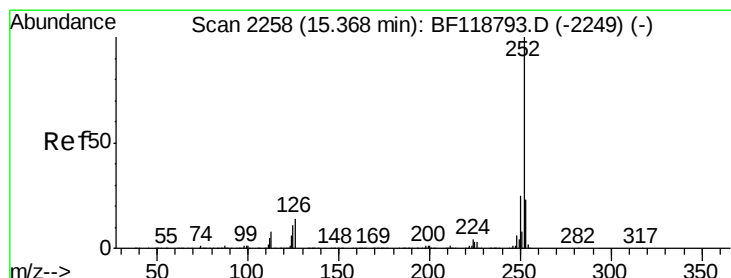
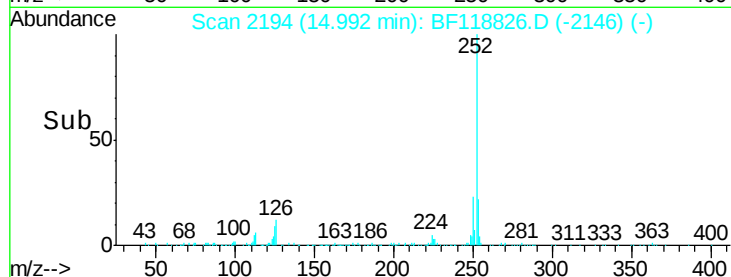
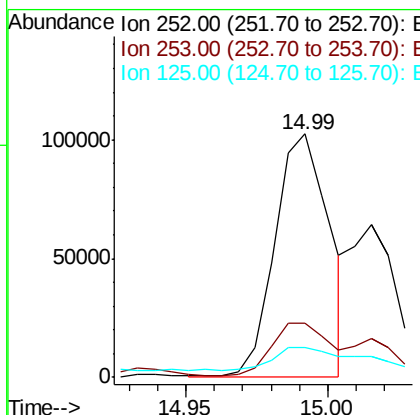
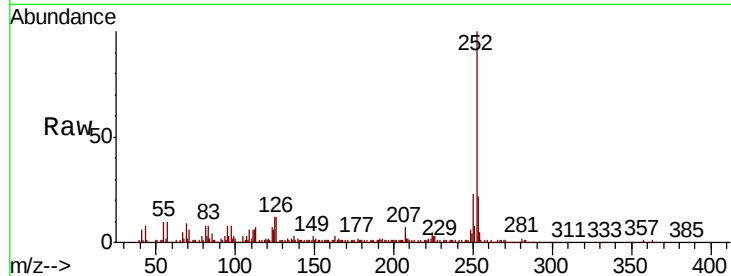
#88
Benzo(b)fluoranthene
Concen: 2.740 ng m
RT: 14.99 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BF118826.D
Acq: 5 Feb 2020 13:17

Instrument :
BNA_F
ClientSampled :
TAL-2DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	12.1	8.1	12.1#

Manual Integrations
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#90
Benzo(a)pyrene
Concen: 2.172 ng
RT: 15.34 min Scan# 2254
Delta R.T. -0.02 min
Lab File: BF118826.D
Acq: 5 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	14.3	8.7	13.1#

