

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
 Data File : BF112731.D
 Acq On : 27 Feb 2019 20:54
 Operator : JU/SJ
 Sample : K1350-15 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-022619-C

Manual Integrations
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 2/28/2019 12:47:14 PM

Quant Time: Feb 28 03:18:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 27 16:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	175096	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	623380	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	254922	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	508509	20.00	ng	0.00
76) Chrysene-d12	13.87	240	508307	20.00	ng	0.00
87) Perylene-d12	15.27	264	371777	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	243955	21.67	ng	-0.01
7) Phenol-d6	6.36	99	300966	21.29	ng	-0.01
23) Nitrobenzene-d5	7.29	82	153586	14.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	57277	21.16	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	258990	5.03	ng	0.00
79) Terphenyl-d14	12.83	244	292126	11.14	ng	0.00
Target Compounds						
75) Fluoranthene	12.45	202	86383	3.187	ng	Qvalue 98
88) Benzo(b)fluoranthene	14.87	252	65978m	2.744	ng	

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

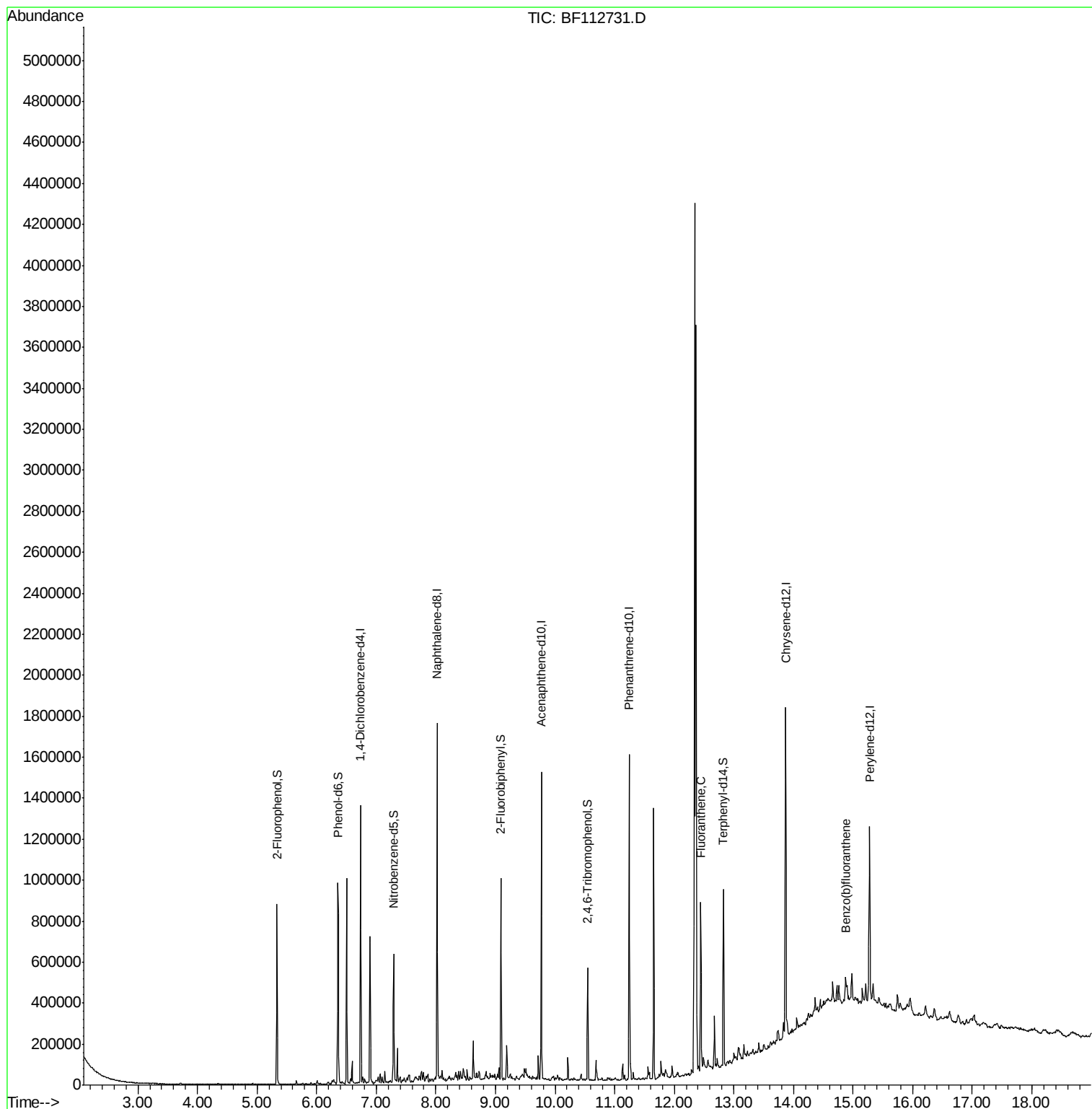
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022719\
Data File : BF112731.D
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Sample : K1350-15 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

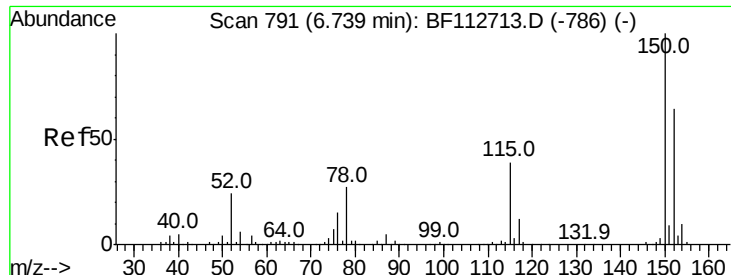
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#1

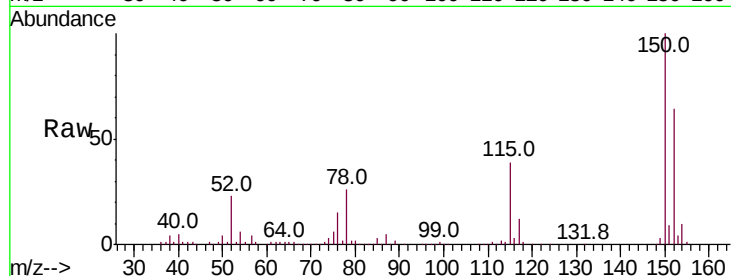
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF112731.D
Acq: 27 Feb 2019 20:54

Instrument :
BNA_F
ClientSampleId :
EO-01-022619-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.2	186.2
115	60.5	48.2	72.4

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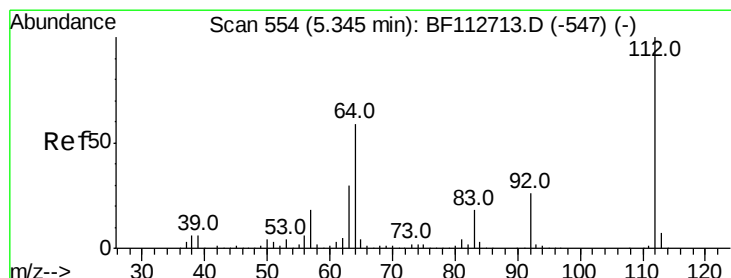
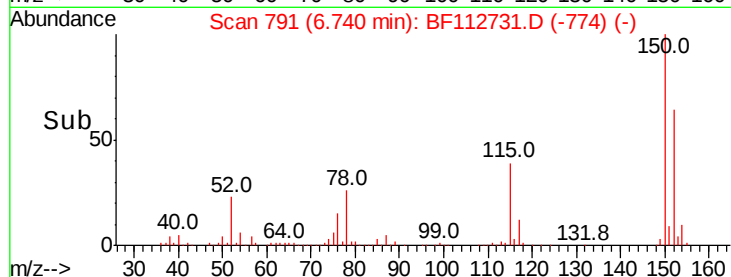
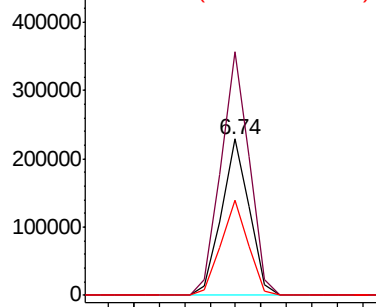


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

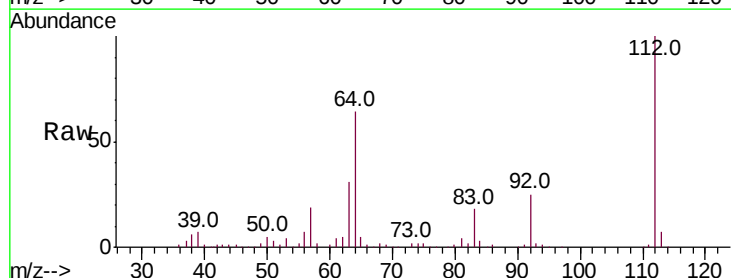
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 21.673 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF112731.D
Acq: 27 Feb 2019 20:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	47.6	71.4
63	30.9	24.4	36.6

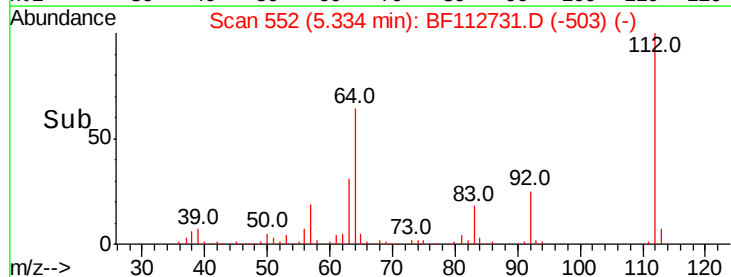
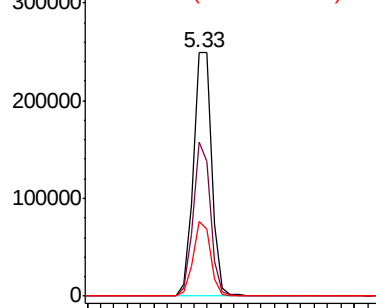


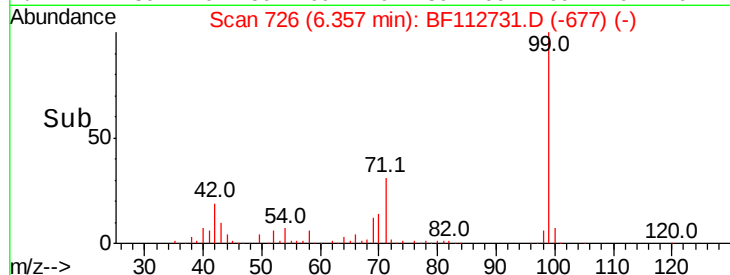
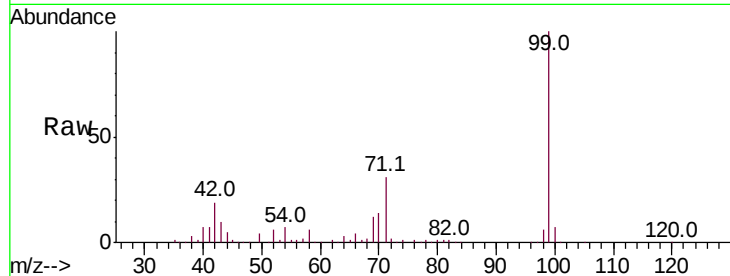
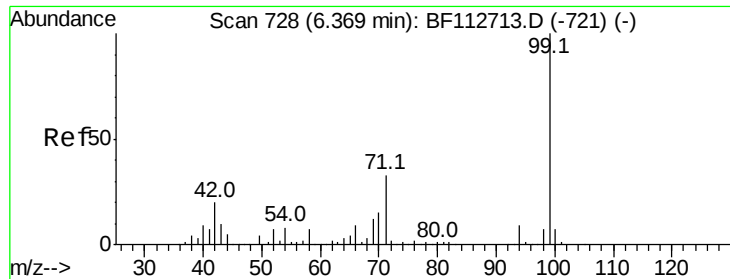
Abundance

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: 21.285 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF112731.D

Acq: 27 Feb 2019 20:54

Tot Ion:	99	Resp:	300966
Ion Ratio	Lower	Upper	
99	100		
42	19.2	16.3	24.5
71	30.9	26.2	39.4

Instrument :

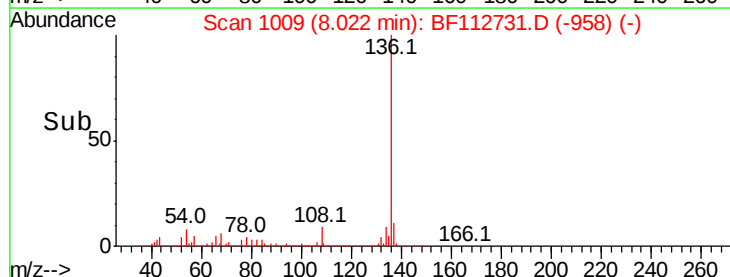
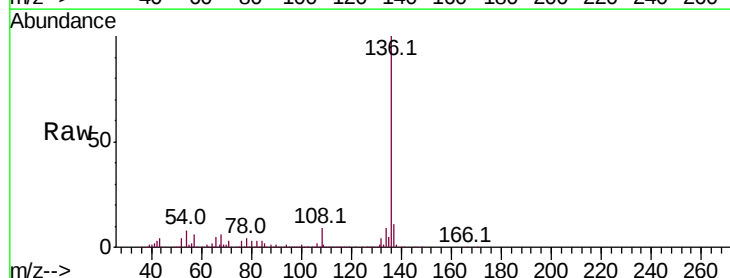
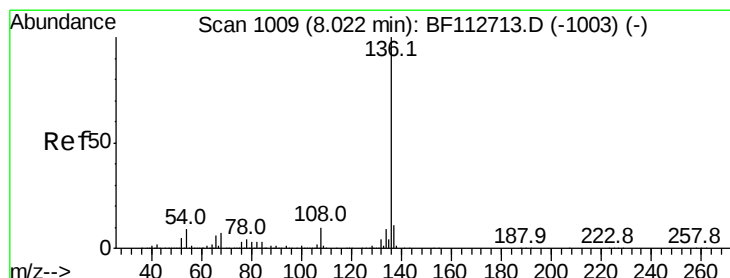
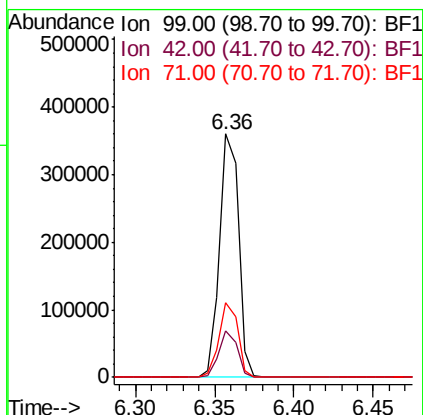
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#21

Naphthalene-d8

Concen: 20.000 ng

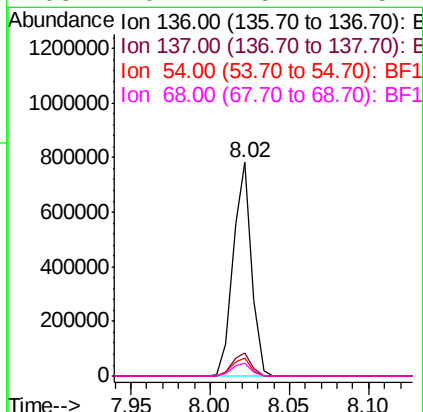
RT: 8.02 min Scan# 1009

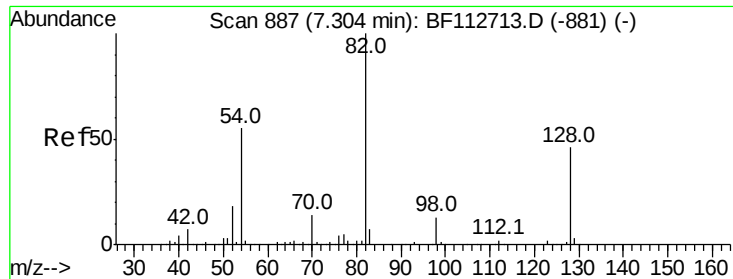
Delta R.T. 0.00 min

Lab File: BF112731.D

Acq: 27 Feb 2019 20:54

Tgt Ion:	136	Resp:	623380
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	8.4	7.3	10.9
68	6.1	5.4	8.2





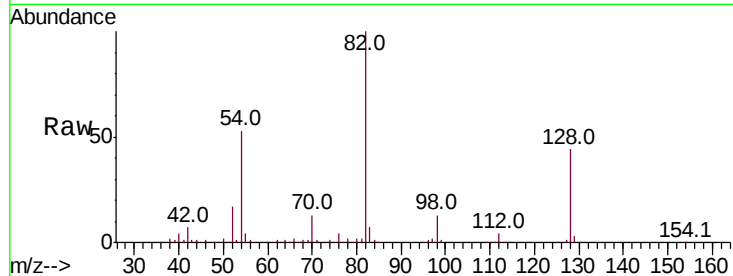
#23
Nitrobenzene-d5
Concen: 14.743 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF112731.D
Acq: 27 Feb 2019 20:54

Instrument :
BNA_F
ClientSampleId :
EO-01-022619-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.3	54.5
54	53.1	43.7	65.5

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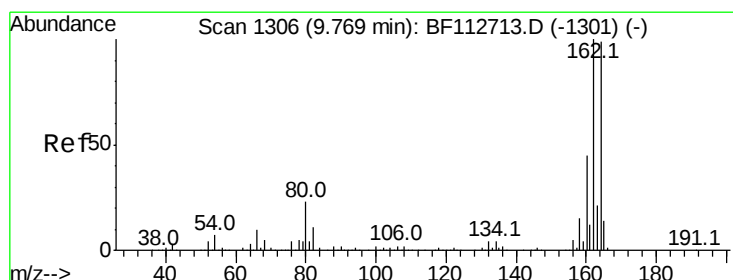
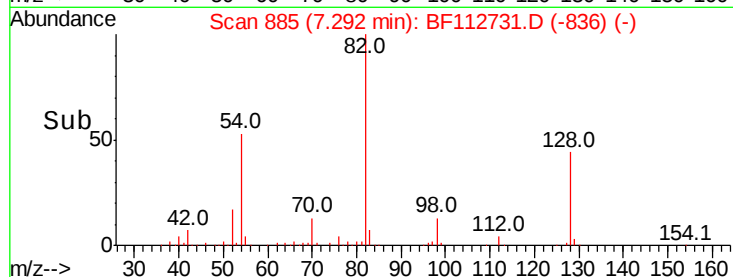
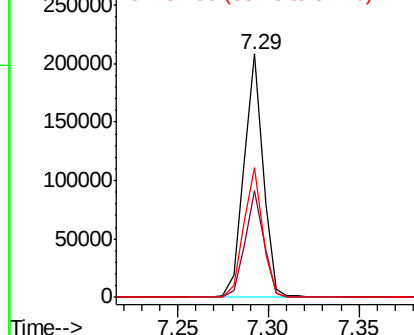


Abundance

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: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF112731.D
Acq: 27 Feb 2019 20:54

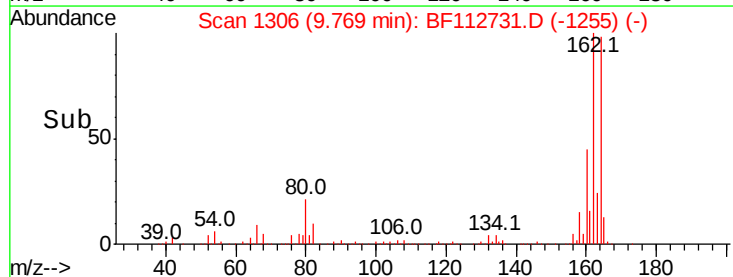
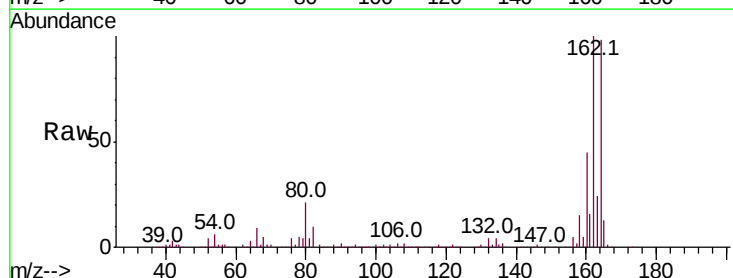
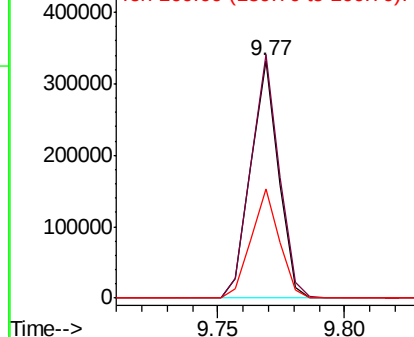
Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.6	120.8
160	45.8	36.0	54.0

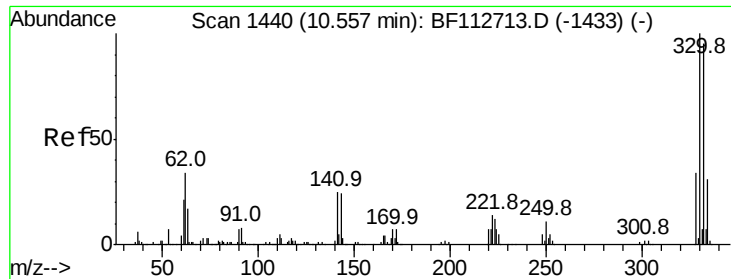
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





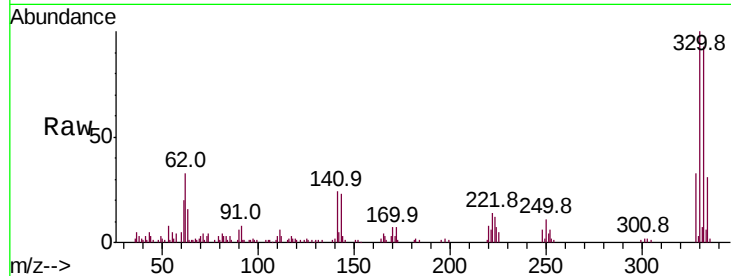
#42
 2,4,6-Tribromophenol
 Concen: 21.164 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF112731.D
 Acq: 27 Feb 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-022619-C

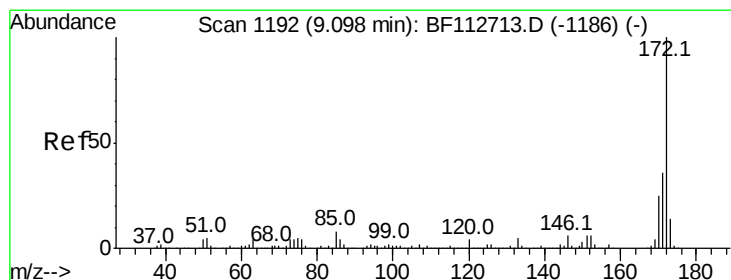
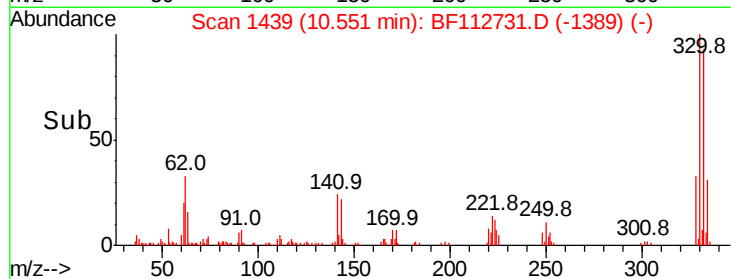
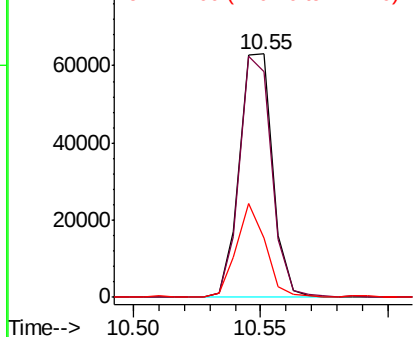
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.4
141	33.7	27.0	40.6

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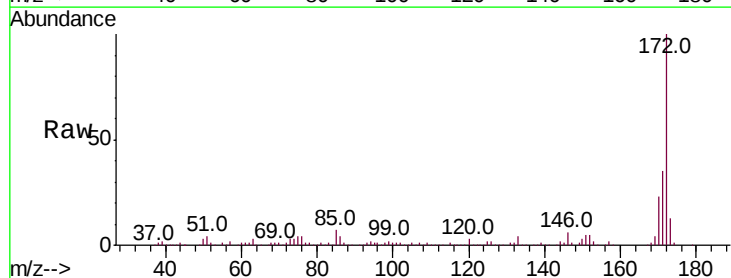


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

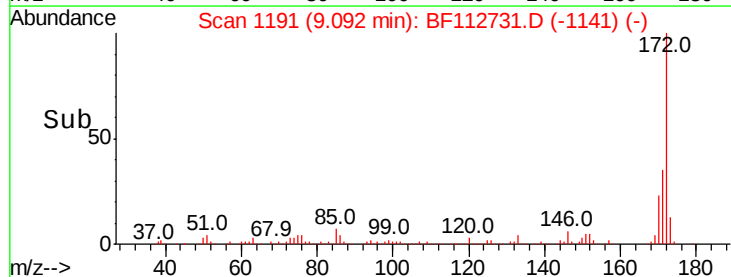
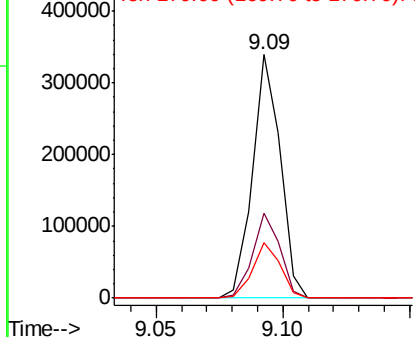


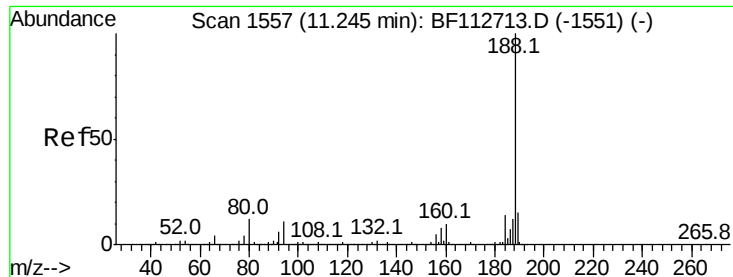
#45
 2-Fluorobiphenyl
 Concen: 5.030 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF112731.D
 Acq: 27 Feb 2019 20:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.0	43.4
170	22.8	20.0	30.0



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





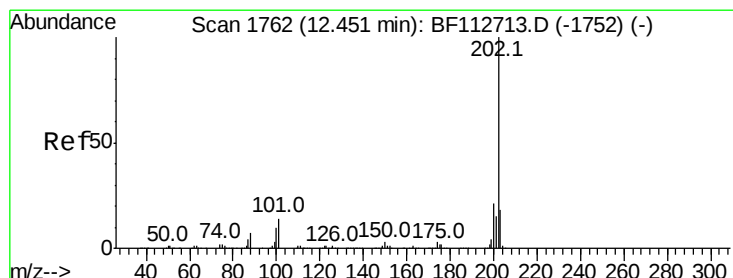
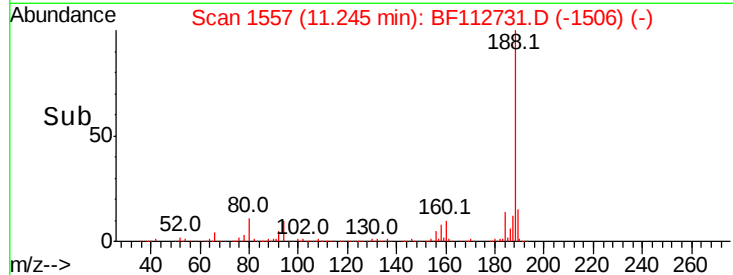
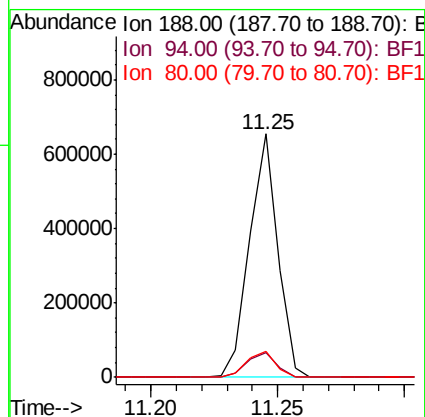
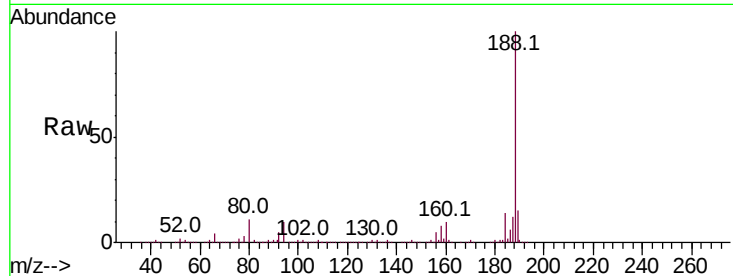
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF112731.D
Acq: 27 Feb 2019 20:54

Instrument :
BNA_F
ClientSampleId :
EO-01-022619-C

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.2	9.0	13.4	
80	10.7	9.2	13.8	

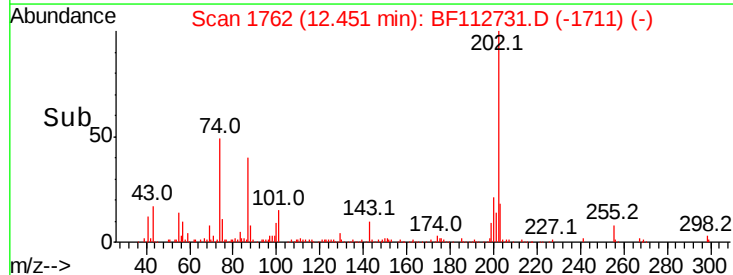
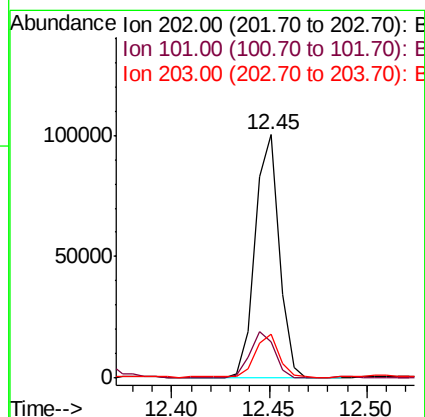
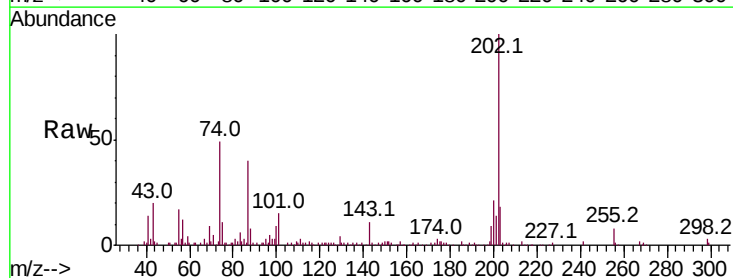
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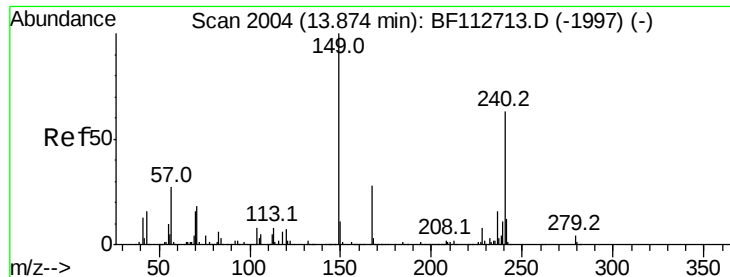
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#75
Fluoranthene
Concen: 3.187 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF112731.D
Acq: 27 Feb 2019 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	15.0	0.0	33.8	
203	18.1	0.0	38.4	





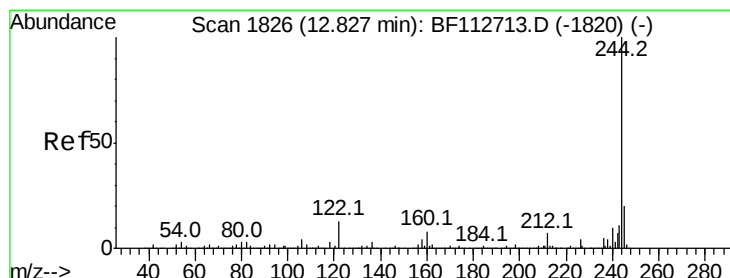
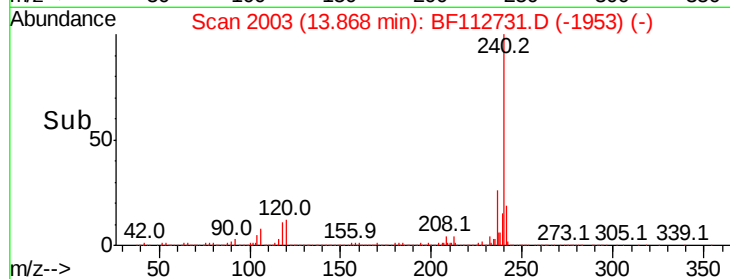
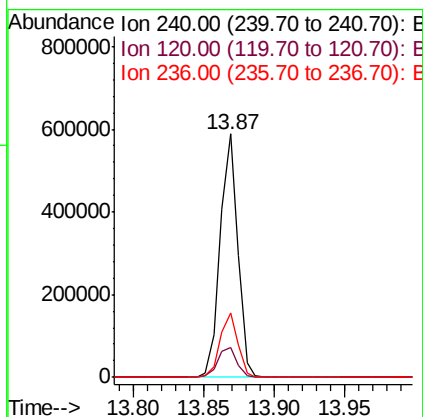
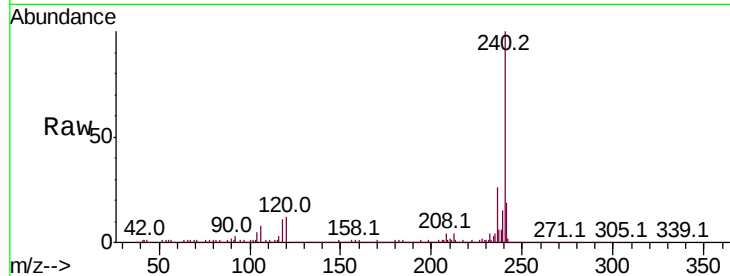
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF112731.D
 Acq: 27 Feb 2019 20:54

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-022619-C

Tot Ion	Ratio	Resp Lower	Upper
240	100		
120	12.2	8.9	13.3
236	26.3	20.7	31.1

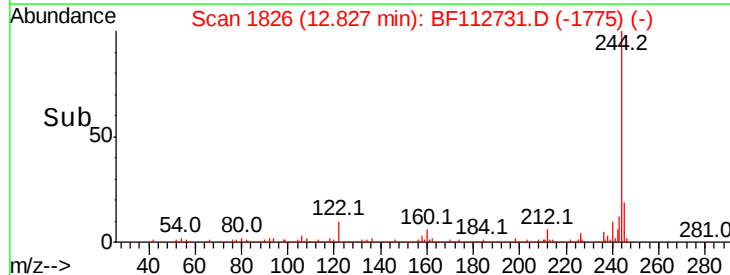
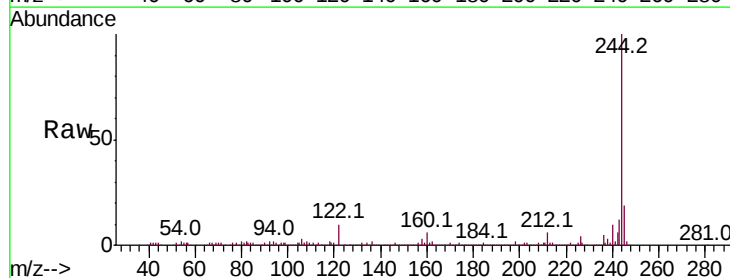
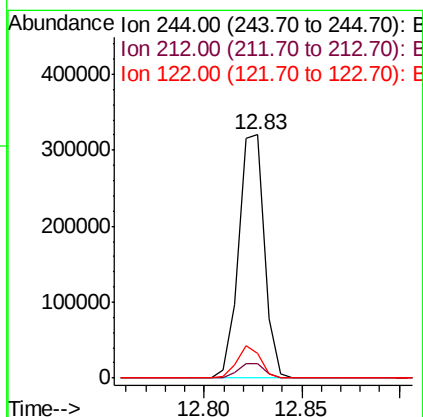
Manual Integrations
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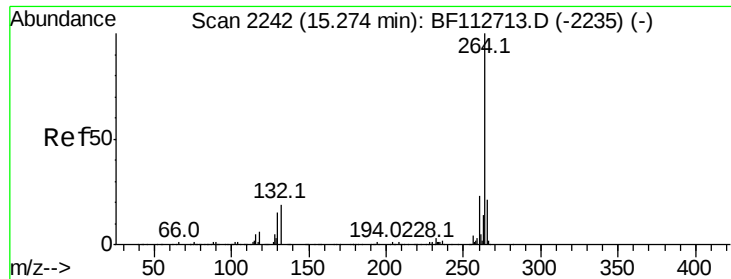
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#79
 Terphenyl-d14
 Concen: 11.141 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: BF112731.D
 Acq: 27 Feb 2019 20:54

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.0	5.6	8.4
122	10.3	10.5	15.7#





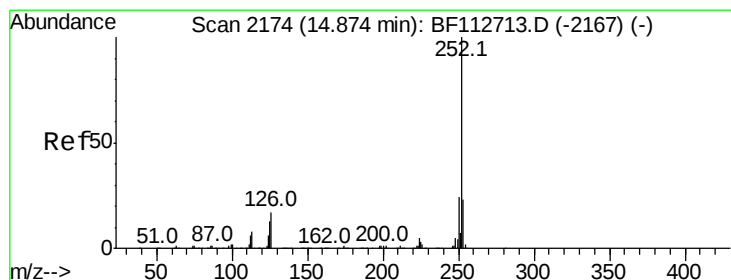
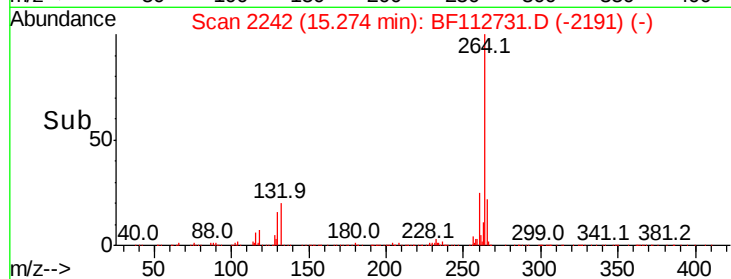
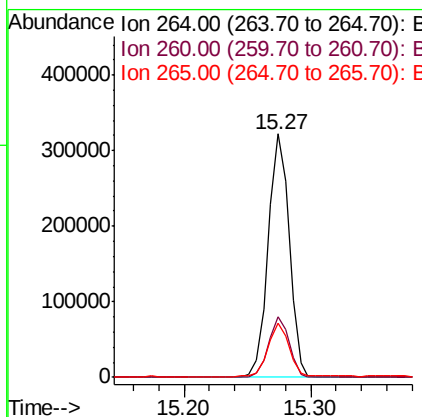
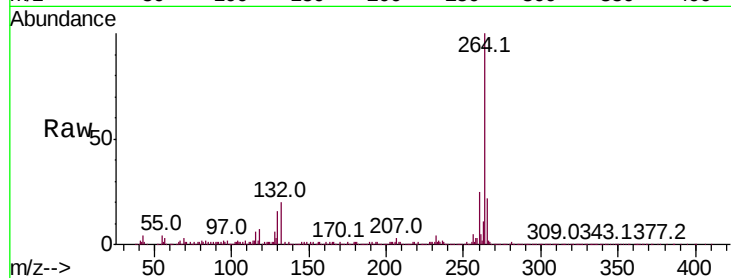
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.00 min
Lab File: BF112731.D
Acq: 27 Feb 2019 20:54

Instrument :
BNA_F
ClientSampleId :
EO-01-022619-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.7	28.1
265	22.0	17.2	25.8

Manual Integrations
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#88
Benzo(b)fluoranthene
Concen: 2.744 ng m
RT: 14.87 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BF112731.D
Acq: 27 Feb 2019 20:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.0	27.0
125	17.9	10.2	15.2#

