

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113211.D
 Acq On : 21 Mar 2019 16:30
 Operator : JU/SJ
 Sample : K1694-01 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-032019-A

Manual Integrations
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Quant Time: Mar 22 01:19:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	154883	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	618120	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	289736	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	555815	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	405619	20.00	ng	0.00
87) Perylene-d12	15.27	264	389047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	82838	8.32	ng	-0.01
7) Phenol-d6	6.36	99	119181	9.53	ng	-0.01
23) Nitrobenzene-d5	7.28	82	61468	5.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	32632	10.61	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	135783	4.88	ng	-0.01
79) Terphenyl-d14	12.82	244	122489	5.85	ng	0.00
Target Compounds						
71) Phenanthrene	11.26	178	67412	2.438	ng	99
75) Fluoranthene	12.45	202	107368	3.624	ng	95
78) Pyrene	12.67	202	97078	2.839	ng	99
88) Benzo(b)fluoranthene	14.87	252	52581m	2.089	ng	

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

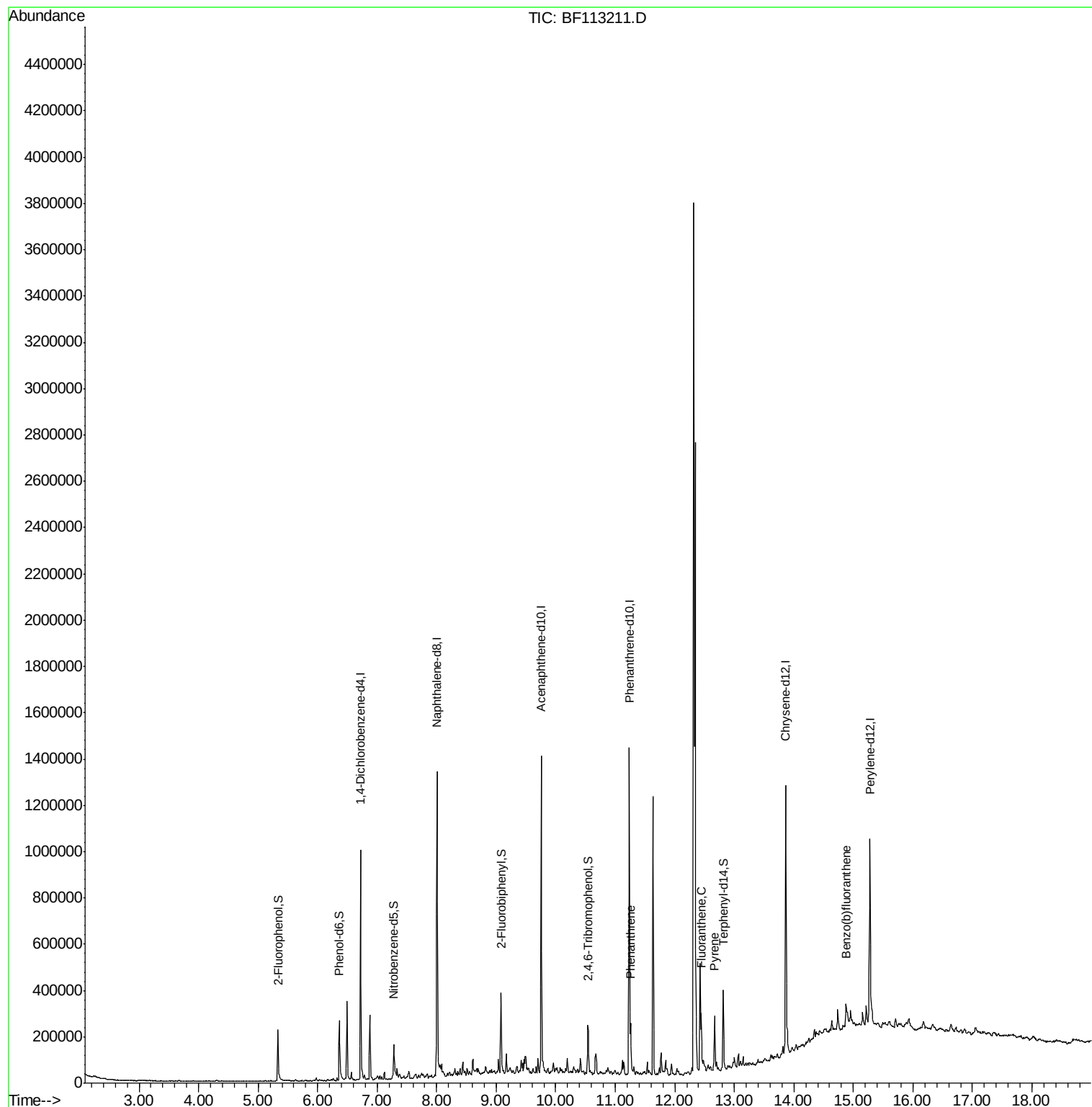
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113211.D
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ALS Vial : 14 Sample Multiplier: 1

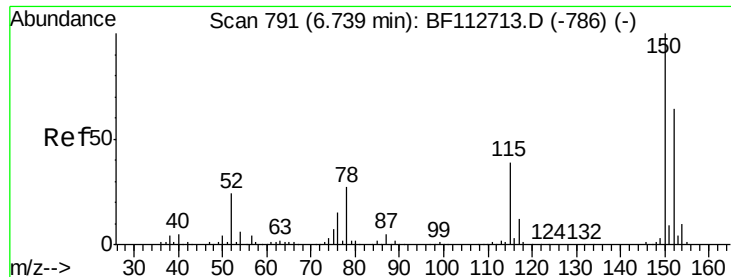
Instrument :
BNA_F
ClientSampleId :
EO-02-032019-A

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

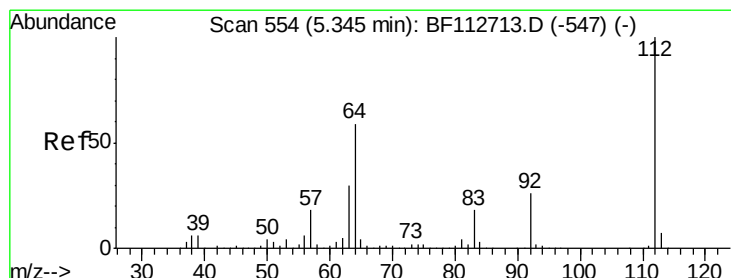
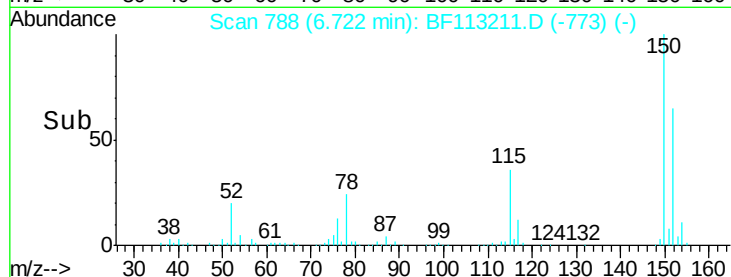
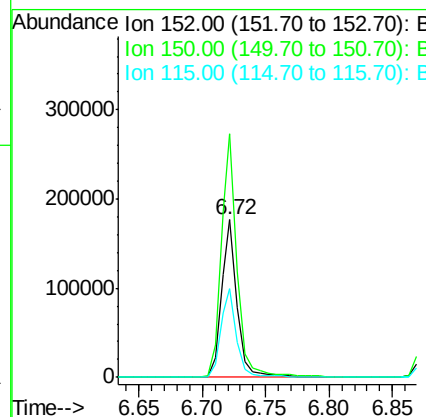
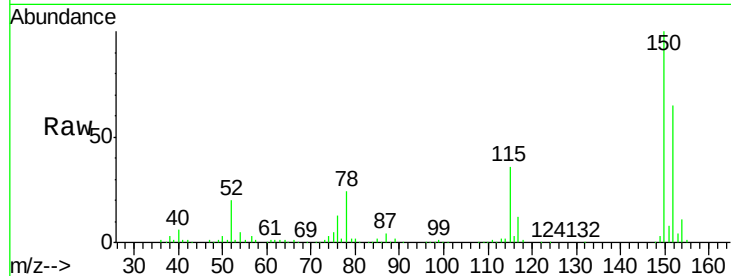
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113211.D
Acq: 21 Mar 2019 16:30

Instrument :
BNA_F
ClientSampleId :
EO-02-032019-A

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.2	186.2
115	56.3	48.2	72.4

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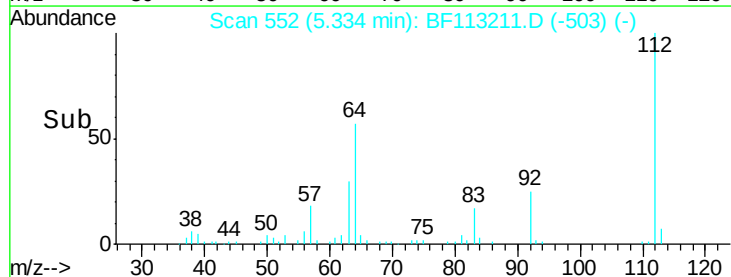
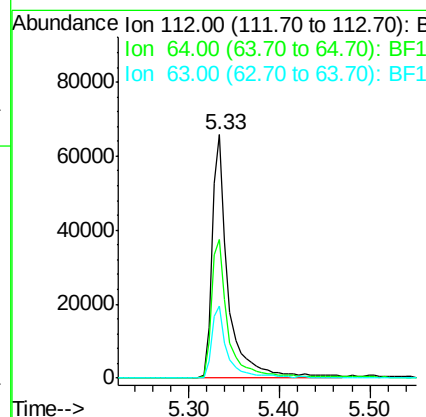
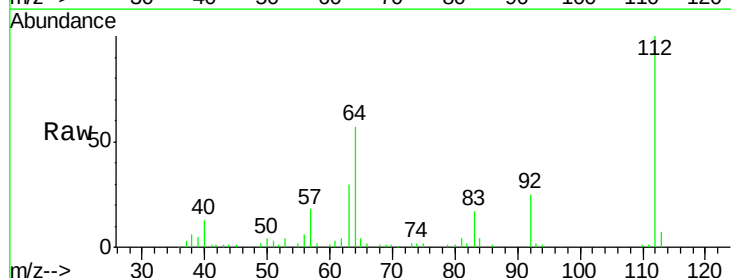
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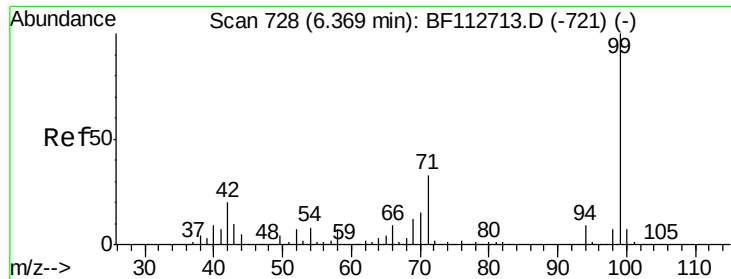


#5

2-Fluorophenol
Concen: 8.320 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113211.D
Acq: 21 Mar 2019 16:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.6	71.4
63	29.7	24.4	36.6





#7

Phenol-d6

Concen: 9.529 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113211.D

Acq: 21 Mar 2019 16:30

Instrument :

BNA_F

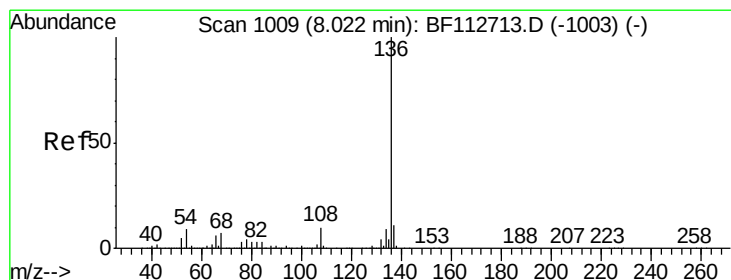
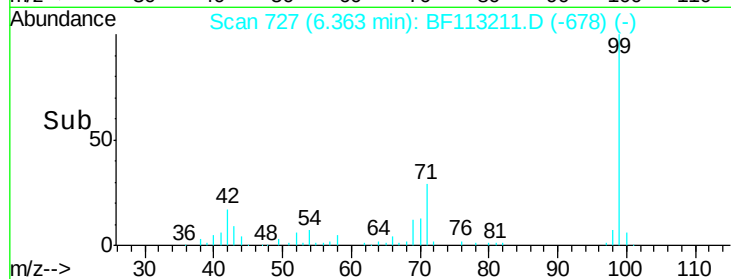
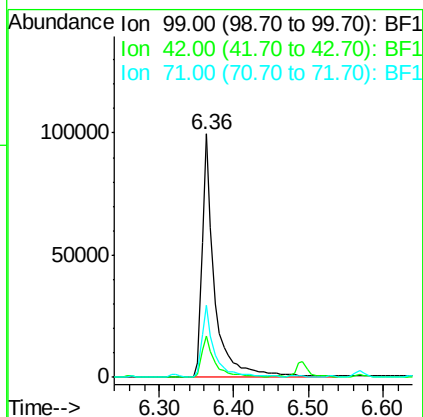
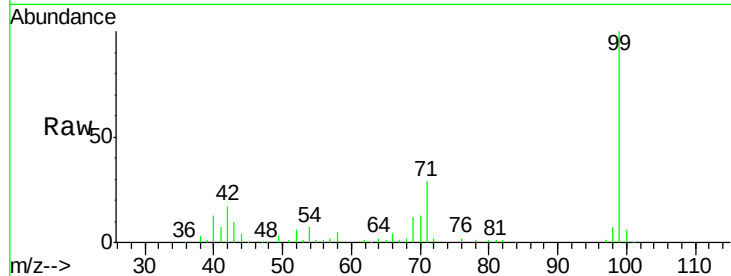
ClientSampled :

EO-02-032019-A

Tgt Ion:	99	Resp:	119181
Ion Ratio	Lower	Upper	
99	100		
42	17.0	16.3	24.5
71	29.4	26.2	39.4

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#21

Naphthalene-d8

Concen: 20.000 ng

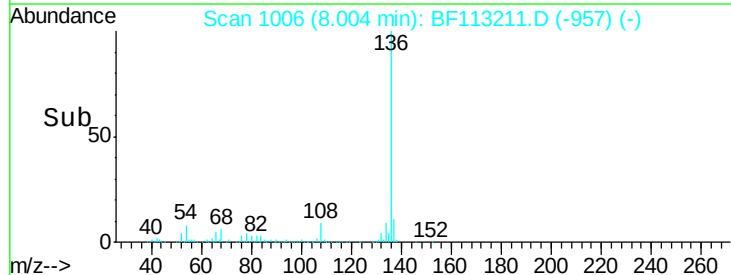
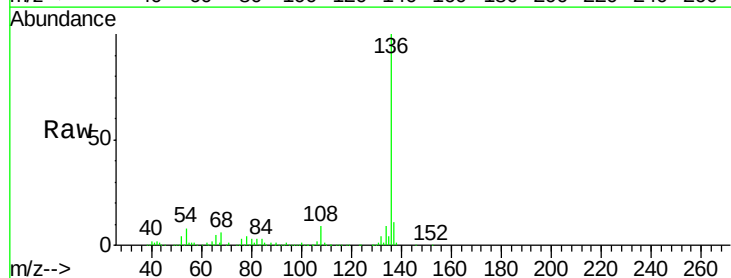
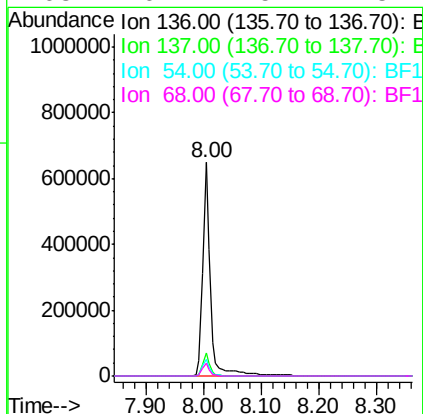
RT: 8.00 min Scan# 1006

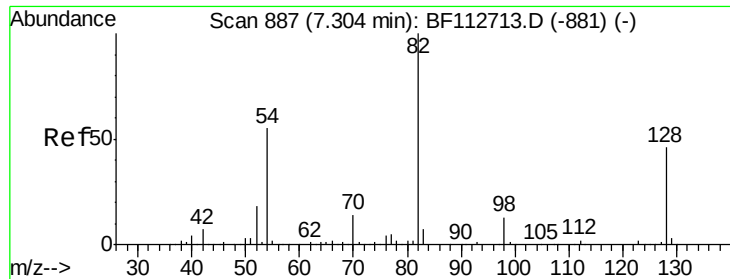
Delta R.T. -0.01 min

Lab File: BF113211.D

Acq: 21 Mar 2019 16:30

Tgt Ion:	136	Resp:	618120
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.9	13.3
54	8.0	7.3	10.9
68	6.1	5.4	8.2





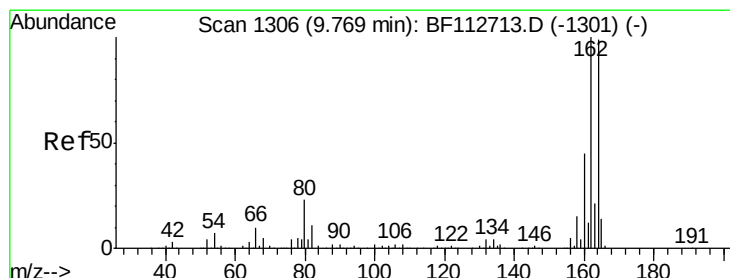
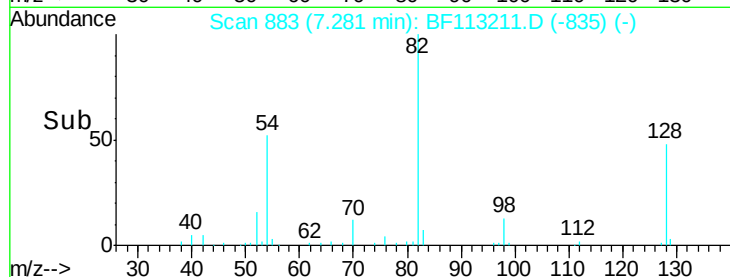
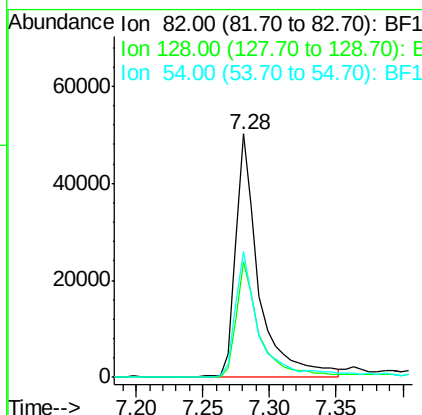
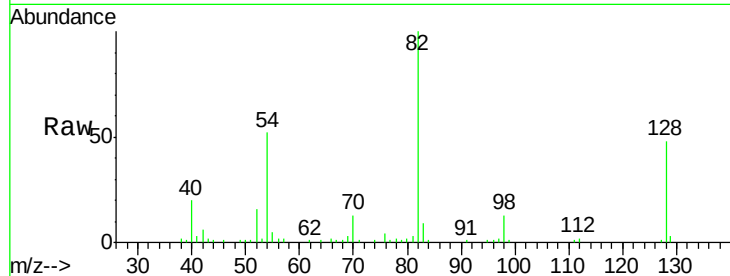
#23
Nitrobenzene-d5
Concen: 5.950 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113211.D
Acq: 21 Mar 2019 16:30

Instrument :
BNA_F
ClientSampleId :
EO-02-032019-A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.3	54.5
54	51.5	43.7	65.5

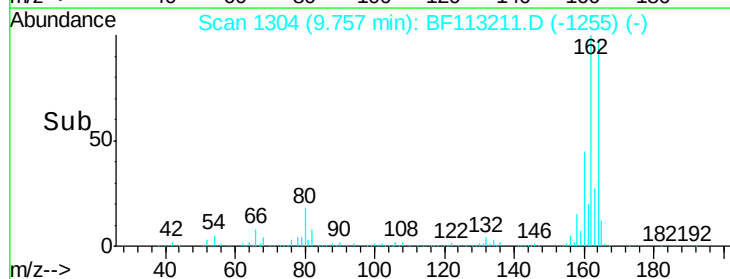
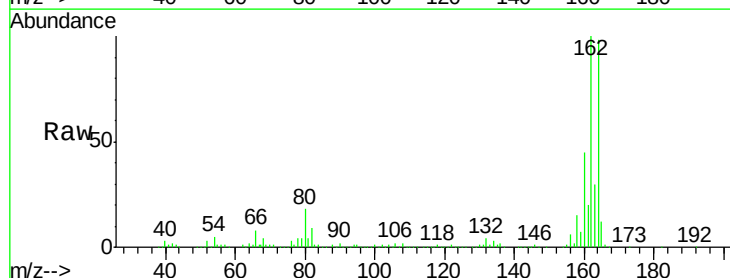
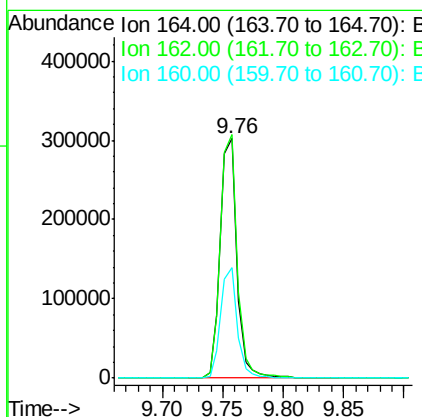
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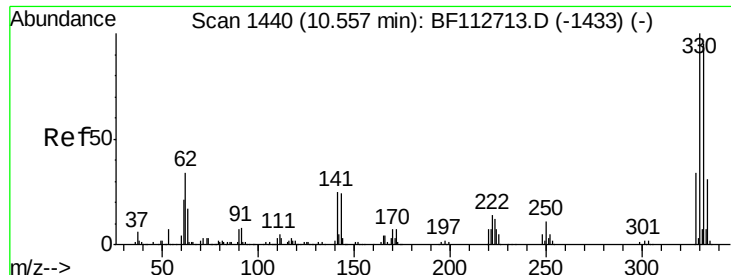
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113211.D
Acq: 21 Mar 2019 16:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	46.0	36.0	54.0





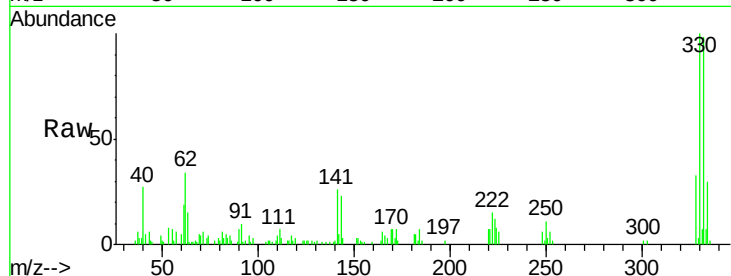
#42
 2,4,6-Tribromophenol
 Concen: 10.609 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113211.D
 Acq: 21 Mar 2019 16:30

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-032019-A

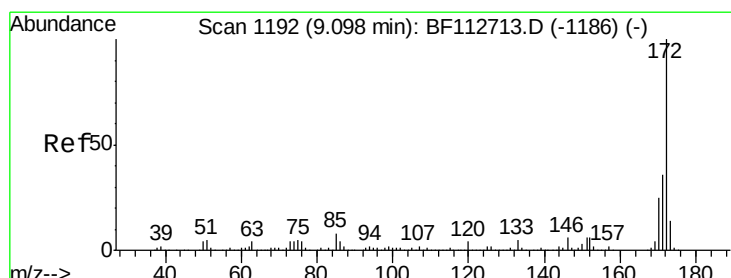
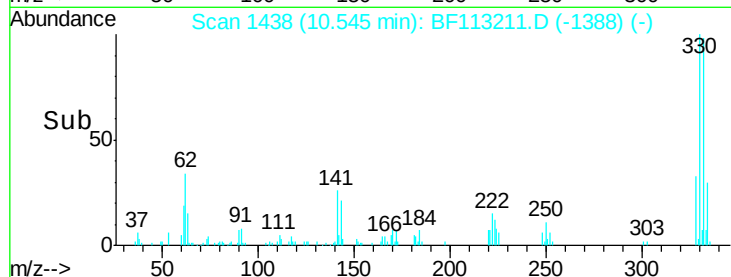
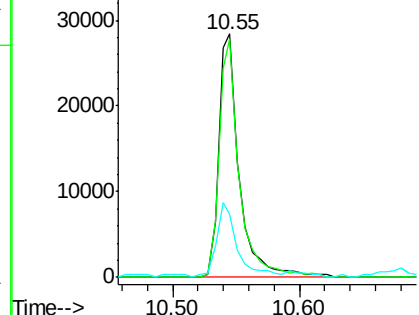
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	32632		
332	95.8	76.2	114.4	
141	31.2	27.0	40.6	

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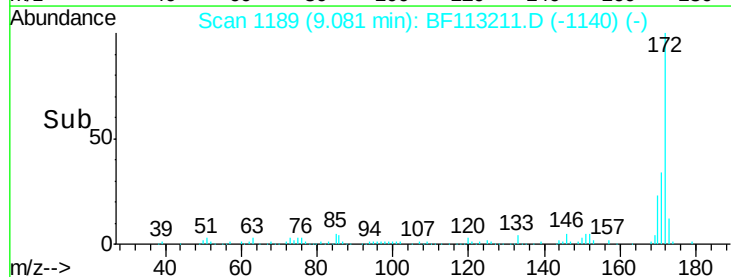
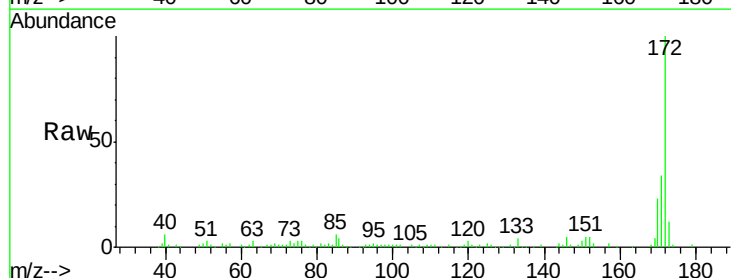
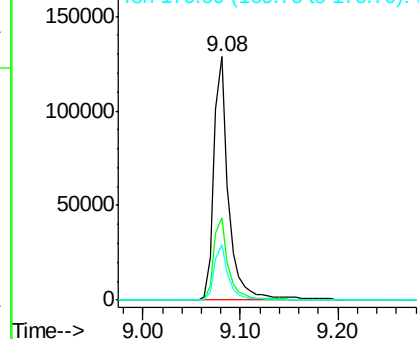
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

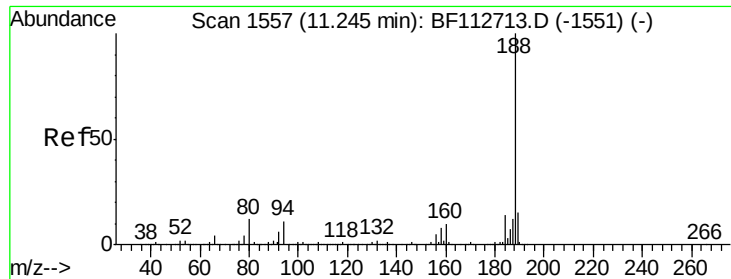


#45
 2-Fluorobiphenyl
 Concen: 4.882 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113211.D
 Acq: 21 Mar 2019 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	135783		
171	34.0	29.0	43.4	
170	22.7	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





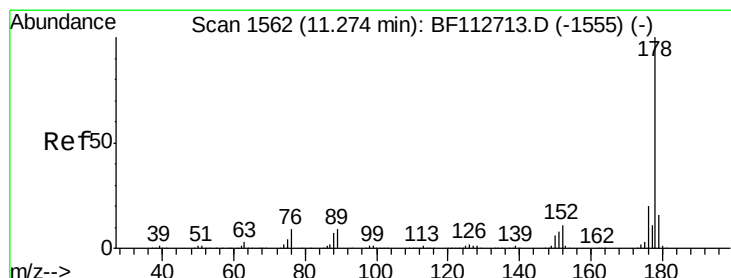
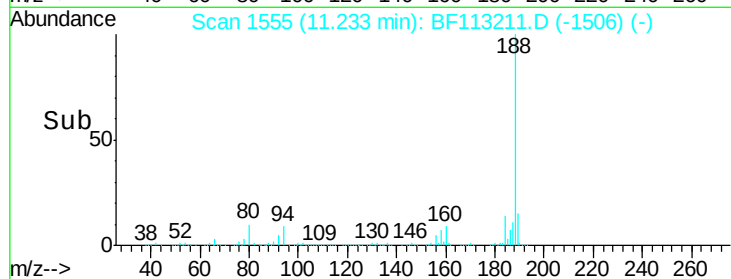
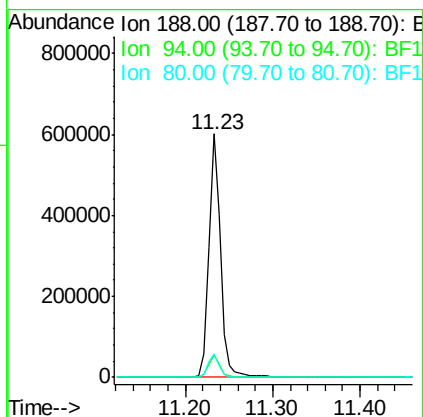
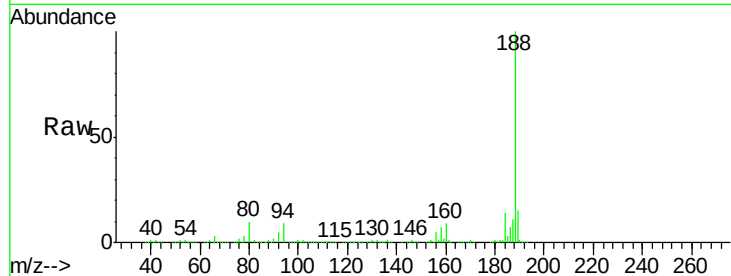
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113211.D
Acq: 21 Mar 2019 16:30

Instrument :
BNA_F
ClientSampleId :
EO-02-032019-A

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.2	9.0	13.4
80	9.5	9.2	13.8

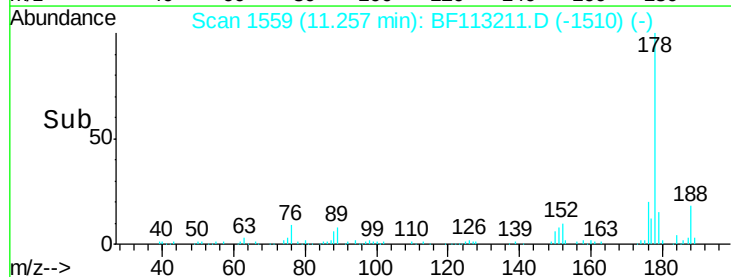
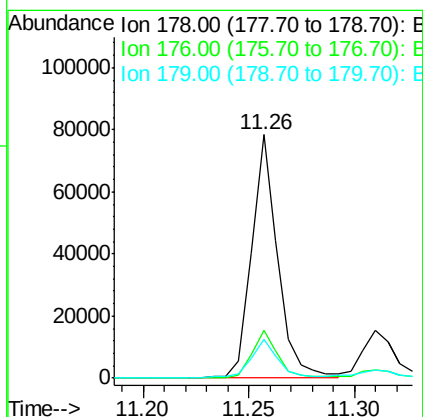
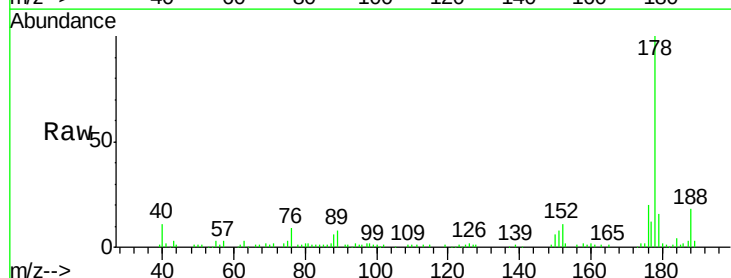
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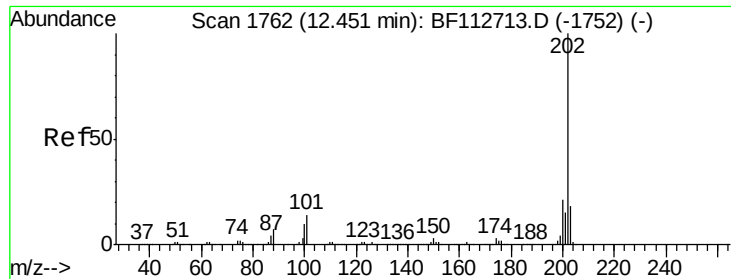
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#71
Phenanthrene
Concen: 2.438 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113211.D
Acq: 21 Mar 2019 16:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.8	16.3	24.5
179	15.9	12.7	19.1





#75

Fluoranthene

Concen: 3.624 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BF113211.D

Acq: 21 Mar 2019 16:30

Instrument :

BNA_F

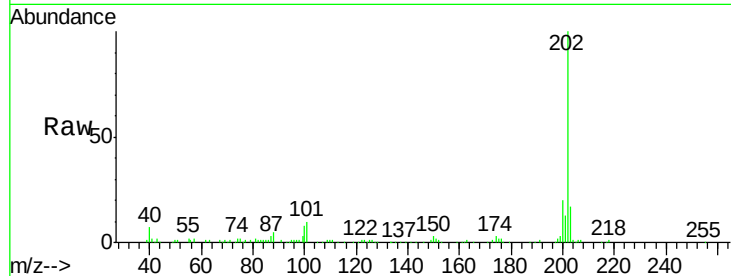
ClientSampleId :

EO-02-032019-A

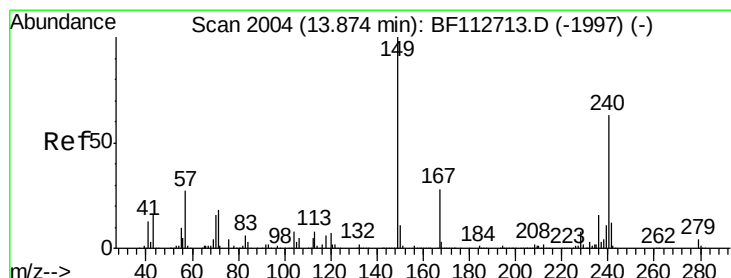
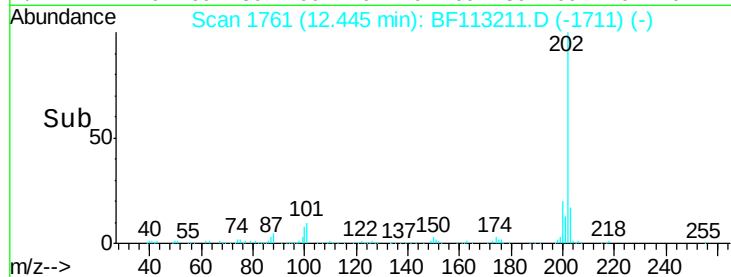
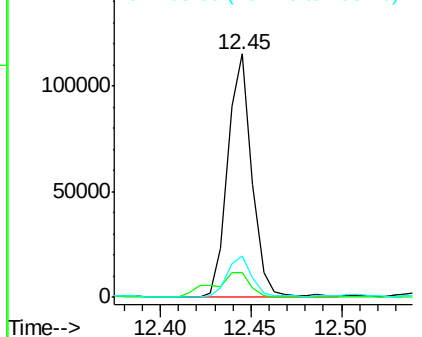
Tgt Ion:	202	Resp:	107368
Ion Ratio		Lower	Upper
202	100		
101	10.2	0.0	33.8
203	17.2	0.0	38.4

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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

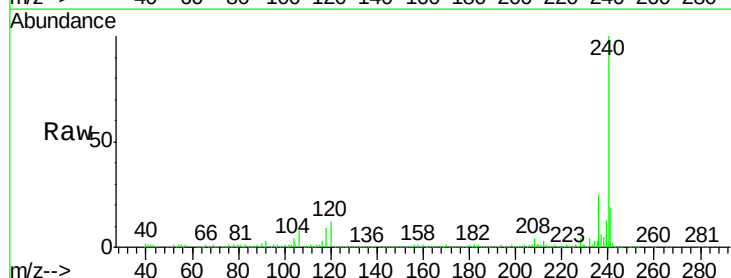
RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

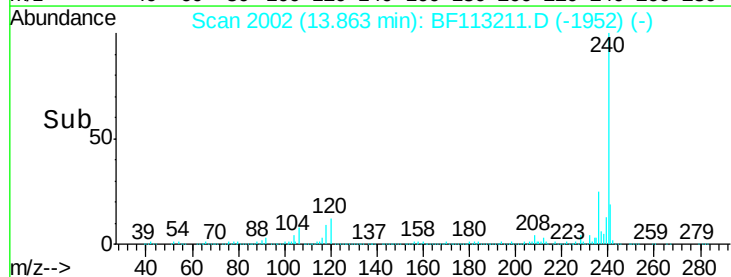
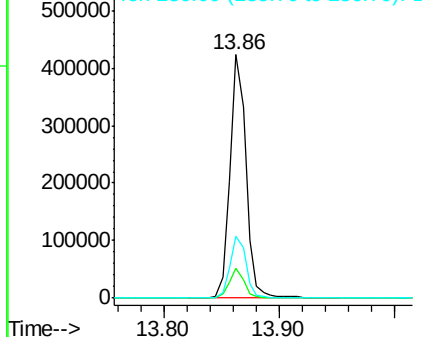
Lab File: BF113211.D

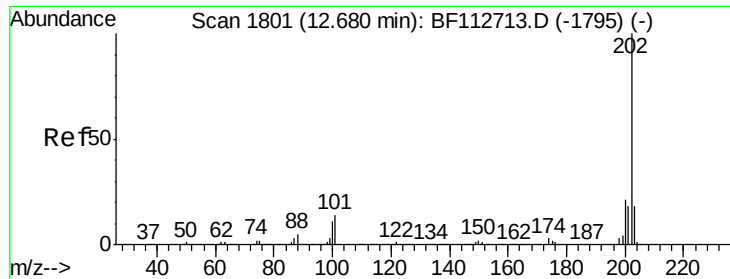
Acq: 21 Mar 2019 16:30

Tgt Ion:	240	Resp:	405619
Ion Ratio		Lower	Upper
240	100		
120	12.0	8.9	13.3
236	25.5	20.7	31.1



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





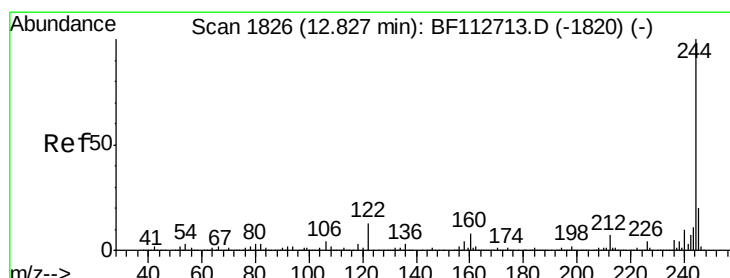
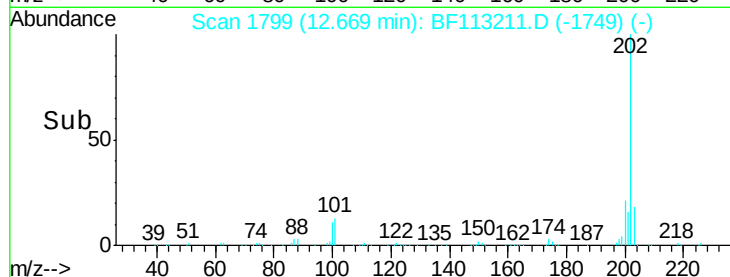
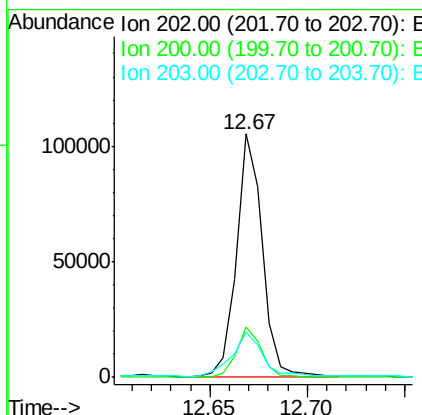
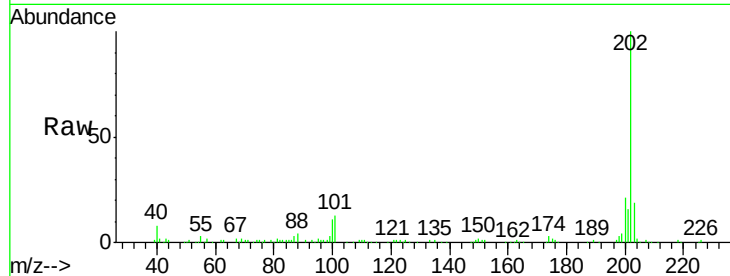
#78
 Pyrene
 Concen: 2.839 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BF113211.D
 Acq: 21 Mar 2019 16:30

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-032019-A

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.4
203	18.6	14.4	21.6

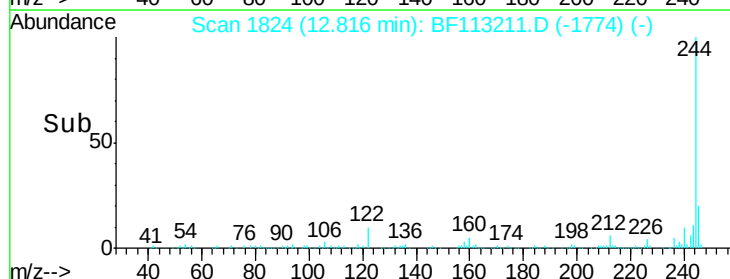
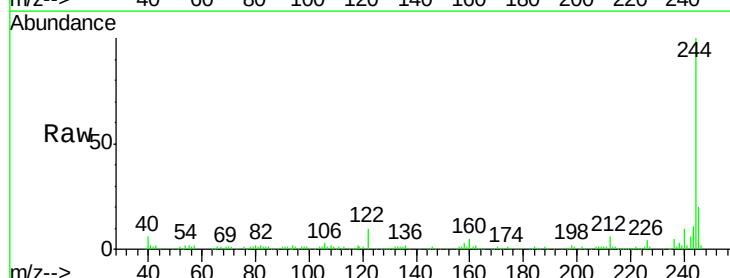
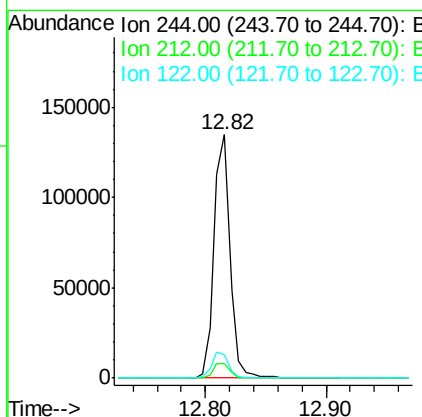
Manual Integrations
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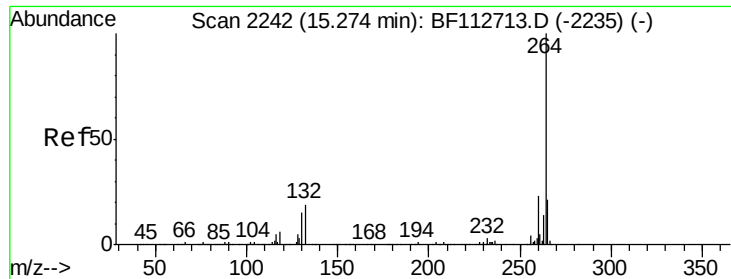
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#79
 Terphenyl-d14
 Concen: 5.854 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113211.D
 Acq: 21 Mar 2019 16:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.6	8.4
122	9.6	10.5	15.7#





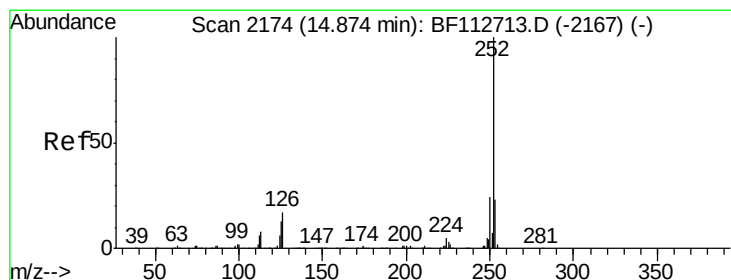
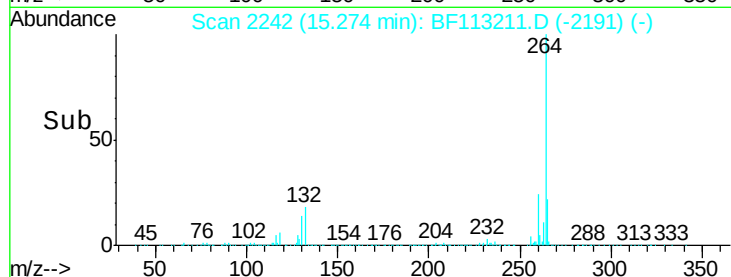
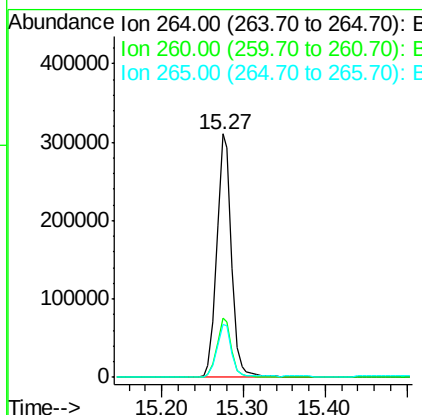
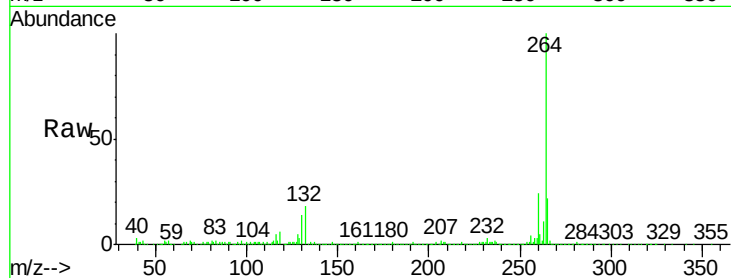
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113211.D
Acq: 21 Mar 2019 16:30

Instrument :
BNA_F
ClientSampleId :
EO-02-032019-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.7	28.1
265	21.8	17.2	25.8

Manual Integrations
APPROVED

Sohil
3/22/2019 3:35:51 PM



#88
Benzo(b)fluoranthene
Concen: 2.089 ng m
RT: 14.87 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BF113211.D
Acq: 21 Mar 2019 16:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.0	27.0
125	15.3	10.2	15.2#

