

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
 Data File : BF101460.D
 Acq On : 15 Dec 2017 23:02
 Operator : SJ/JU
 Sample : I6888-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-122-2(0-5)

Manual Integrations
 APPROVED

Sohil
 12/18/2017 2:04:27 PM

Quant Time: Dec 16 00:33:42 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	171885	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	687259	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	282708	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	467297	20.00	ng	0.00
75) Chrysene-d12	14.00	240	334307	20.00	ng	0.00
86) Perylene-d12	15.47	264	301728	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	964146	83.55	ng	0.01
7) Phenol-d6	6.46	99	1164095	81.06	ng	0.00
23) Nitrobenzene-d5	7.39	82	727464	58.92	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	209849	77.03	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1220905	66.99	ng	0.00
78) Terphenyl-d14	12.93	244	895319	64.56	ng	0.00
Target Compounds						
10) Phenol	6.47	94	58929	3.600	ng	89
49) Dimethylphthalate	9.57	163	103612	4.556	ng	99
74) Fluoranthene	12.56	202	66464	2.437	ng	98
77) Pyrene	12.80	202	64297	2.563	ng	97
87) Benzo(b)fluoranthene	15.04	252	50828m	2.764	ng	

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

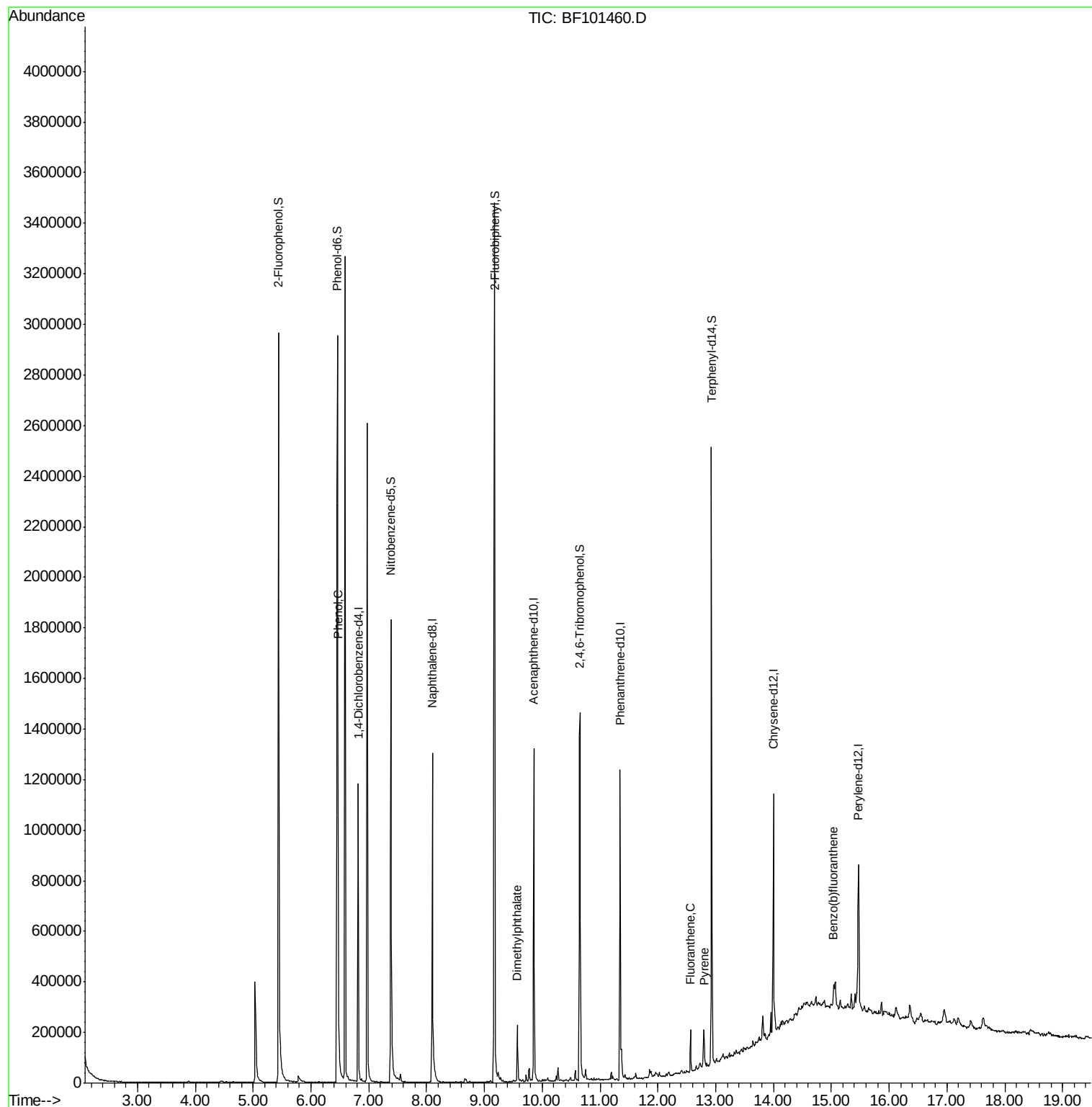
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121517\
Data File : BF101460.D
Acq On : 15 Dec 2017 23:02
Operator : SJ/JU
Sample : I6888-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

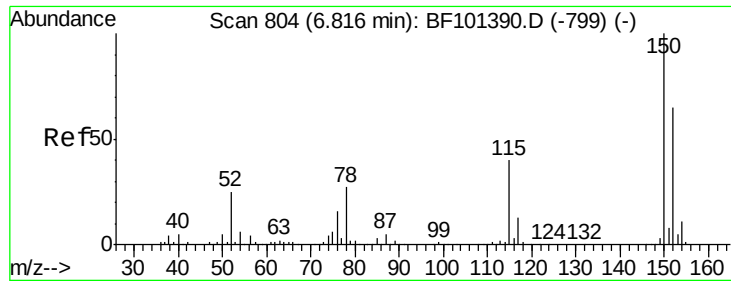
Instrument :
BNA_F
ClientSampleId :
EPE-122-2(0-5)

Manual Integrations
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Quant Time: Dec 16 00:33:42 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 15 17:36:17 2017
Response via : Initial Calibration





#1

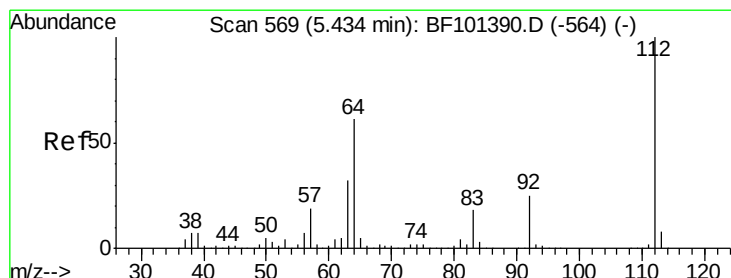
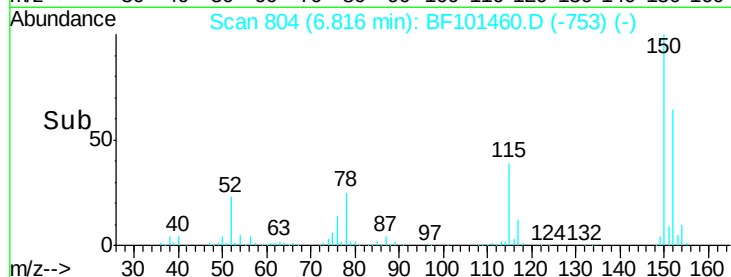
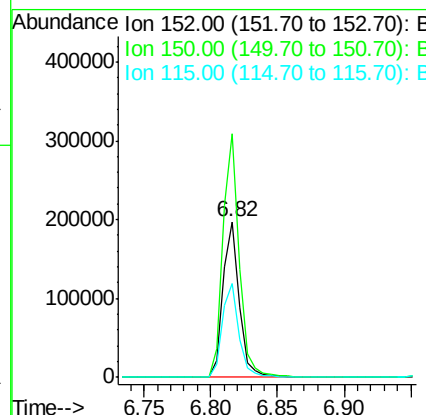
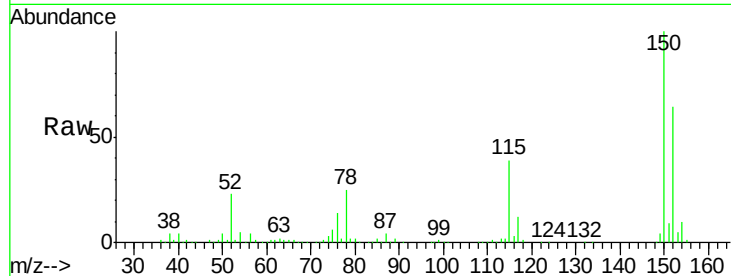
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF101460.D
Acq: 15 Dec 2017 23:02

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(0-5)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	60.6	50.1	75.1

Manual Integrations
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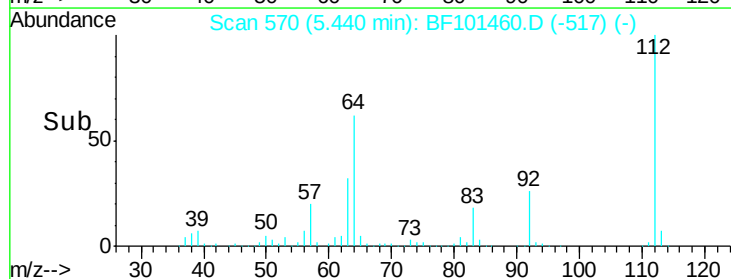
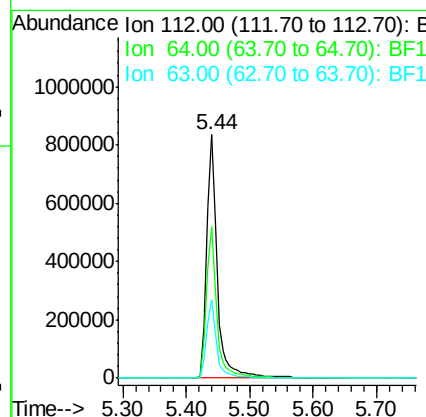
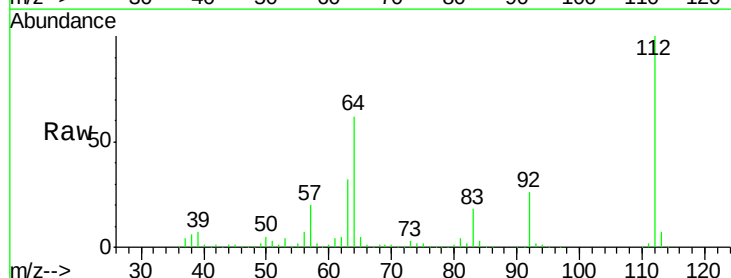
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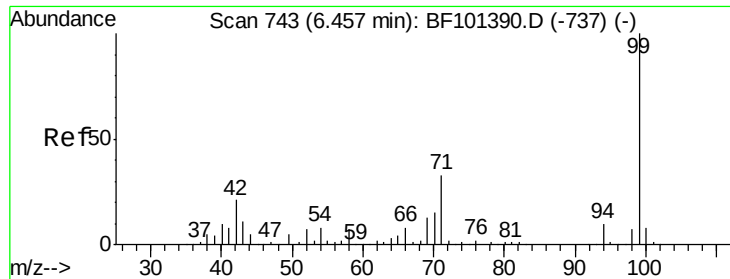


#5

2-Fluorophenol
Concen: 83.554 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF101460.D
Acq: 15 Dec 2017 23:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	47.9	71.9
63	32.0	23.7	35.5





#7

Phenol-d6

Concen: 81.060 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF101460.D

Acq: 15 Dec 2017 23:02

Instrument :

BNA_F

ClientSampled :

EPE-122-2(0-5)

Tgt Ion: 99 Resp: 1164095

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

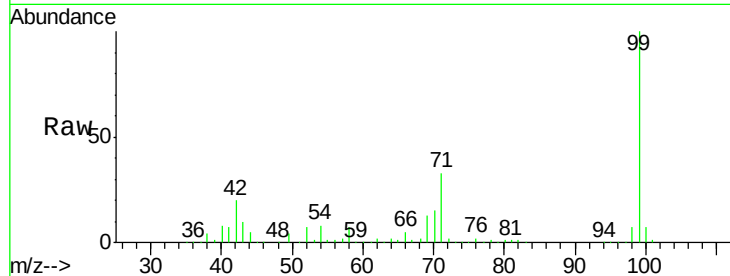
71 33.1 25.4 38.0

Manual Integrations

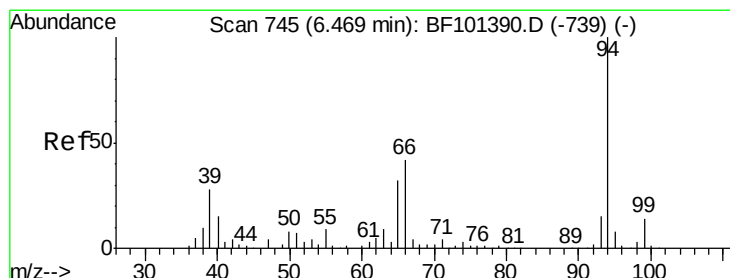
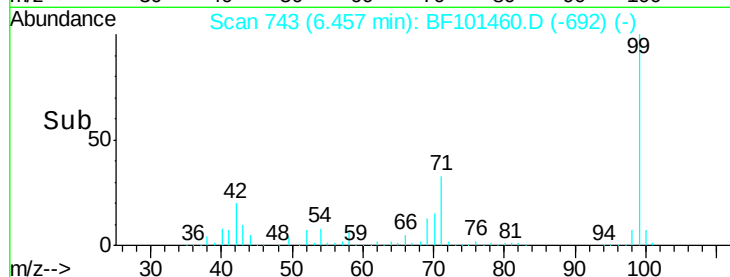
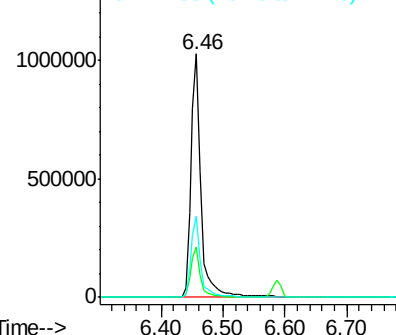
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.600 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF101460.D

Acq: 15 Dec 2017 23:02

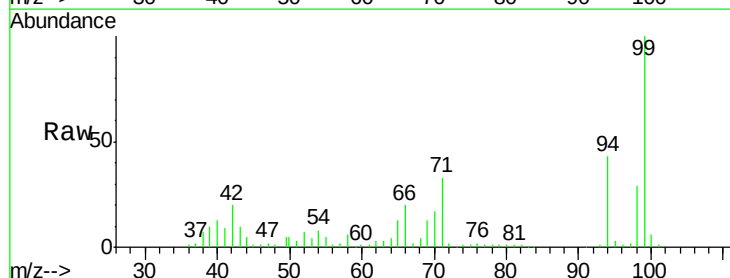
Tgt Ion: 94 Resp: 58929

Ion Ratio Lower Upper

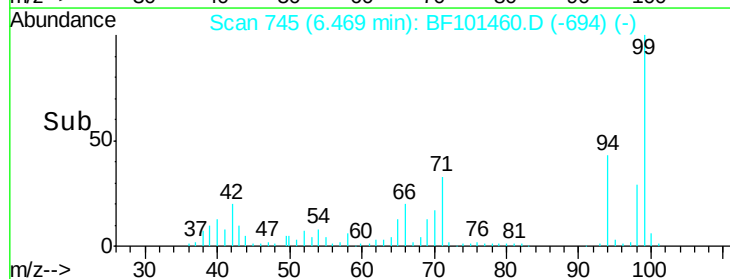
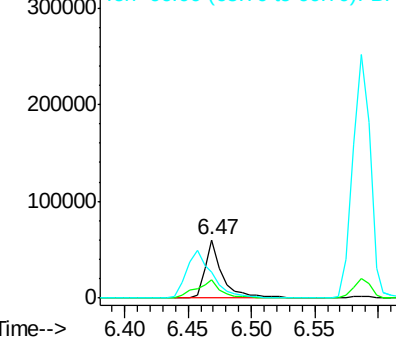
94 100

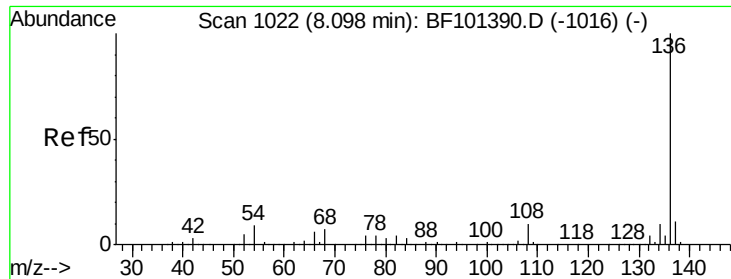
65 30.4 7.9 47.9

66 45.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





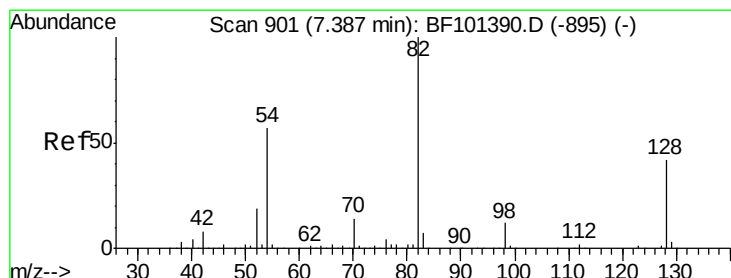
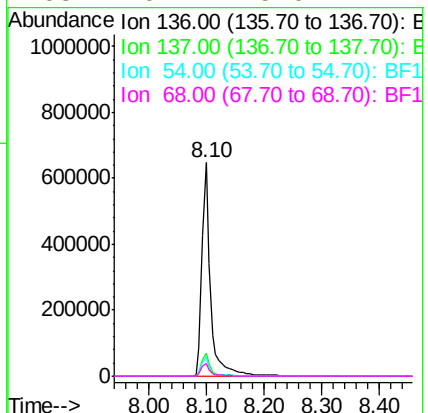
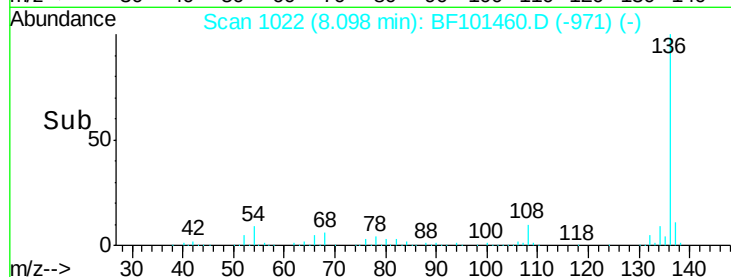
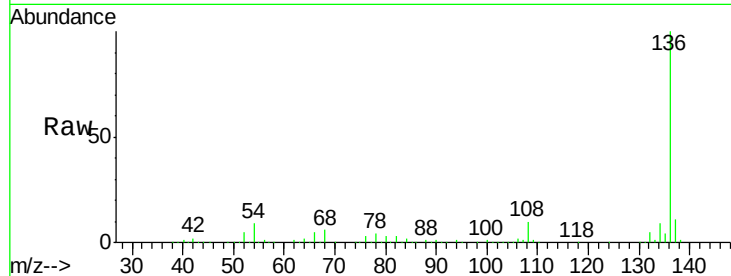
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF101460.D
Acq: 15 Dec 2017 23:02

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	687259		
137	10.8	8.9	13.3	
54	8.9	6.6	9.8	
68	6.2	5.0	7.4	

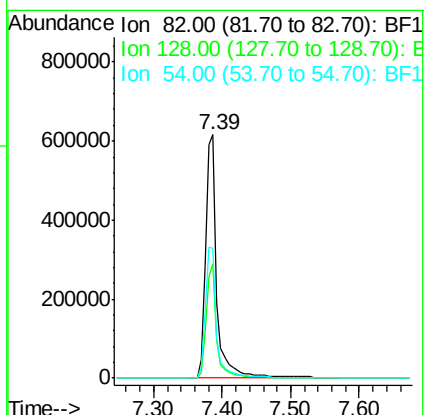
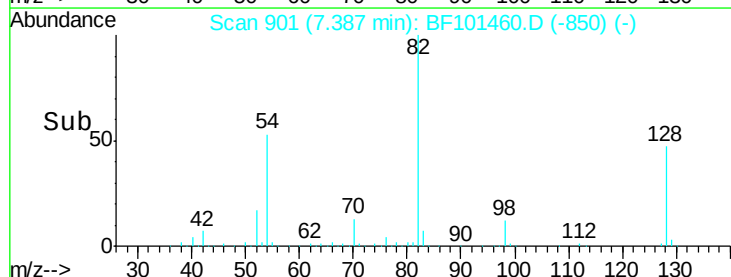
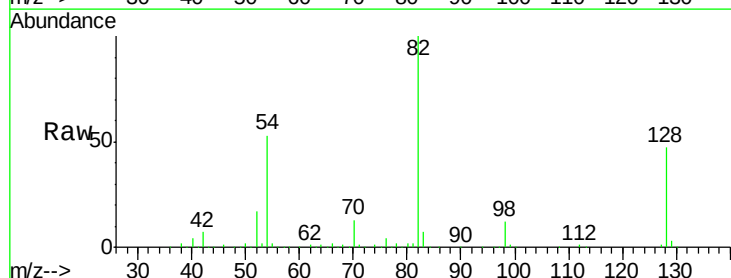
Manual Integrations
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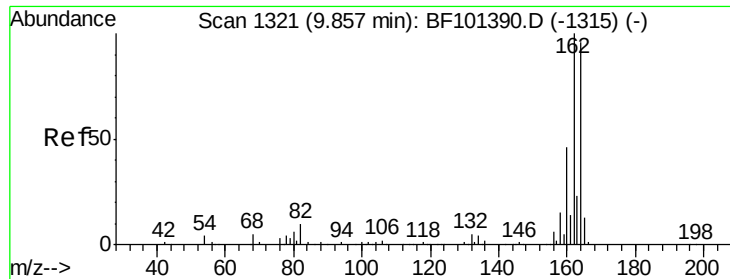
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#23
Nitrobenzene-d5
Concen: 58.922 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF101460.D
Acq: 15 Dec 2017 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	727464		
128	47.1	36.1	54.1	
54	53.1	41.4	62.2	





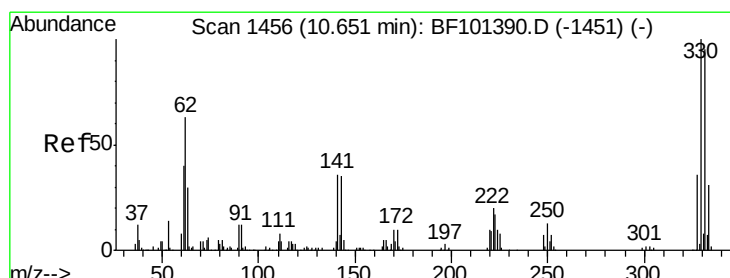
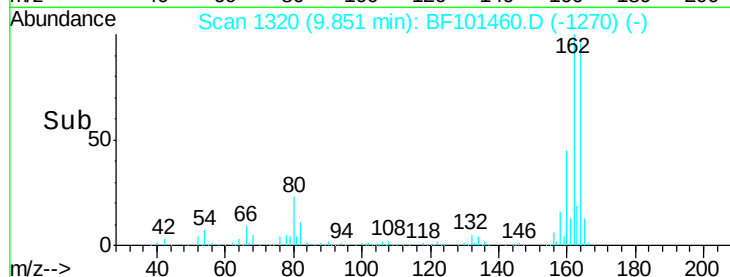
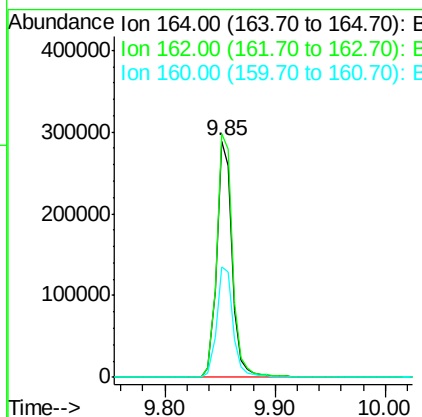
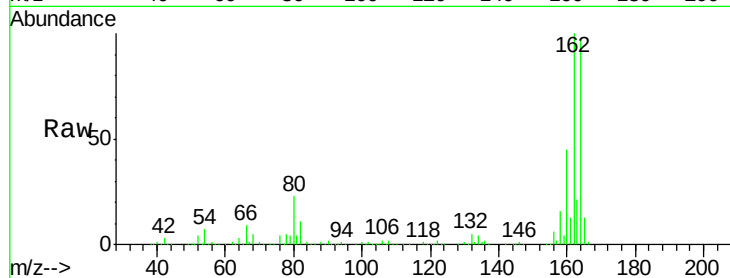
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF101460.D
Acq: 15 Dec 2017 23:02

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	282708		
162	102.9	86.1	129.1	
160	46.5	38.3	57.5	

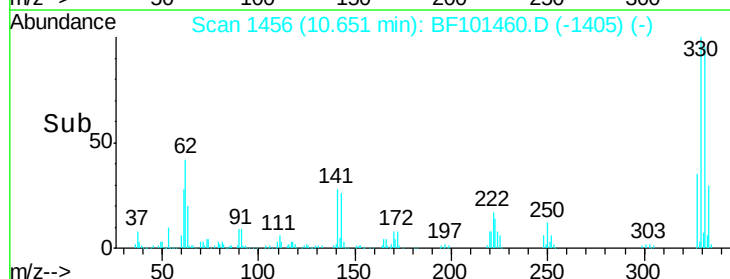
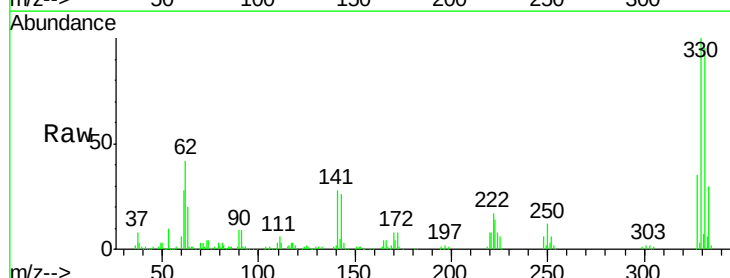
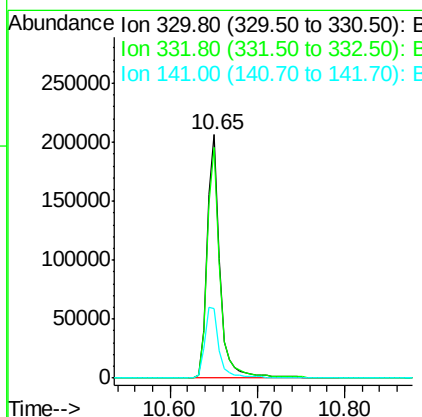
Manual Integrations
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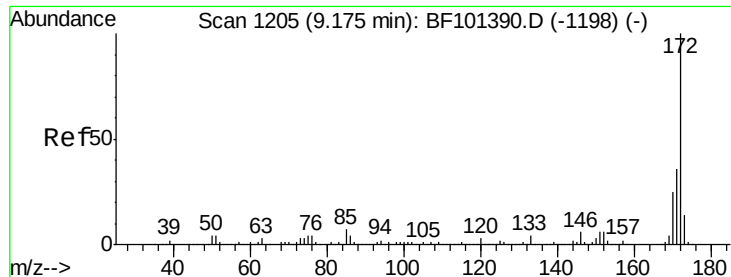
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#41
2,4,6-Tribromophenol
Concen: 77.034 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BF101460.D
Acq: 15 Dec 2017 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	209849		
332	96.1	77.0	115.6	
141	32.7	29.9	44.9	





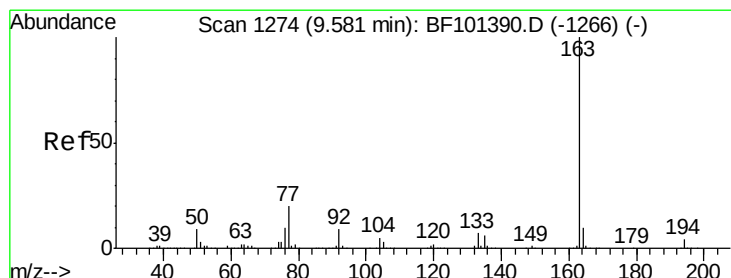
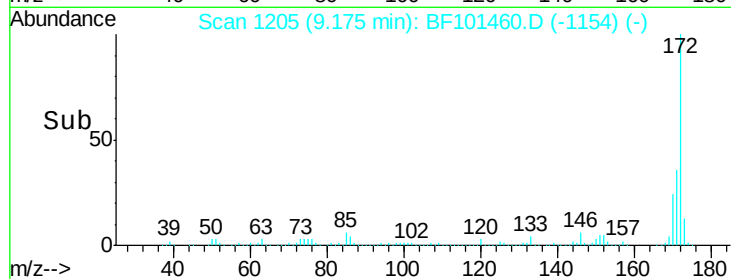
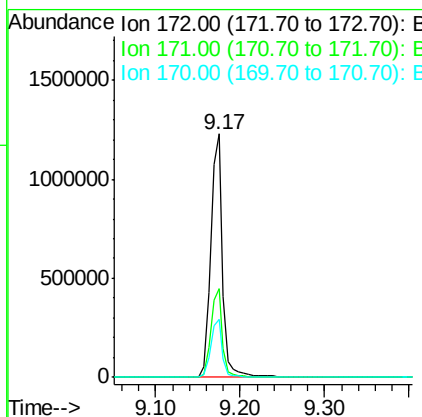
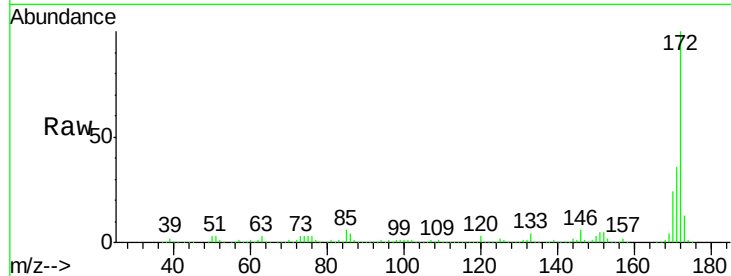
#44
2-Fluorobiphenyl
Concen: 66.992 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF101460.D
Acq: 15 Dec 2017 23:02

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(0-5)

Tgt Ion:172 Resp: 1220905
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.1 19.6 29.4

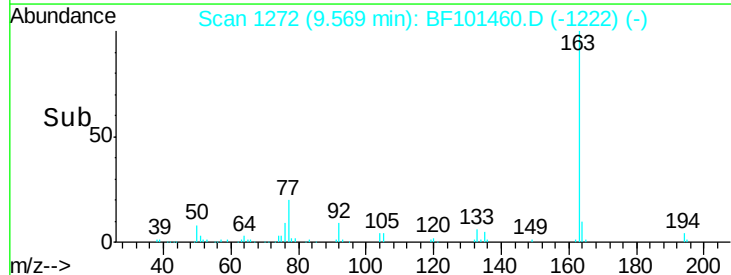
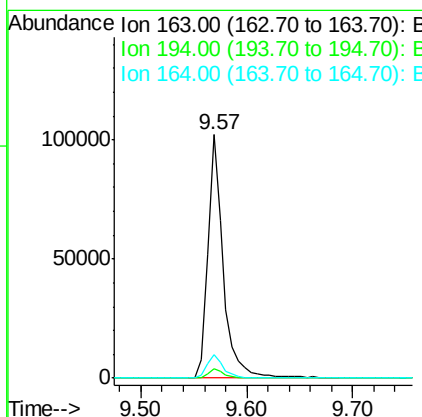
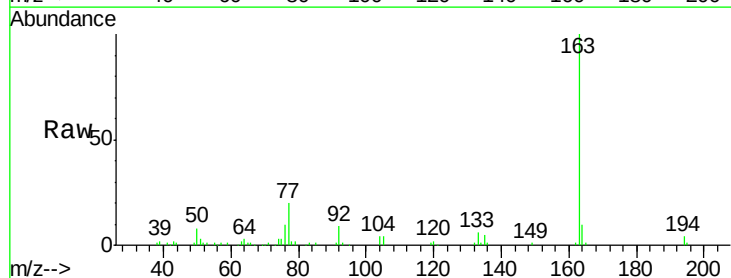
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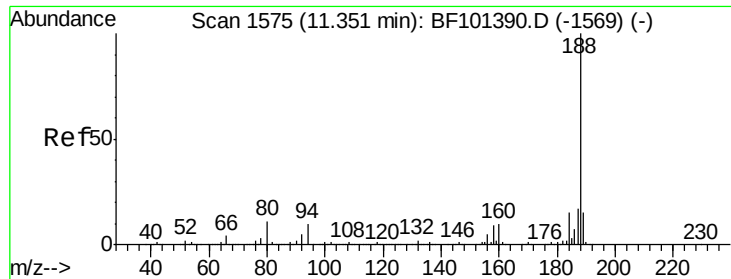
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#49
Dimethylphthalate
Concen: 4.556 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF101460.D
Acq: 15 Dec 2017 23:02

Tgt Ion:163 Resp: 103612
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.8 8.2 12.2





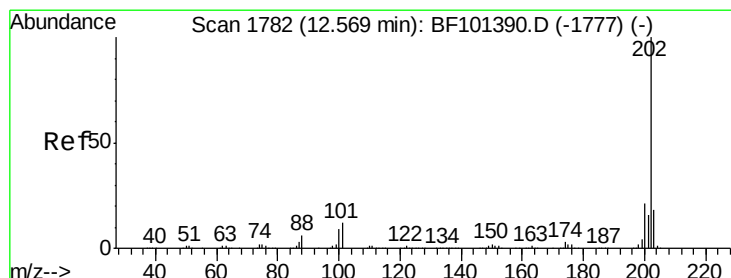
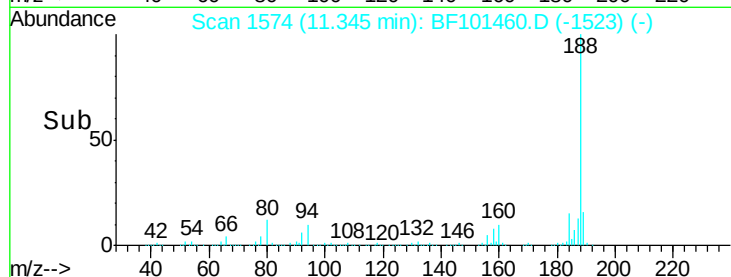
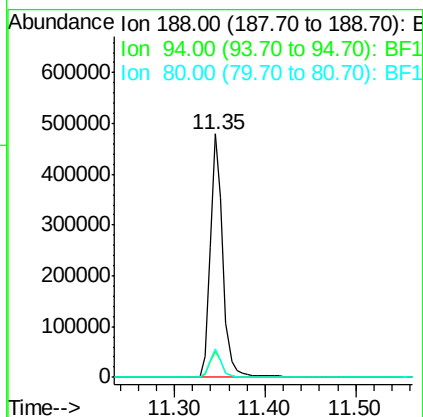
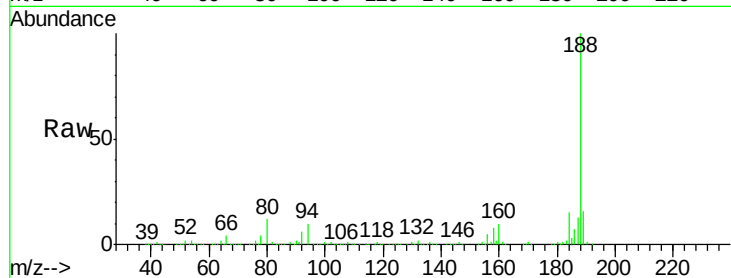
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF101460.D
Acq: 15 Dec 2017 23:02

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	467297		
94	10.5		8.5	12.7
80	11.6		9.2	13.8

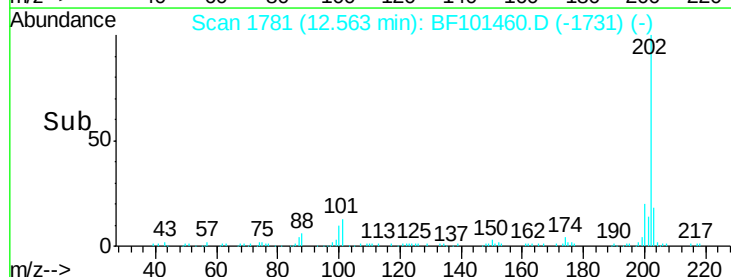
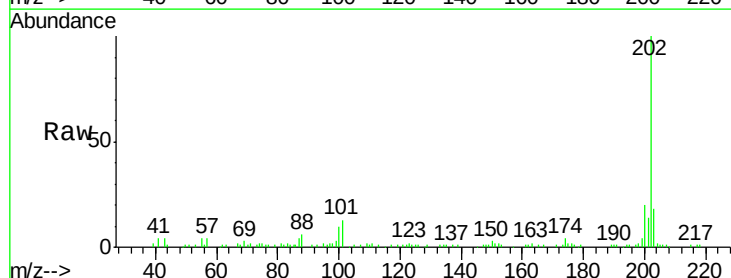
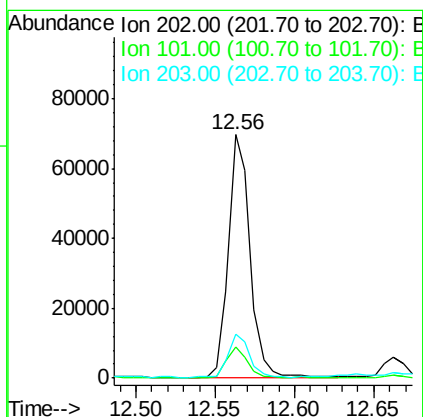
Manual Integrations
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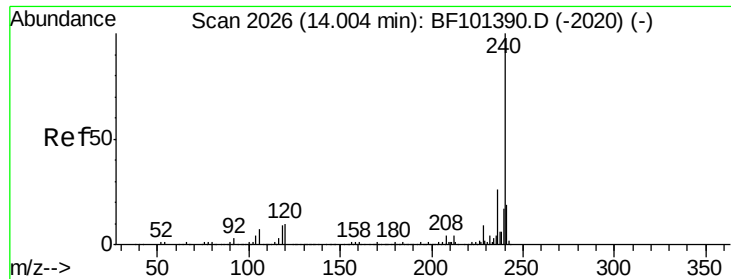
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#74
Fluoranthene
Concen: 2.437 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF101460.D
Acq: 15 Dec 2017 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	66464		
101	12.6		0.0	34.1
203	18.3		0.0	38.1





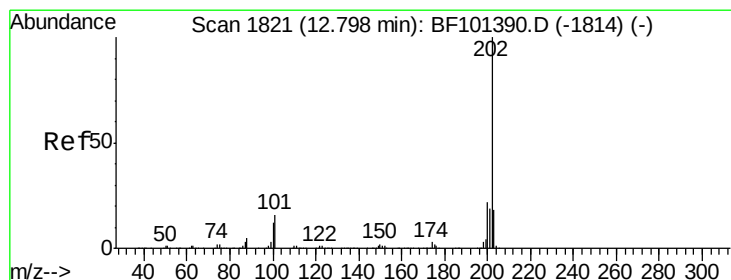
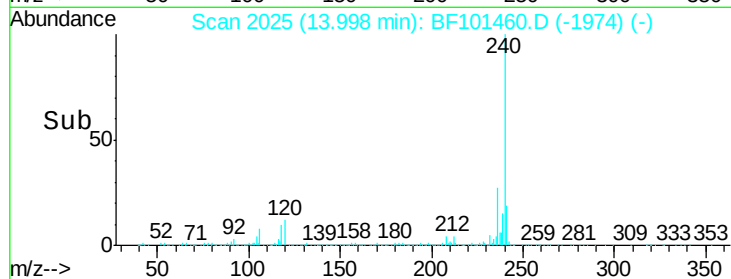
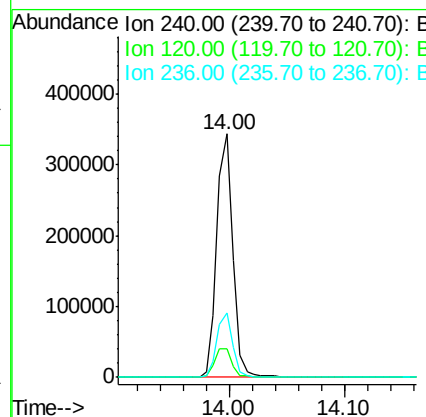
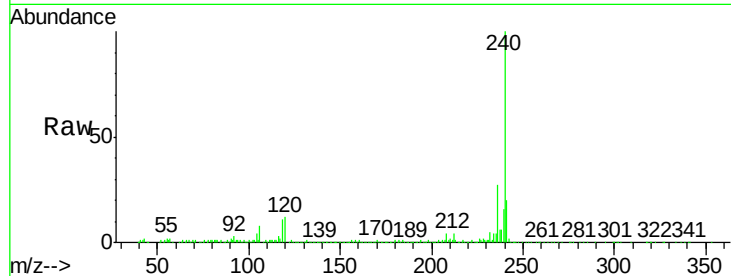
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF101460.D
Acq: 15 Dec 2017 23:02

Instrument :
BNA_F
ClientSampleId :
EPE-122-2(0-5)

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.5	14.3
236	26.7	20.7	31.1

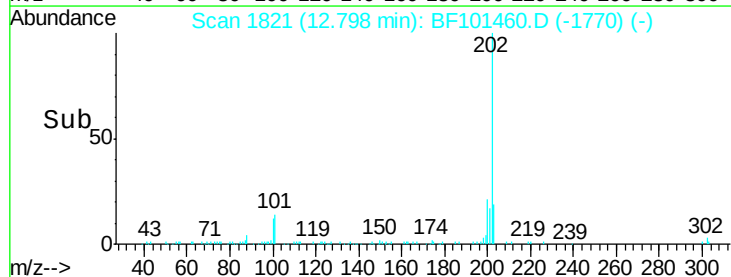
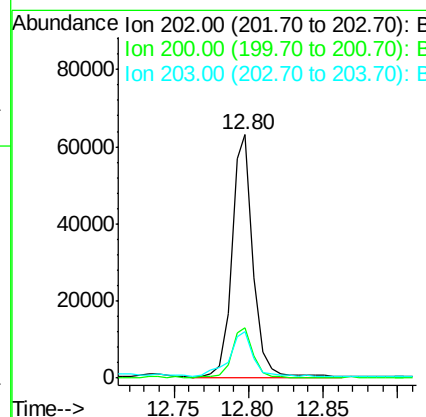
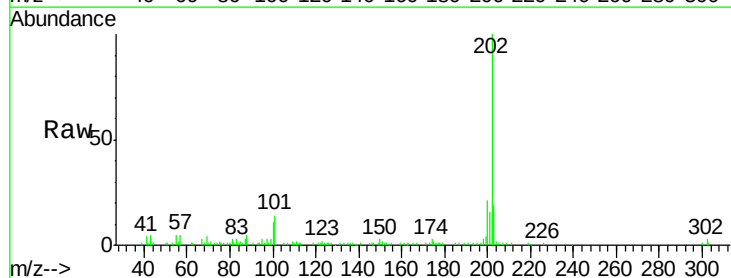
Manual Integrations
APPROVED

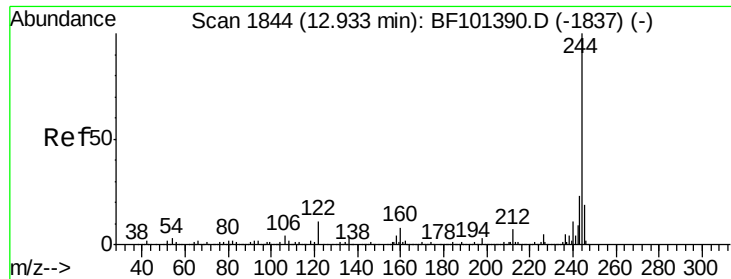
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#77
Pyrene
Concen: 2.563 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF101460.D
Acq: 15 Dec 2017 23:02

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.4	26.2
203	19.3	14.3	21.5





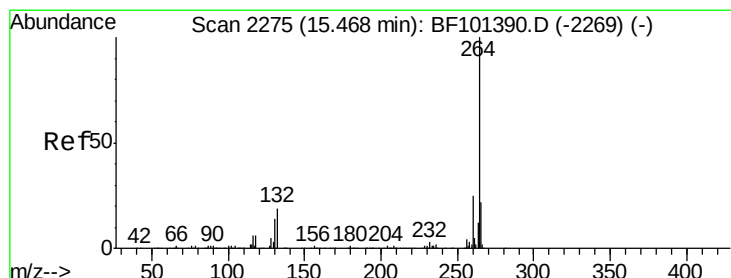
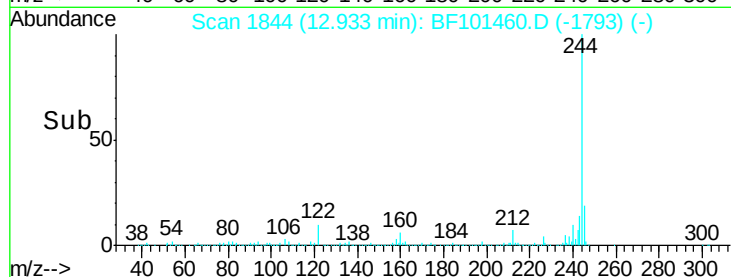
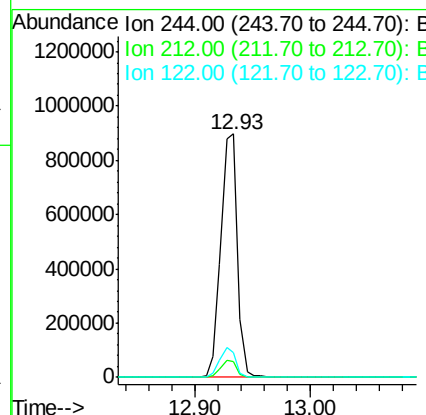
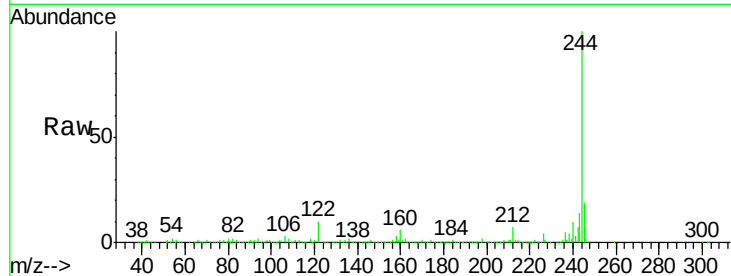
#78
 Terphenyl-d14
 Concen: 64.564 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF101460.D
 Acq: 15 Dec 2017 23:02

Instrument :
 BNA_F
 ClientSampleId :
 EPE-122-2(0-5)

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	895319		
212	6.7	5.4	8.0	
122	10.1	11.0	16.4	

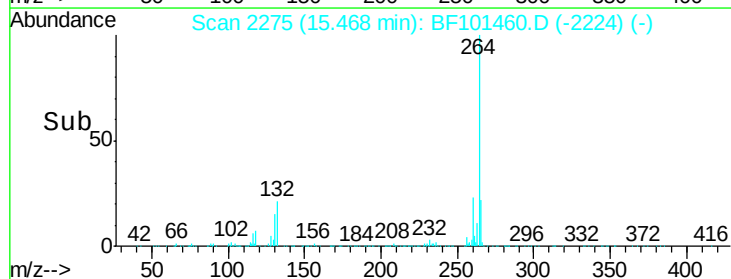
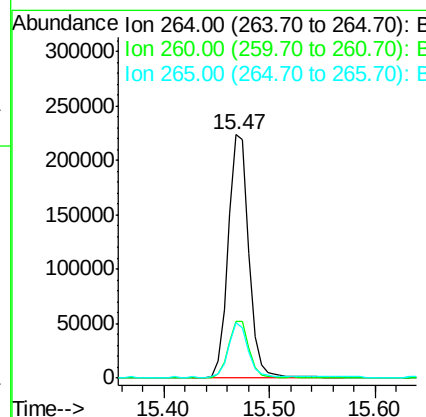
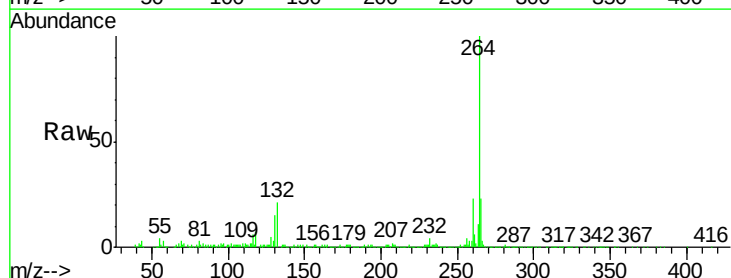
Manual Integrations
 APPROVED

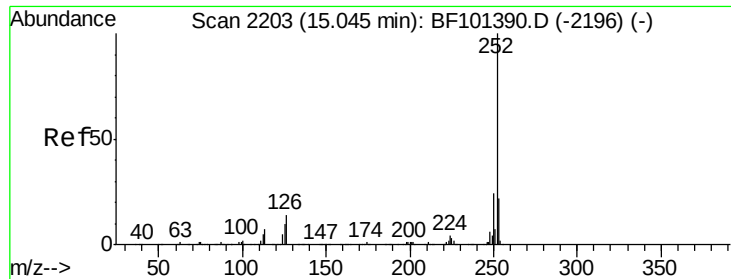
Sohil
 12/18/2017 2:04:27 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.00 min
 Lab File: BF101460.D
 Acq: 15 Dec 2017 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	301728		
260	23.3	19.2	28.8	
265	22.6	17.5	26.3	





#87
 Benzo(b)fluoranthene
 Concen: 2.764 ng m
 RT: 15.04 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: BF101460.D
 Acq: 15 Dec 2017 23:02

Instrument :
 BNA_F
 ClientSampleId :
 EPE-122-2(0-5)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.0	25.6#
125	20.5	9.0	13.6#

Manual Integrations
 APPROVED

Sohil
 12/18/2017 2:04:27 PM

