

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100049.D
 Acq On : 1 Nov 2017 17:48
 Operator : SJ/JU
 Sample : I6206-05 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-102717-C

Manual Integrations
 APPROVED

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 11/2/2017 4:27:07 PM

Quant Time: Nov 01 18:46:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	86640	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	343597	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	149876	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	236490	20.00	ng	0.00
75) Chrysene-d12	13.97	240	155538	20.00	ng	0.00
86) Perylene-d12	15.46	264	155159	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	52329	9.48	ng	0.02
7) Phenol-d6	6.44	99	68579	10.48	ng	0.01
23) Nitrobenzene-d5	7.36	82	41493	7.77	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	13725	10.05	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	87713	9.03	ng	0.00
78) Terphenyl-d14	12.90	244	58182	8.17	ng	0.00
Target Compounds						
74) Fluoranthene	12.54	202	35687	2.573	ng	93
77) Pyrene	12.77	202	39266	3.320	ng	97
80) Benzo(a)anthracene	13.96	228	23242	2.357	ng	95
82) Chrysene	14.00	228	22650	2.443	ng	98
87) Benzo(b)fluoranthene	15.03	252	29400m	3.001	ng	
89) Benzo(a)pyrene	15.40	252	21191	2.408	ng	# 91

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

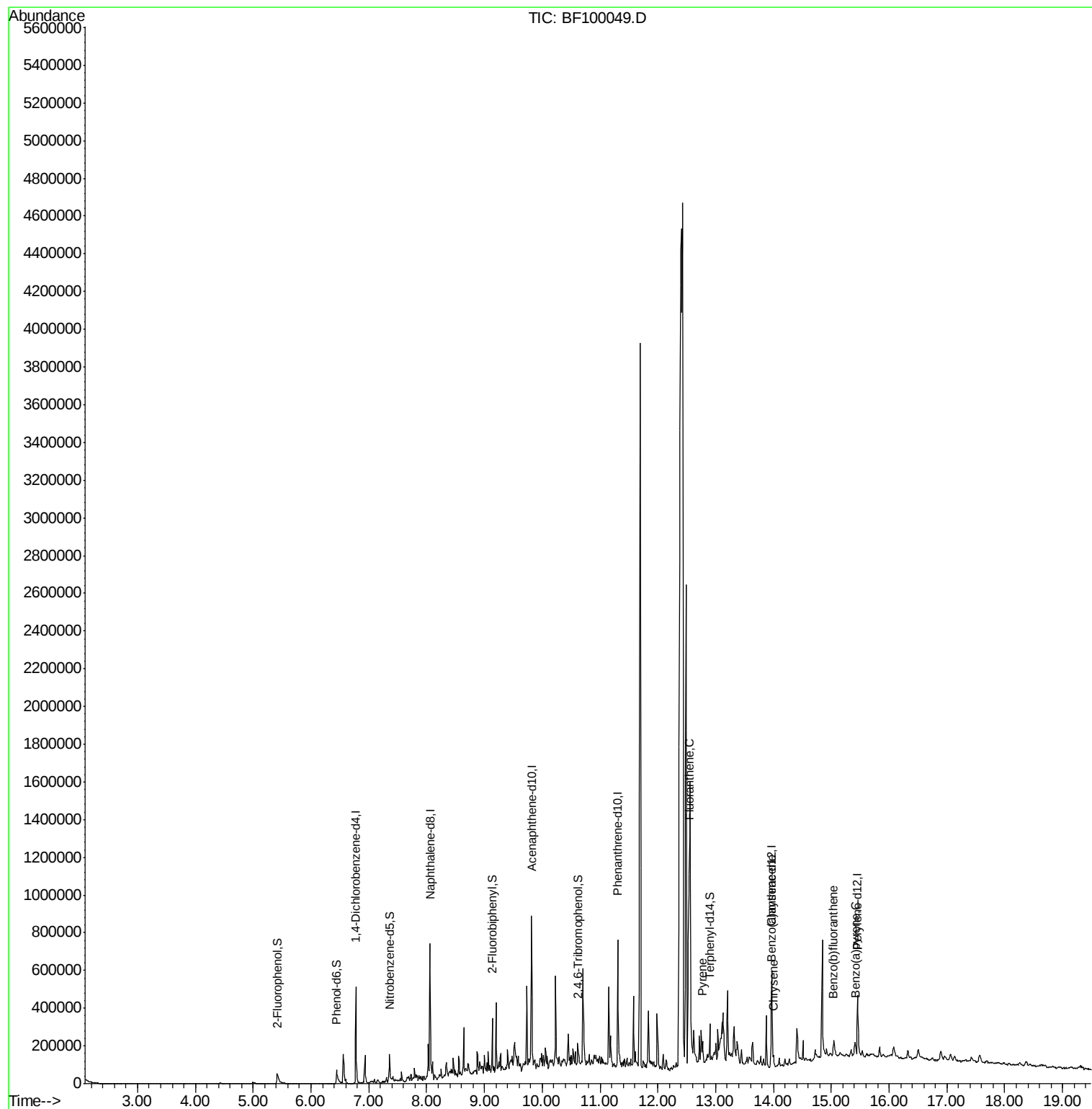
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100049.D
Acq On : 1 Nov 2017 17:48
Operator : SJ/JU
Sample : I6206-05 10X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-102717-C

Manual Integrations
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#1

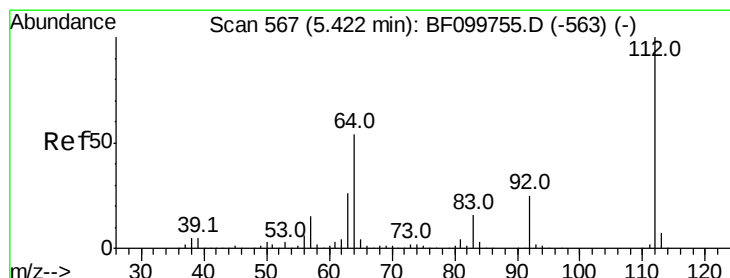
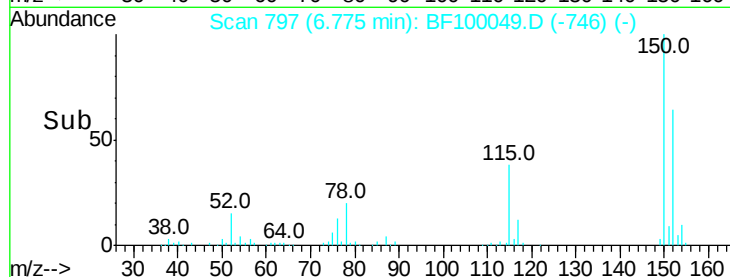
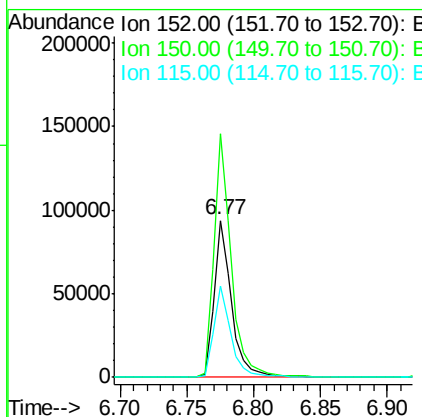
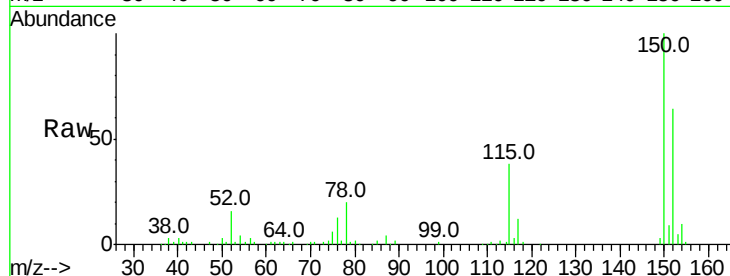
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Instrument :
BNA_F
ClientSampleId :
EO-01-102717-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.6	186.8
115	58.4	50.1	75.1

Manual Integrations
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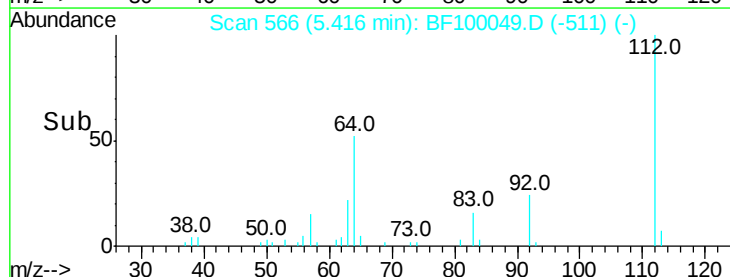
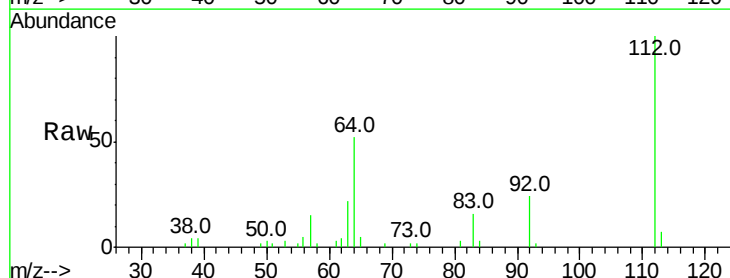
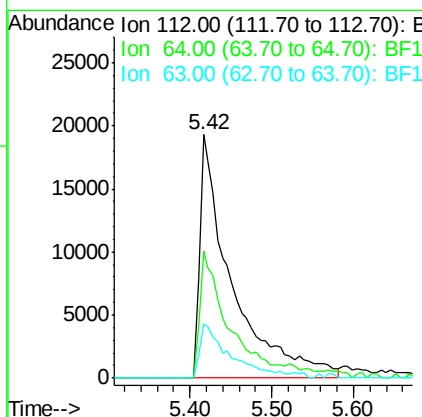
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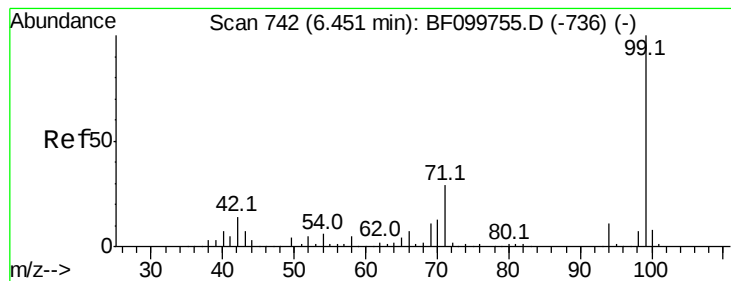


#5

2-Fluorophenol
Concen: 9.482 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	47.9	71.9
63	22.2	23.7	35.5





#7

Phenol-d6

Concen: 10.480 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF100049.D

Acq: 1 Nov 2017 17:48

Instrument :

BNA_F

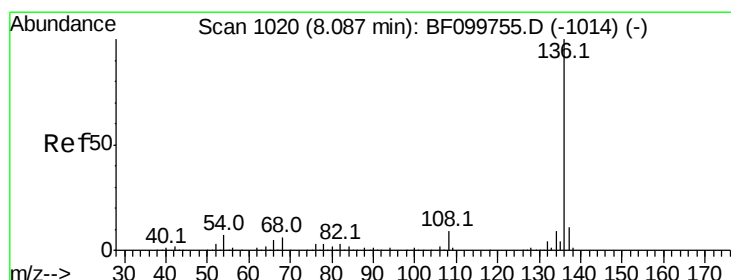
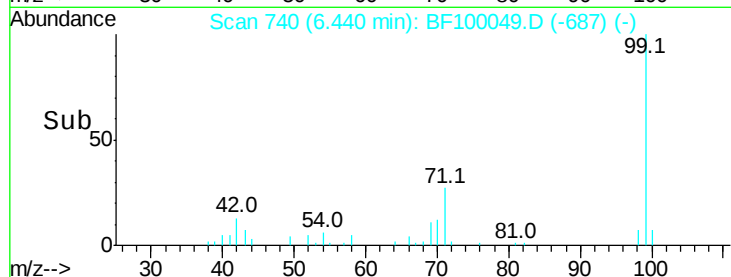
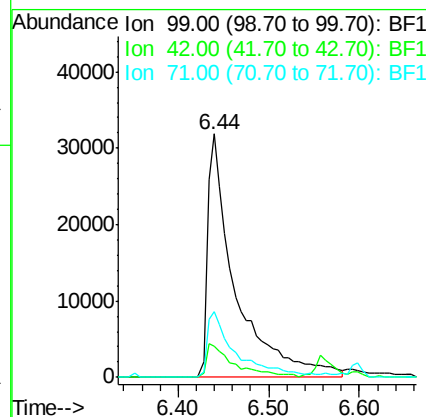
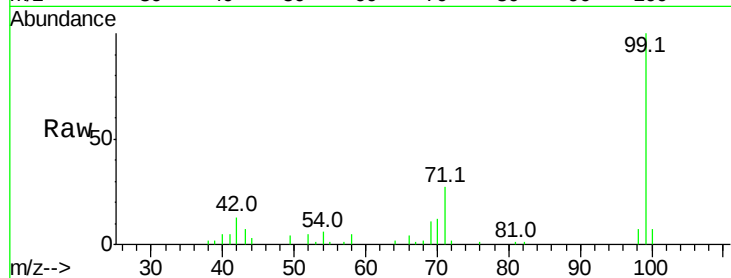
ClientSampleId :

EO-01-102717-C

Tot Ion:	99	Resp:	68579
Ion	Ratio	Lower	Upper
99	100		
42	13.0	14.5	21.7#
71	27.1	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

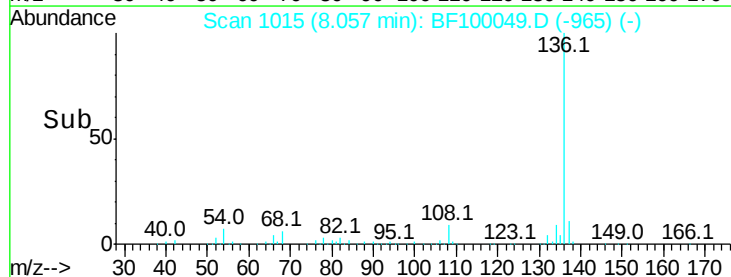
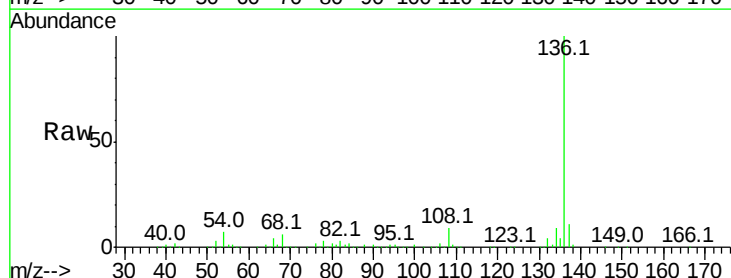
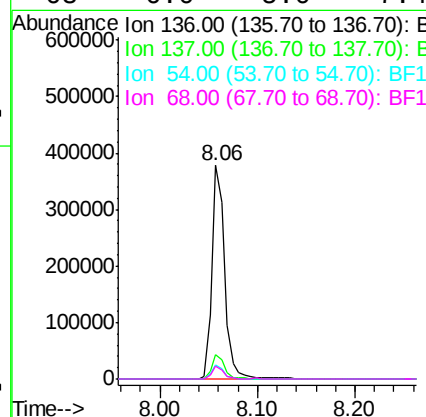
RT: 8.06 min Scan# 1015

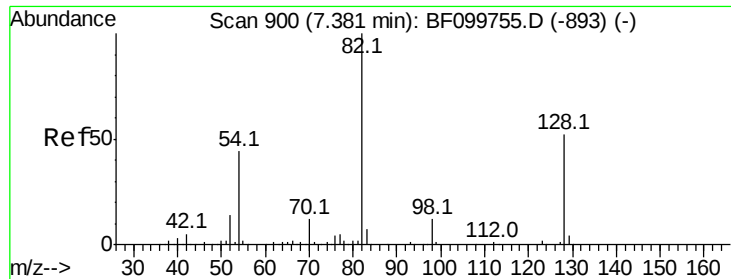
Delta R.T. -0.01 min

Lab File: BF100049.D

Acq: 1 Nov 2017 17:48

Tgt Ion:	136	Resp:	343597
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	6.9	6.6	9.8
68	6.0	5.0	7.4





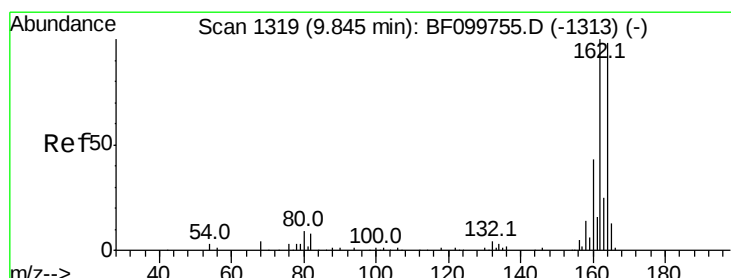
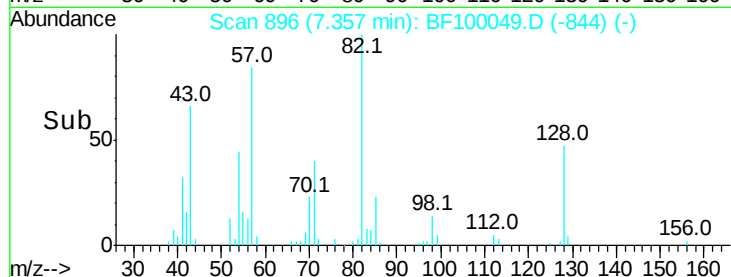
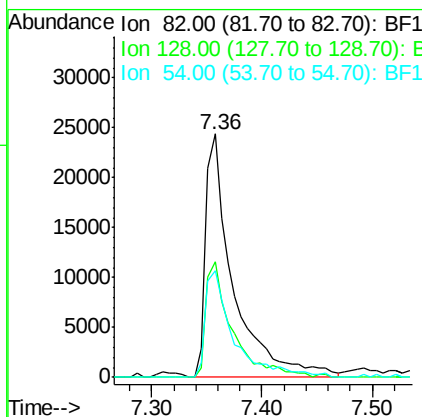
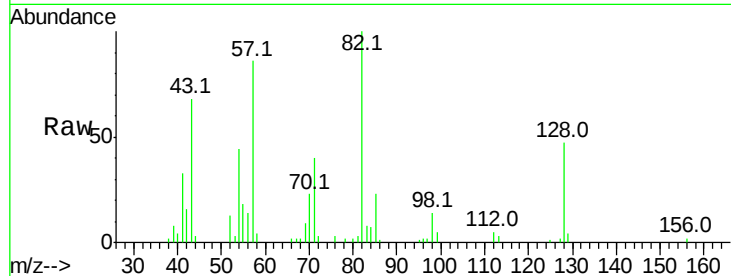
#23
 Nitrobenzene-d5
 Concen: 7.775 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: BF100049.D
 Acq: 1 Nov 2017 17:48

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-102717-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.3	36.1	54.1
54	43.7	41.4	62.2

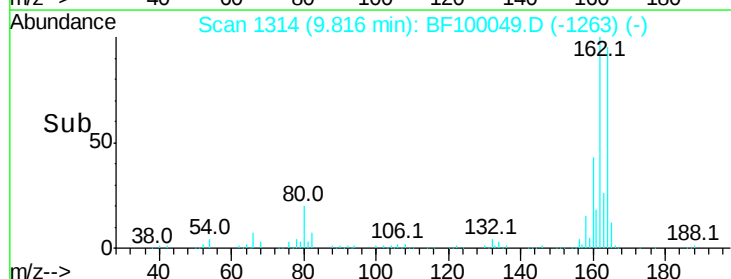
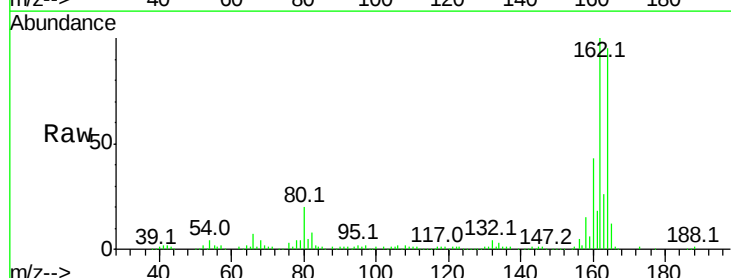
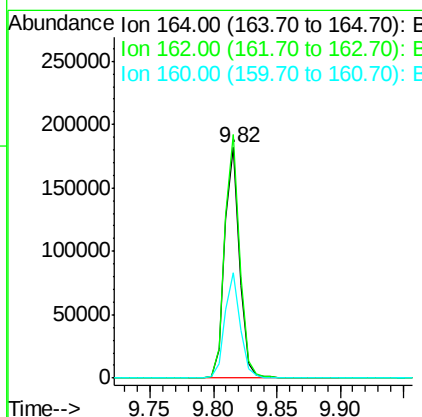
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.00 min
 Lab File: BF100049.D
 Acq: 1 Nov 2017 17:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	45.8	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 10.049 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.00 min

Lab File: BF100049.D

Acq: 1 Nov 2017 17:48

Instrument :

BNA_F

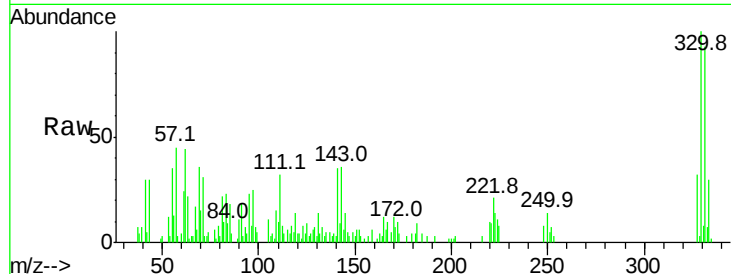
ClientSampleId :

EO-01-102717-C

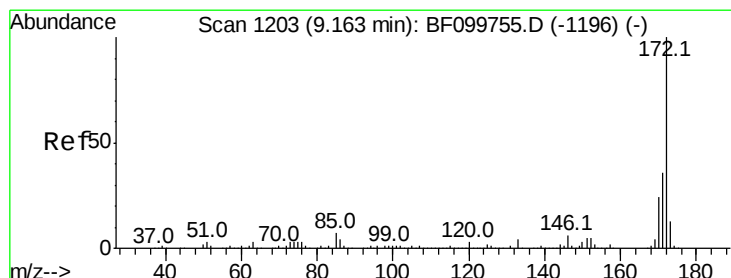
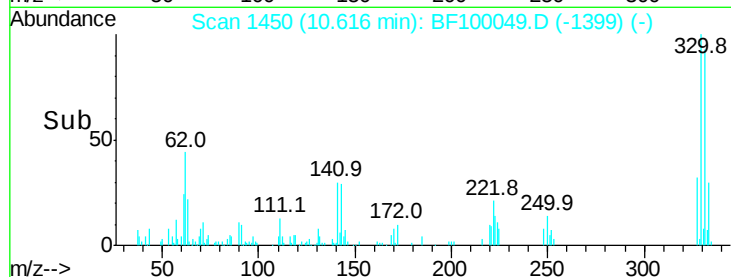
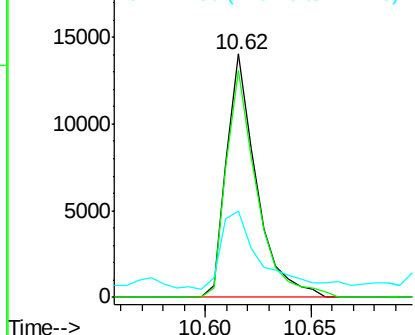
Tot Ion:	330	Resp:	13725
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.0	115.6
141	40.3	29.9	44.9

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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



#44

2-Fluorobiphenyl

Concen: 9.029 ng

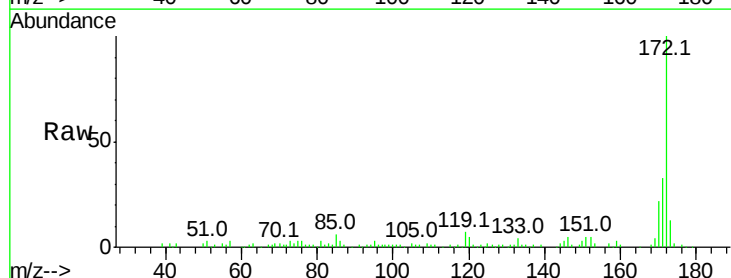
RT: 9.13 min Scan# 1198

Delta R.T. 0.00 min

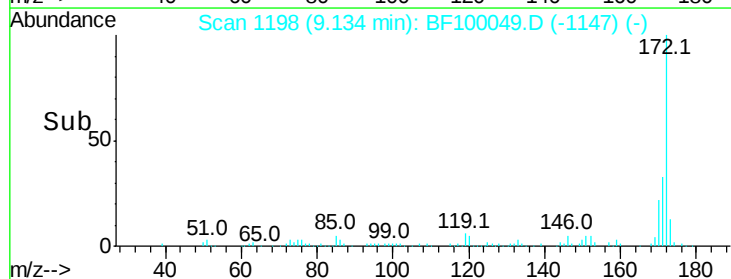
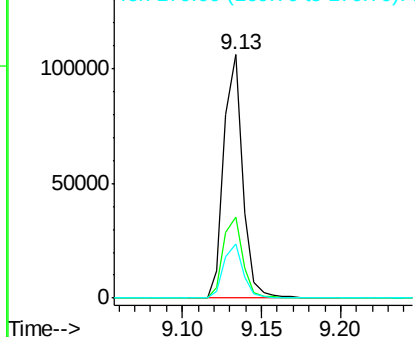
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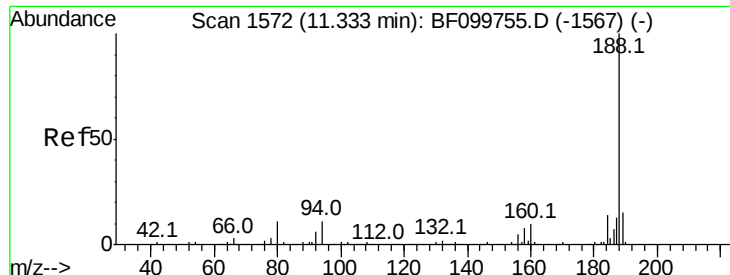
Acq: 1 Nov 2017 17:48

Tgt Ion:	172	Resp:	87713
Ion Ratio	Lower	Upper	
172	100		
171	33.2	29.7	44.5
170	22.2	19.6	29.4



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





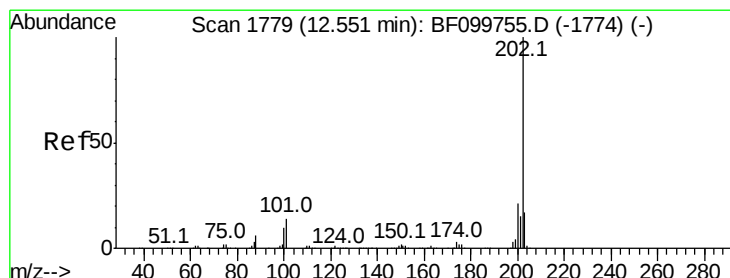
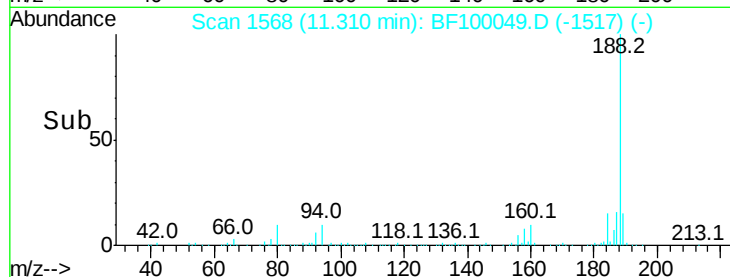
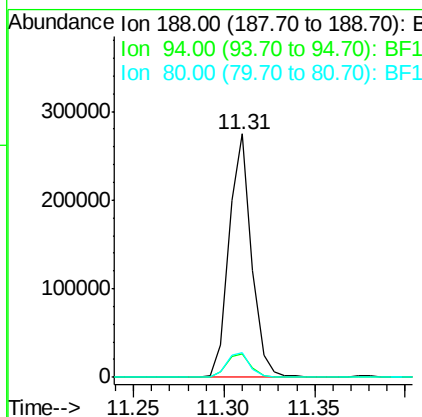
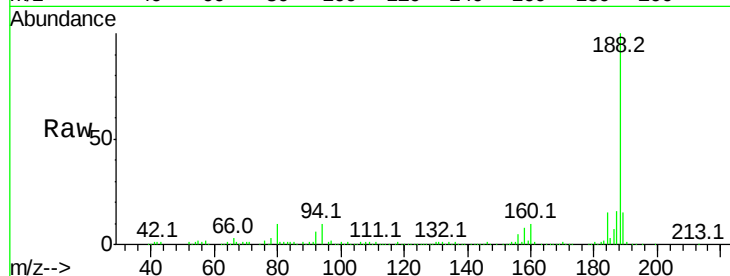
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Instrument :
BNA_F
ClientSampleId :
EO-01-102717-C

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.0	9.2	13.8

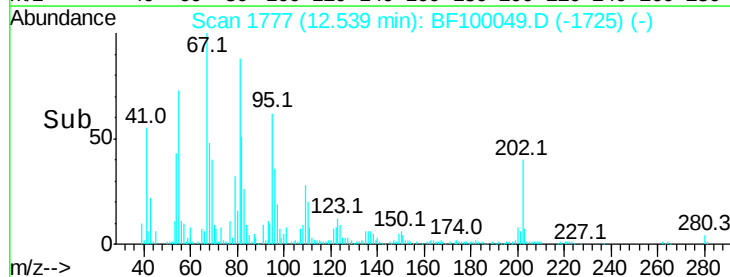
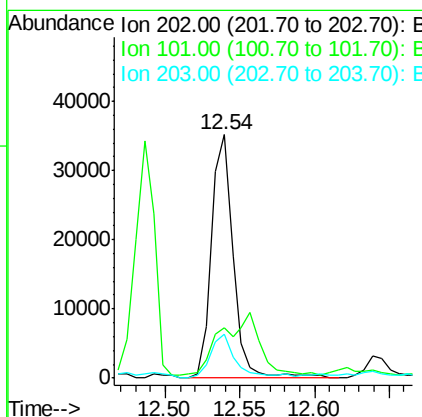
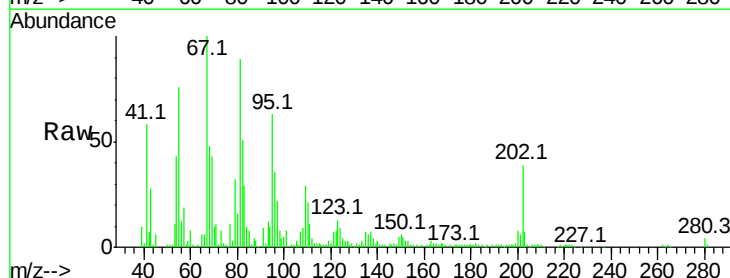
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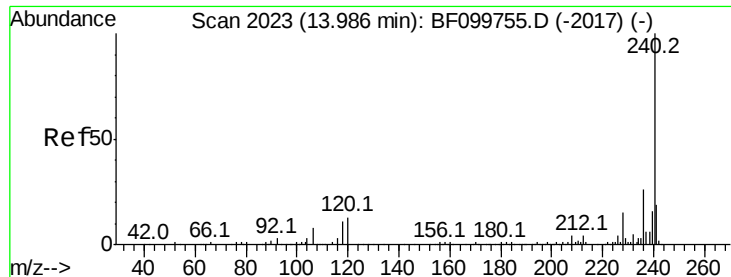
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#74
Fluoranthene
Concen: 2.573 ng
RT: 12.54 min Scan# 1777
Delta R.T. 0.01 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	20.5	0.0	34.1
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF100049.D

Acq: 1 Nov 2017 17:48

Instrument :

BNA_F

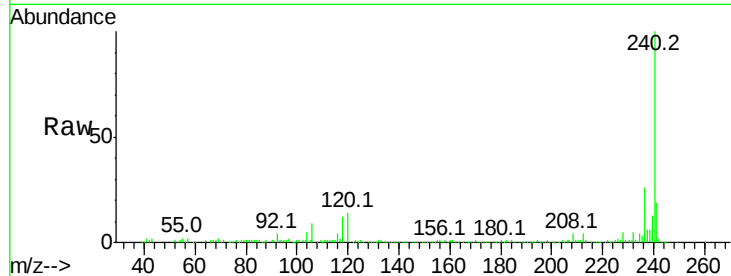
ClientSampleId :

EO-01-102717-C

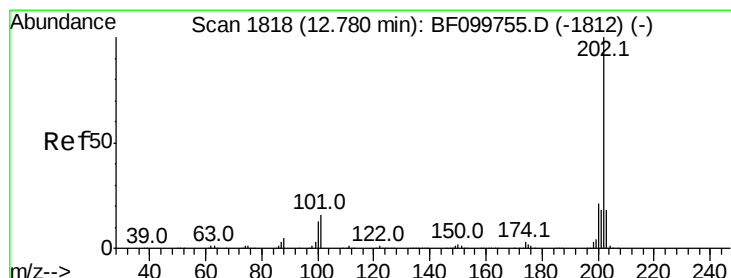
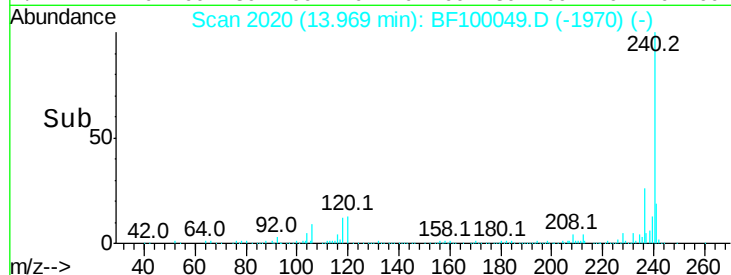
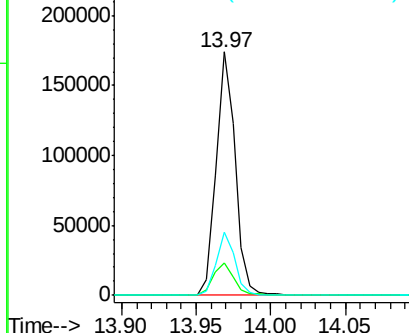
Tot Ion:	240	Resp:	155538
Ion Ratio	Lower	Upper	
240	100		
120	13.5	9.5	14.3
236	26.0	20.7	31.1

Manual Integrations
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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



#77

Pyrene

Concen: 3.320 ng

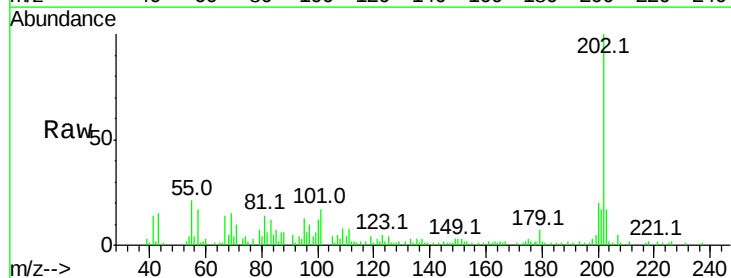
RT: 12.77 min Scan# 1816

Delta R.T. 0.01 min

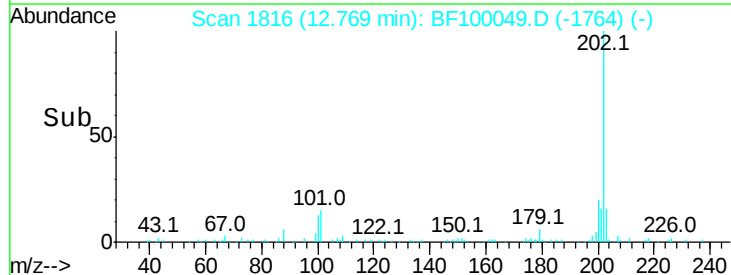
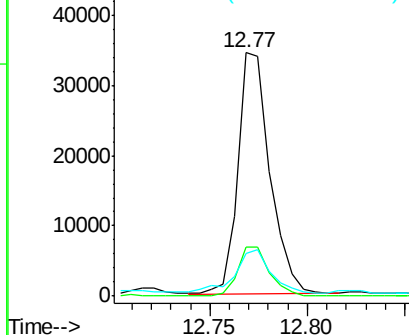
Lab File: BF100049.D

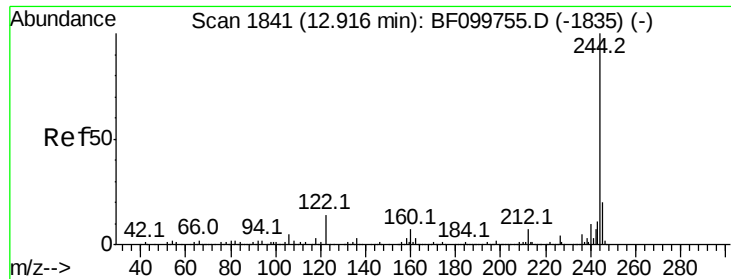
Acq: 1 Nov 2017 17:48

Tgt Ion:	202	Resp:	39266
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.4	26.2
203	17.3	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





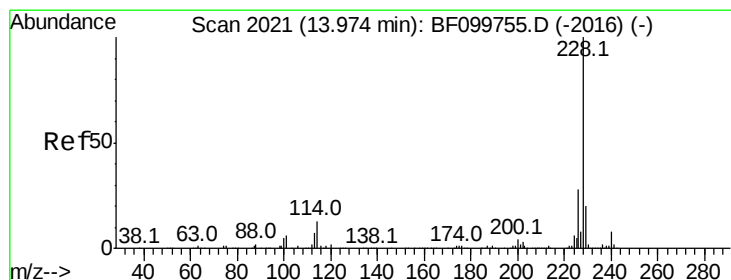
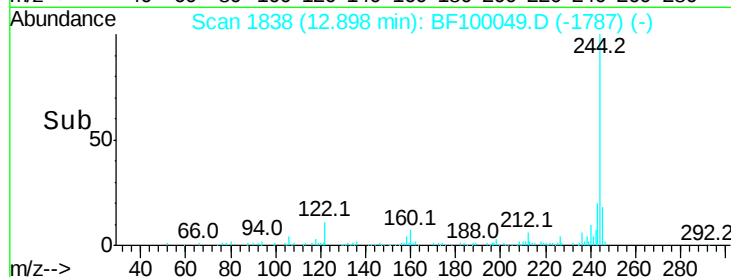
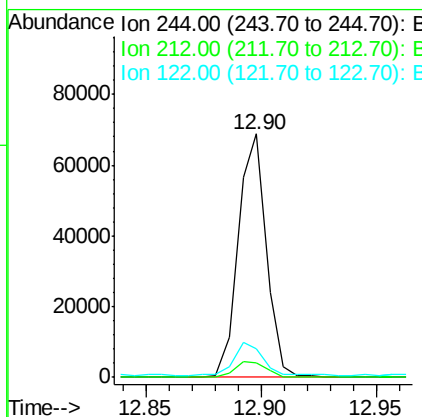
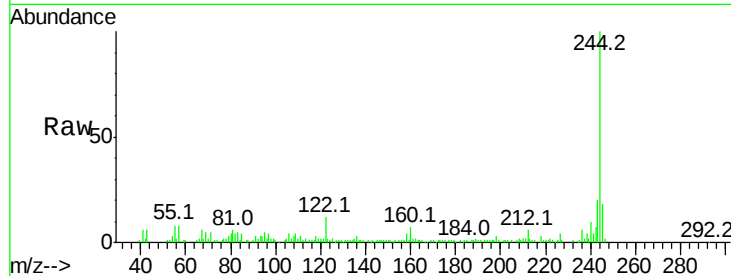
#78
 Terphenyl-d14
 Concen: 8.175 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF100049.D
 Acq: 1 Nov 2017 17:48

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-102717-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	5.9	5.4	8.0
122	11.8	11.0	16.4

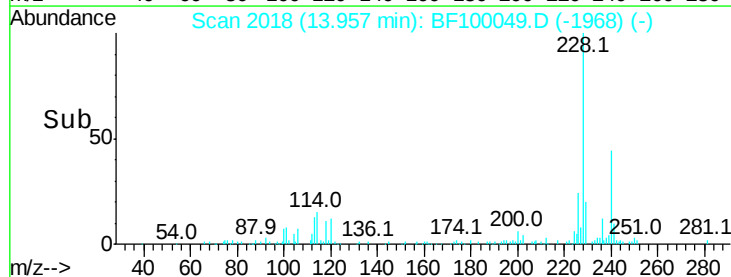
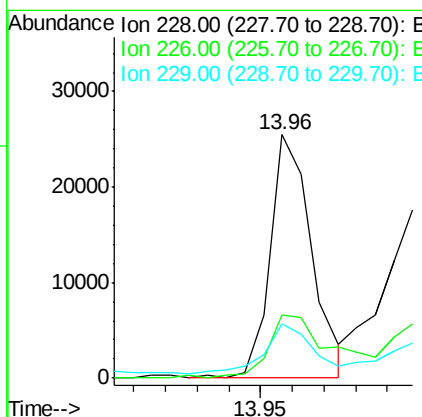
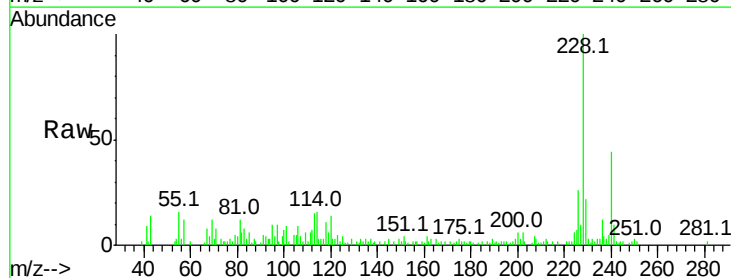
Manual Integrations
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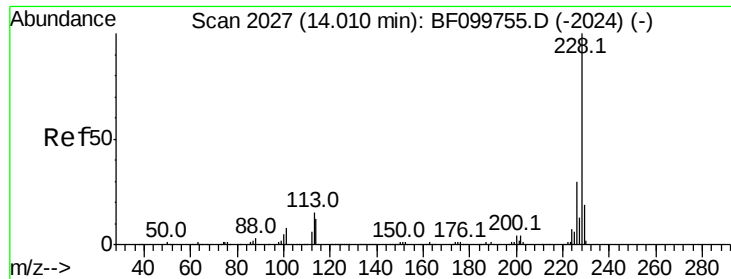
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#80
 Benzo(a)anthracene
 Concen: 2.357 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF100049.D
 Acq: 1 Nov 2017 17:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.6	33.8
229	22.5	15.8	23.6





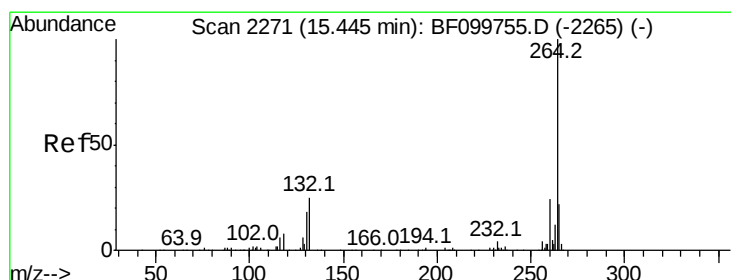
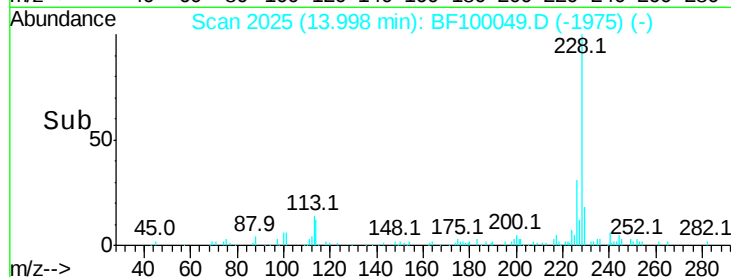
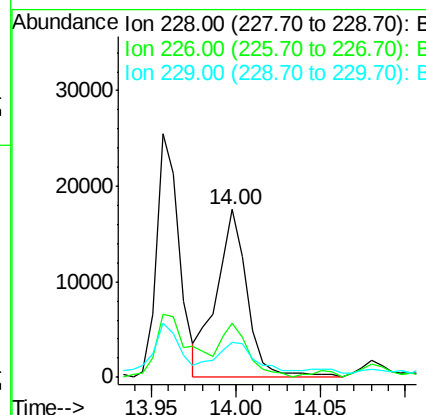
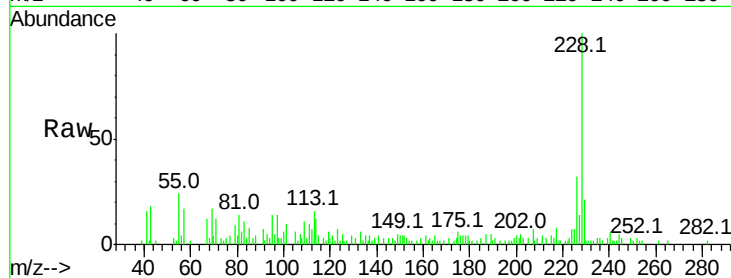
#82
Chrysene
Concen: 2.443 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Instrument :
BNA_F
ClientSampleId :
EO-01-102717-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.6
229	21.2	16.2	24.4

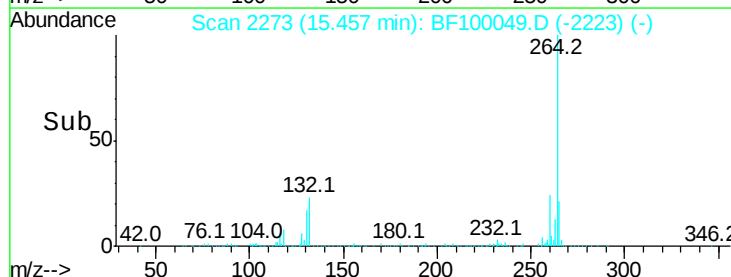
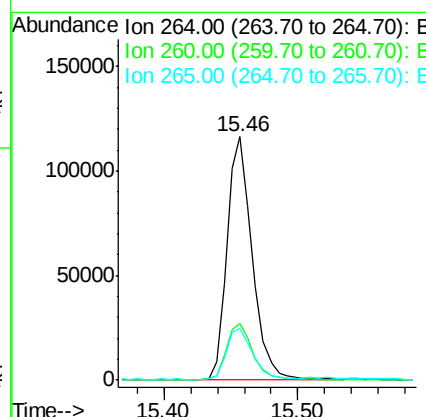
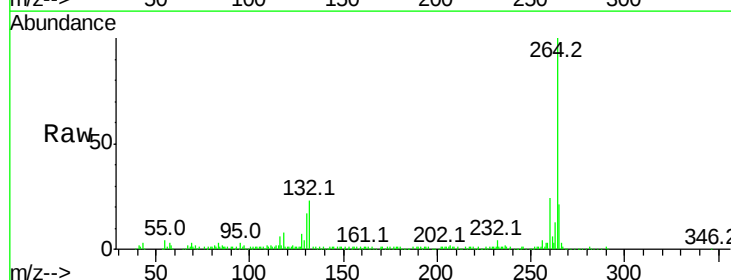
Manual Integrations
APPROVED

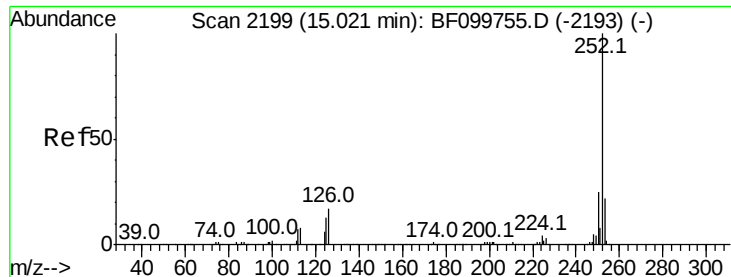
Sohil
11/2/2017 4:27:07 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF100049.D
Acq: 1 Nov 2017 17:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 3.001 ng

RT: 15.03 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BF100049.D

Acq: 1 Nov 2017 17:48

Instrument :

BNA_F

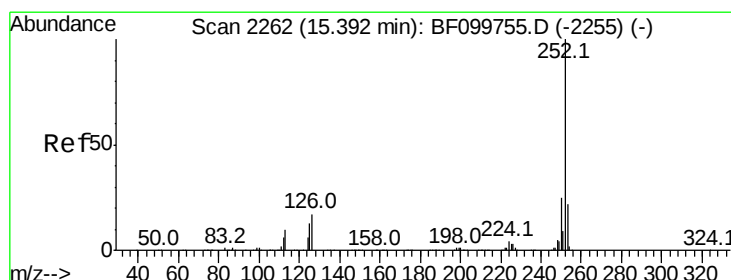
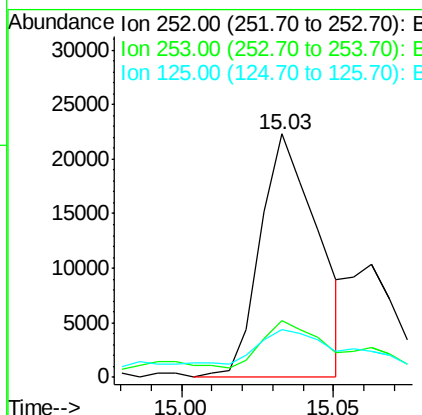
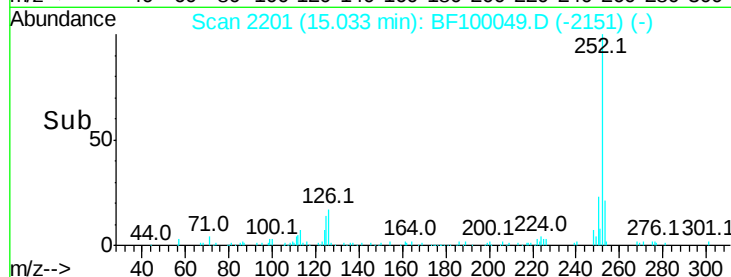
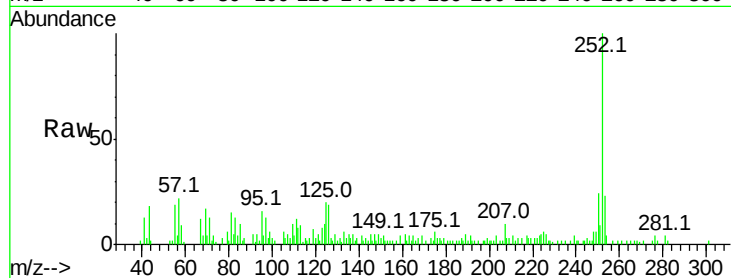
ClientSampleId :

EO-01-102717-C

Tot Ion:	252	Resp:	29400
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.0	25.6
125	19.5	9.0	13.6#

Manual Integrations
APPROVED

Sohil
11/2/2017 4:27:07 PM



#89

Benzo(a)pyrene

Concen: 2.408 ng

RT: 15.40 min Scan# 2264

Delta R.T. -0.01 min

Lab File: BF100049.D

Acq: 1 Nov 2017 17:48

Tgt Ion:	252	Resp:	21191
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.1	25.7
125	20.1	9.8	14.6#

