

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
 Data File : BF099696.D
 Acq On : 20 Oct 2017 13:06
 Operator : SJ/JU
 Sample : I5953-04 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-101717-B

Manual Integrations
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Quant Time: Oct 22 00:04:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	97961	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	399966	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	173496	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	261532	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	181724	20.00	ng	0.00
86) Perylene-d12	15.44	264	183224	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	94080	15.29	ng	0.00
7) Phenol-d6	6.45	99	115329	15.19	ng	-0.01
23) Nitrobenzene-d5	7.37	82	67003	10.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	20793	14.65	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	140636	13.53	ng	-0.01
78) Terphenyl-d14	12.92	244	86890	10.87	ng	0.00
Target Compounds						
70) Phenanthrene	11.36	178	75416	5.387	ng	99
74) Fluoranthene	12.55	202	63412	4.473	ng	97
77) Pyrene	12.79	202	73484	5.303	ng	97
80) Benzo(a)anthracene	13.97	228	30130m	2.738	ng	
82) Chrysene	14.00	228	29397	2.806	ng	96
87) Benzo(b)fluoranthene	15.02	252	31985m	2.839	ng	
89) Benzo(a)pyrene	15.38	252	23709	2.293	ng	# 87

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

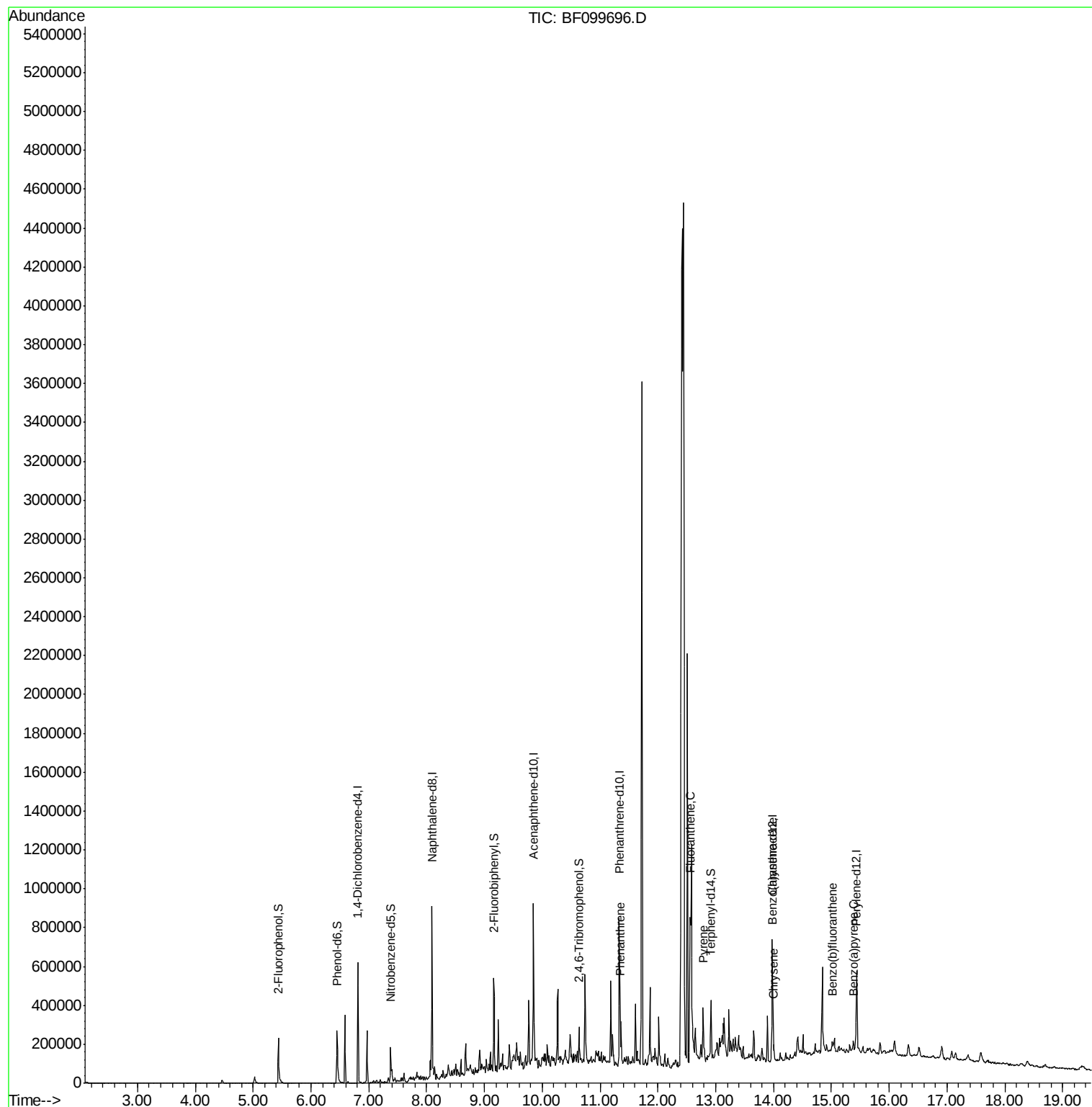
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
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ALS Vial : 5 Sample Multiplier: 1

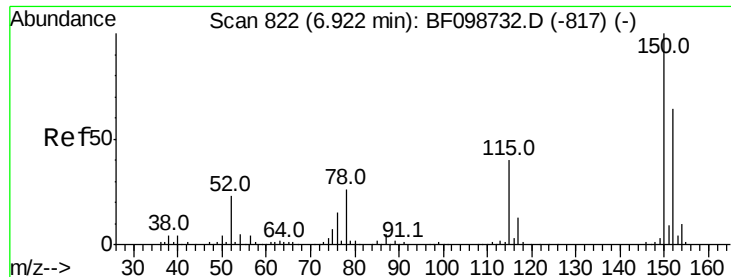
Instrument :
BNA_F
ClientSampleId :
EO-02-101717-B

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#1

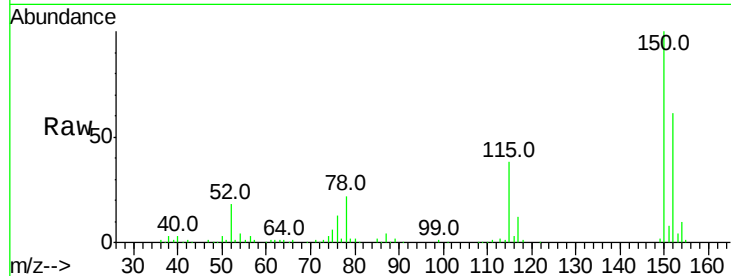
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099696.D
Acq: 20 Oct 2017 13:06

Instrument :
BNA_F
ClientSampleId :
EO-02-101717-B

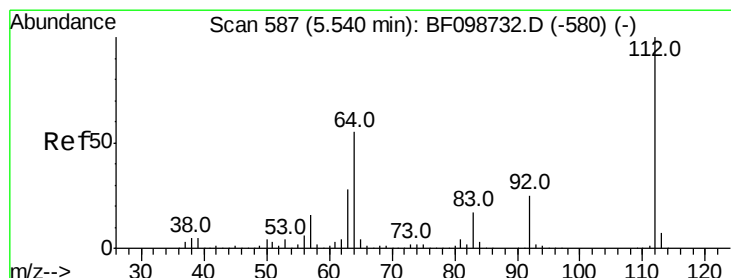
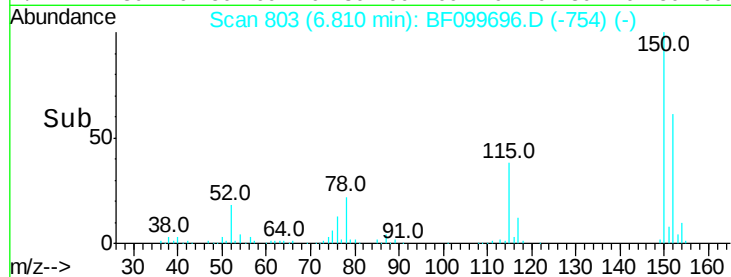
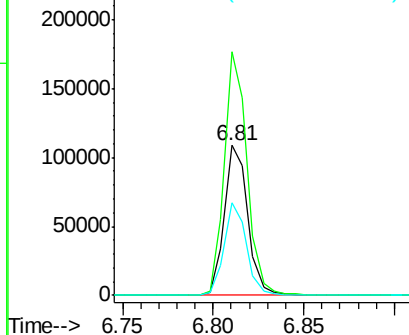
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	124.6	186.8
115	62.0	50.1	75.1

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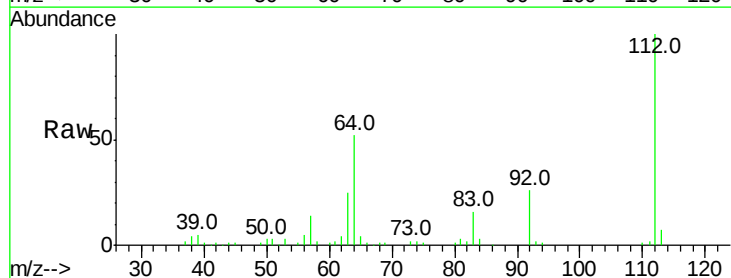
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



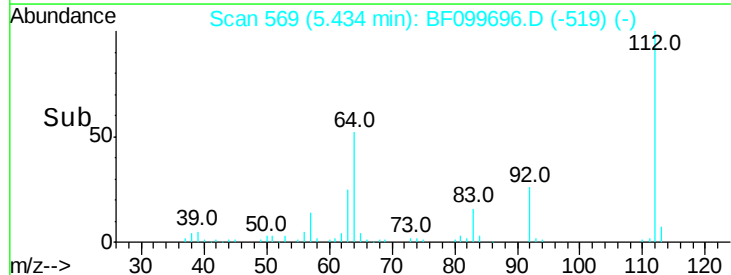
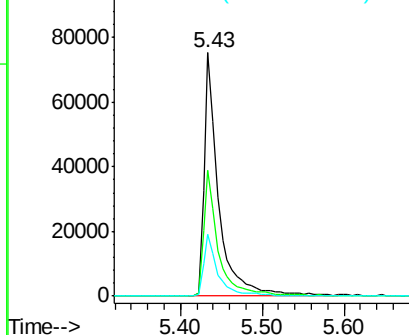
#5

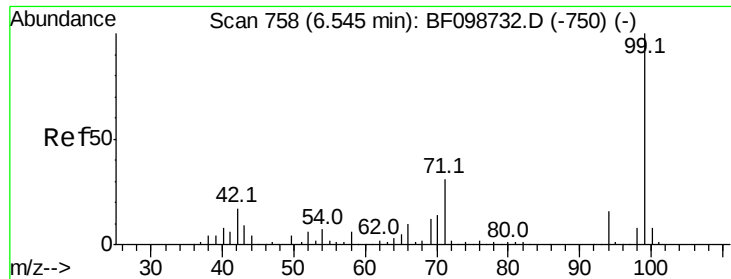
2-Fluorophenol
Concen: 15.288 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF099696.D
Acq: 20 Oct 2017 13:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.8	47.9	71.9
63	25.2	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 15.192 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099696.D

Acq: 20 Oct 2017 13:06

Instrument :

BNA_F

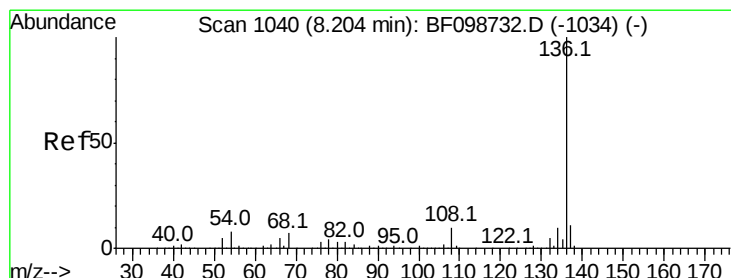
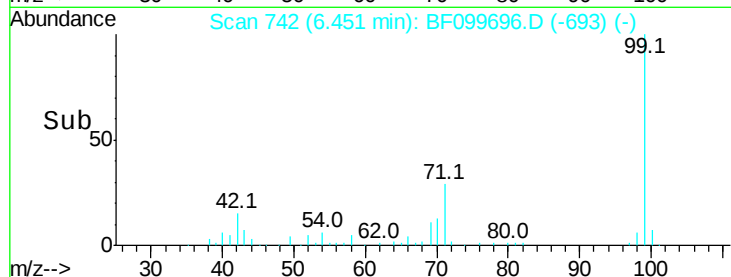
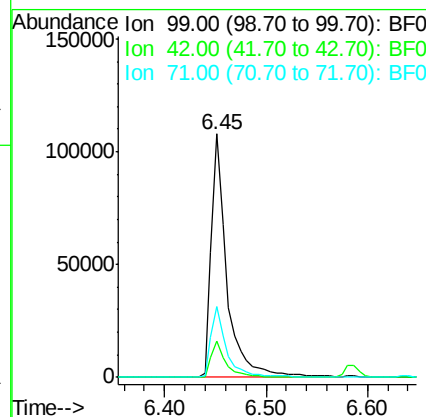
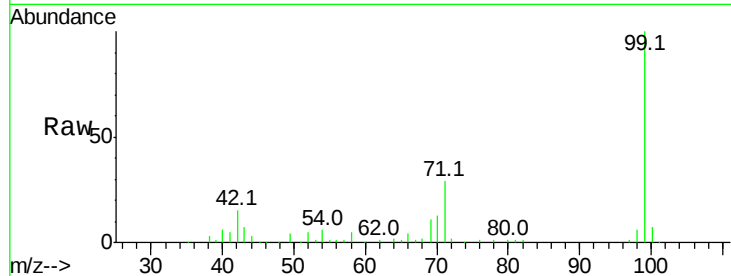
ClientSampleId :

EO-02-101717-B

Tot Ion:	99	Resp:	115329
Ion	Ratio	Lower	Upper
99	100		
42	14.7	14.5	21.7
71	28.9	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

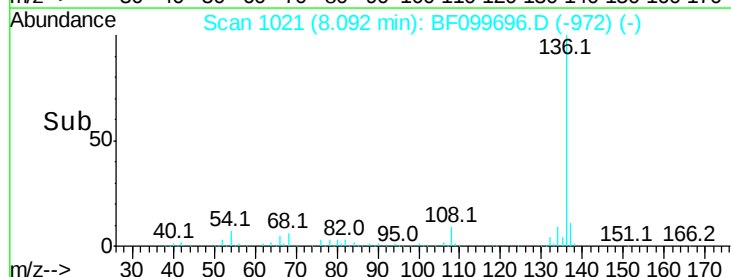
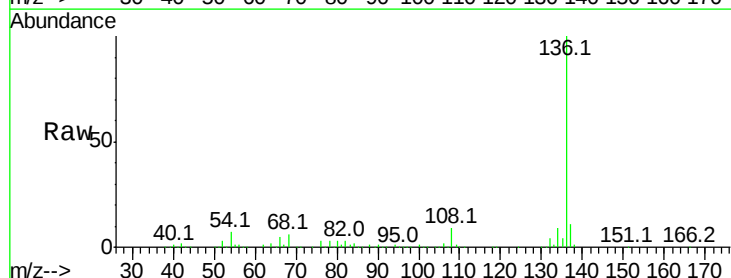
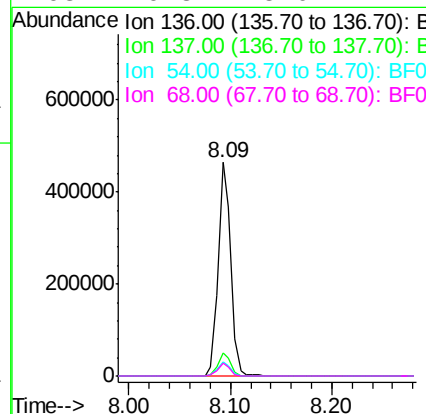
RT: 8.09 min Scan# 1021

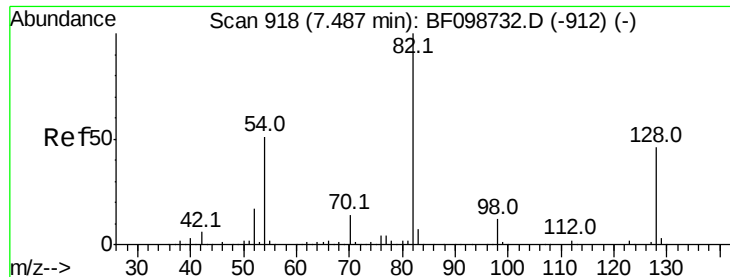
Delta R.T. -0.01 min

Lab File: BF099696.D

Acq: 20 Oct 2017 13:06

Tgt Ion:	136	Resp:	399966
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.9	6.6	9.8
68	6.3	5.0	7.4





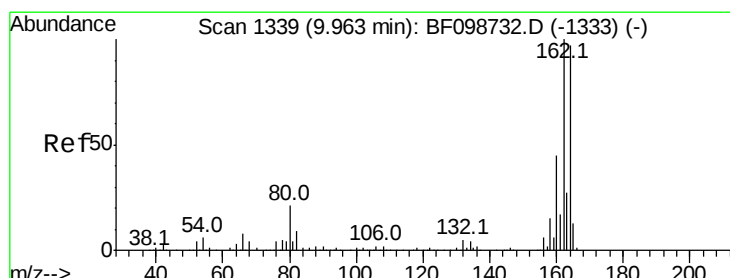
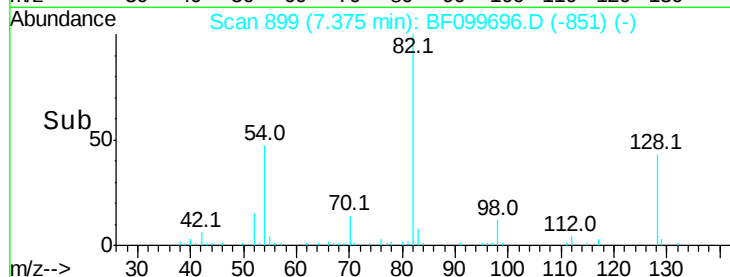
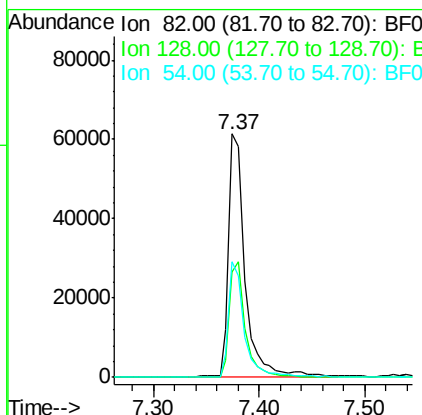
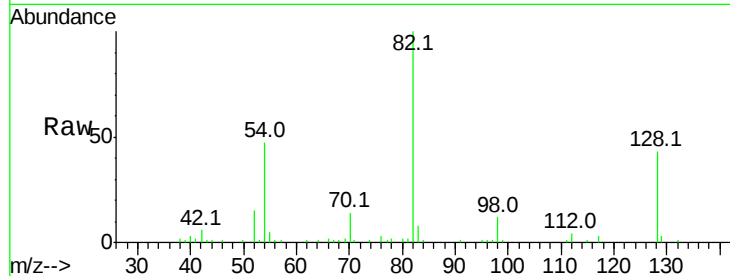
#23
Nitrobenzene-d5
Concen: 10.743 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.02 min
Lab File: BF099696.D
Acq: 20 Oct 2017 13:06

Instrument :
BNA_F
ClientSampleId :
EO-02-101717-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	36.1	54.1
54	47.4	41.4	62.2

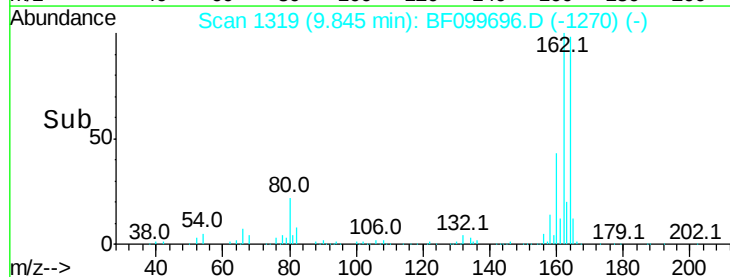
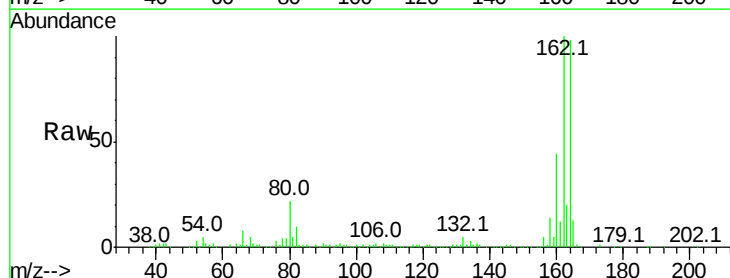
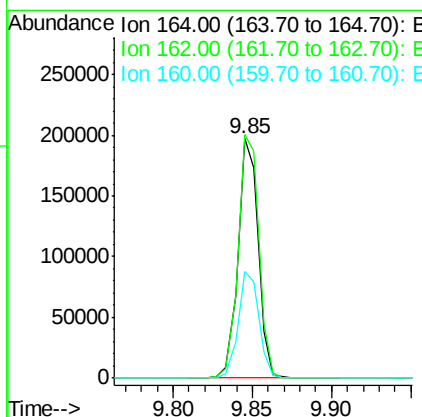
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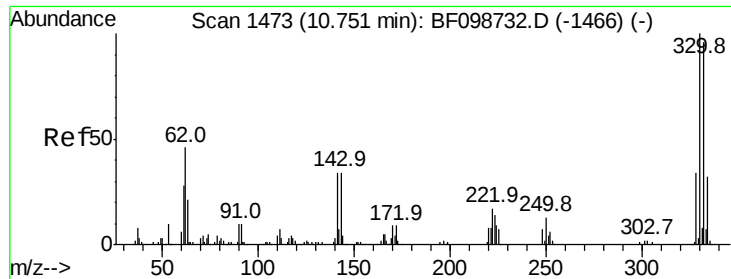
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF099696.D
Acq: 20 Oct 2017 13:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	86.1	129.1
160	44.3	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 14.646 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF099696.D

Acq: 20 Oct 2017 13:06

Instrument :

BNA_F

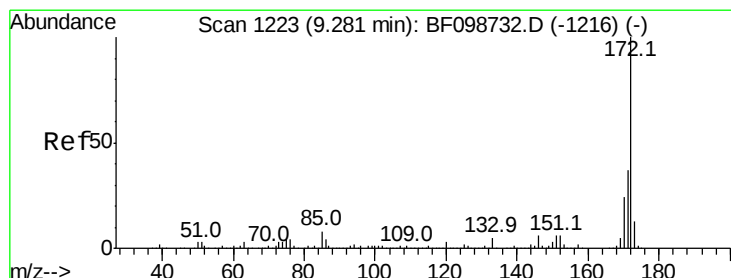
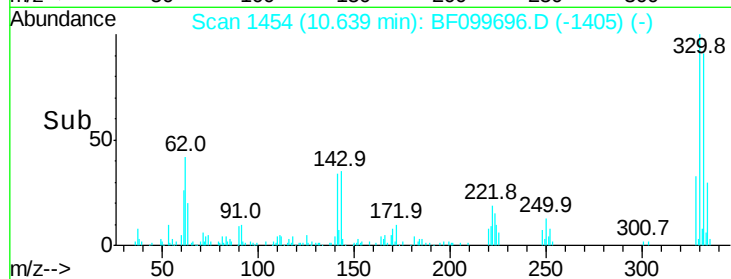
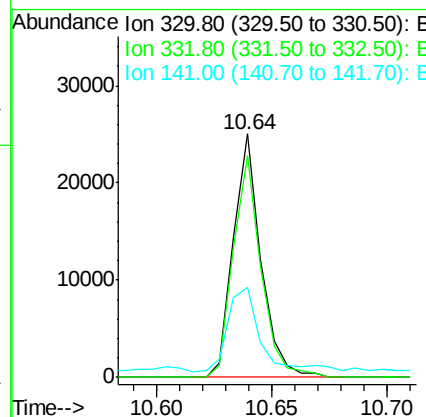
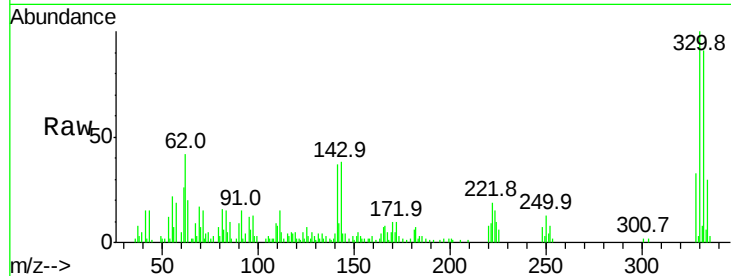
ClientSampleId :

EO-02-101717-B

Tot Ion:	330	Resp:	20793
Ion Ratio	Lower	Upper	
330	100		
332	91.6	77.0	115.6
141	42.1	29.9	44.9

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#44

2-Fluorobiphenyl

Concen: 13.532 ng

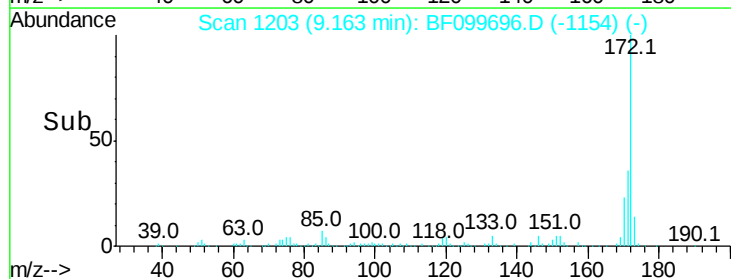
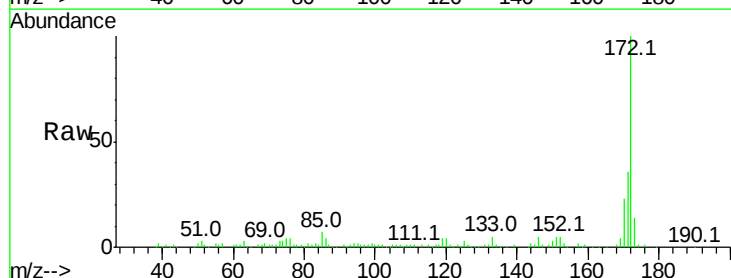
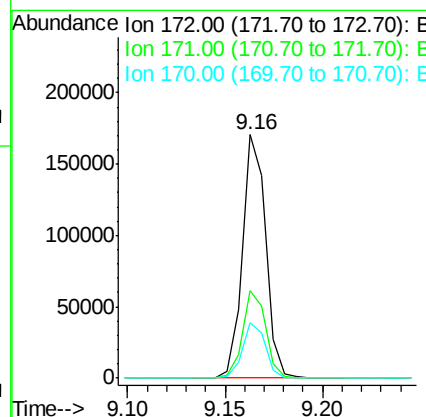
RT: 9.16 min Scan# 1203

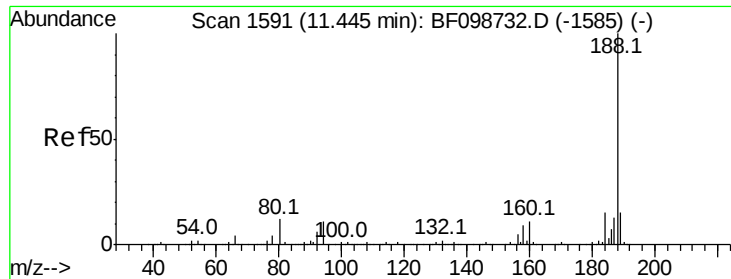
Delta R.T. -0.01 min

Lab File: BF099696.D

Acq: 20 Oct 2017 13:06

Tgt Ion:	172	Resp:	140636
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.7	44.5
170	22.6	19.6	29.4





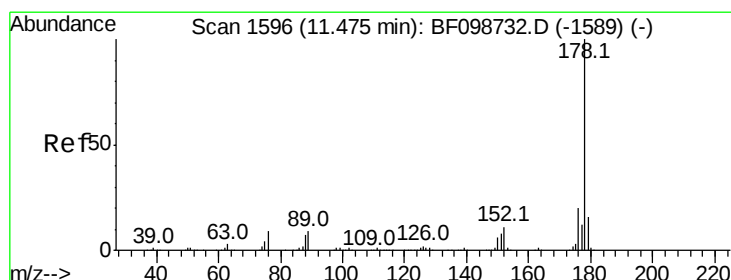
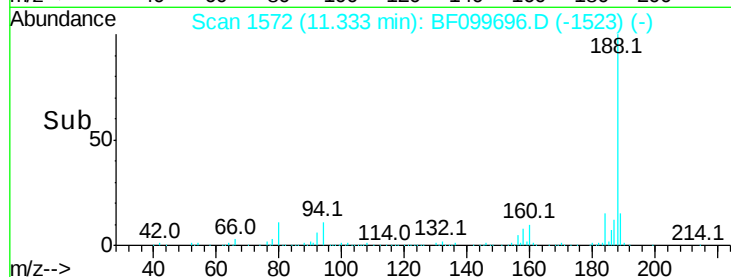
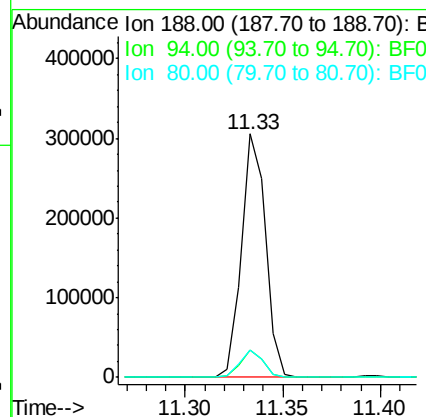
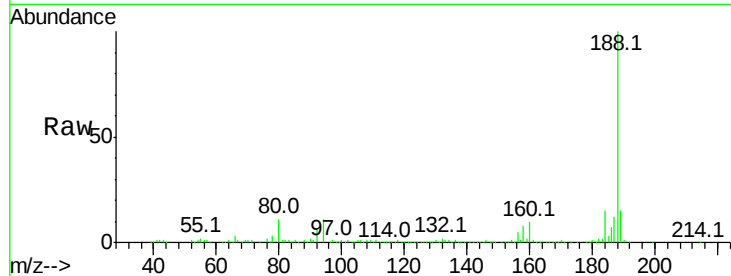
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF099696.D
Acq: 20 Oct 2017 13:06

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BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100	261532		
94	11.0		8.5	12.7
80	11.5		9.2	13.8

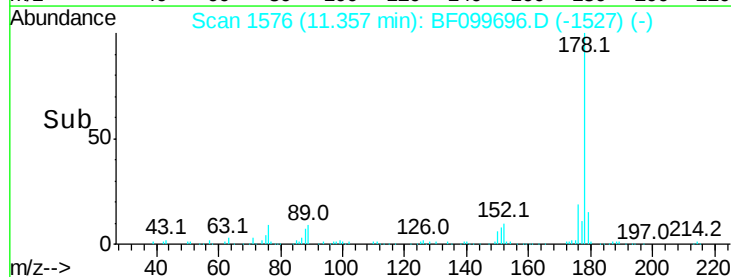
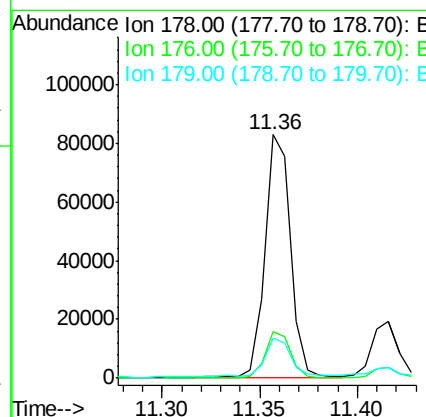
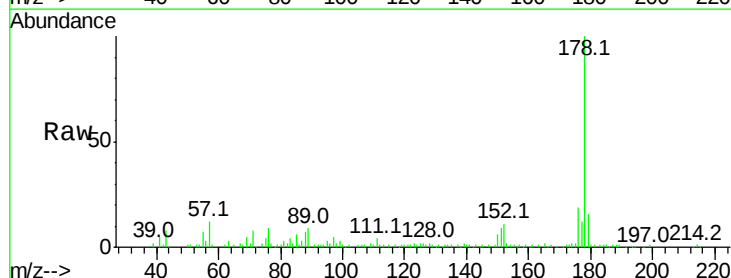
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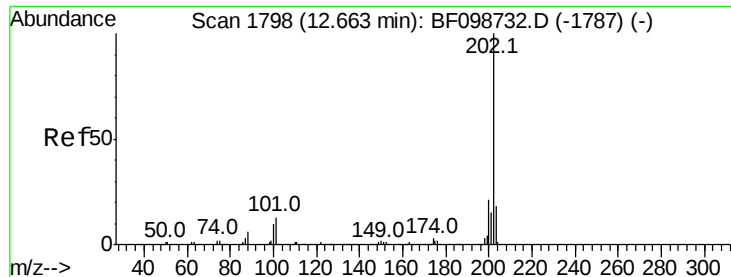
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#70
Phenanthrene
Concen: 5.387 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF099696.D
Acq: 20 Oct 2017 13:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	75416		
176	19.1		15.8	23.8
179	16.3		13.0	19.6





#74

Fluoranthene

Concen: 4.473 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BF099696.D

Acq: 20 Oct 2017 13:06

Instrument :

BNA_F

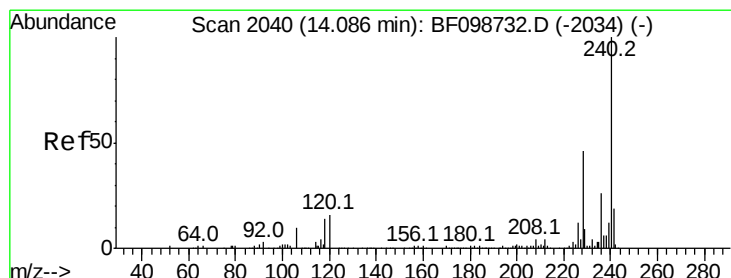
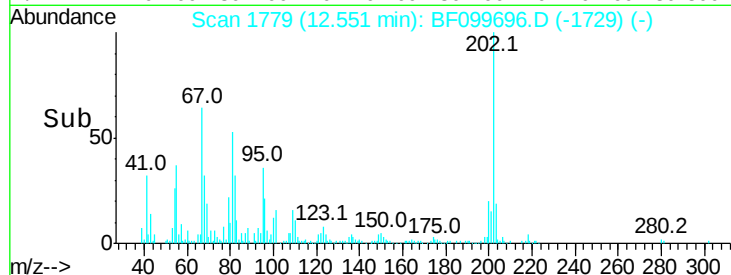
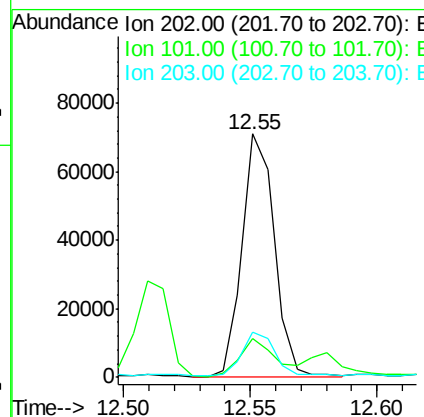
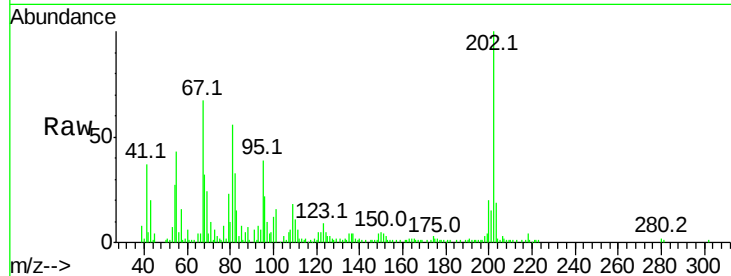
ClientSampleId :

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Tot Ion:	202	Resp:	63412
Ion Ratio		Lower	Upper
202	100		
101	16.1	0.0	34.1
203	18.7	0.0	38.1

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#75

Chrysene-d12

Concen: 20.000 ng

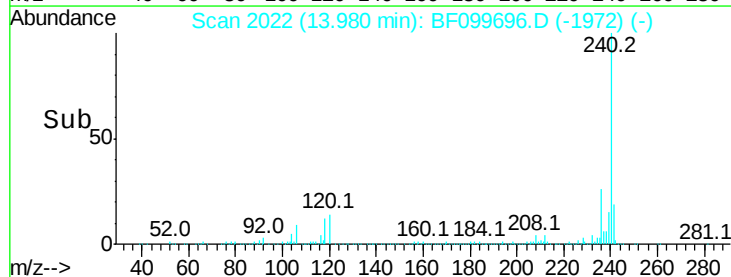
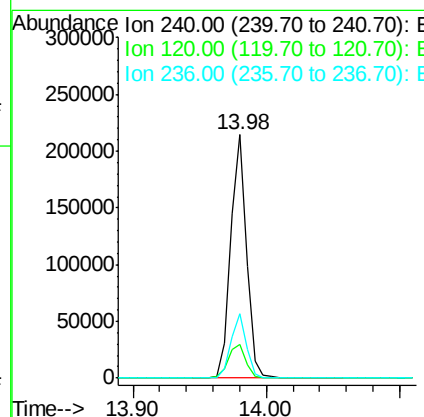
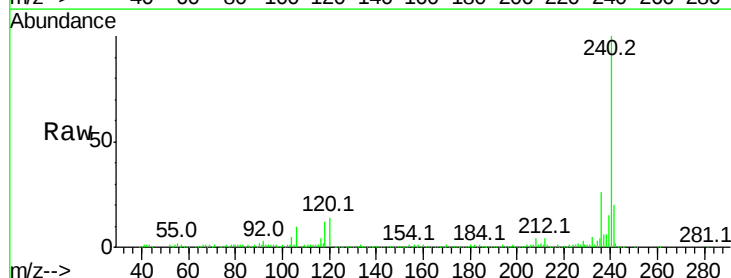
RT: 13.98 min Scan# 2022

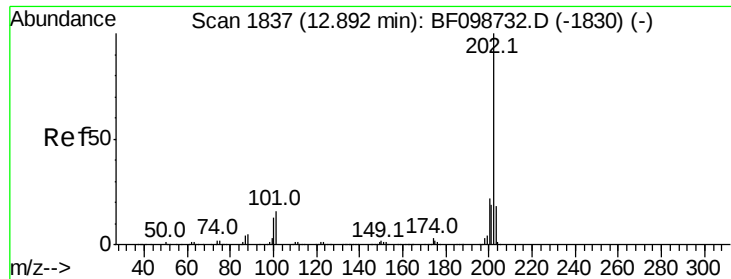
Delta R.T. -0.01 min

Lab File: BF099696.D

Acq: 20 Oct 2017 13:06

Tgt Ion:	240	Resp:	181724
Ion Ratio		Lower	Upper
240	100		
120	13.8	9.5	14.3
236	26.4	20.7	31.1





#77

Pvrene

Concen: 5.303 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BF099696.D

Acq: 20 Oct 2017 13:06

Instrument :

BNA_F

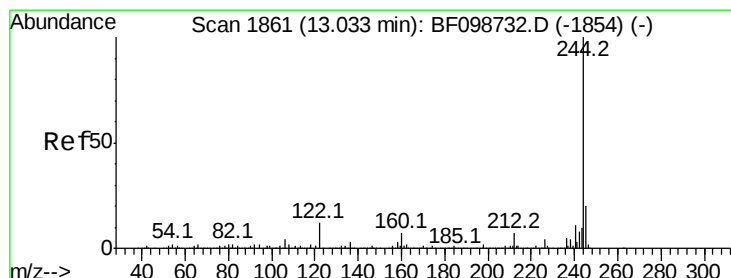
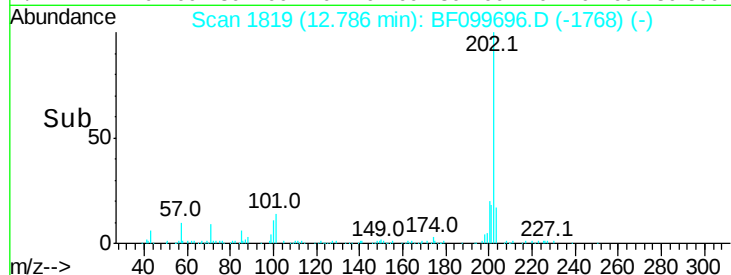
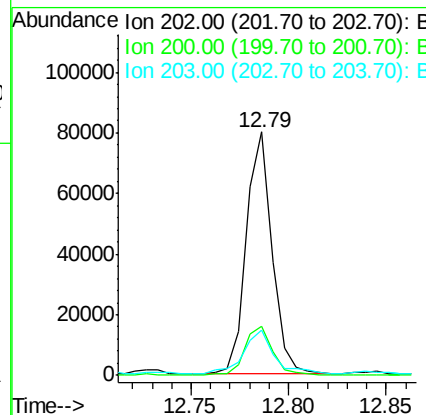
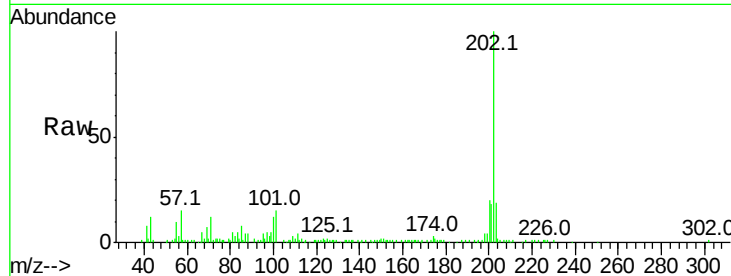
ClientSampleId :

EO-02-101717-B

Tot Ion:	202	Resp:	73484
Ion Ratio	Lower	Upper	
202	100		
200	20.3	17.4	26.2
203	18.7	14.3	21.5

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#78

Terphenyl-d14

Concen: 10.874 ng

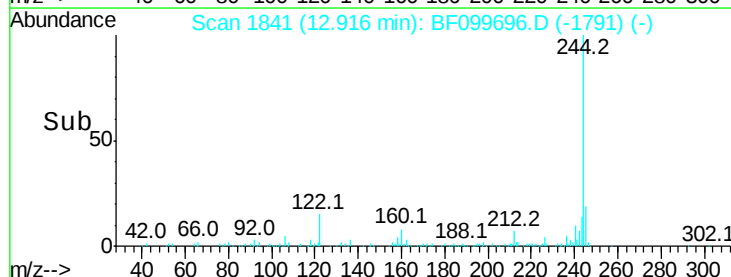
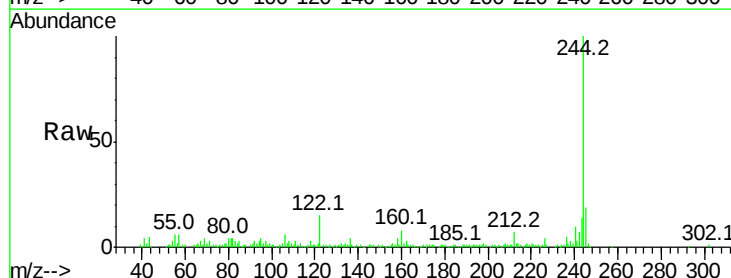
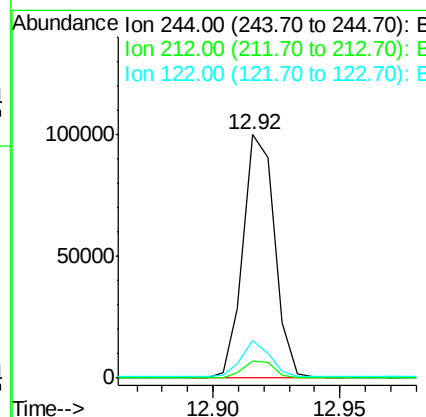
RT: 12.92 min Scan# 1841

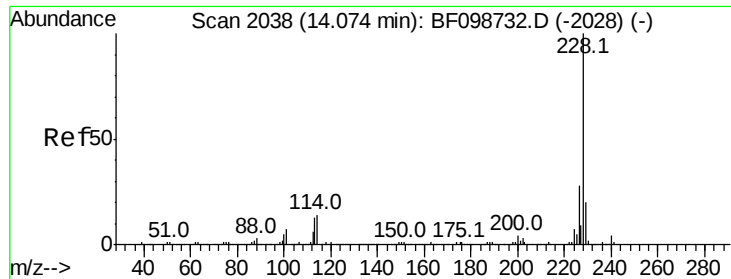
Delta R.T. -0.01 min

Lab File: BF099696.D

Acq: 20 Oct 2017 13:06

Tgt Ion:	244	Resp:	86890
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	15.5	11.0	16.4





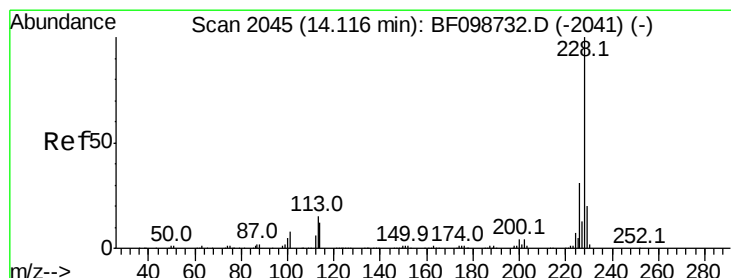
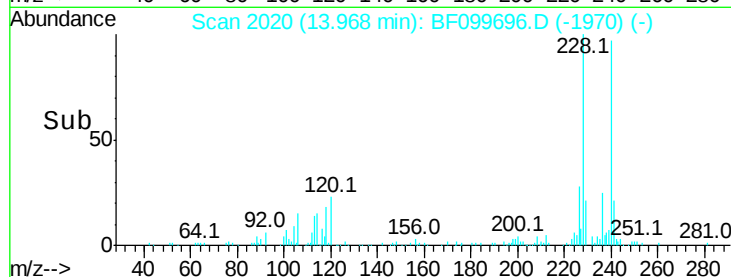
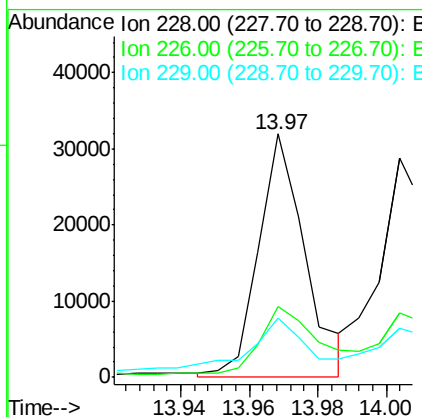
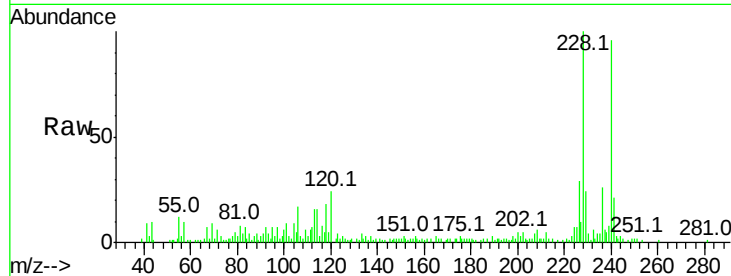
#80
Benzo(a)anthracene
Concen: 2.738 ng/mL
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF099696.D
Acq: 20 Oct 2017 13:06

Instrument :
BNA_F
ClientSampleId :
EO-02-101717-B

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	24.3	15.8	23.6

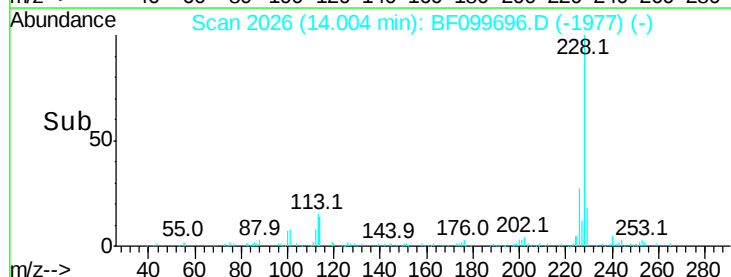
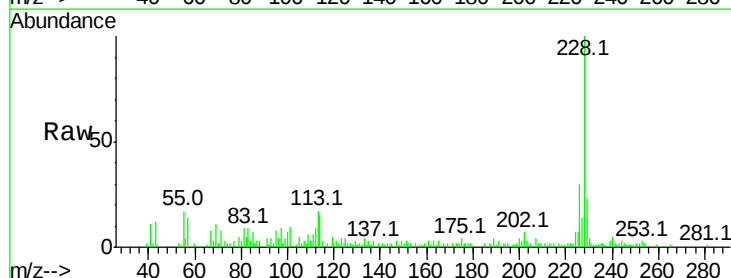
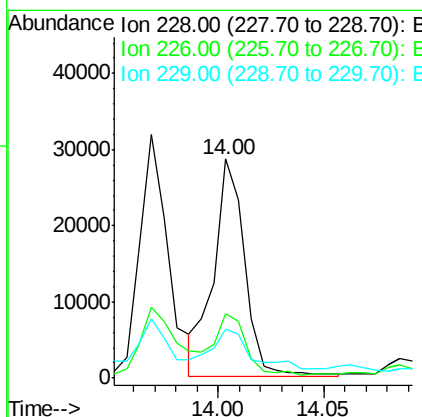
Manual Integrations
APPROVED

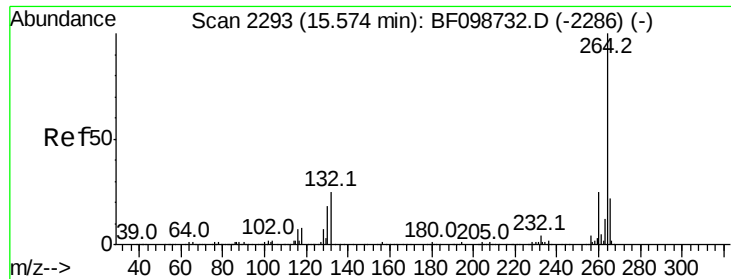
Sohil
10/23/2017 3:26:13 PM



#82
Chrysene
Concen: 2.806 ng/mL
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF099696.D
Acq: 20 Oct 2017 13:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	22.6	16.2	24.4





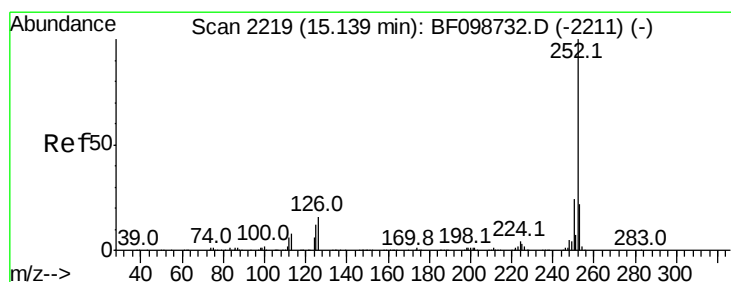
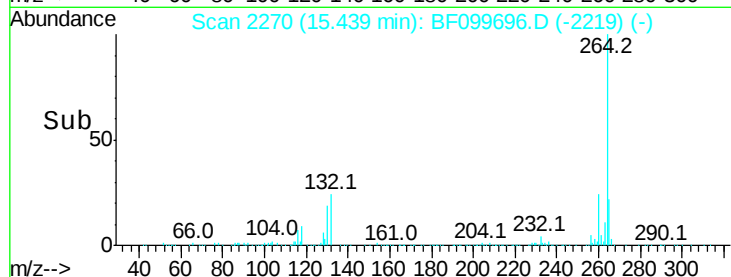
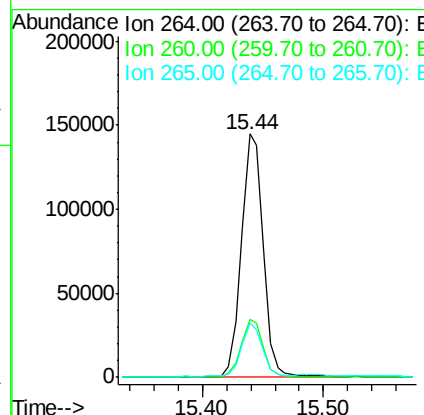
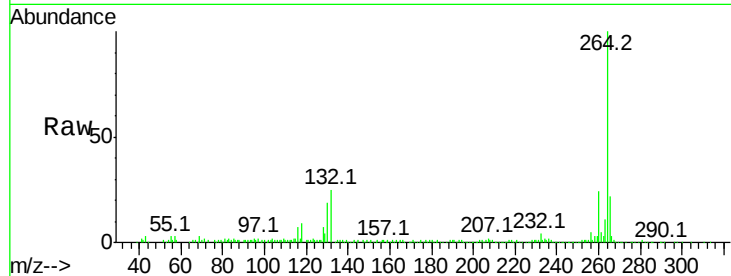
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF099696.D
Acq: 20 Oct 2017 13:06

Instrument :
BNA_F
ClientSampleId :
EO-02-101717-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.4	17.5	26.3

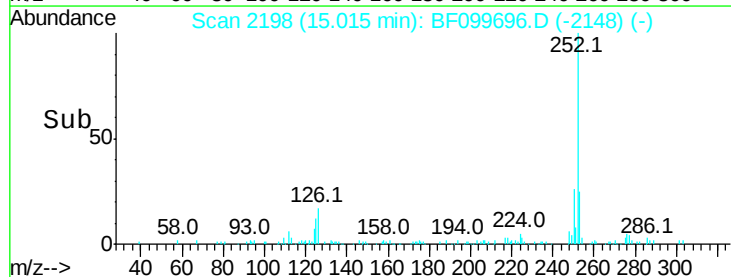
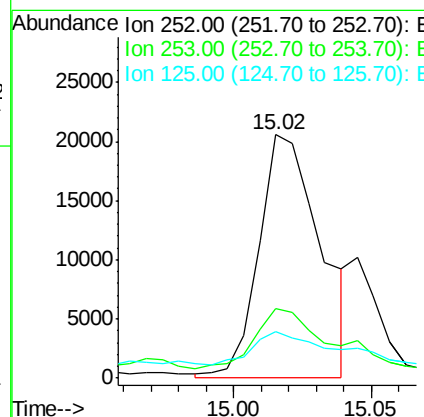
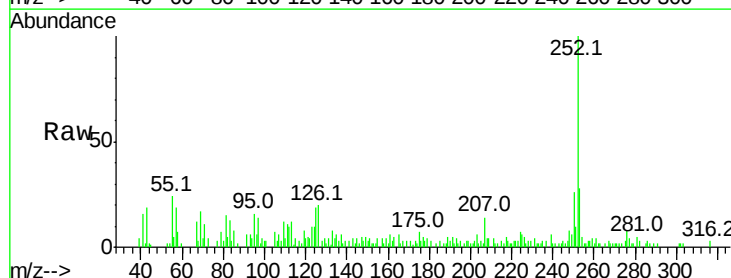
Manual Integrations
APPROVED

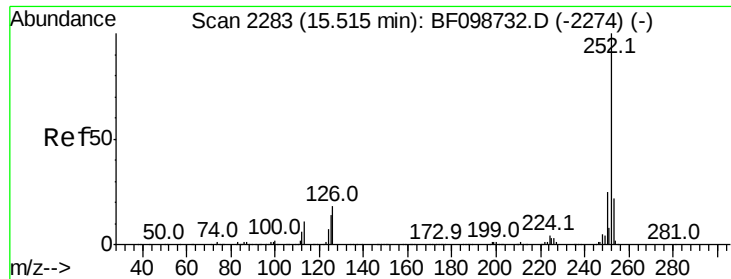
Sohil
10/23/2017 3:26:13 PM



#87
Benzo(b)fluoranthene
Concen: 2.839 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF099696.D
Acq: 20 Oct 2017 13:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.0	25.6#
125	18.8	9.0	13.6#





#89
Benzo(a)pyrene
Concen: 2.293 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF099696.D
Acq: 20 Oct 2017 13:06

Instrument :
BNA_F
ClientSampleId :
EO-02-101717-B

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.8	17.1	25.7#
125	17.9	9.8	14.6#

Manual Integrations
APPROVED

Sohil
10/23/2017 3:26:13 PM

