

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
 Data File : BF100556.D
 Acq On : 14 Nov 2017 21:24
 Operator : SJ/JU
 Sample : I6307-05 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-111017-C

Manual Integrations
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 11/15/2017 12:30:13 PM

Quant Time: Nov 15 03:01:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 14 14:17:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	105354	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	365493	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	134840	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	248569	20.00	ng	0.00
75) Chrysene-d12	14.05	240	251869	20.00	ng	0.00
86) Perylene-d12	15.52	264	167635	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	84160	12.81	ng	0.00
7) Phenol-d6	6.50	99	98406	12.14	ng	-0.01
23) Nitrobenzene-d5	7.44	82	51770	9.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	15683	11.41	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	96854	10.94	ng	-0.01
78) Terphenyl-d14	12.99	244	91555	8.35	ng	0.00
Target Compounds						
70) Phenanthrene	11.43	178	54133	4.136	ng	97
74) Fluoranthene	12.62	202	66604	4.802	ng	98
77) Pyrene	12.85	202	54779	3.051	ng	98
87) Benzo(b)fluoranthene	15.09	252	20701m	2.084	ng	

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

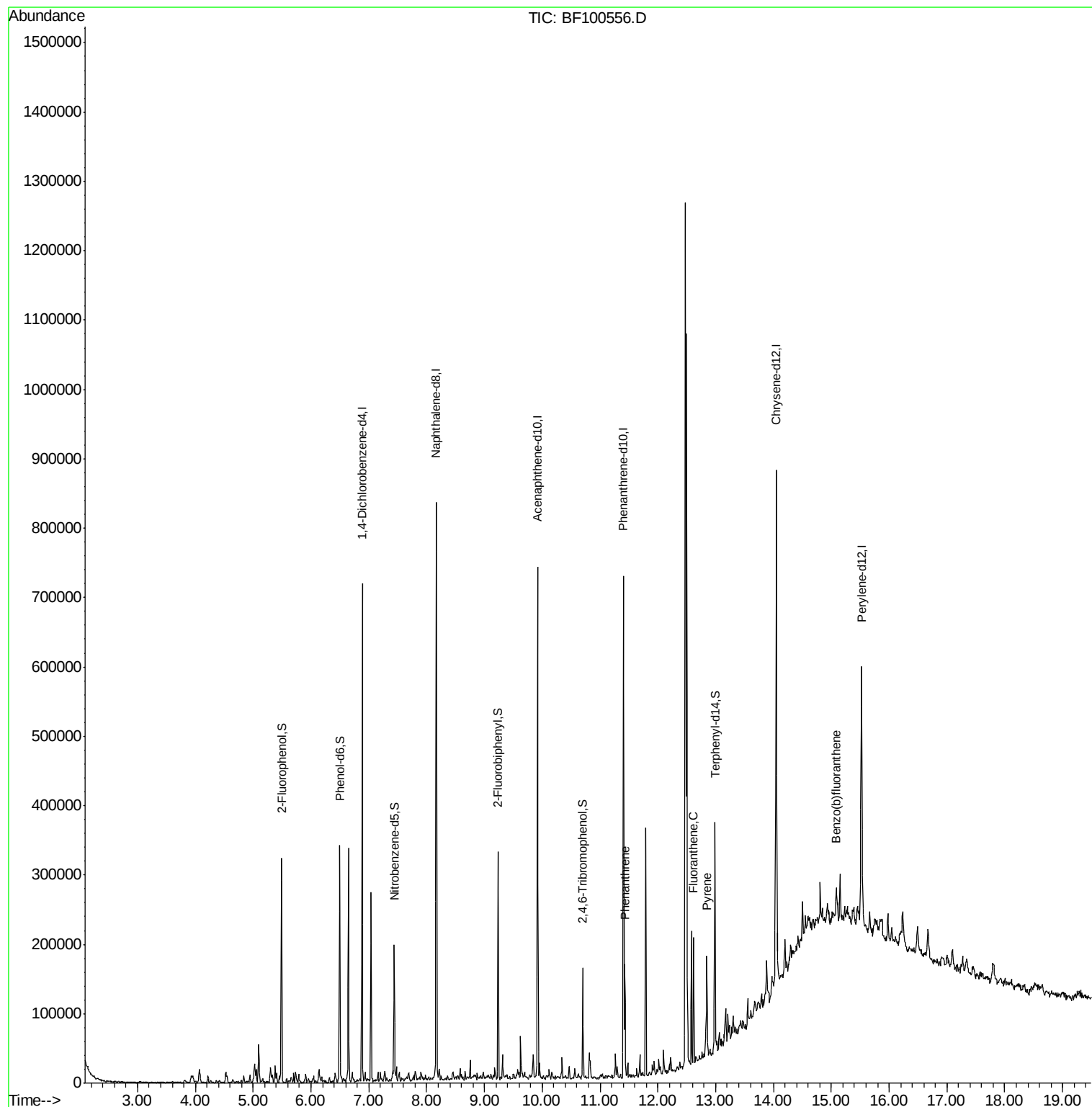
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111417\
Data File : BF100556.D
Acq On : 14 Nov 2017 21:24
Operator : SJ/JU
Sample : I6307-05 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-C

Manual Integrations
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Quant Time: Nov 15 03:01:14 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 14:17:16 2017
Response via : Initial Calibration





#1

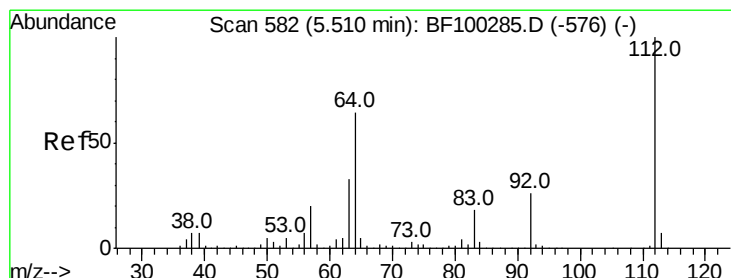
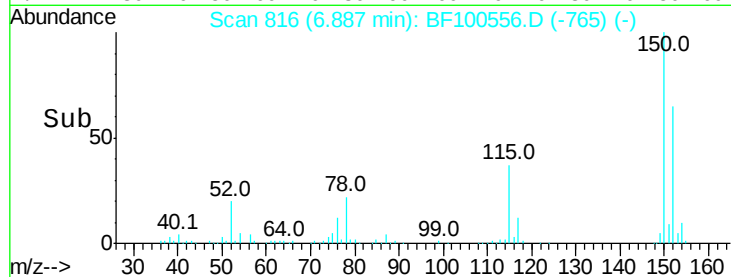
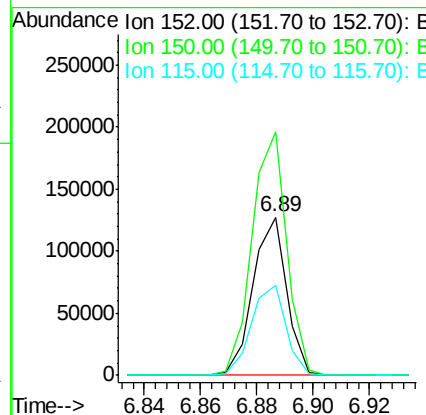
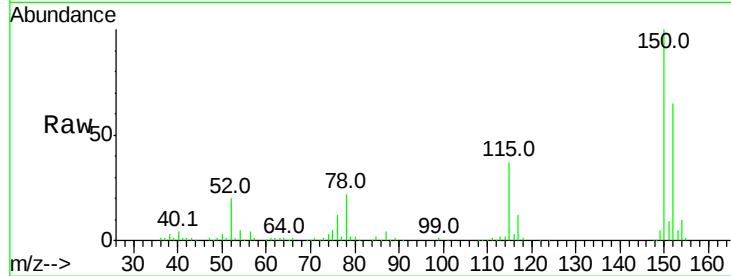
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF100556.D
Acq: 14 Nov 2017 21:24

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	56.6	50.1	75.1

Manual Integrations
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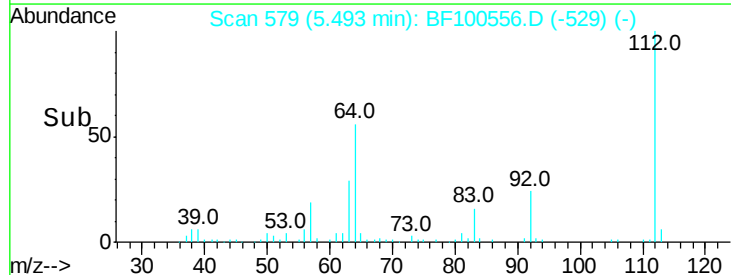
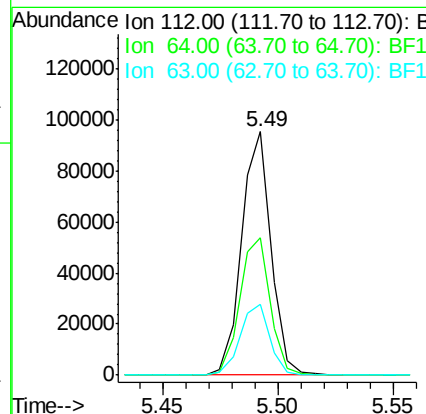
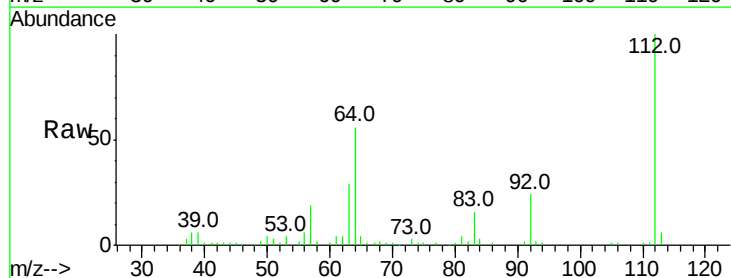
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#5

2-Fluorophenol
Concen: 12.805 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF100556.D
Acq: 14 Nov 2017 21:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	47.9	71.9
63	29.1	23.7	35.5





#7

Phenol-d6

Concen: 12.142 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100556.D

Acq: 14 Nov 2017 21:24

Instrument :

BNA_F

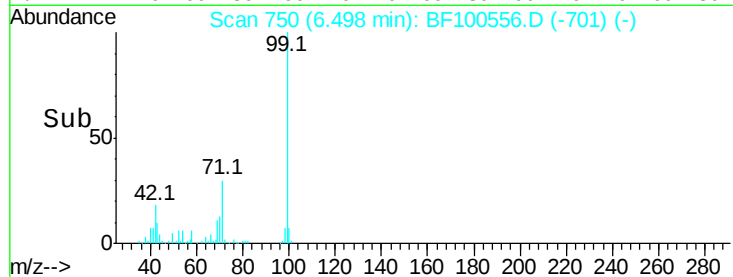
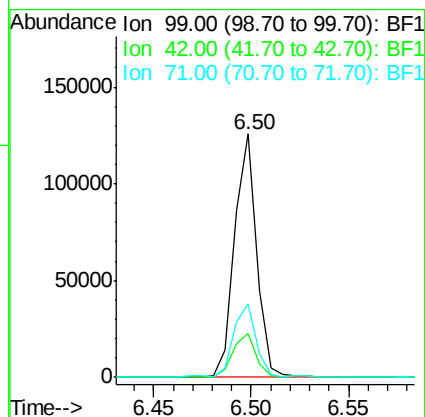
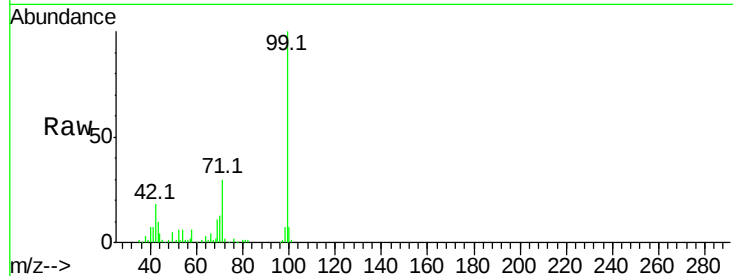
ClientSampleId :

EO-02-111017-C

Tot Ion:	99	Resp:	98406
Ion Ratio	Lower	Upper	
99	100		
42	18.0	14.5	21.7
71	30.2	25.4	38.0

Manual Integrations
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#21

Naphthalene-d8

Concen: 20.000 ng

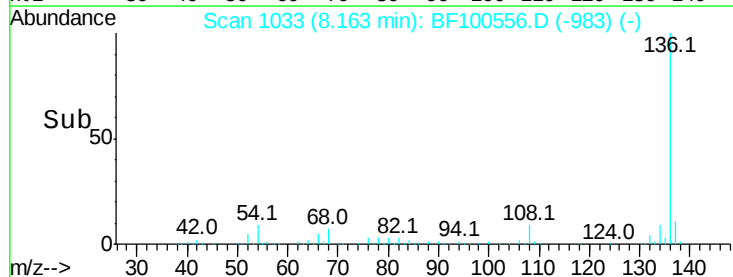
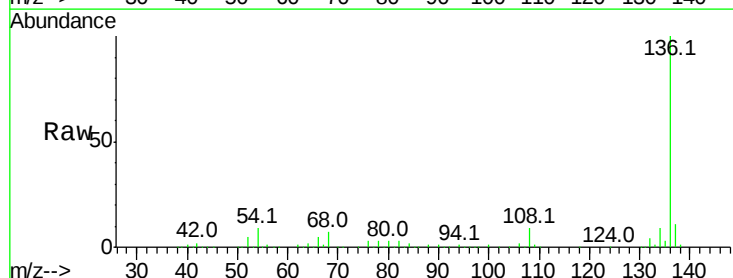
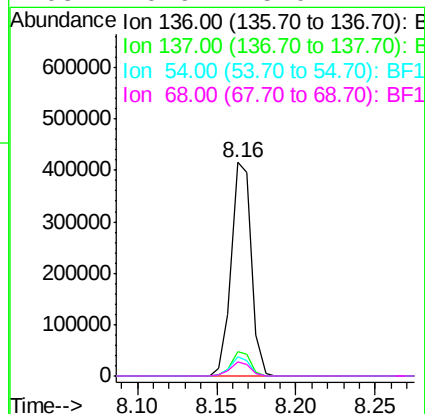
RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100556.D

Acq: 14 Nov 2017 21:24

Tgt Ion:	136	Resp:	365493
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	9.0	6.6	9.8
68	6.6	5.0	7.4





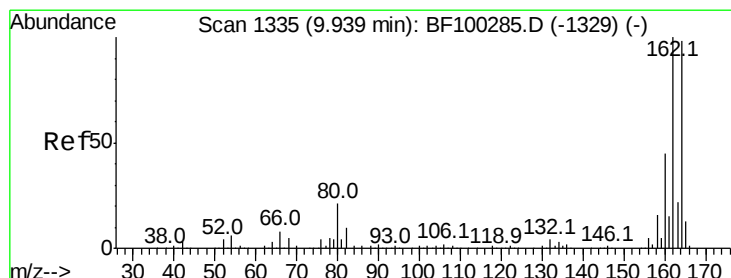
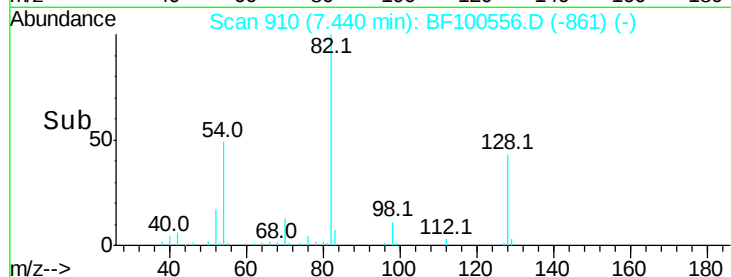
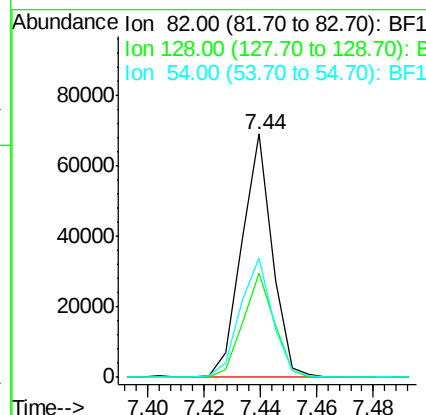
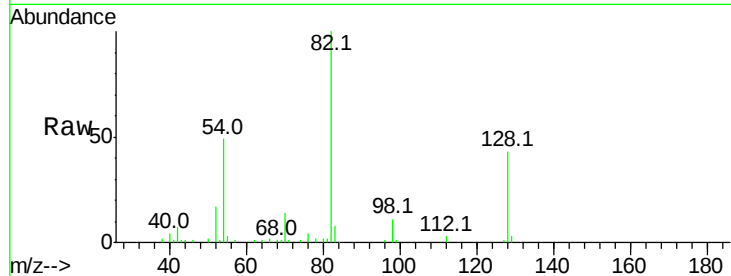
#23
Nitrobenzene-d5
Concen: 9.365 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF100556.D
Acq: 14 Nov 2017 21:24

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	36.1	54.1
54	49.2	41.4	62.2

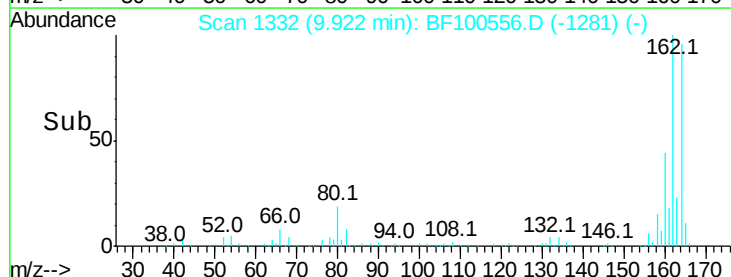
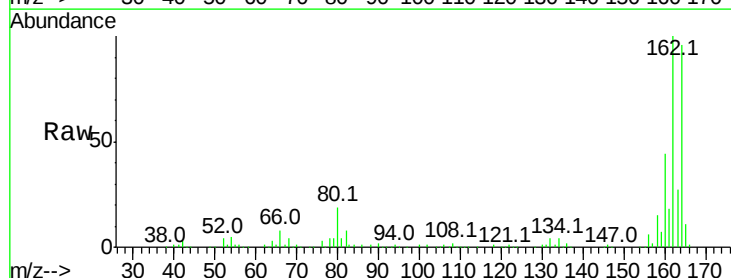
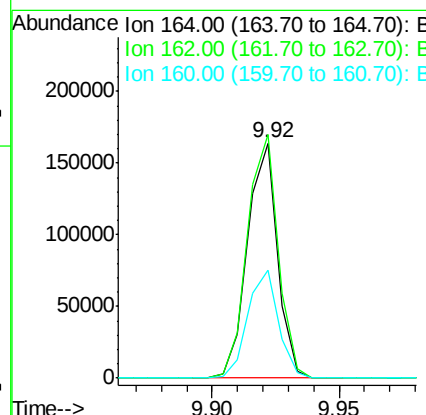
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF100556.D
Acq: 14 Nov 2017 21:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	86.1	129.1
160	45.8	38.3	57.5





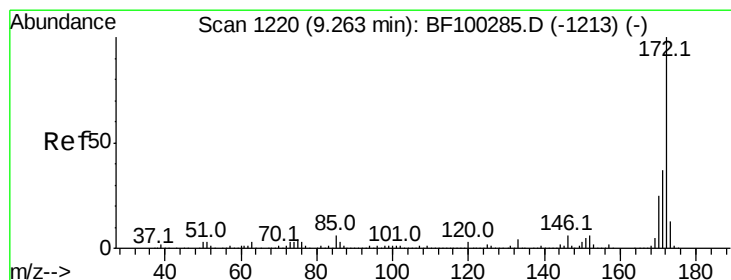
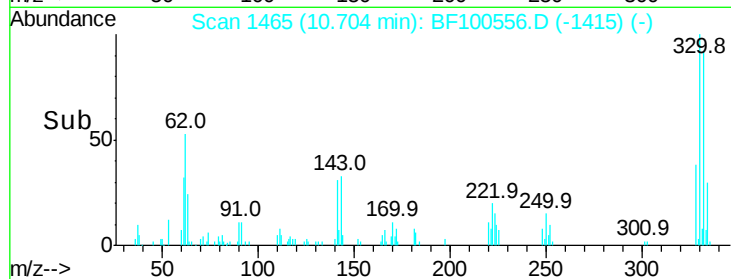
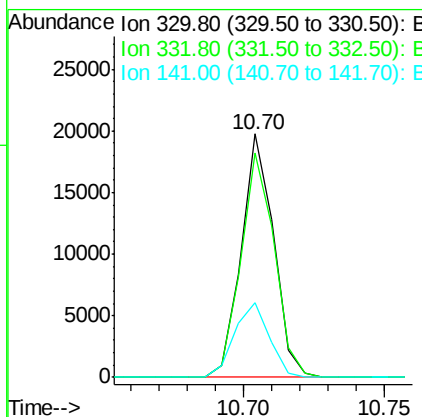
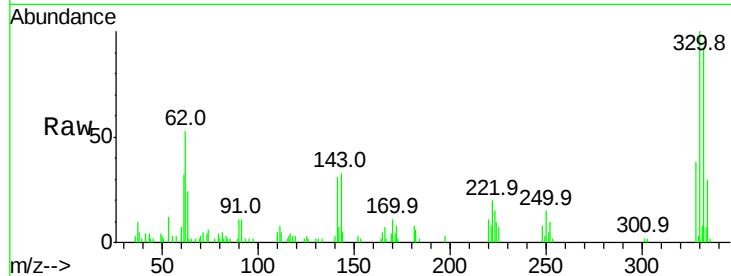
#41
 2,4,6-Tribromophenol
 Concen: 11.414 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100556.D
 Acq: 14 Nov 2017 21:24

Instrument :
 BNA_F
 ClientSampled :
 EO-02-111017-C

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	77.0	115.6	
141	33.2	29.9	44.9	

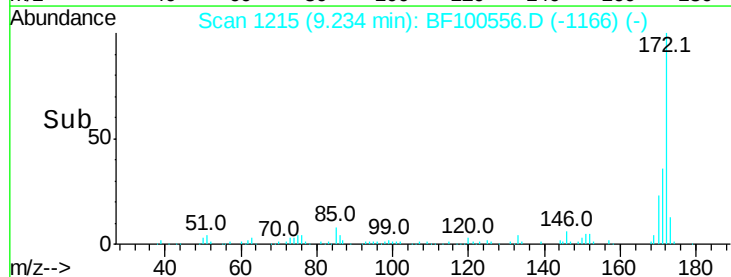
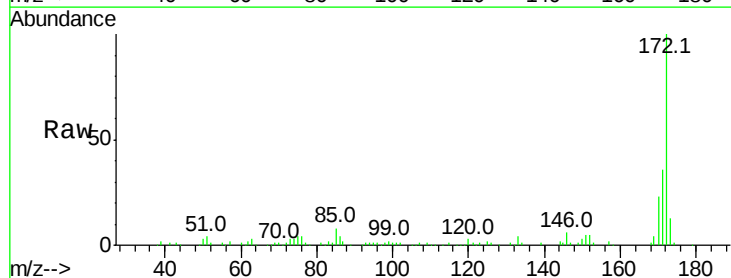
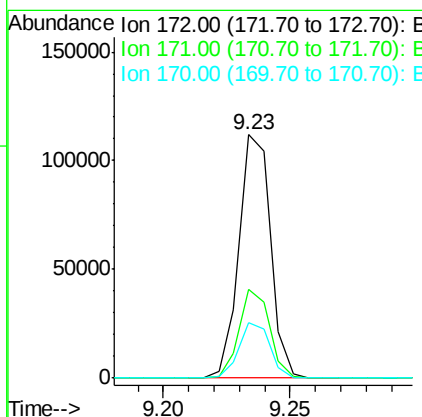
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#44
 2-Fluorobiphenyl
 Concen: 10.937 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF100556.D
 Acq: 14 Nov 2017 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.4	29.7	44.5	
170	22.7	19.6	29.4	





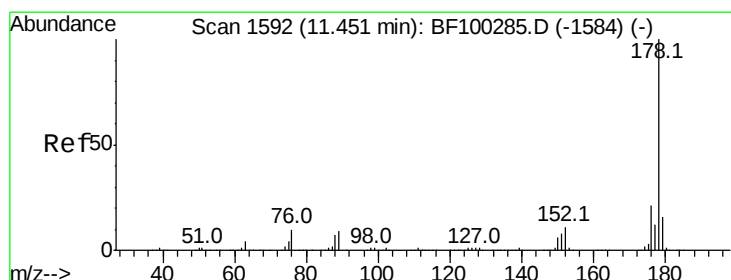
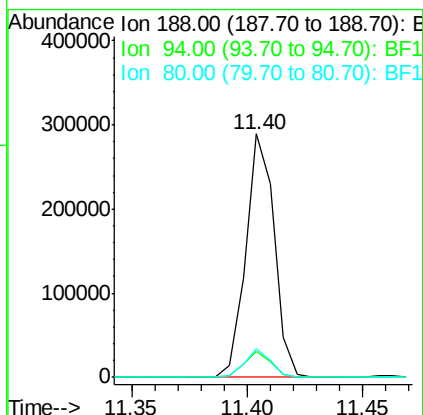
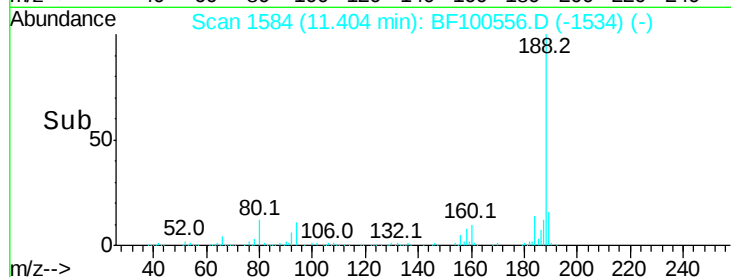
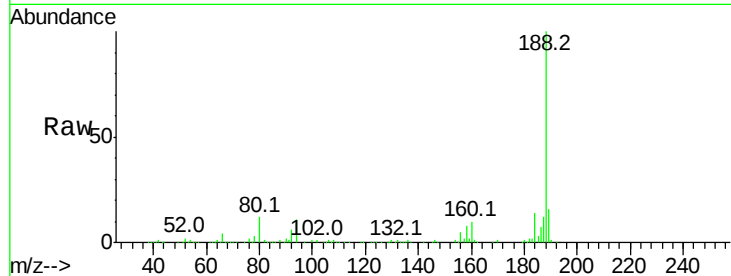
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF100556.D
Acq: 14 Nov 2017 21:24

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-C

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.6	8.5	12.7
80	11.7	9.2	13.8

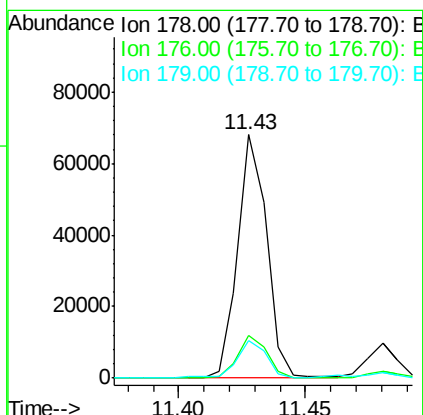
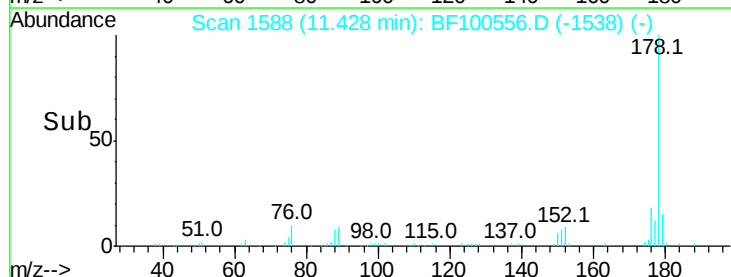
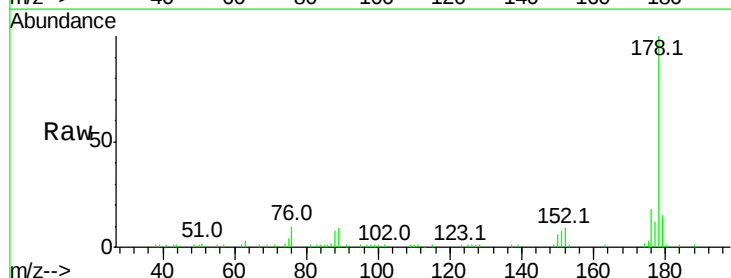
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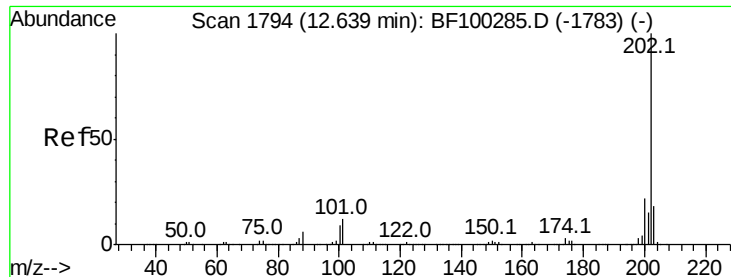
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#70
Phenanthrene
Concen: 4.136 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BF100556.D
Acq: 14 Nov 2017 21:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	17.7	15.8	23.8
179	15.5	13.0	19.6





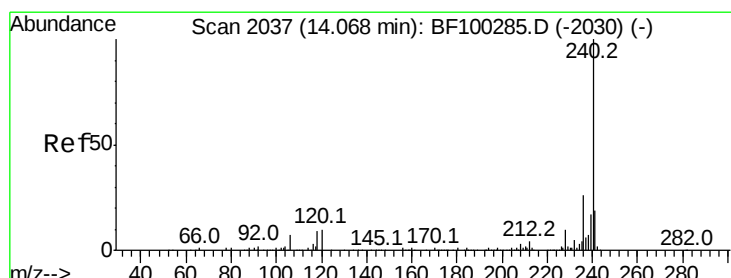
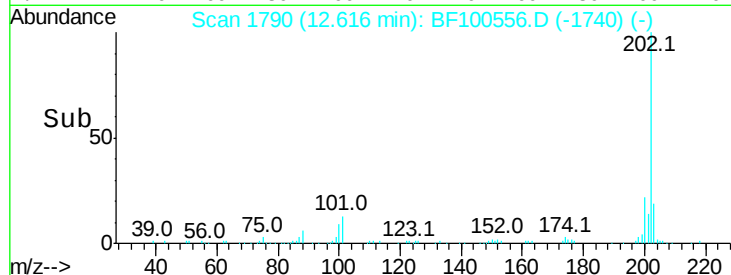
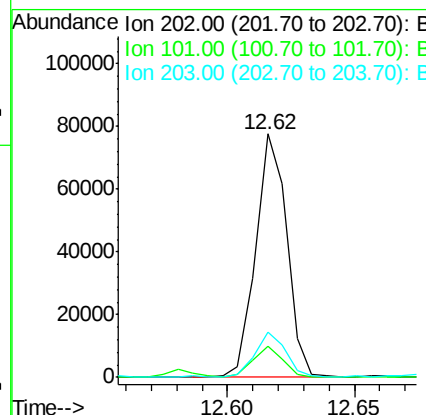
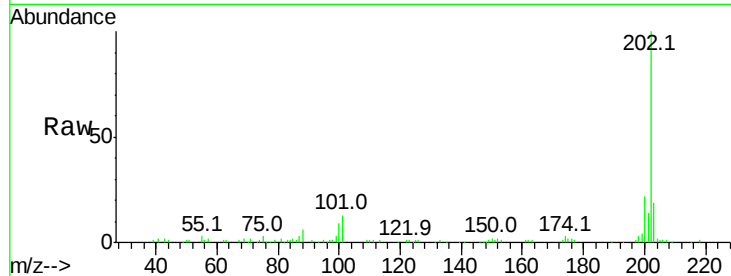
#74
Fluoranthene
Concen: 4.802 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF100556.D
Acq: 14 Nov 2017 21:24

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-C

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.6	0.0	34.1
203	18.5	0.0	38.1

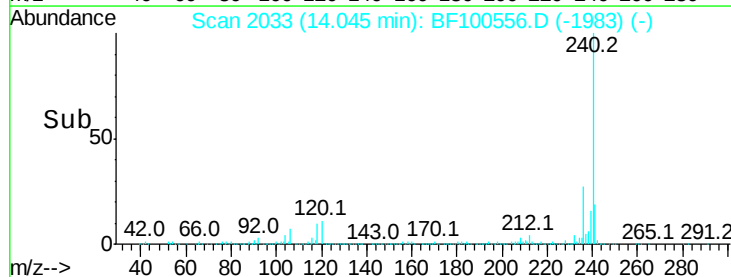
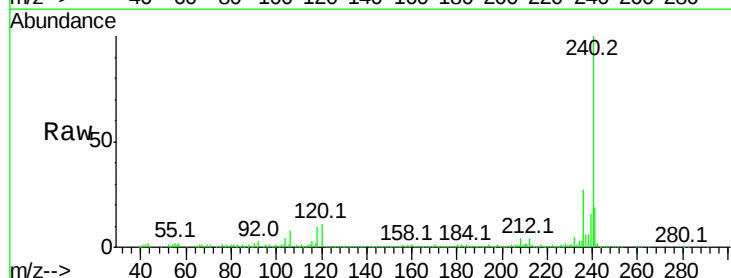
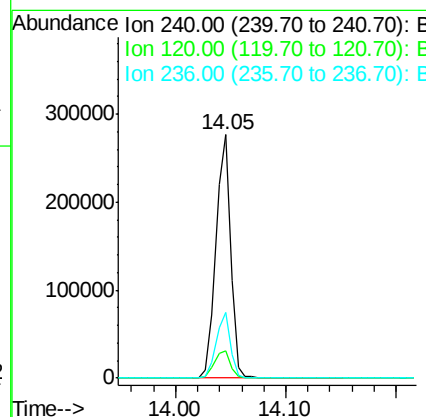
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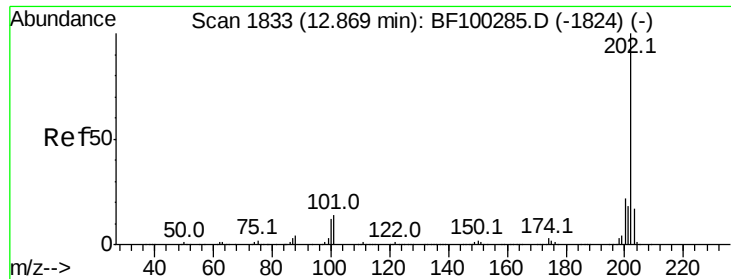
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#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF100556.D
Acq: 14 Nov 2017 21:24

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.0	9.5	14.3
236	26.7	20.7	31.1





#77

Pvrene

Concen: 3.051 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF100556.D

Acq: 14 Nov 2017 21:24

Instrument :

BNA_F

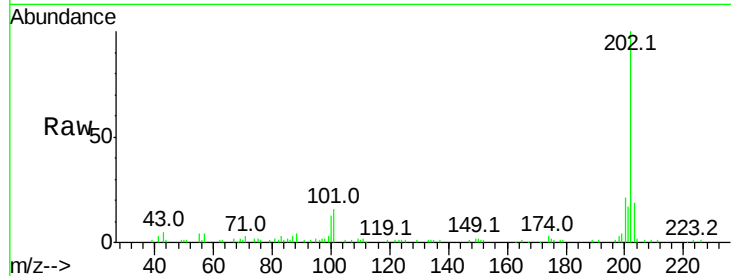
ClientSampleId :

EO-02-111017-C

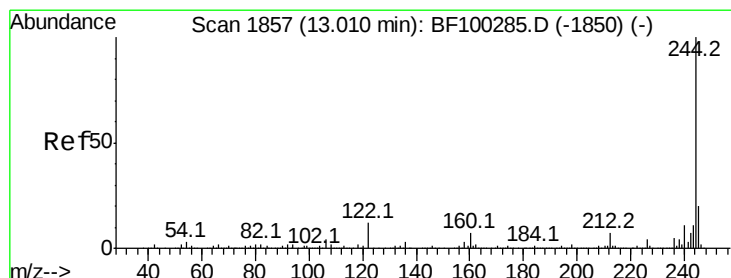
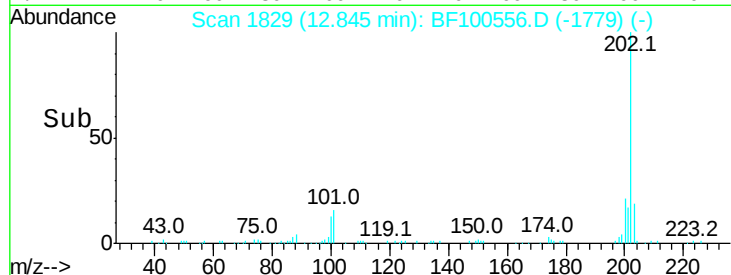
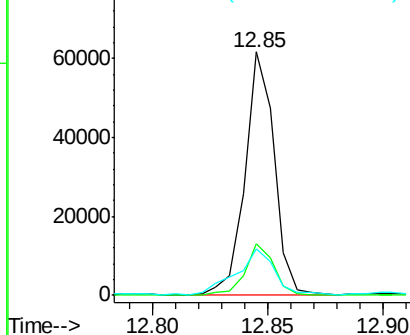
Tot Ion:	202	Resp:	54779
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	19.4	14.3	21.5

Manual Integrations
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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: 8.352 ng

RT: 12.99 min Scan# 1853

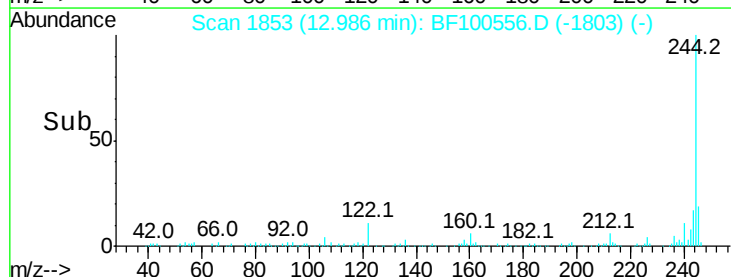
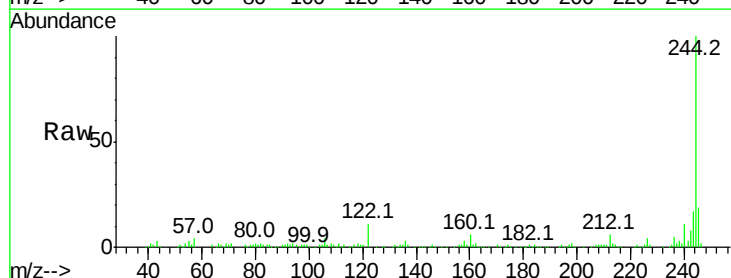
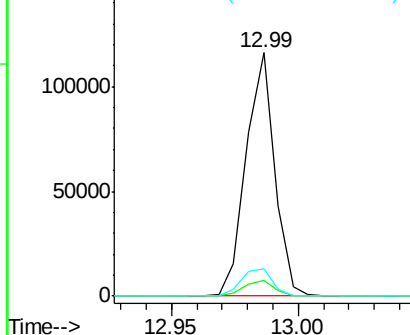
Delta R.T. -0.01 min

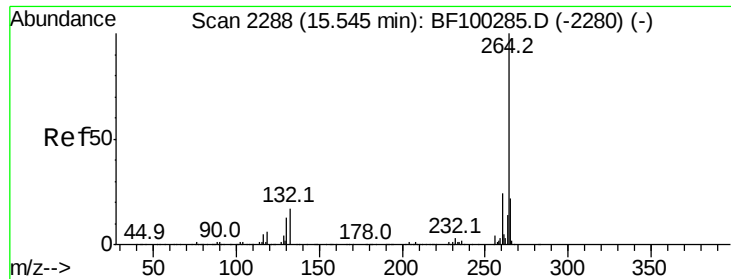
Lab File: BF100556.D

Acq: 14 Nov 2017 21:24

Tgt Ion:	244	Resp:	91555
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.4	8.0
122	11.0	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





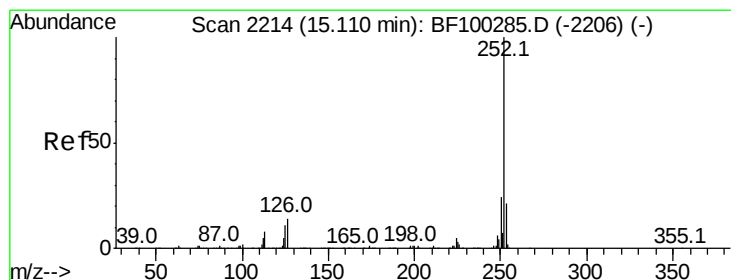
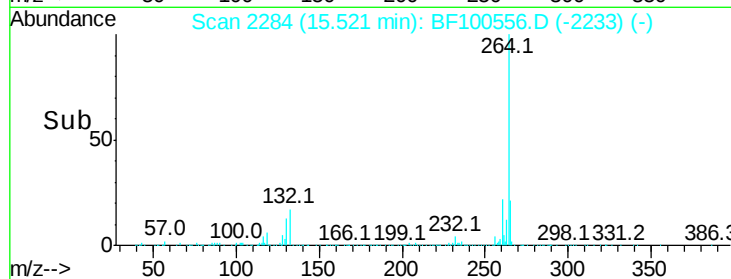
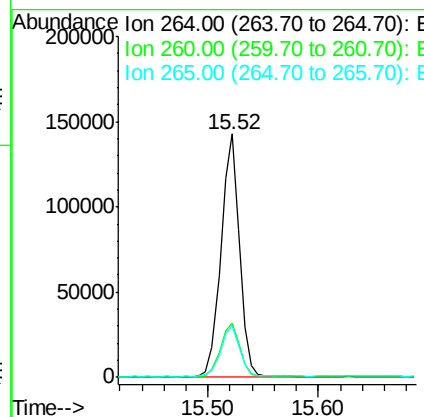
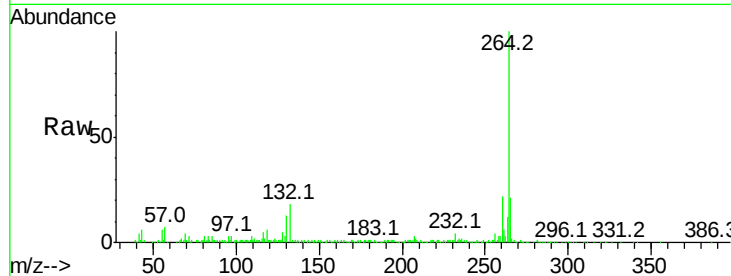
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BF100556.D
Acq: 14 Nov 2017 21:24

Instrument :
BNA_F
ClientSampleId :
EO-02-111017-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.3	17.5	26.3

Manual Integrations
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SOHIL
11/15/2017 12:30:13 PM



#87
Benzo(b)fluoranthene
Concen: 2.084 ng m
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF100556.D
Acq: 14 Nov 2017 21:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.5	17.0	25.6#
125	25.1	9.0	13.6#

