

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
 Data File : BF097890.D
 Acq On : 19 Aug 2017 20:32
 Operator : SJ/JU
 Sample : I4847-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PVSC-A-COMP

Manual Integrations
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Quant Time: Aug 21 04:58:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	153009	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	604889	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	249850	20.00	ng	-0.03
63) Phenanthrene-d10	11.27	188	396023	20.00	ng	-0.03
75) Chrysene-d12	13.90	240	269885	20.00	ng	-0.04
86) Perylene-d12	15.33	264	248040	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	213467	21.22	ng	-0.03
7) Phenol-d6	6.38	99	292292	21.39	ng	-0.03
23) Nitrobenzene-d5	7.32	82	183228	16.46	ng	-0.04
41) 2,4,6-Tribromophenol	10.57	330	34960	16.13	ng	-0.04
44) 2-Fluorobiphenyl	9.12	172	266600	15.68	ng	-0.03
78) Terphenyl-d14	12.86	244	144551	11.17	ng	-0.04
Target Compounds						
70) Phenanthrene	11.30	178	61411	2.910	ng	97
74) Fluoranthene	12.48	202	73915	3.356	ng	97
77) Pyrene	12.71	202	68530	3.105	ng	96
87) Benzo(b)fluoranthene	14.92	252	34289m	2.193	ng	

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

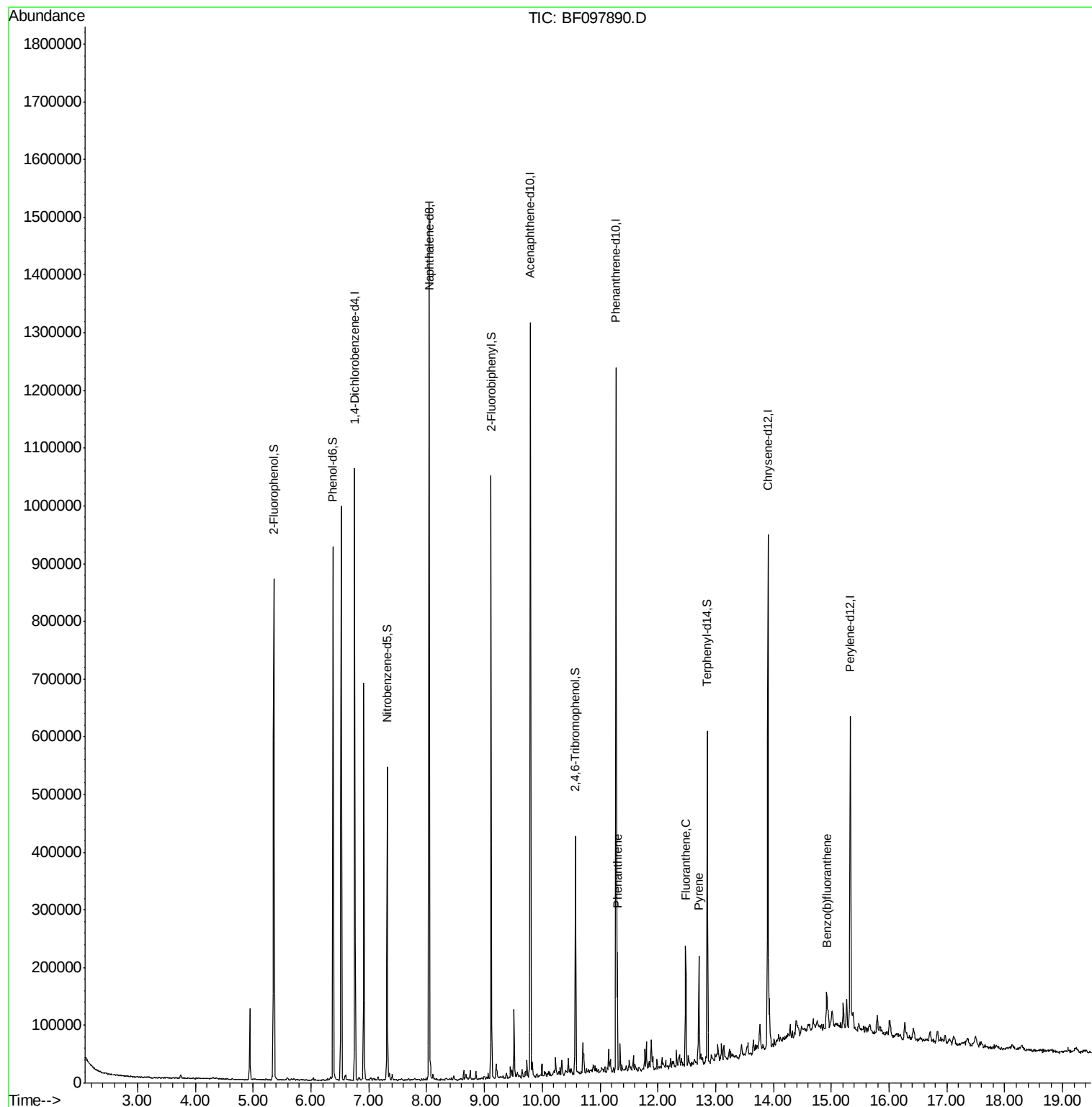
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097890.D
Acq On : 19 Aug 2017 20:32
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ALS Vial : 20 Sample Multiplier: 1

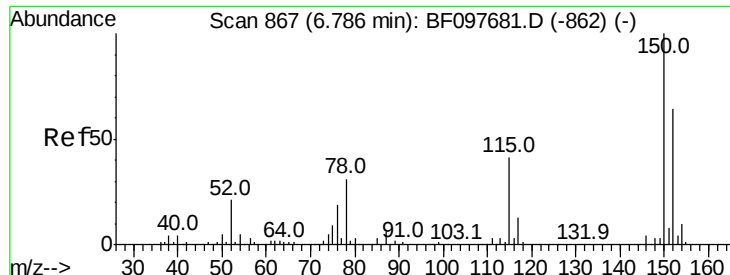
Instrument :
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ClientSampleId :
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Quant Time: Aug 21 04:58:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

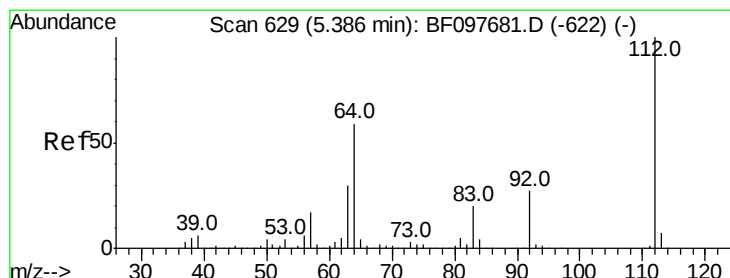
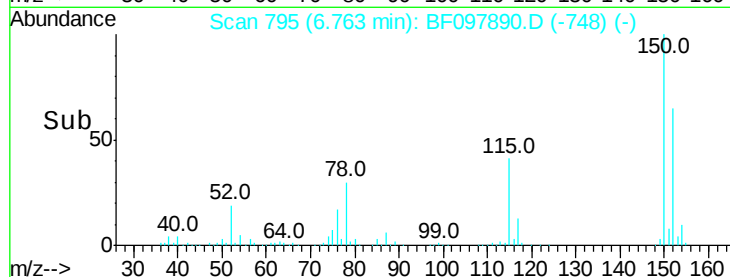
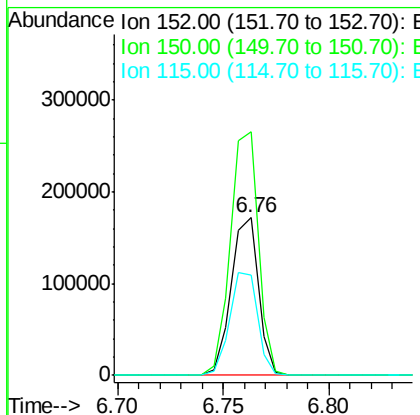
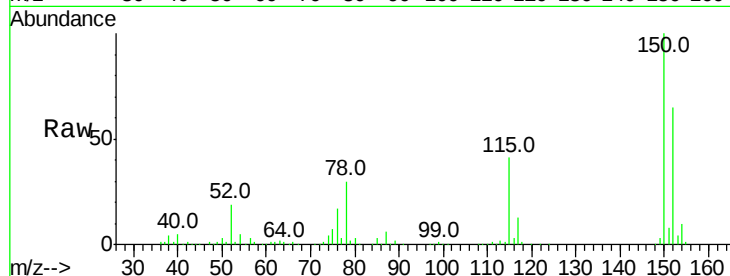
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF097890.D
Acq: 19 Aug 2017 20:32

Instrument :
BNA_F
ClientSampleId :
PVSC-A-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.2	189.2
115	63.9	52.2	78.2

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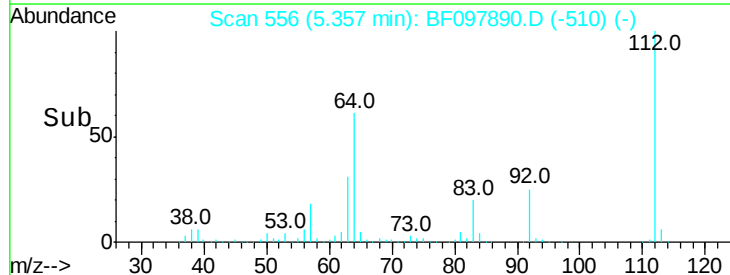
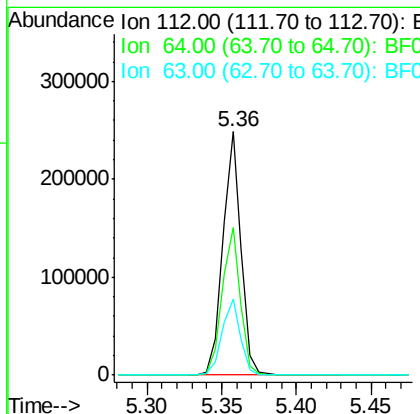
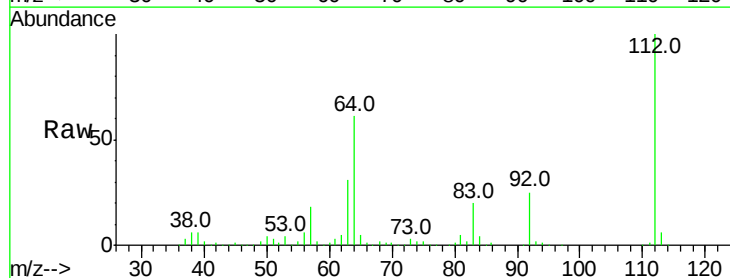
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#5

2-Fluorophenol
Concen: 21.221 ng
RT: 5.36 min Scan# 556
Delta R.T. -0.03 min
Lab File: BF097890.D
Acq: 19 Aug 2017 20:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	46.0	69.0
63	31.2	23.4	35.0





#7

Phenol-d6

Concen: 21.386 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.03 min

Lab File: BF097890.D

Acq: 19 Aug 2017 20:32

Instrument :

BNA_F

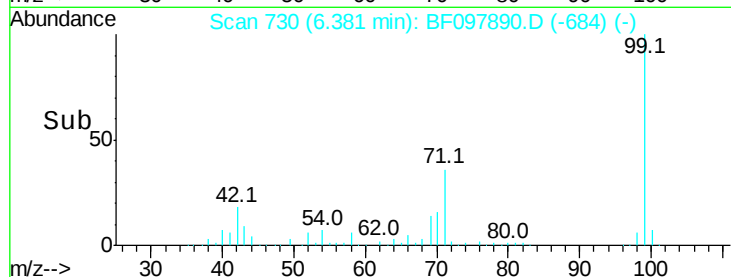
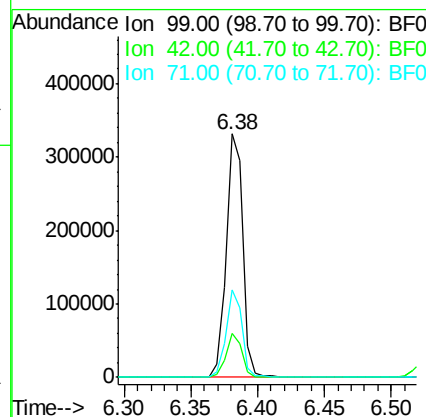
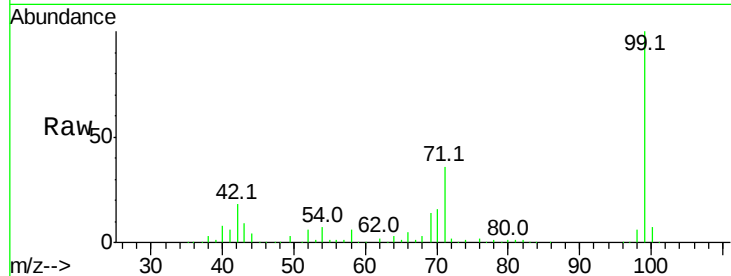
ClientSampleId :

PVSC-A-COMP

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		292292		
42	18.1	13.5	20.3		
71	35.9	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

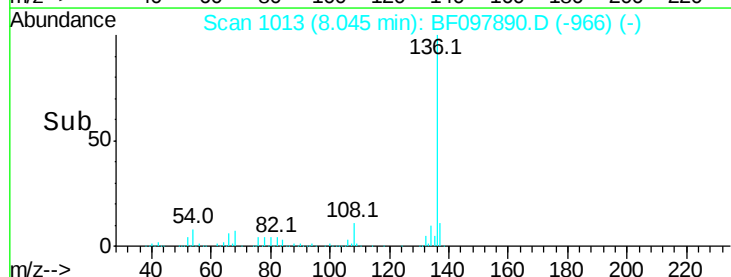
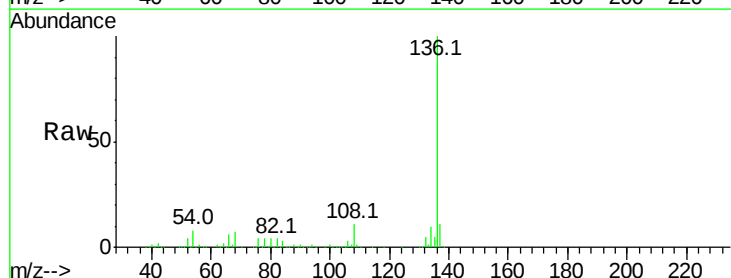
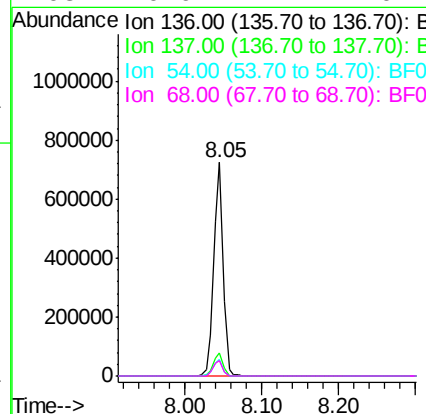
RT: 8.05 min Scan# 1013

Delta R.T. -0.02 min

Lab File: BF097890.D

Acq: 19 Aug 2017 20:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		604889		
137	11.0	8.5	12.7		
54	7.5	4.9	7.3#		
68	6.9	4.1	6.1#		





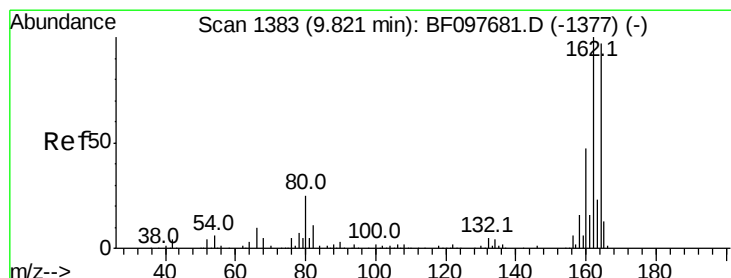
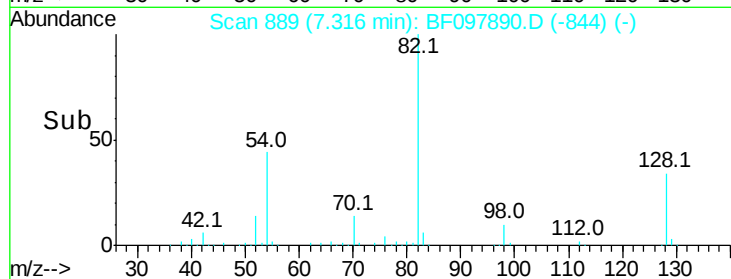
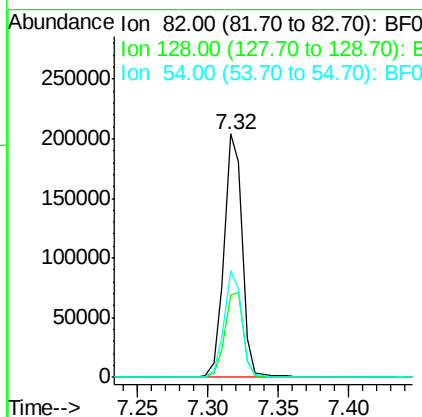
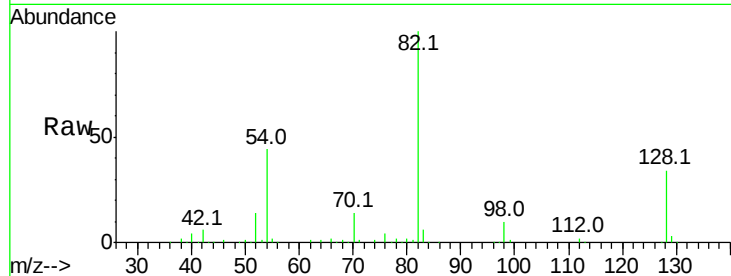
#23
 Nitrobenzene-d5
 Concen: 16.456 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.04 min
 Lab File: BF097890.D
 Acq: 19 Aug 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 PVSC-A-COMP

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.6	34.0	51.0#
54	43.9	42.2	63.2

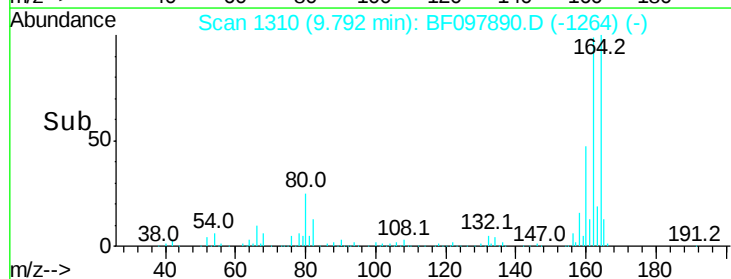
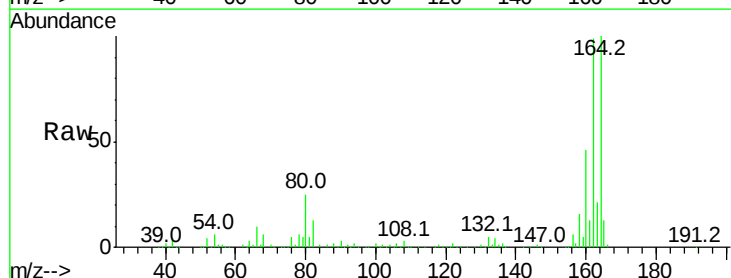
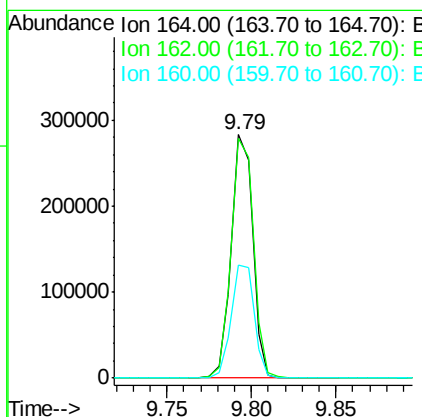
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.03 min
 Lab File: BF097890.D
 Acq: 19 Aug 2017 20:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.7	82.6	123.8
160	46.5	36.2	54.2





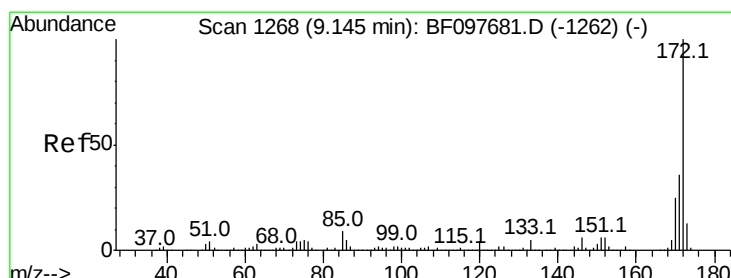
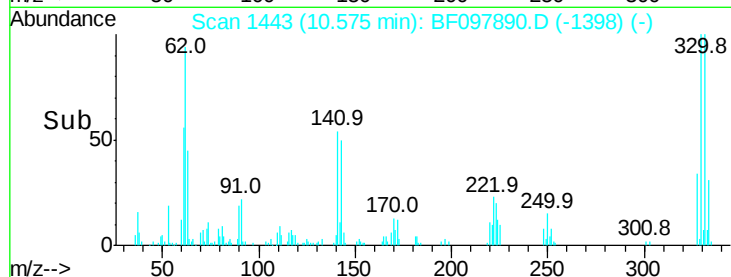
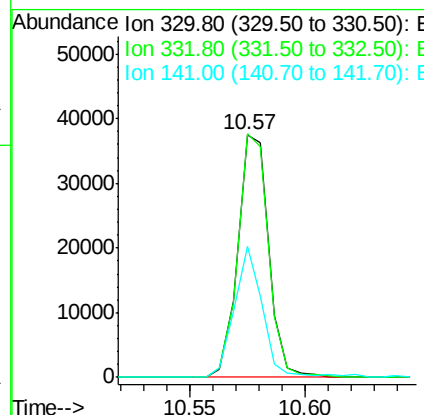
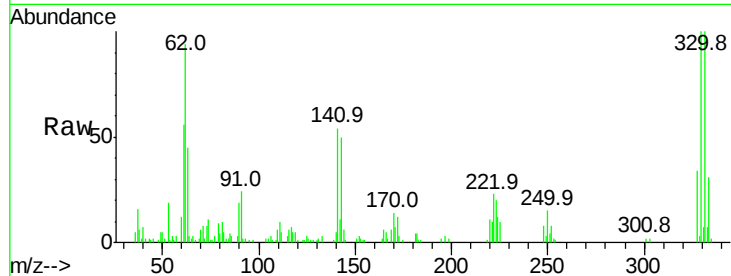
#41
 2,4,6-Tribromophenol
 Concen: 16.127 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.04 min
 Lab File: BF097890.D
 Acq: 19 Aug 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 PVSC-A-COMP

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	99.4	76.6	115.0	
141	48.2	31.4	47.2#	

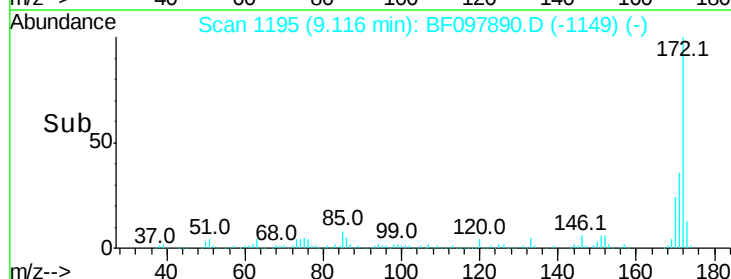
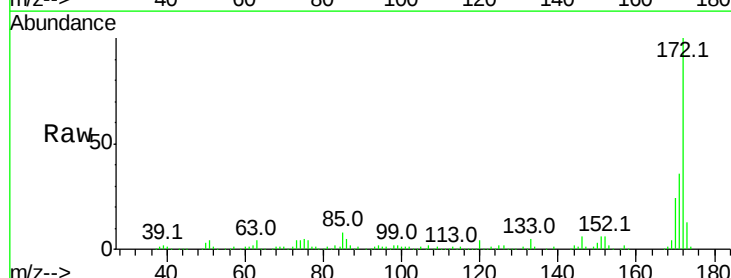
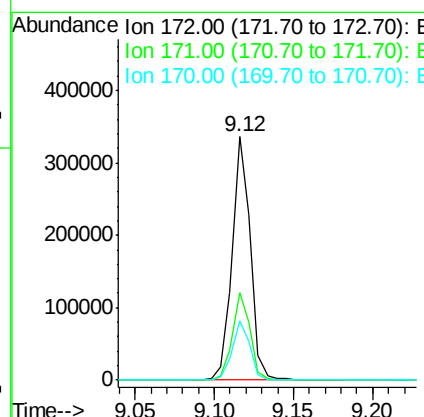
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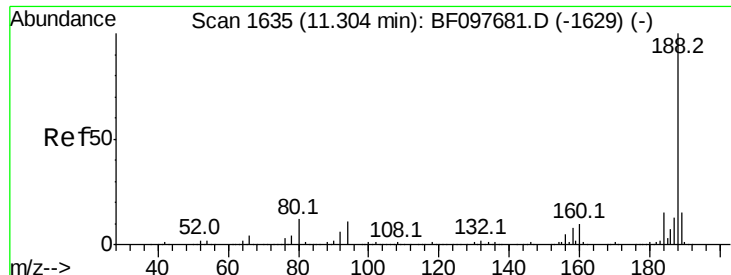
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#44
 2-Fluorobiphenyl
 Concen: 15.677 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.03 min
 Lab File: BF097890.D
 Acq: 19 Aug 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.1	29.6	44.4	
170	24.5	19.8	29.8	





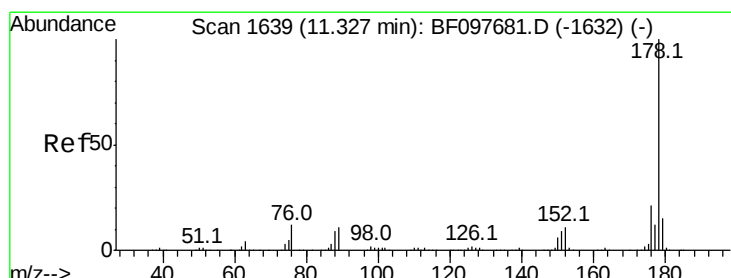
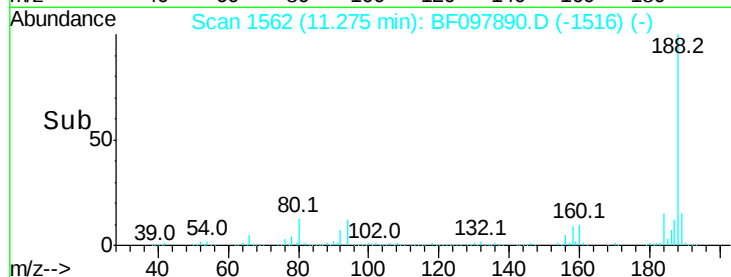
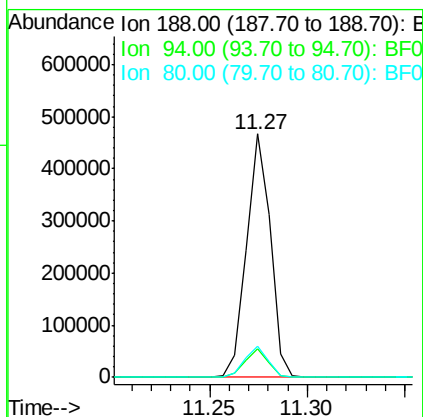
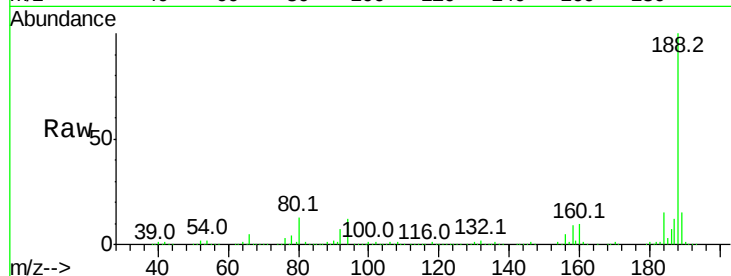
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.03 min
Lab File: BF097890.D
Acq: 19 Aug 2017 20:32

Instrument :
BNA_F
ClientSampleId :
PVSC-A-COMP

Tot Ion	Ratio	Resp	Lower	Upper
188	100	396023		
94	12.0		9.4	14.2
80	12.7		10.2	15.2

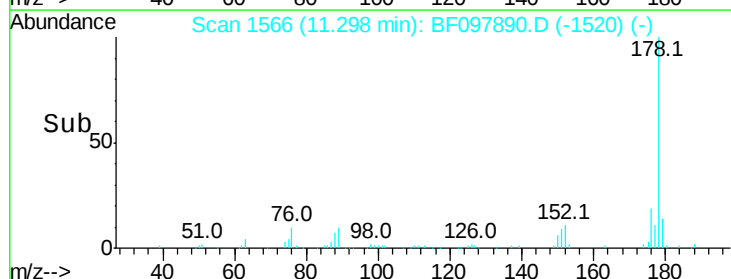
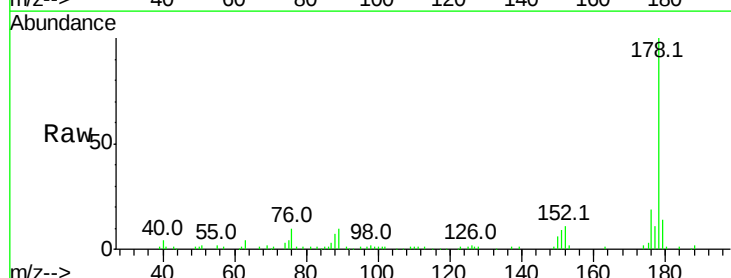
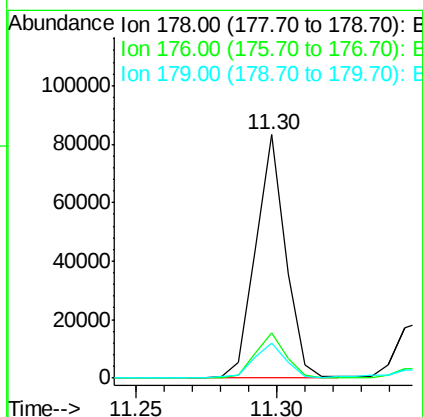
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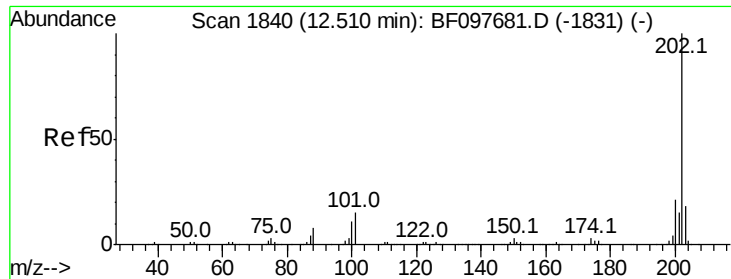
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#70
Phenanthrene
Concen: 2.910 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.03 min
Lab File: BF097890.D
Acq: 19 Aug 2017 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	61411		
176	18.7		16.2	24.4
179	14.5		12.6	19.0





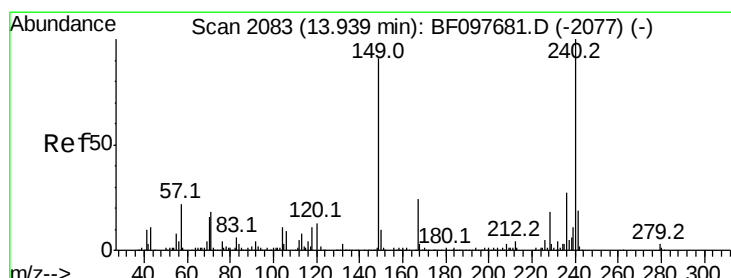
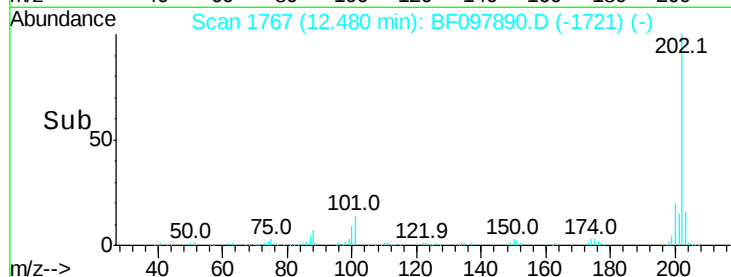
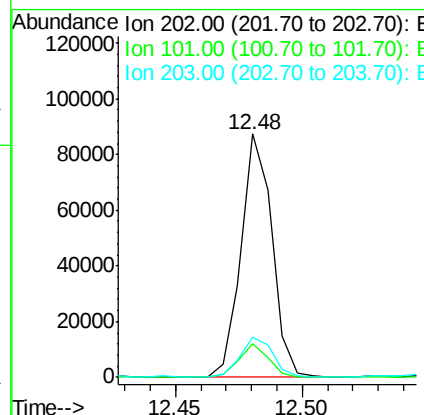
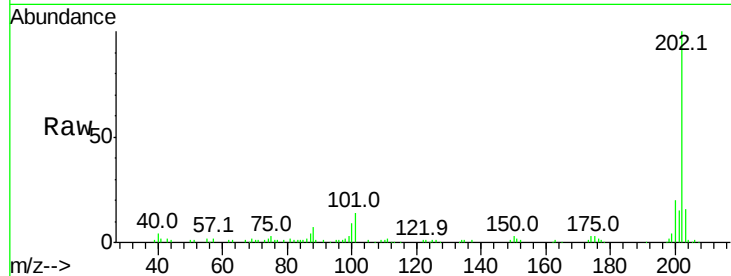
#74
Fluoranthene
 Concen: 3.356 ng
 RT: 12.48 min Scan# 1767
 Delta R.T. -0.03 min
 Lab File: BF097890.D
 Acq: 19 Aug 2017 20:32

Instrument :
 BNA_F
 ClientSampleId :
 PVSC-A-COMP

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.9	0.0	33.2
203	16.3	0.0	38.1

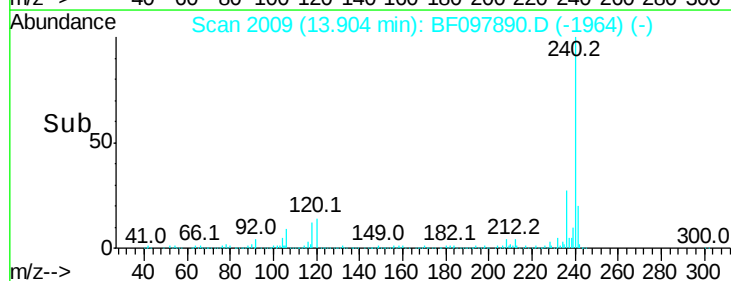
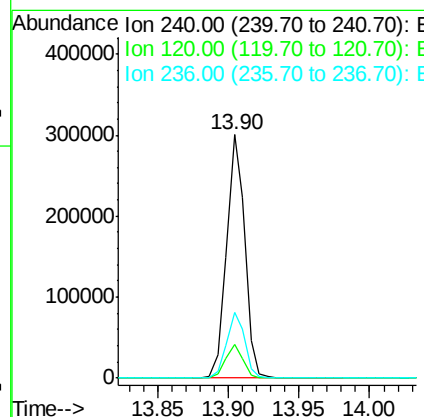
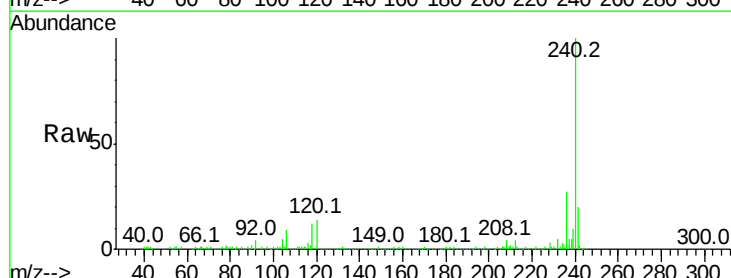
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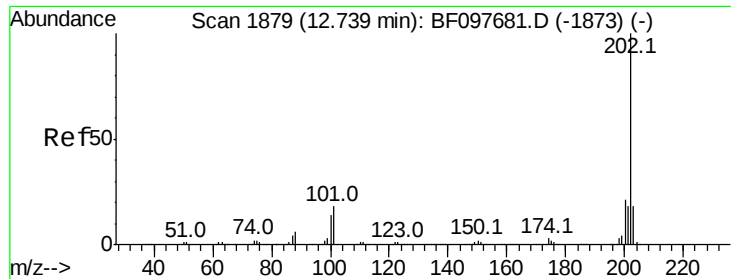
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#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2009
 Delta R.T. -0.04 min
 Lab File: BF097890.D
 Acq: 19 Aug 2017 20:32

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	26.9	20.5	30.7





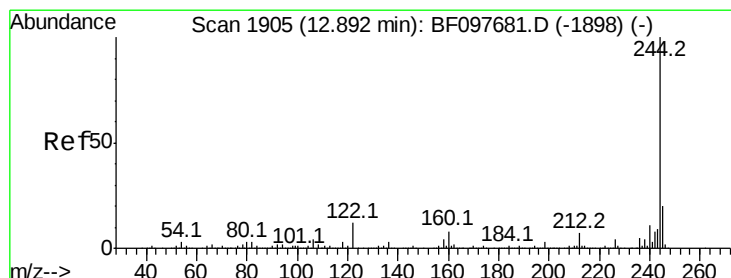
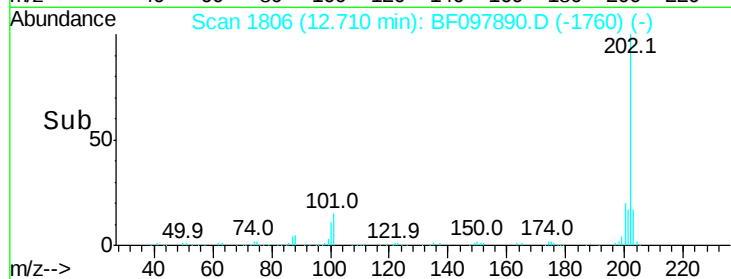
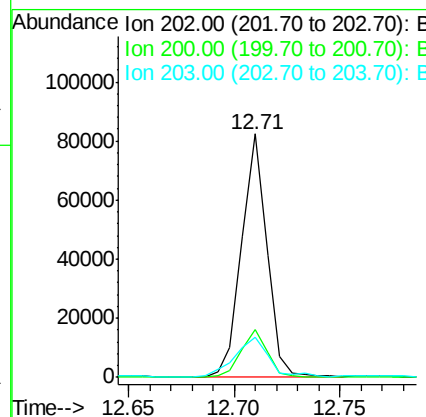
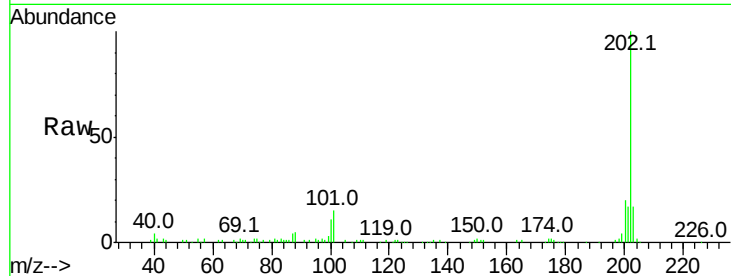
#77
Pvrene
Concen: 3.105 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.03 min
Lab File: BF097890.D
Acq: 19 Aug 2017 20:32

Instrument :
BNA_F
ClientSampleId :
PVSC-A-COMP

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.6	17.6	26.4
203	16.7	14.4	21.6

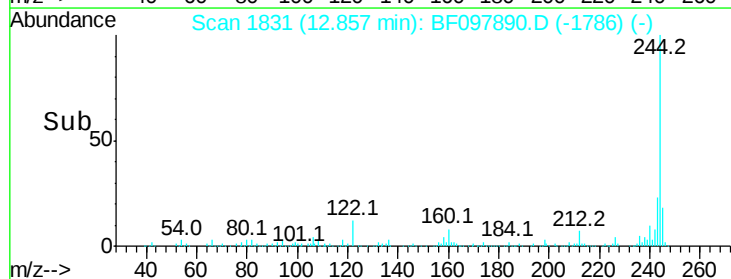
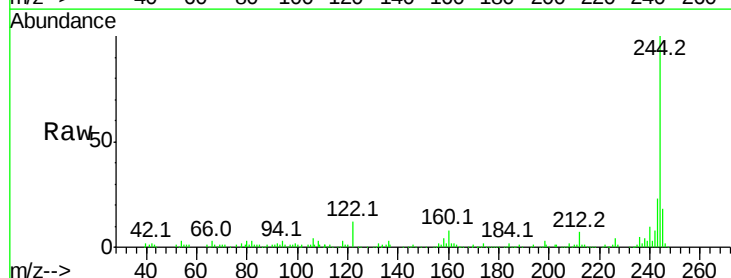
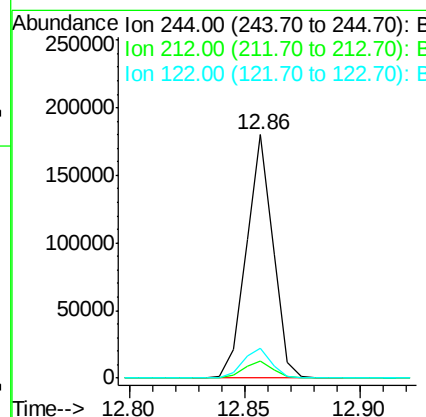
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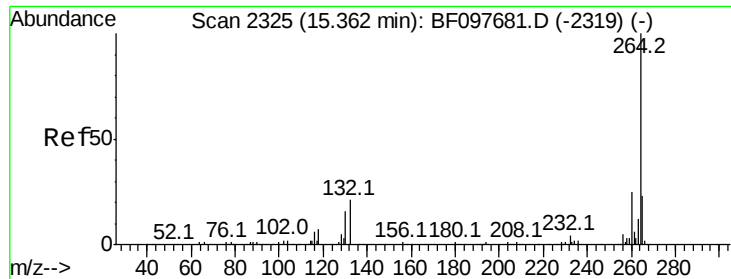
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#78
Terphenyl-d14
Concen: 11.169 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.04 min
Lab File: BF097890.D
Acq: 19 Aug 2017 20:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	12.3	10.3	15.5





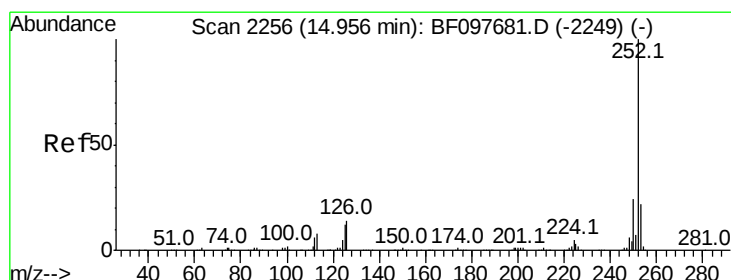
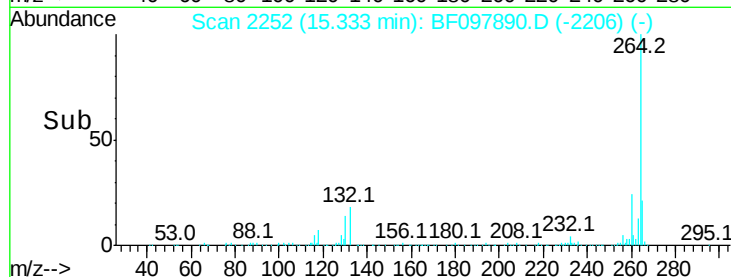
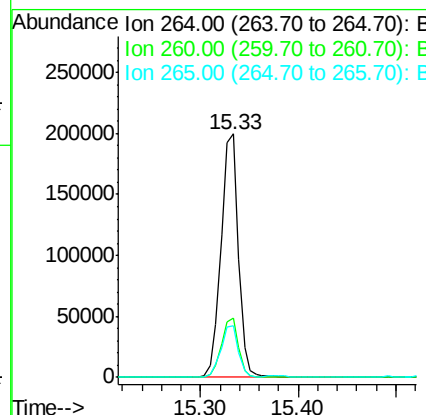
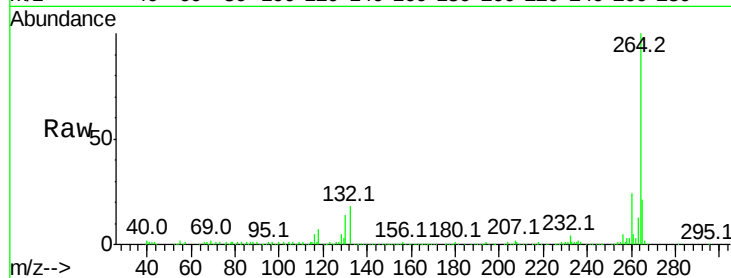
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. -0.03 min
Lab File: BF097890.D
Acq: 19 Aug 2017 20:32

Instrument :
BNA_F
ClientSampleId :
PVSC-A-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.4	17.2	25.8

Manual Integrations
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#87
Benzo(b)fluoranthene
Concen: 2.193 ng m
RT: 14.92 min Scan# 2182
Delta R.T. -0.04 min
Lab File: BF097890.D
Acq: 19 Aug 2017 20:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.1	27.1
125	14.5	9.8	14.8

