

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095902.D
 Acq On : 13 Jun 2017 19:39
 Operator : SJ/MA
 Sample : I3643-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-VNJ217

Manual Integrations
 APPROVED

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Quant Time: Jun 14 04:54:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	70116	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	294662	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	133939	20.00	ng	-0.06
63) Phenanthrene-d10	14.60	188	233277	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	144116	20.00	ng	-0.04
86) Perylene-d12	19.99	264	121440	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	464528	105.57	ng	-0.04
7) Phenol-d6	6.91	99	573700	108.91	ng	-0.05
23) Nitrobenzene-d5	8.27	82	332967	70.18	ng	-0.05
41) 2,4,6-Tribromophenol	13.50	330	119382	100.74	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	654477	68.00	ng	-0.05
78) Terphenyl-d14	16.97	244	476420	82.04	ng	-0.04
Target Compounds						Qvalue
49) Dimethylphthalate	11.86	163	78094	7.68	ng	99
70) Phenanthrene	14.64	178	48184	3.58	ng	97
74) Fluoranthene	16.42	202	86273	6.48	ng	100
77) Pyrene	16.73	202	75881	7.06	ng	96
80) Benzo(a)anthracene	18.31	228	25089	2.99	ng	99
82) Chrysene	18.36	228	26831	3.20	ng	98
83) Bis(2-ethylhexyl)phthalate	18.39	149	24878	3.76	ng	# 99
85) Indeno(1,2,3-cd)pyrene	21.19	276	16374	2.29	ng	97
87) Benzo(b)fluoranthene	19.60	252	30056	3.95	ng	# 96
89) Benzo(a)pyrene	19.94	252	20784	2.97	ng	# 92
91) Benzo(g,h,i)perylene	21.52	276	16459	2.72	ng	# 92

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

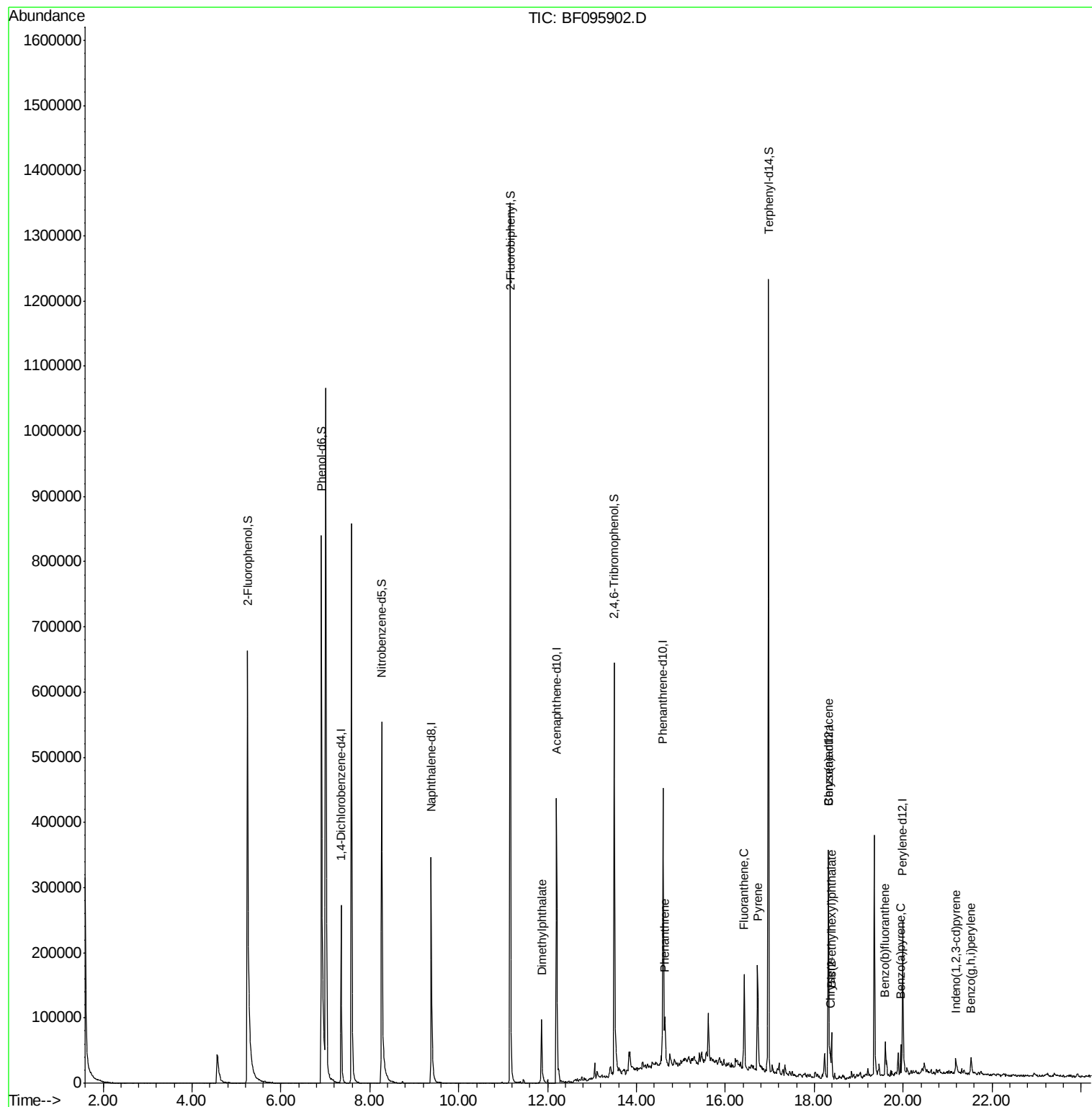
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
Data File : BF095902.D
Acq On : 13 Jun 2017 19:39
Operator : SJ/MA
Sample : I3643-01
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

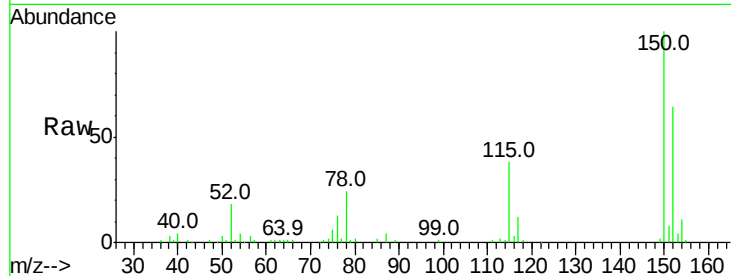
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095902.D
Acq: 13 Jun 2017 19:39

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	126.2	189.2
115	59.6	52.2	78.2

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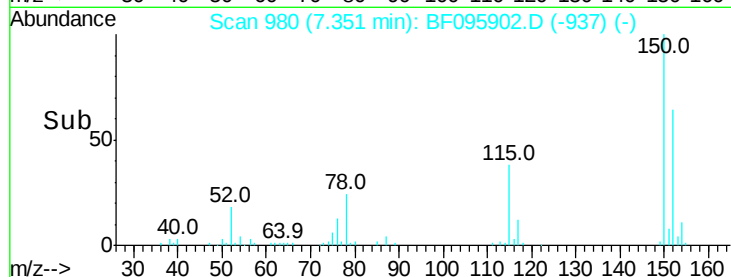
Abundance

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

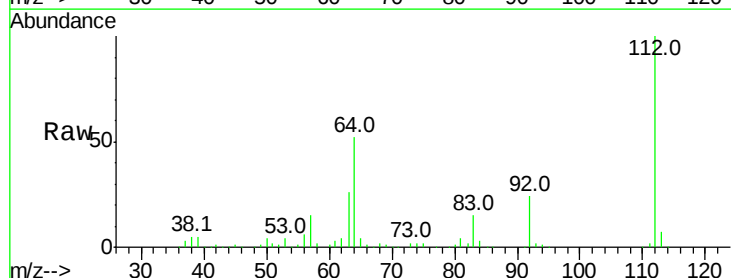
Time-->



#5

2-Fluorophenol
Concen: 105.57 ng
RT: 5.25 min Scan# 622
Delta R.T. -0.04 min
Lab File: BF095902.D
Acq: 13 Jun 2017 19:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	46.0	69.0
63	26.3	23.4	35.0



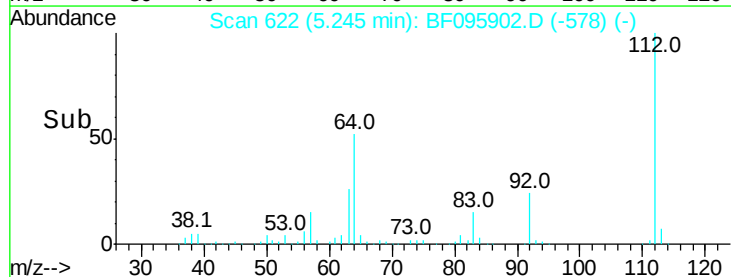
Abundance

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

Time-->





#7

Phenol-d6

Concen: 108.91 ng

RT: 6.91 min Scan# 905

Delta R.T. -0.05 min

Lab File: BF095902.D

Acq: 13 Jun 2017 19:39

Instrument :

BNA_F

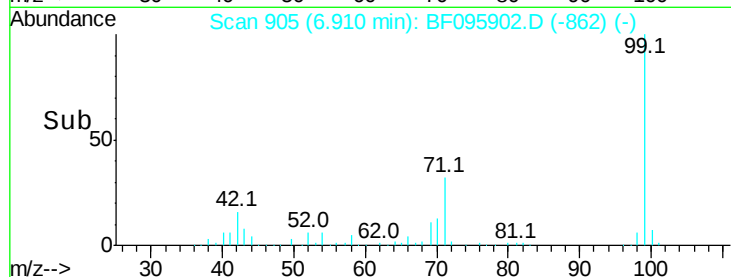
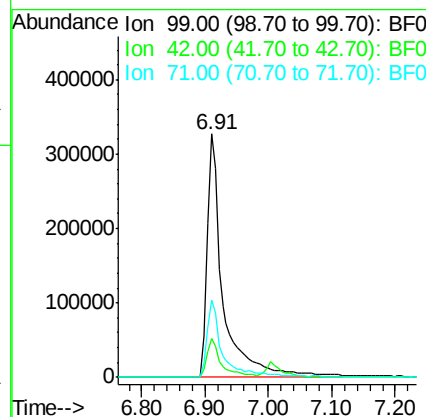
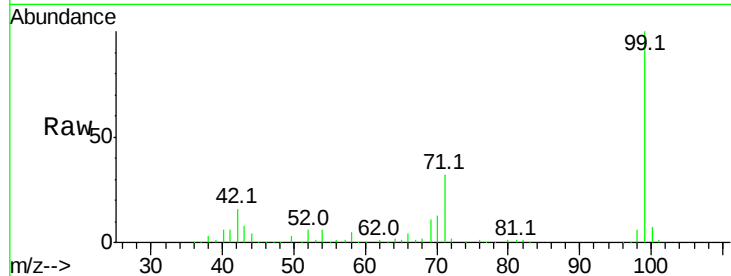
ClientSampleId :

RO-VNJ217

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		573700		
42	15.8	13.5	20.3		
71	31.6	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

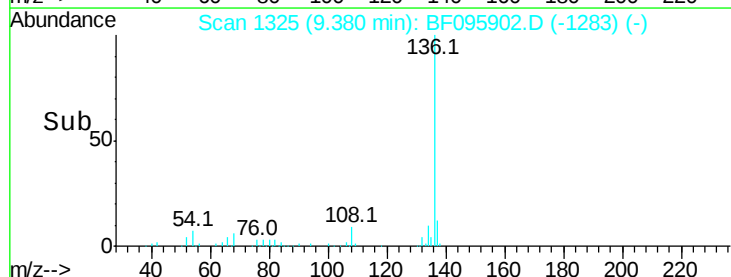
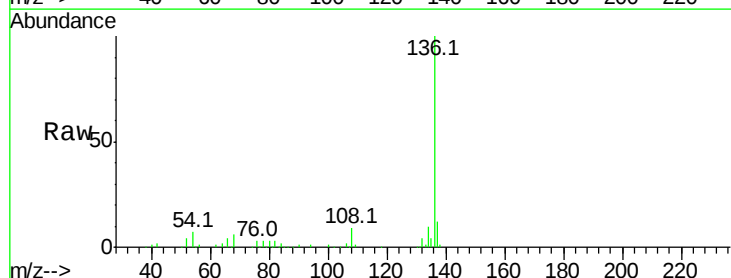
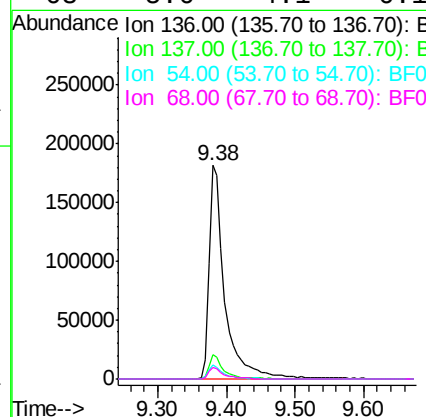
RT: 9.38 min Scan# 1325

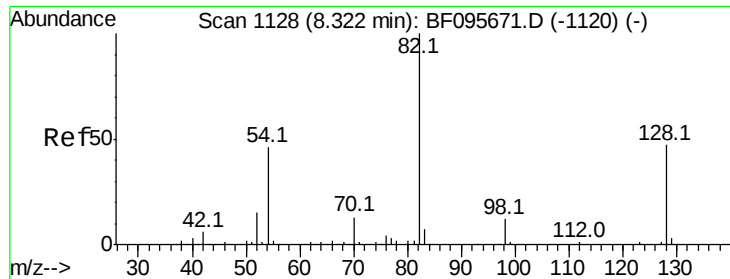
Delta R.T. -0.05 min

Lab File: BF095902.D

Acq: 13 Jun 2017 19:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		294662		
137	11.6	8.5	12.7		
54	6.7	4.9	7.3		
68	5.6	4.1	6.1		





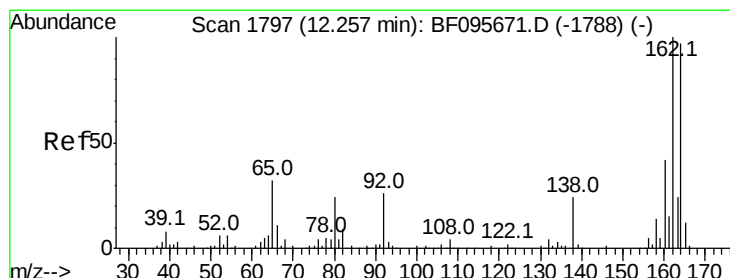
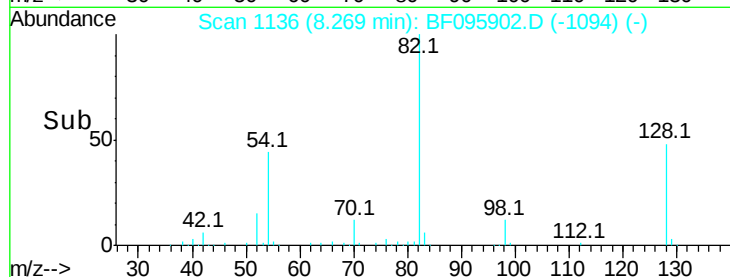
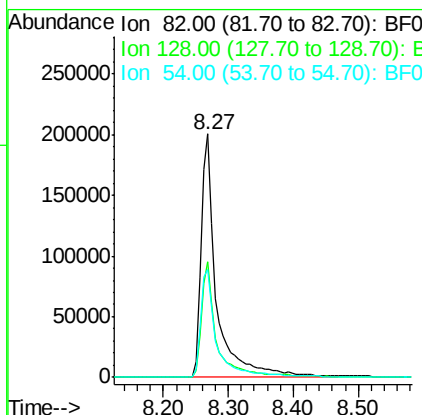
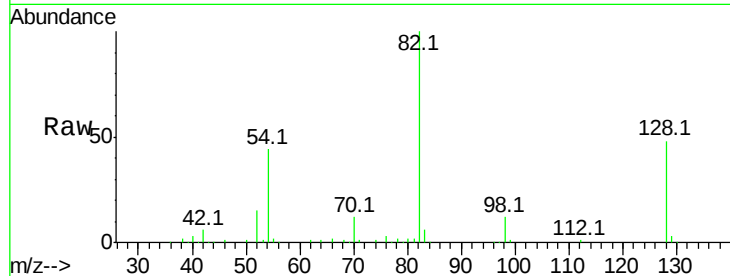
#23
Nitrobenzene-d5
Concen: 70.18 ng
RT: 8.27 min Scan# 1136
Delta R.T. -0.05 min
Lab File: BF095902.D
Acq: 13 Jun 2017 19:39

Instrument :
BNA_F
ClientSampled :
RO-VNJ217

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	34.0	51.0
54	44.4	42.2	63.2

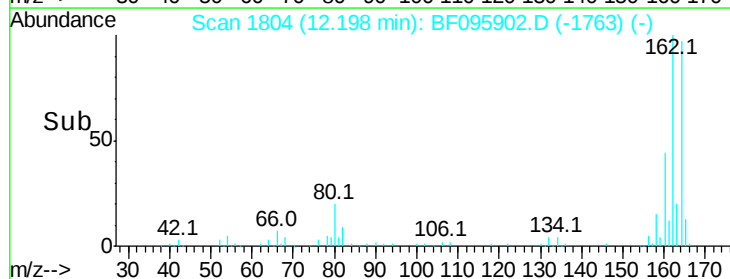
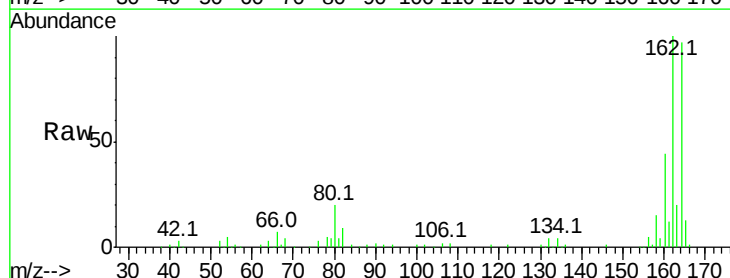
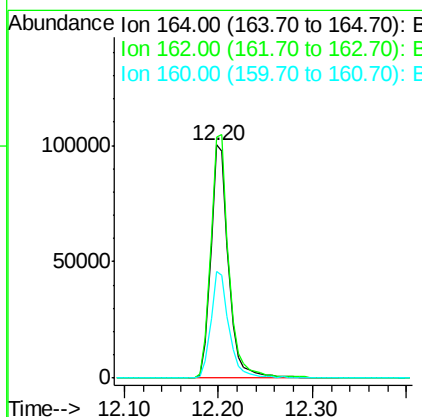
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.20 min Scan# 1804
Delta R.T. -0.06 min
Lab File: BF095902.D
Acq: 13 Jun 2017 19:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	45.7	36.2	54.2





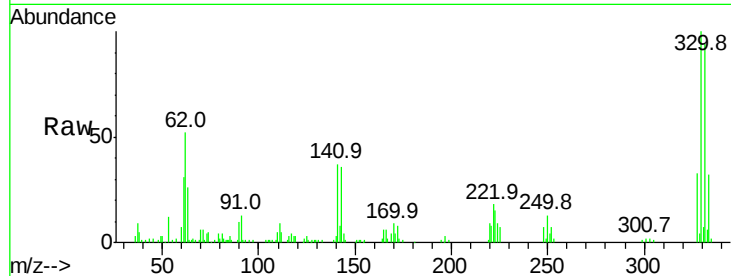
#41
 2,4,6-Tribromophenol
 Concen: 100.74 ng
 RT: 13.50 min Scan# 2025
 Delta R.T. -0.05 min
 Lab File: BF095902.D
 Acq: 13 Jun 2017 19:39

Instrument :
 BNA_F
 ClientSampleID :
 RO-VNJ217

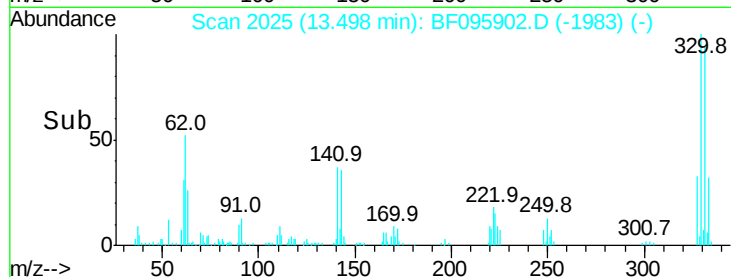
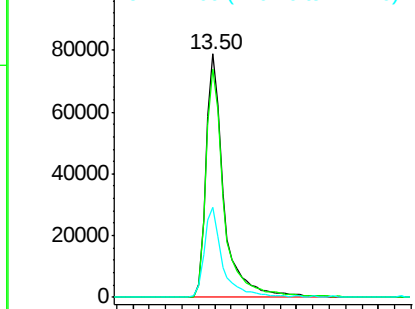
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	76.6	115.0	
141	38.2	31.4	47.2	

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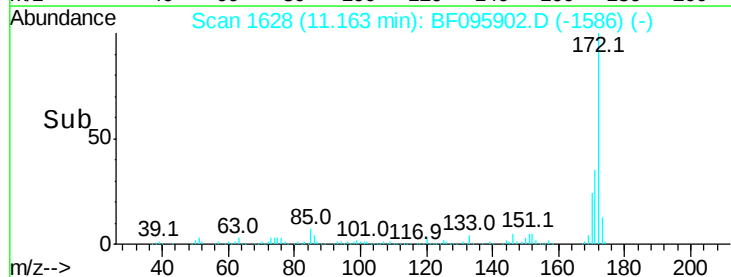
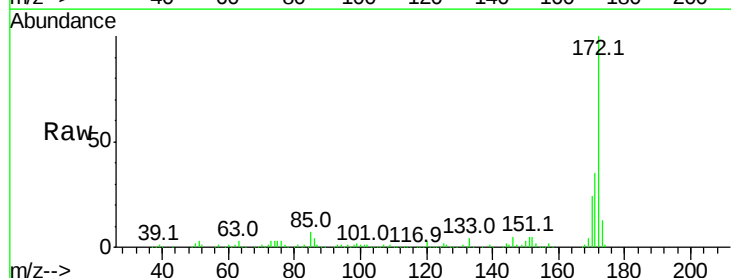
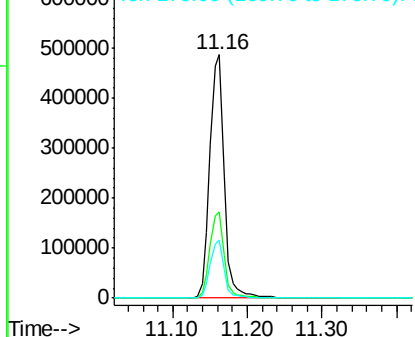
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 68.00 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095902.D
 Acq: 13 Jun 2017 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	29.6	44.4	
170	23.9	19.8	29.8	

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





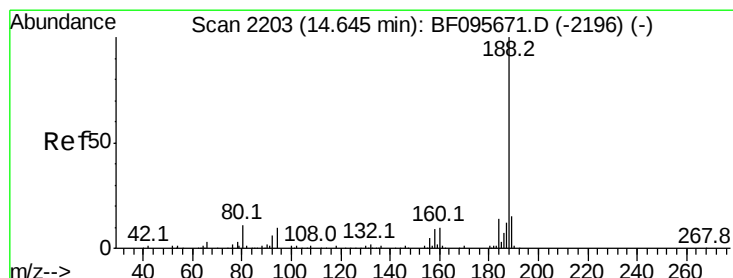
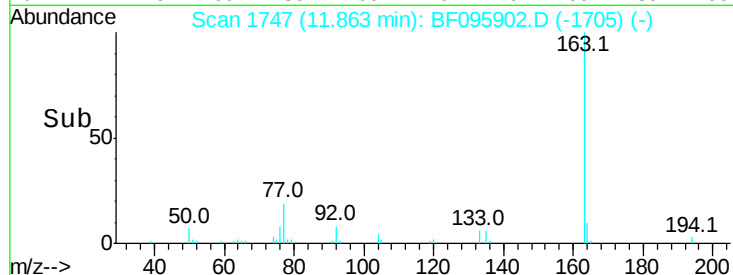
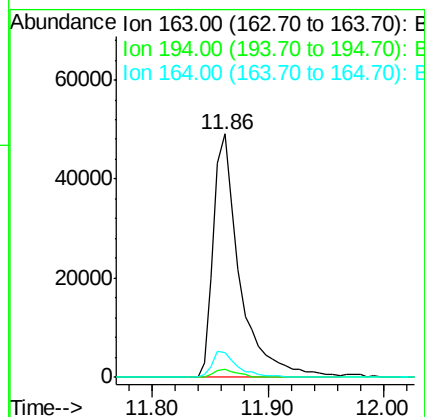
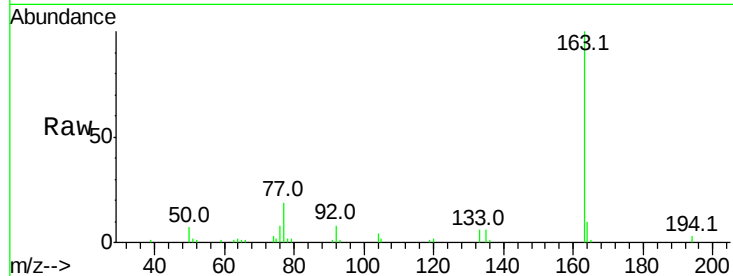
#49
Dimethylphthalate
Concen: 7.68 ng
RT: 11.86 min Scan# 1747
Delta R.T. -0.05 min
Lab File: BF095902.D
Acq: 13 Jun 2017 19:39

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.1	8.4	12.6

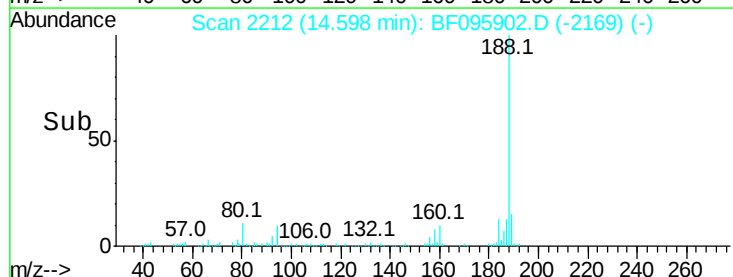
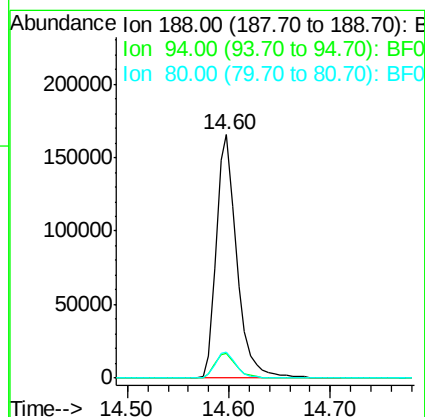
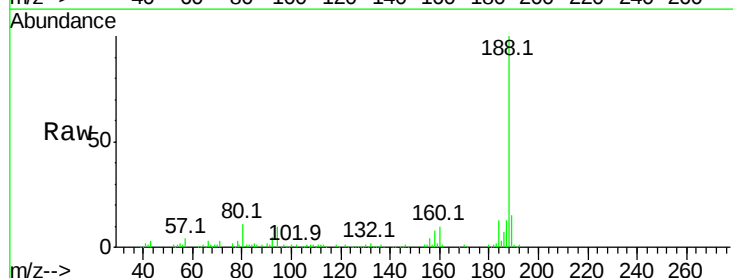
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095902.D
Acq: 13 Jun 2017 19:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	10.6	10.2	15.2





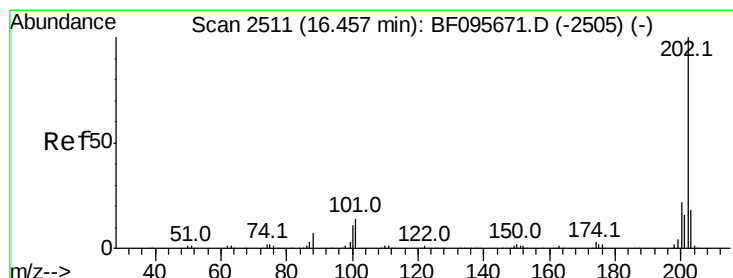
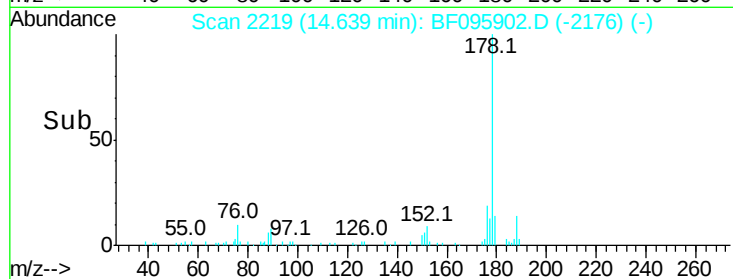
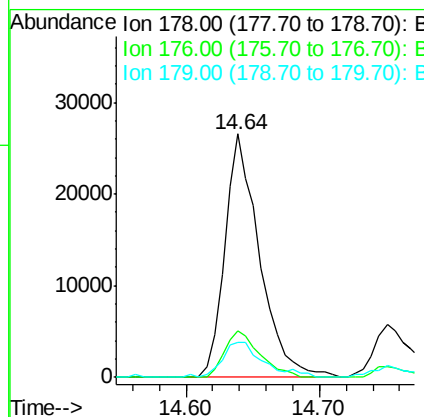
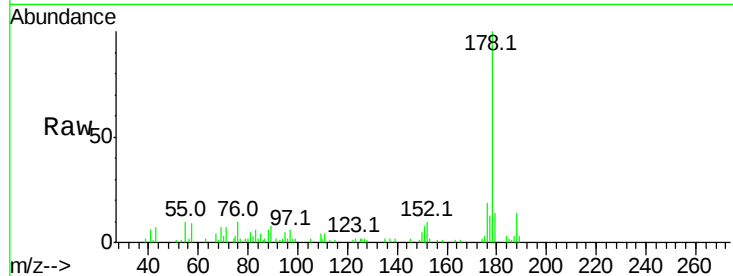
#70
Phenanthrene
Concen: 3.58 ng
RT: 14.64 min Scan# 2219
Delta R.T. -0.05 min
Lab File: BF095902.D
Acq: 13 Jun 2017 19:39

Instrument :
BNA_F
ClientSampleId :
RO-VNJ217

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	14.1	12.6	19.0

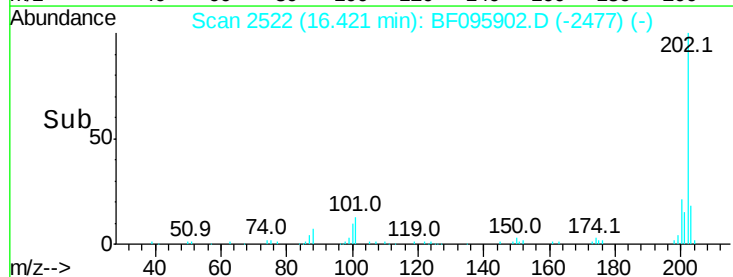
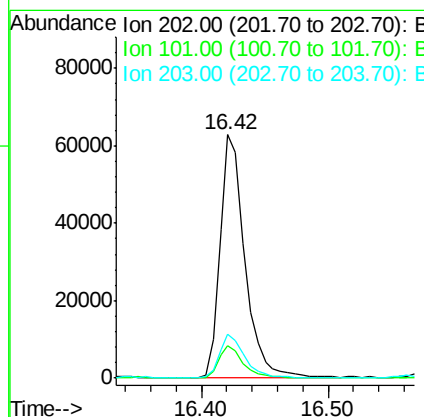
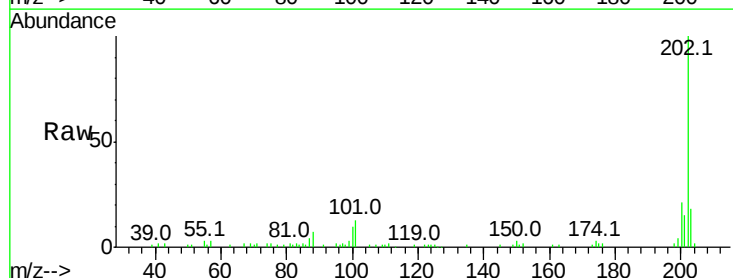
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#74
Fluoranthene
Concen: 6.48 ng
RT: 16.42 min Scan# 2522
Delta R.T. -0.04 min
Lab File: BF095902.D
Acq: 13 Jun 2017 19:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	33.2
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.32 min Scan# 2844

Delta R.T. -0.04 min

Lab File: BF095902.D

Acq: 13 Jun 2017 19:39

Instrument :

BNA_F

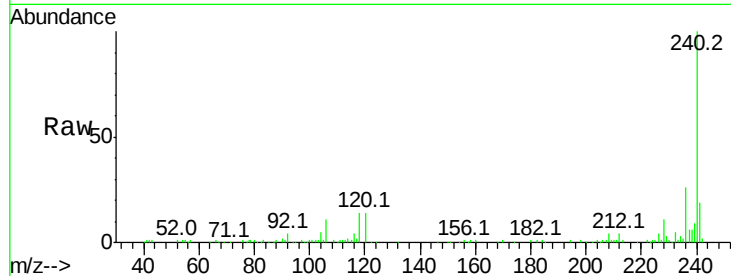
ClientSampleId :

RO-VNJ217

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.8	8.8#
236	25.6	20.5	30.7

Manual Integrations
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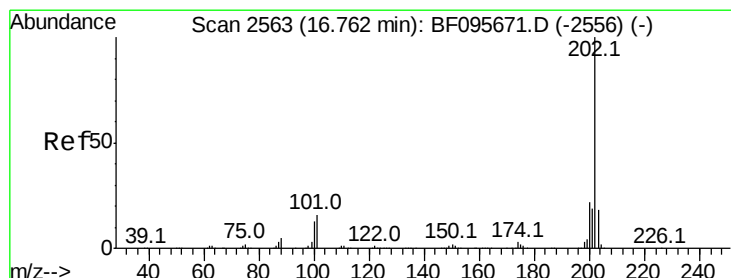
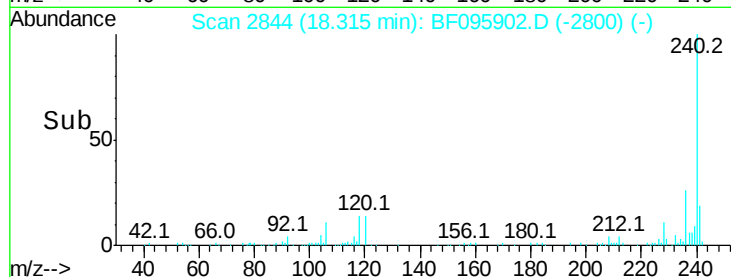
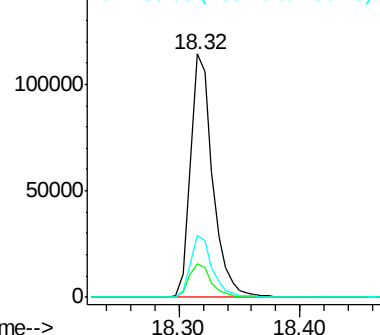
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 7.06 ng

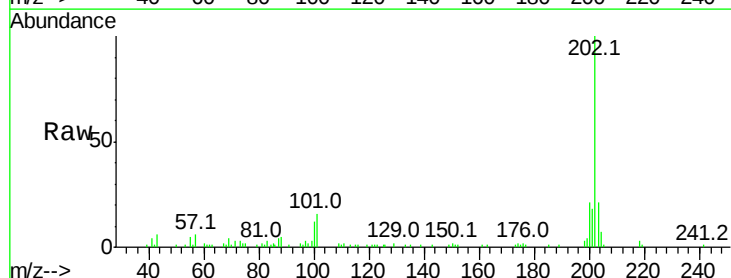
RT: 16.73 min Scan# 2574

Delta R.T. -0.04 min

Lab File: BF095902.D

Acq: 13 Jun 2017 19:39

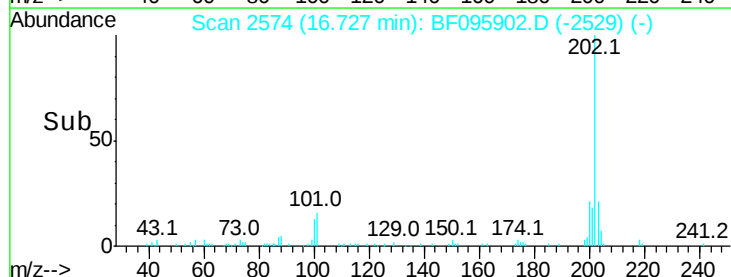
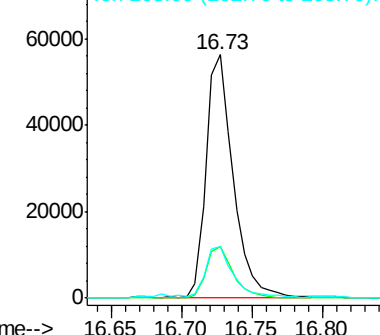
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.6	26.4
203	21.0	14.4	21.6



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





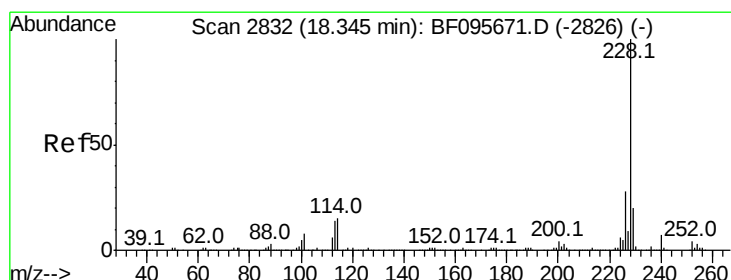
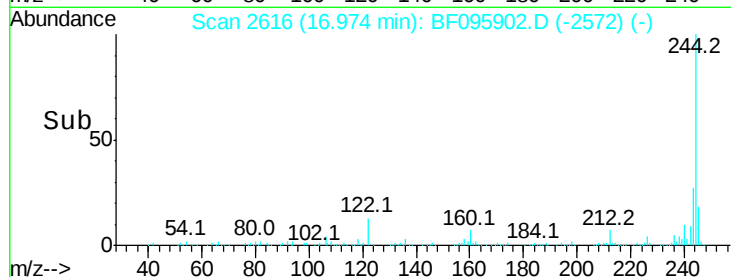
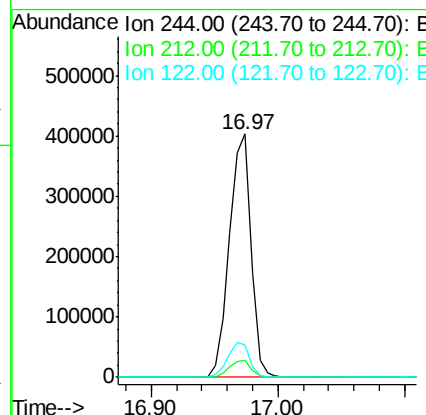
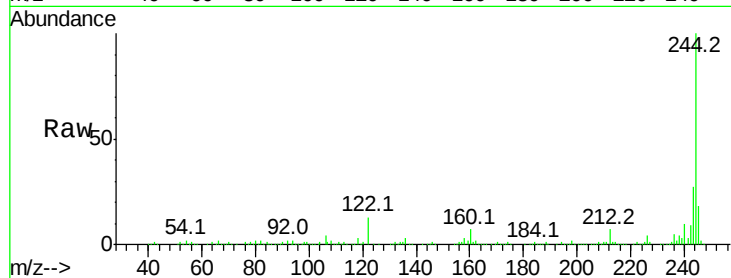
#78
 Terphenyl-d14
 Concen: 82.04 ng
 RT: 16.97 min Scan# 2616
 Delta R.T. -0.04 min
 Lab File: BF095902.D
 Acq: 13 Jun 2017 19:39

Instrument :
 BNA_F
 ClientSampled :
 RO-VNJ217

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.3	10.3	15.5

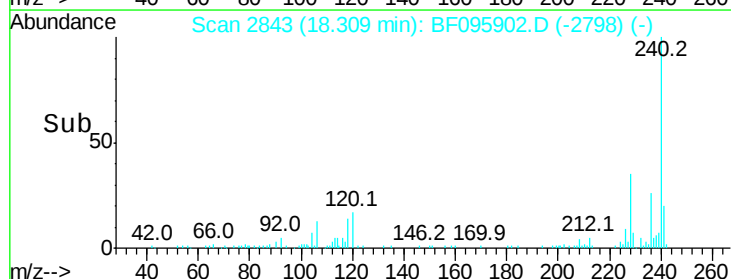
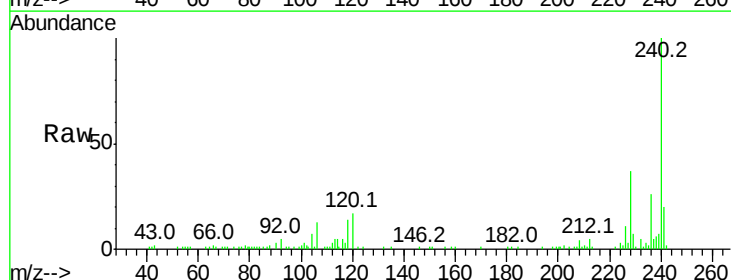
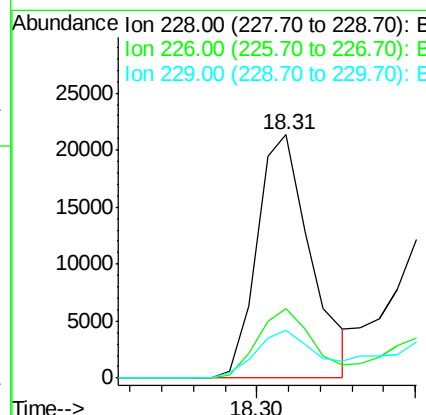
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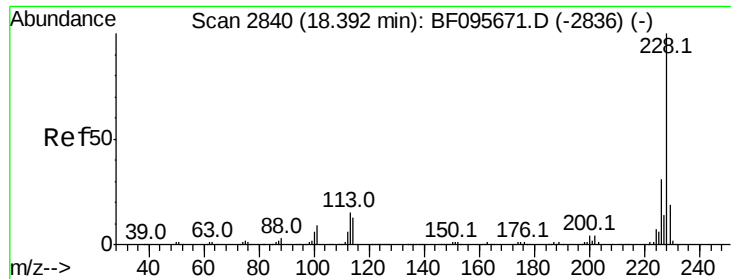
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#80
 Benzo(a)anthracene
 Concen: 2.99 ng
 RT: 18.31 min Scan# 2843
 Delta R.T. -0.04 min
 Lab File: BF095902.D
 Acq: 13 Jun 2017 19:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	19.9	16.3	24.5





#82

Chrysene

Concen: 3.20 ng

RT: 18.36 min Scan# 2851

Delta R.T. -0.04 min

Lab File: BF095902.D

Acq: 13 Jun 2017 19:39

Instrument :

BNA_F

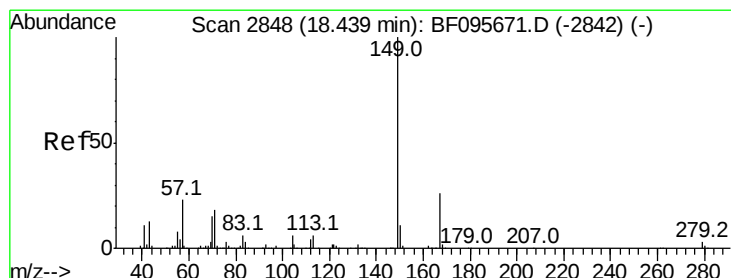
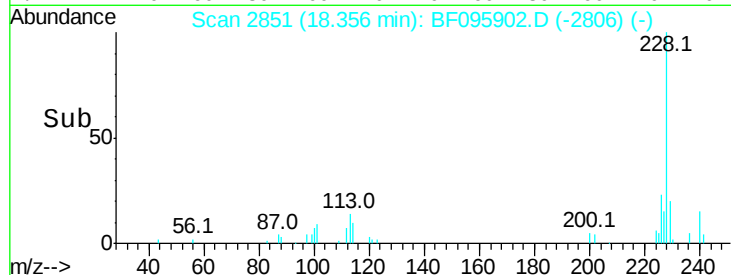
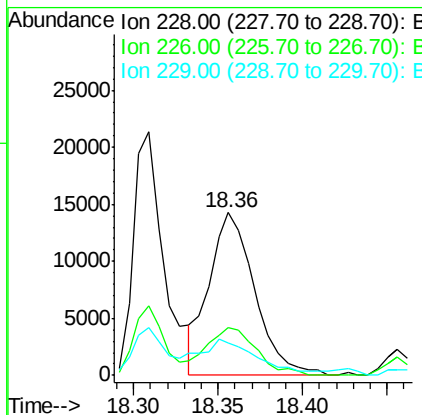
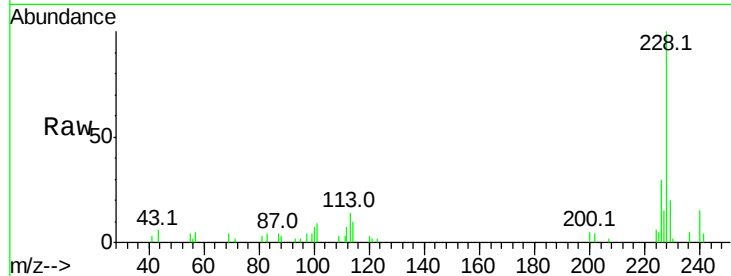
ClientSampleId :

RO-VNJ217

Tot Ion:	228	Resp:	26831
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.9	37.3
229	19.8	15.8	23.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 3.76 ng

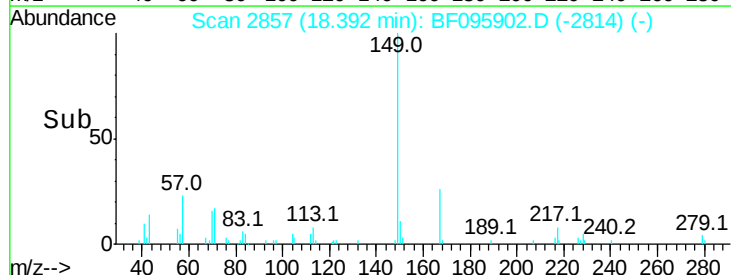
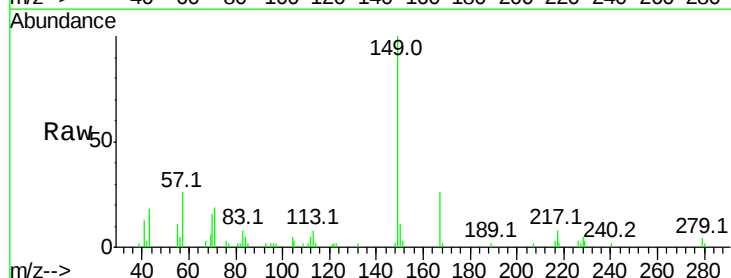
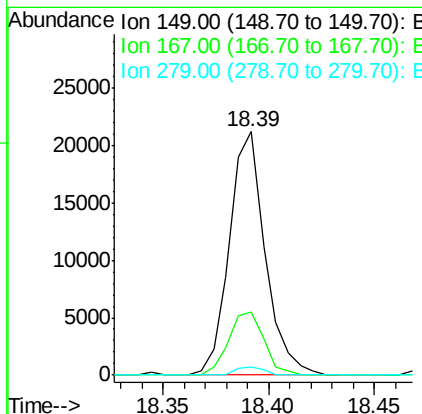
RT: 18.39 min Scan# 2857

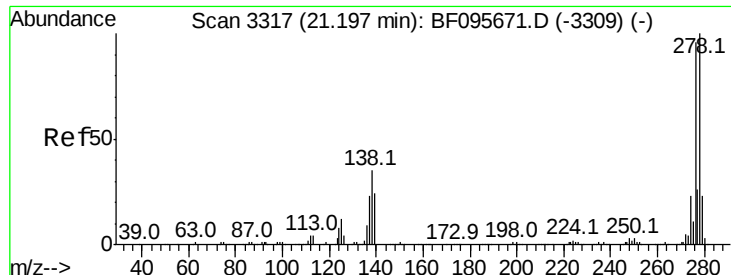
Delta R.T. -0.05 min

Lab File: BF095902.D

Acq: 13 Jun 2017 19:39

Tgt Ion:	149	Resp:	24878
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.0	31.4
279	3.5	1.9	2.9#





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.29 ng

RT: 21.19 min Scan# 3332

Delta R.T. -0.01 min

Lab File: BF095902.D

Acq: 13 Jun 2017 19:39

Instrument :

BNA_F

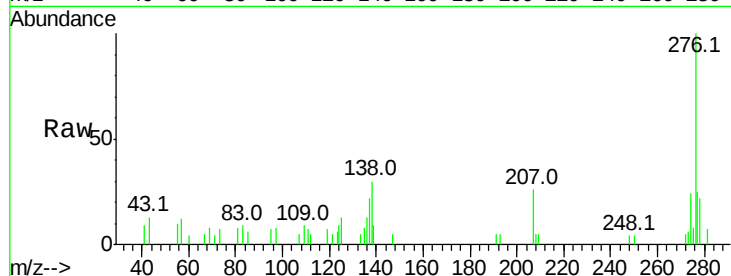
ClientSampleId :

RO-VNJ217

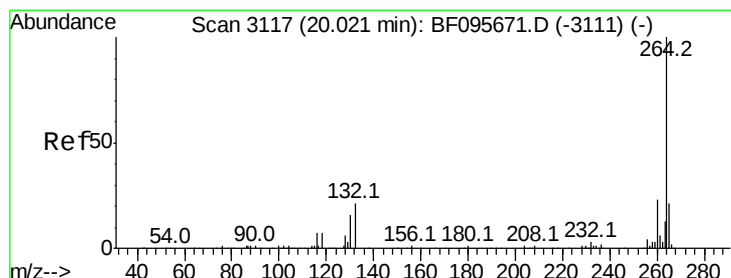
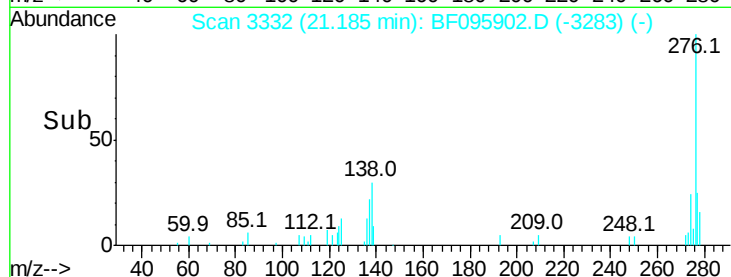
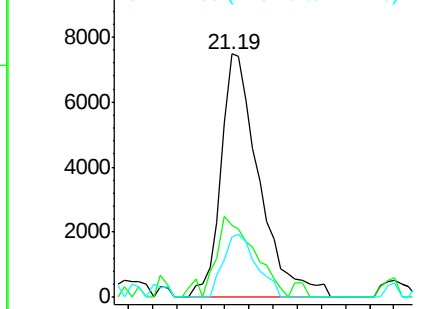
Tot Ion:	276	Resp:	16374
Ion Ratio	Lower	Upper	
276	100		
138	34.2	27.8	41.6
277	22.4	20.2	30.4

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

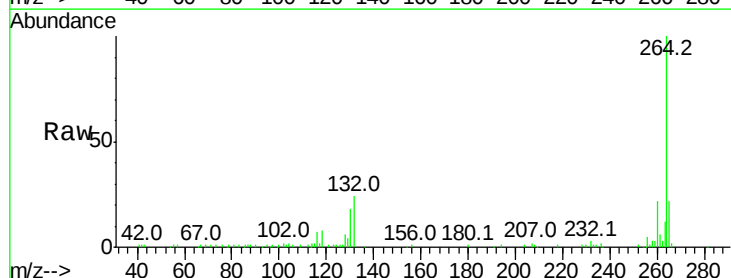
RT: 19.99 min Scan# 3128

Delta R.T. -0.04 min

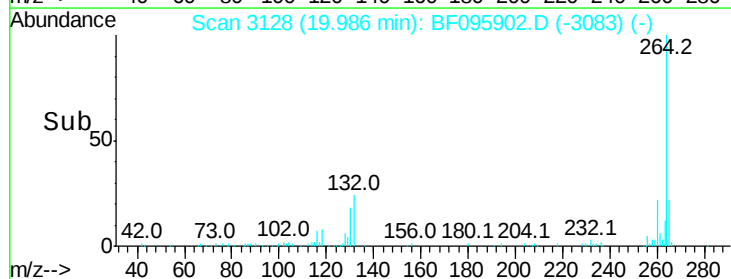
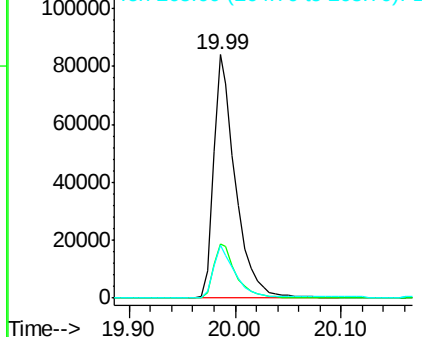
Lab File: BF095902.D

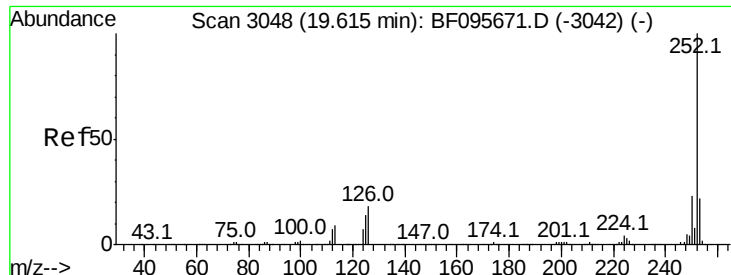
Acq: 13 Jun 2017 19:39

Tgt Ion:	264	Resp:	121440
Ion Ratio	Lower	Upper	
264	100		
260	22.3	19.5	29.3
265	21.7	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





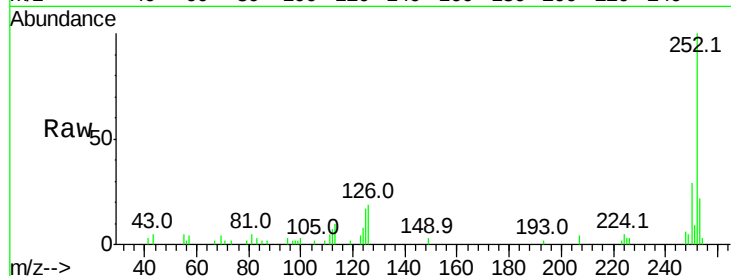
#87
Benzo(b)fluoranthene
Concen: 3.95 ng
RT: 19.60 min Scan# 3062
Delta R.T. -0.02 min
Lab File: BF095902.D
Acq: 13 Jun 2017 19:39

Instrument :
BNA_F
ClientSampled :
RO-VNJ217

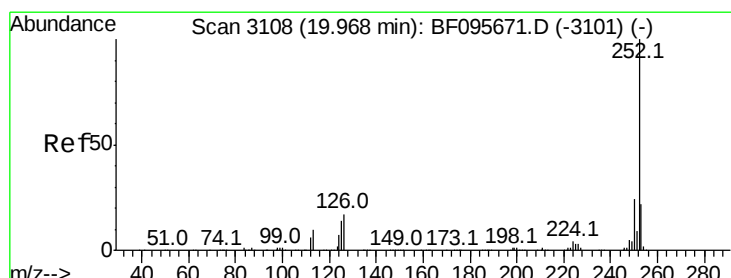
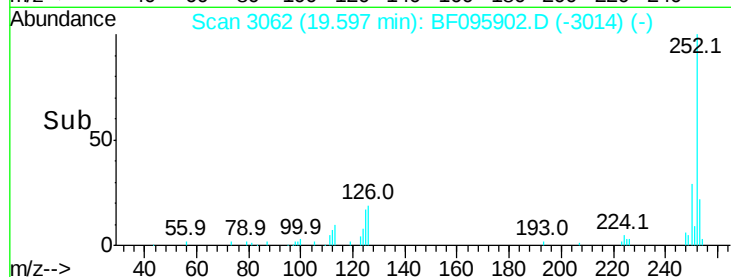
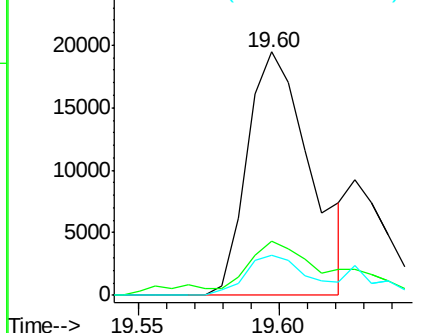
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	16.6	9.8	14.8

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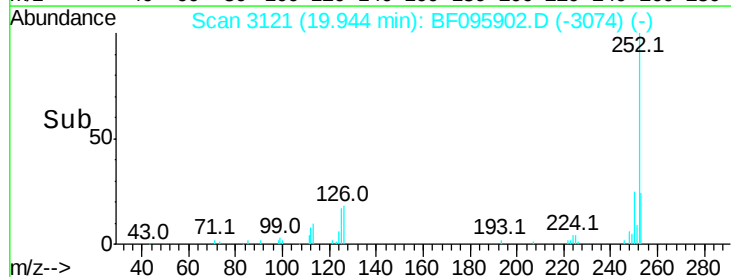
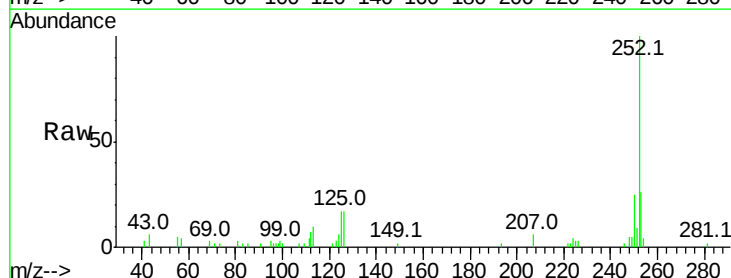
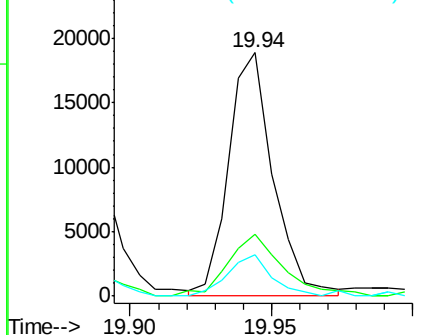
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

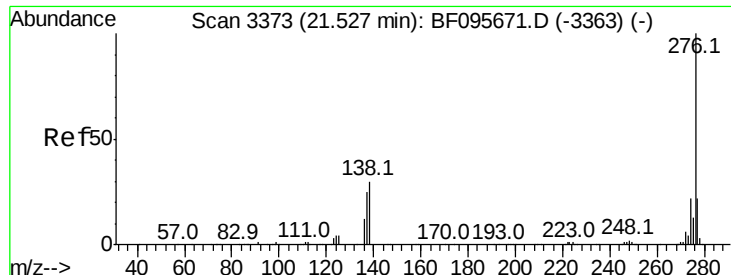


#89
Benzo(a)pyrene
Concen: 2.97 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095902.D
Acq: 13 Jun 2017 19:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.5	26.3
125	17.0	11.0	16.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a,h,i)perylene

Concen: 2.72 ng

RT: 21.52 min Scan# 3389

Delta R.T. -0.01 min

Lab File: BF095902.D

Acq: 13 Jun 2017 19:39

Instrument :

BNA_F

ClientSampleId :

RO-VNJ217

Tot Ion:	276	Resp:	16459
Ion Ratio	Lower	Upper	
276	100		
277	28.0	18.6	28.0#
138	28.0	25.4	38.0

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