

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095444.D
 Acq On : 26 May 2017 2:17
 Operator : SJ/MA
 Sample : I3349-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Manual Integrations
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Quant Time: May 26 11:36:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	90291	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	361620	20.00	ng	-0.01
38) Acenaphthene-d10	12.61	164	150232	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	227594	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	182833	20.00	ng	-0.02
86) Perylene-d12	20.36	264	134466	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.80	112	51064m	9.43	ng	0.06
7) Phenol-d6	7.40	99	62952m	9.69	ng	0.08
23) Nitrobenzene-d5	8.70	82	31667	5.52	ng	0.03
41) 2,4,6-Tribromophenol	13.93	330	10880	8.84	ng	0.01
44) 2-Fluorobiphenyl	11.55	172	90916	8.71	ng	0.00
78) Terphenyl-d14	17.32	244	59692	7.19	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
49) Dimethylphthalate	12.26	163	25169	2.04	ng	# 97
70) Phenanthrene	15.05	178	36510	2.79	ng	94
74) Fluoranthene	16.79	202	90544	6.75	ng	97
77) Pyrene	17.09	202	87315	6.39	ng	98
80) Benzo(a)anthracene	18.67	228	33724	3.17	ng	94
82) Chrysene	18.71	228	37312	3.63	ng	93
87) Benzo(b)fluoranthene	19.96	252	32110m	3.86	ng	
89) Benzo(a)pyrene	20.31	252	25905	3.38	ng	# 94
91) Benzo(g,h,i)perylene	22.11	276	14824	2.39	ng	# 87

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

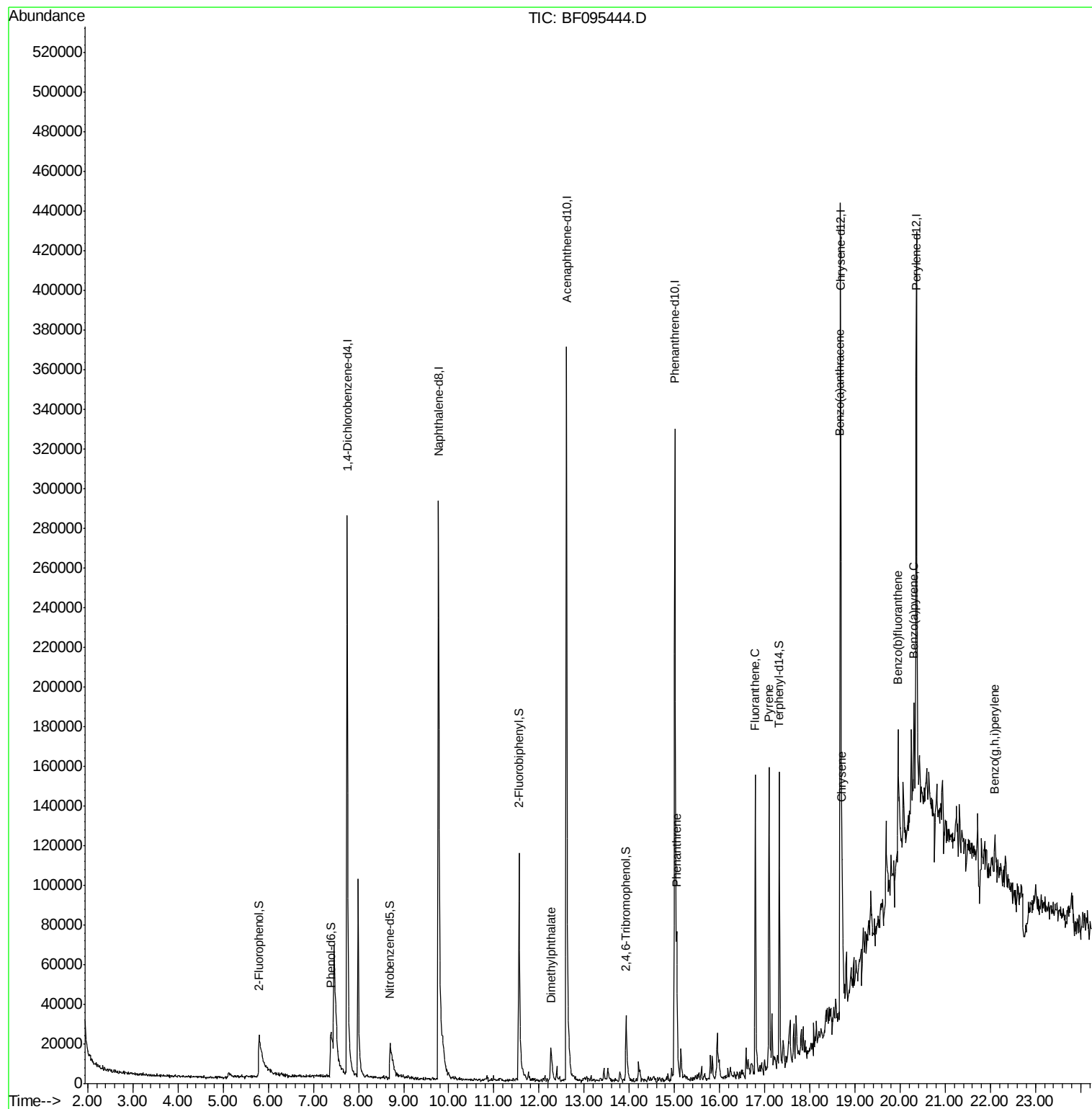
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095444.D
Acq On : 26 May 2017 2:17
Operator : SJ/MA
Sample : I3349-01 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

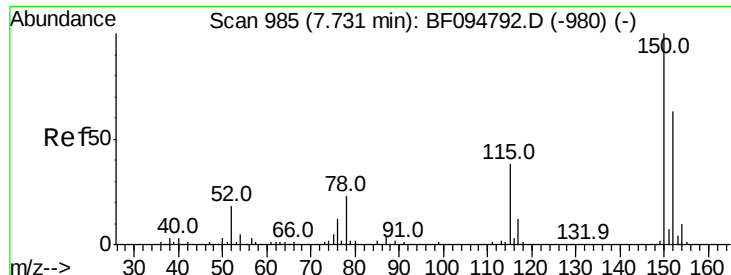
Instrument :
BNA_F
ClientSampled :
TP-4

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

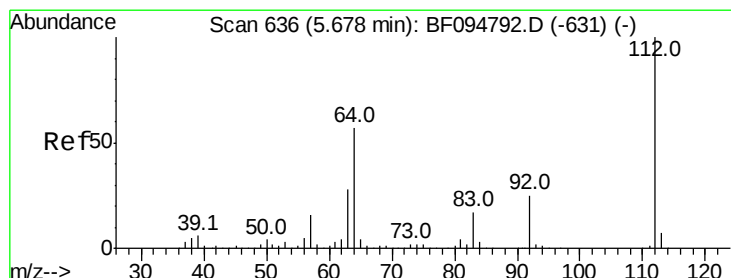
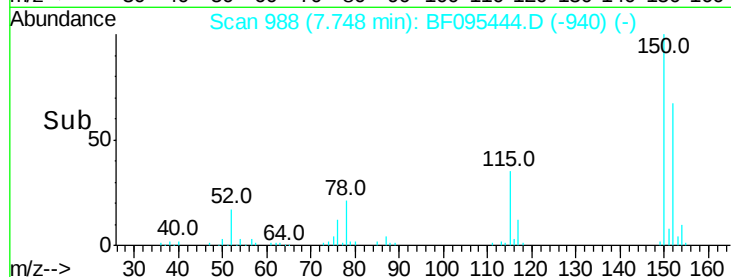
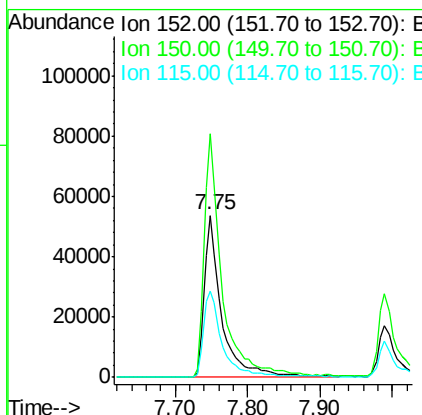
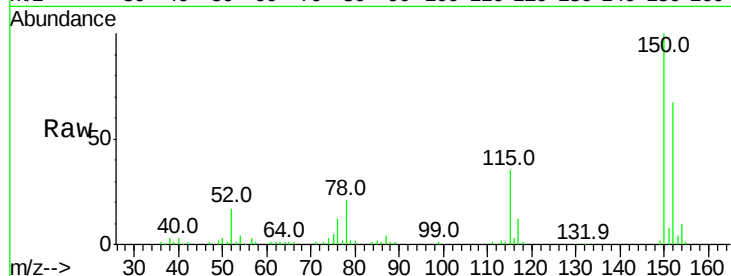
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF095444.D
Acq: 26 May 2017 2:17

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.2	126.2	189.2
115	53.3	52.2	78.2

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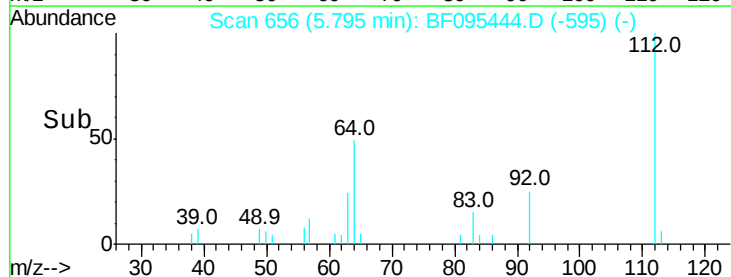
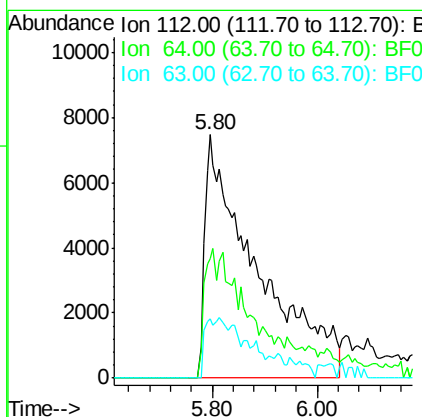
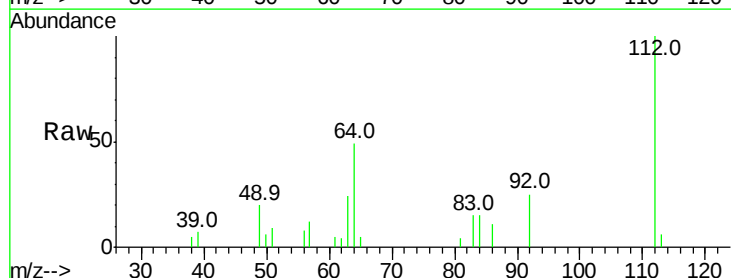
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#5

2-Fluorophenol
Concen: 9.43 ng m
RT: 5.80 min Scan# 656
Delta R.T. 0.06 min
Lab File: BF095444.D
Acq: 26 May 2017 2:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.0	46.0	69.0
63	24.2	23.4	35.0





#7

Phenol-d6

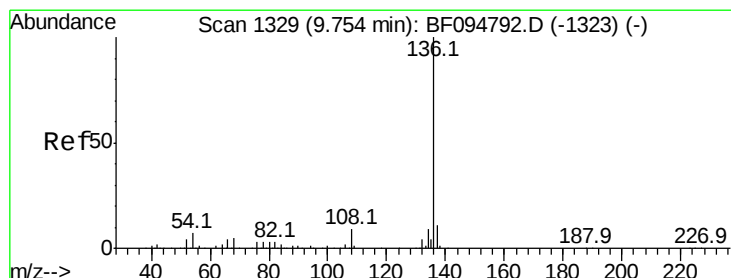
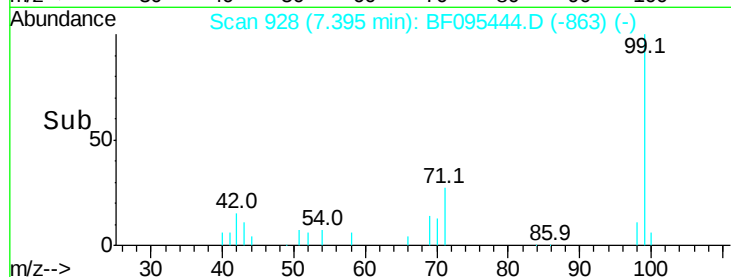
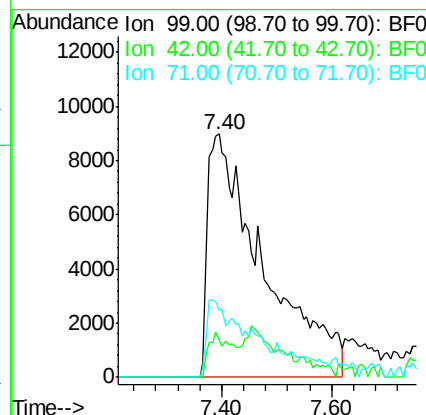
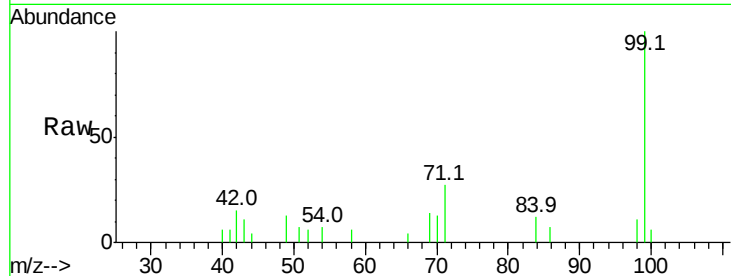
Concen: 9.69 ng/ml
 RT: 7.40 min Scan# 928
 Delta R.T. 0.08 min
 Lab File: BF095444.D
 Acq: 26 May 2017 2:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion:	99	Resp:	62952
Ion Ratio	Lower	Upper	
99	100		
42	15.5	13.5	20.3
71	27.4	24.5	36.7

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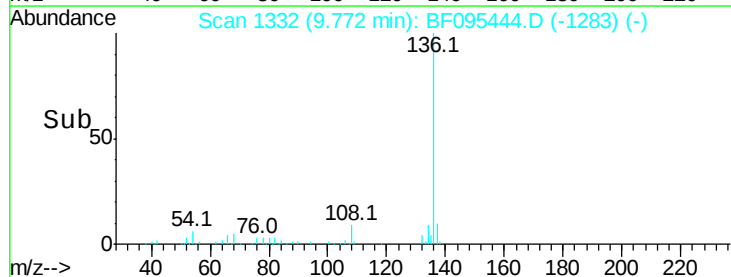
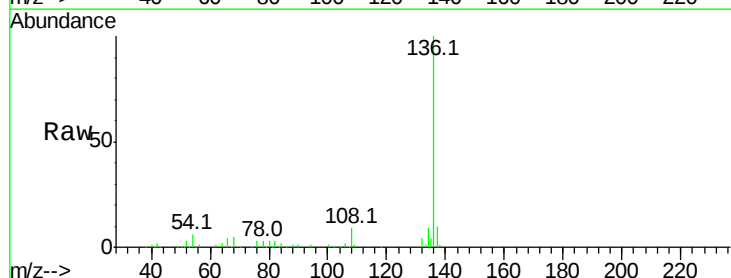
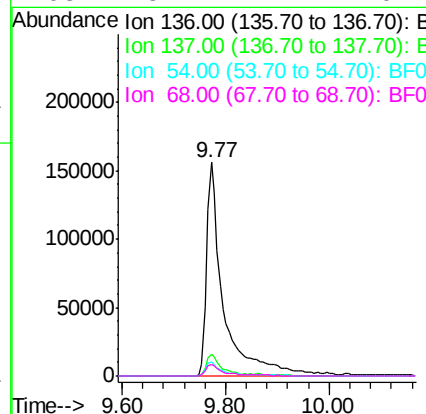


#21

Naphthalene-d8

Concen: 20.00 ng
 RT: 9.77 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF095444.D
 Acq: 26 May 2017 2:17

Tgt Ion:	136	Resp:	361620
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.5	12.7
54	6.3	4.9	7.3
68	5.4	4.1	6.1





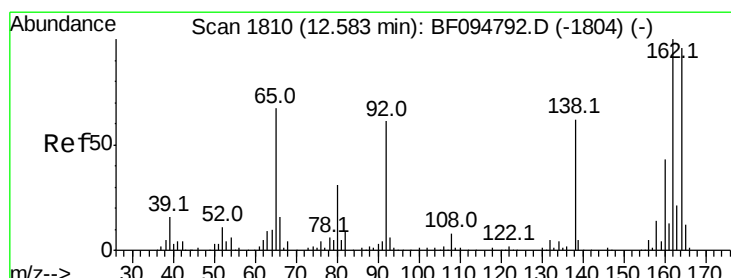
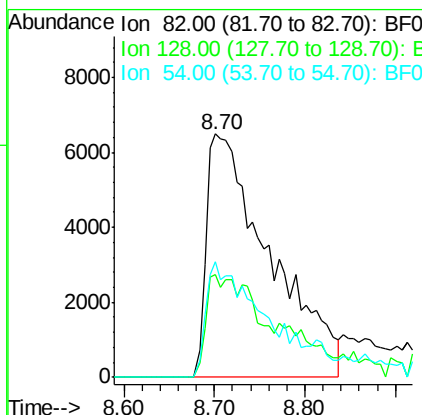
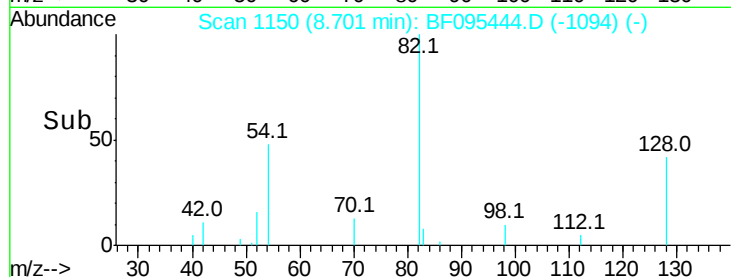
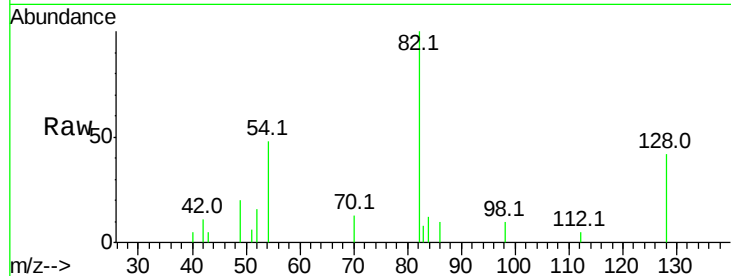
#23
 Nitrobenzene-d5
 Concen: 5.52 ng
 RT: 8.70 min Scan# 1150
 Delta R.T. 0.03 min
 Lab File: BF095444.D
 Acq: 26 May 2017 2:17

Instrument :
 BNA_F
 ClientSampled :
 TP-4

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.0	51.0
54	47.6	42.2	63.2

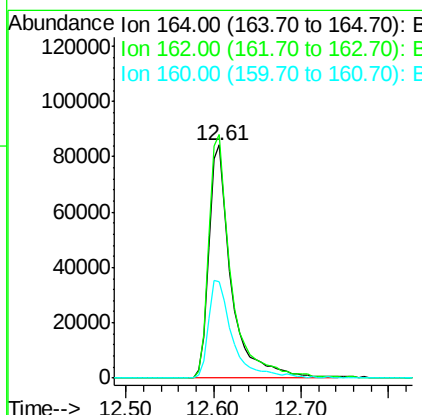
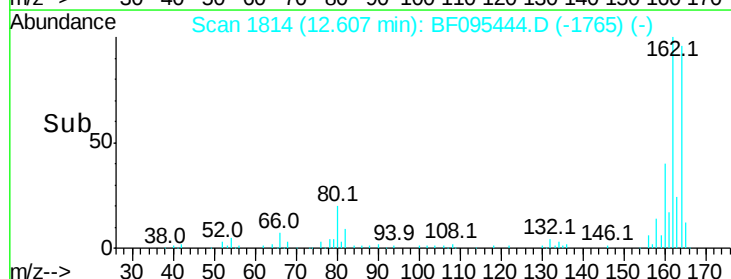
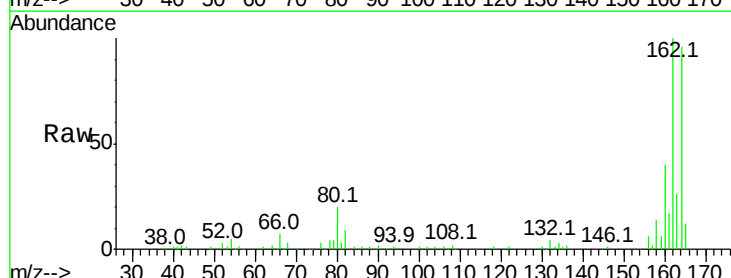
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BF095444.D
 Acq: 26 May 2017 2:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.6	123.8
160	41.6	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 8.84 ng

RT: 13.93 min Scan# 2039

Delta R.T. 0.01 min

Lab File: BF095444.D

Acq: 26 May 2017 2:17

Instrument :

BNA_F

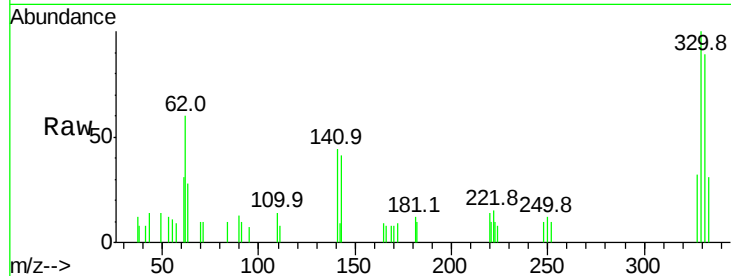
ClientSampled :

TP-4

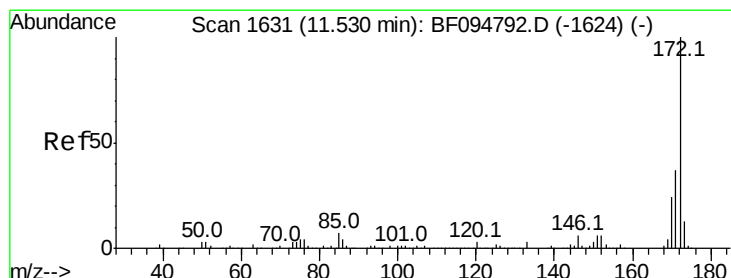
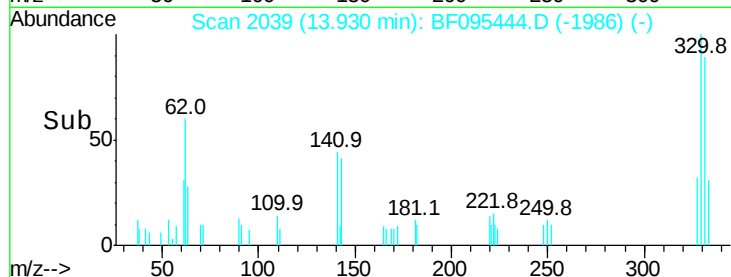
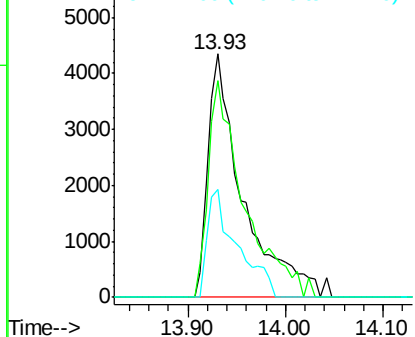
Tot Ion:	330	Resp:	10880
Ion Ratio	Lower	Upper	
330	100		
332	91.0	76.6	115.0
141	37.2	31.4	47.2

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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: 8.71 ng

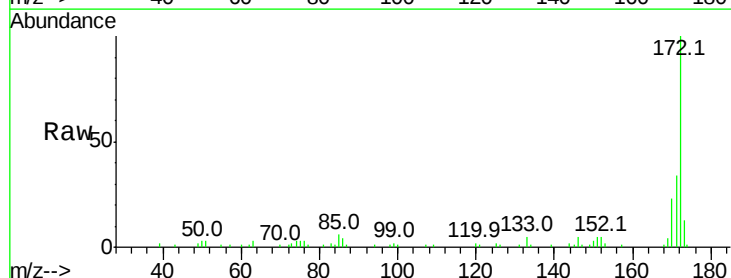
RT: 11.55 min Scan# 1635

Delta R.T. -0.01 min

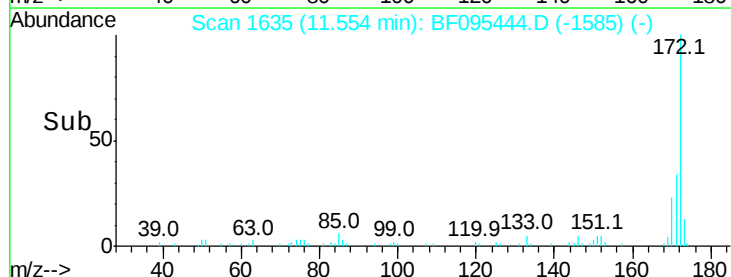
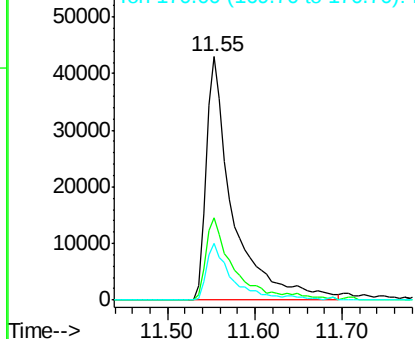
Lab File: BF095444.D

Acq: 26 May 2017 2:17

Tgt Ion:	172	Resp:	90916
Ion Ratio	Lower	Upper	
172	100		
171	33.9	29.6	44.4
170	23.1	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





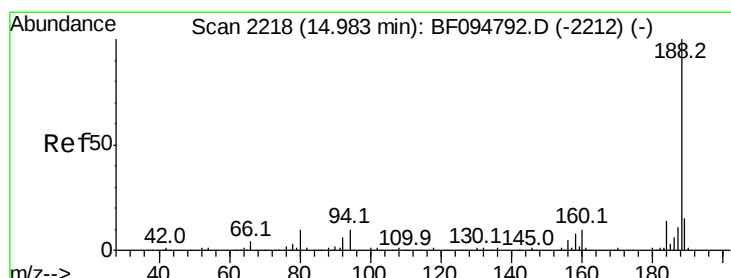
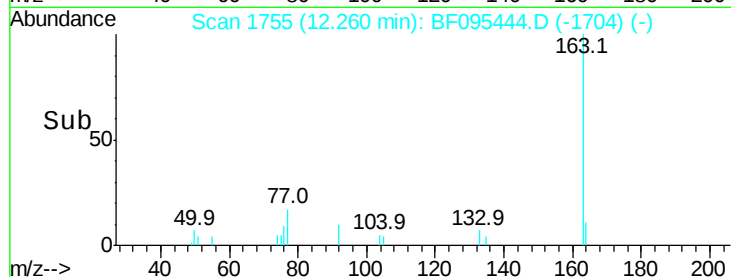
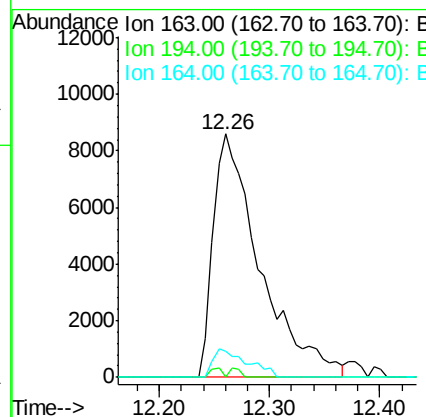
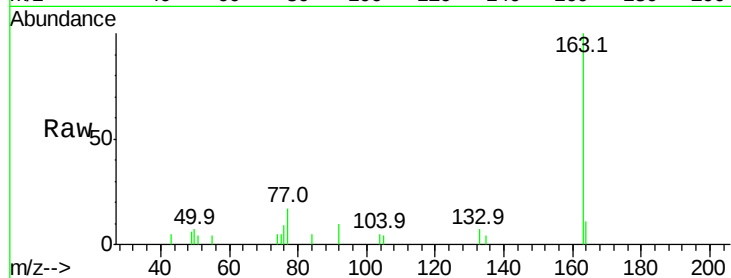
#49
Dimethylphthalate
Concen: 2.04 ng
RT: 12.26 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF095444.D
Acq: 26 May 2017 2:17

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion	Ratio	Resp	Lower	Upper
163	100	25169		
194	0.0	2.6	4.0#	
164	10.9	8.4	12.6	

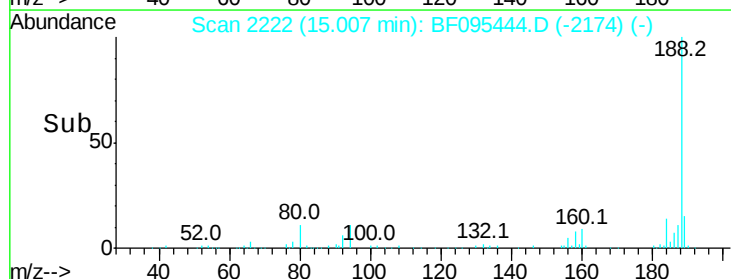
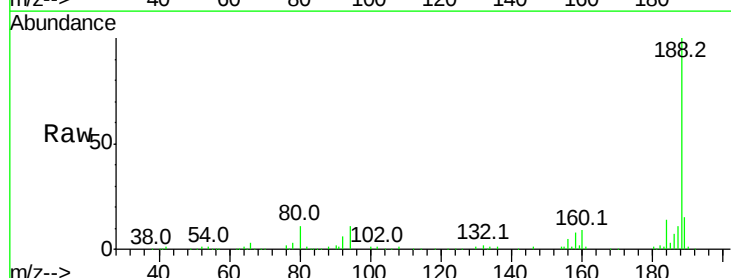
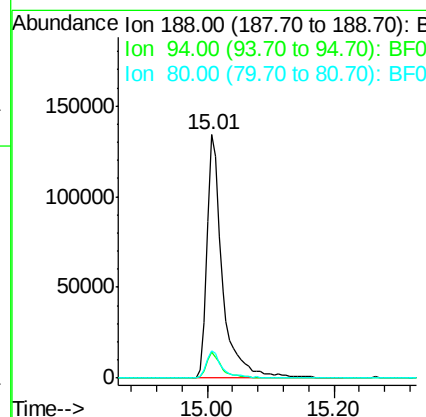
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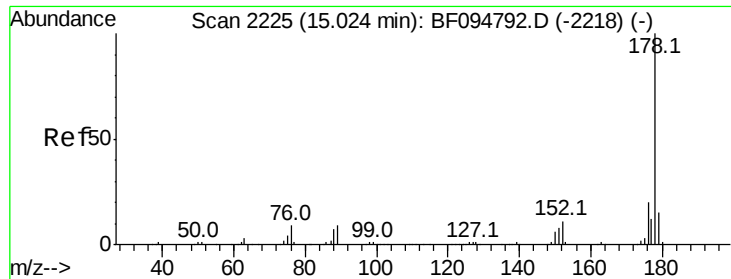
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095444.D
Acq: 26 May 2017 2:17

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	227594		
94	10.9	9.4	14.2	
80	11.3	10.2	15.2	





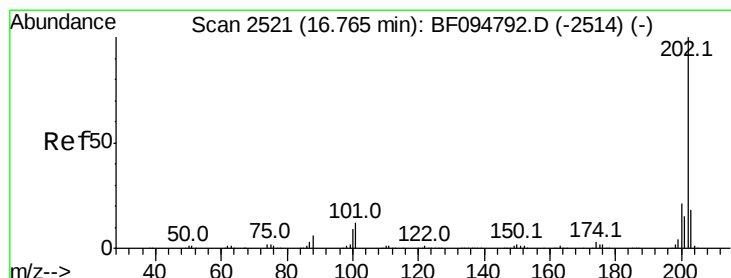
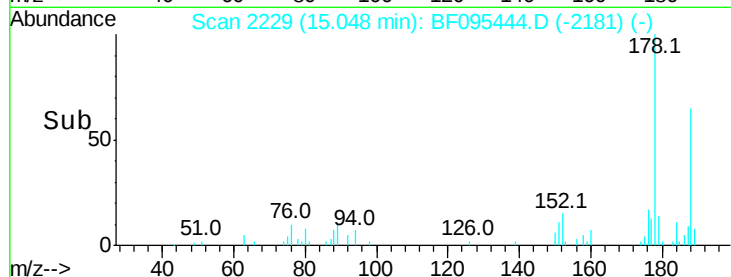
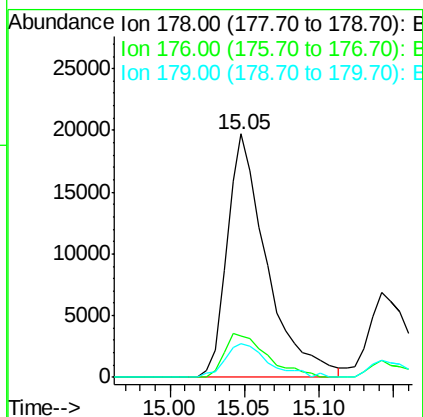
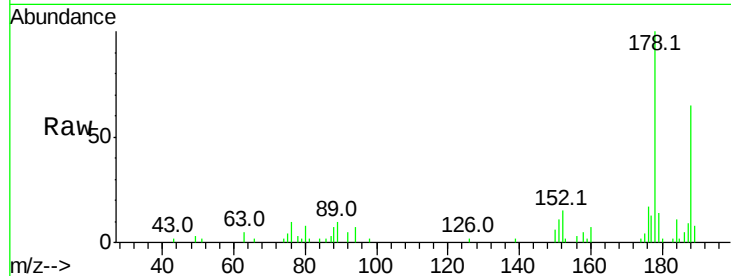
#70
Phenanthrene
Concen: 2.79 ng
RT: 15.05 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF095444.D
Acq: 26 May 2017 2:17

Instrument :
BNA_F
ClientSampled :
TP-4

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.1	16.2	24.4
179	13.8	12.6	19.0

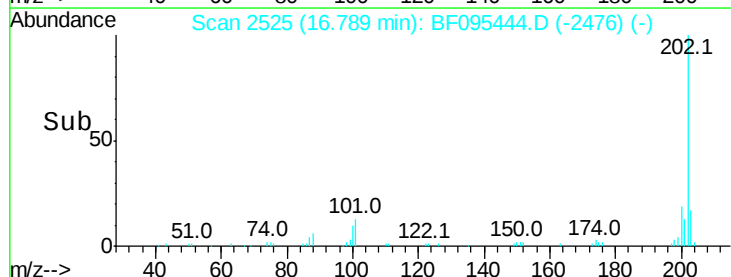
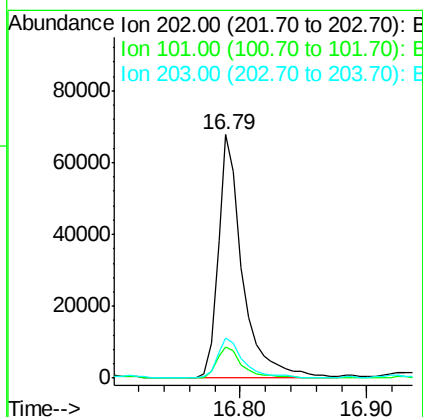
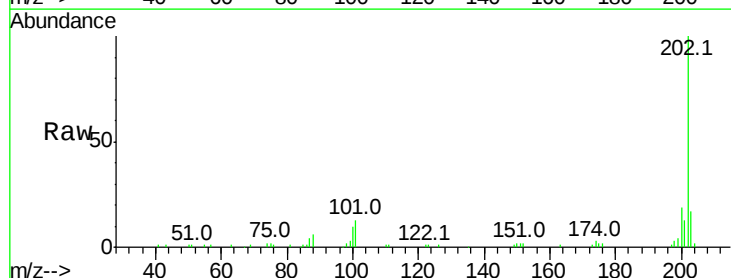
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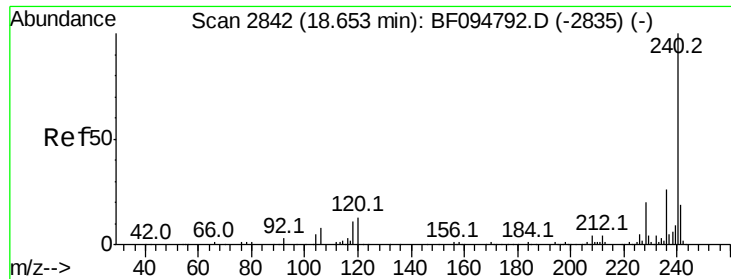
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#74
Fluoranthene
Concen: 6.75 ng
RT: 16.79 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF095444.D
Acq: 26 May 2017 2:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	16.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BF095444.D

Acq: 26 May 2017 2:17

Instrument :

BNA_F

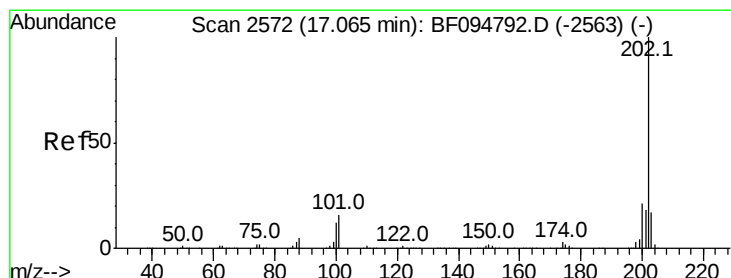
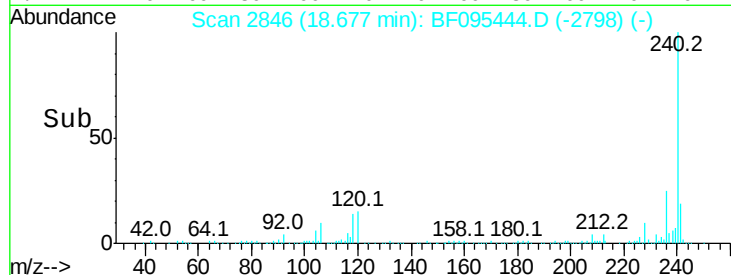
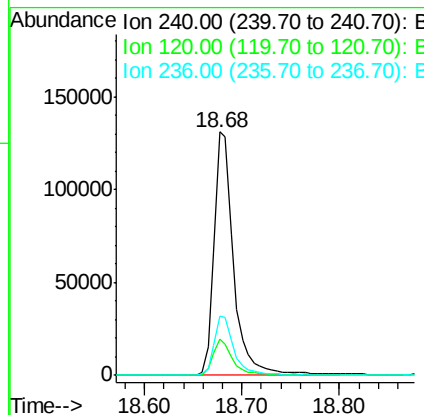
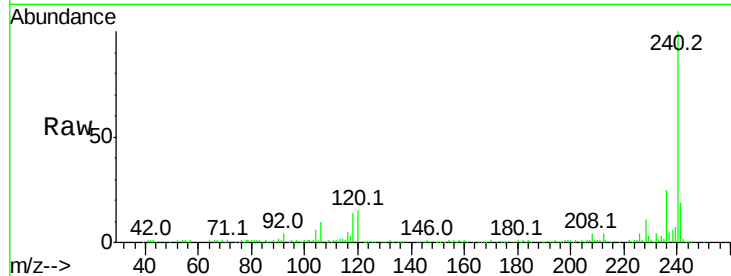
ClientSampleId :

TP-4

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	24.5	20.5	30.7

Manual Integrations
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#77

Pyrene

Concen: 6.39 ng

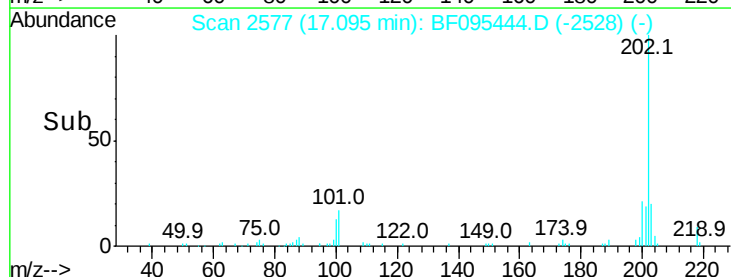
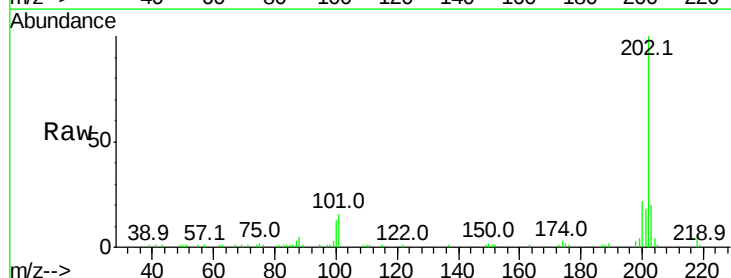
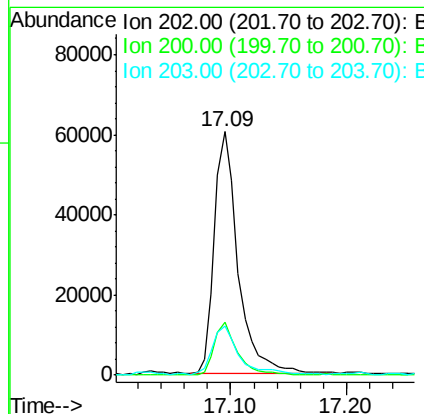
RT: 17.09 min Scan# 2577

Delta R.T. -0.01 min

Lab File: BF095444.D

Acq: 26 May 2017 2:17

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	20.1	14.4	21.6





#78

Terphenyl-d14

Concen: 7.19 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095444.D

Acq: 26 May 2017 2:17

Instrument :

BNA_F

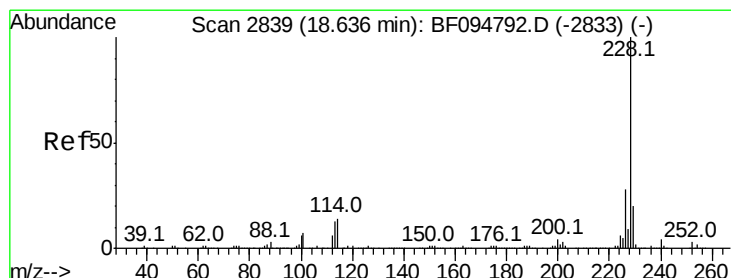
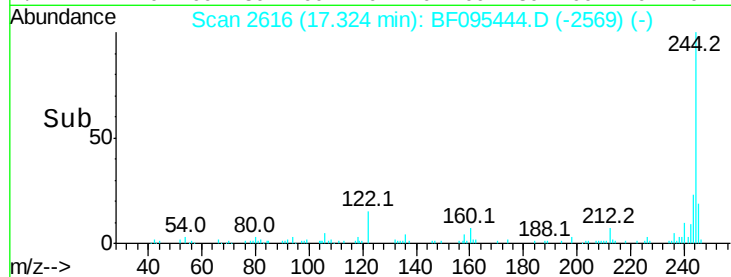
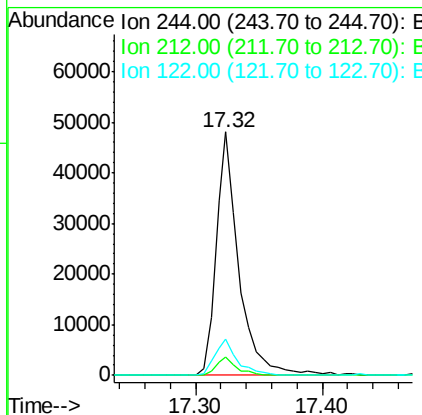
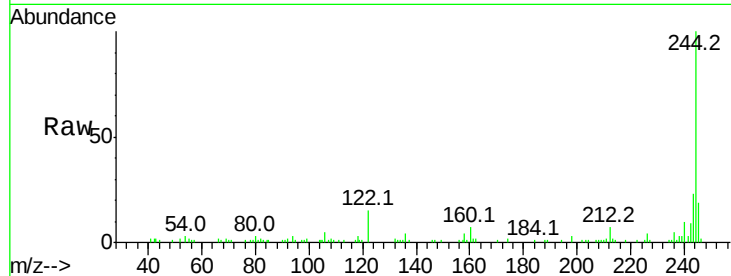
ClientSampleId :

TP-4

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	14.8	10.3	15.5

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#80

Benzo(a)anthracene

Concen: 3.17 ng

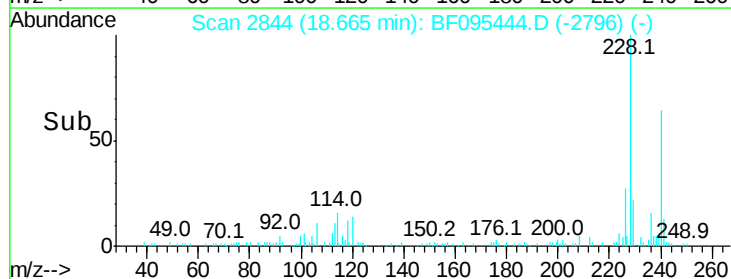
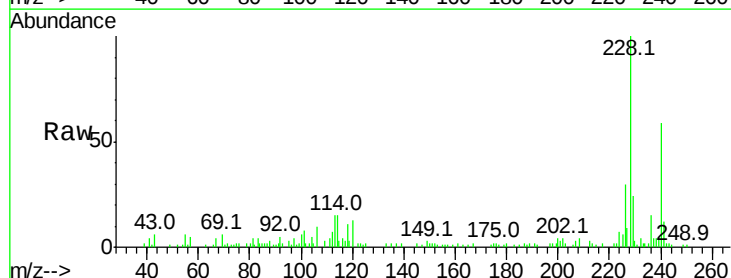
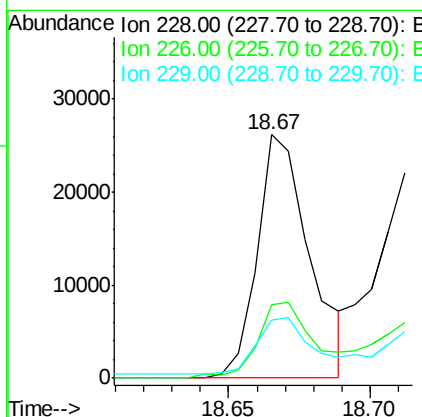
RT: 18.67 min Scan# 2844

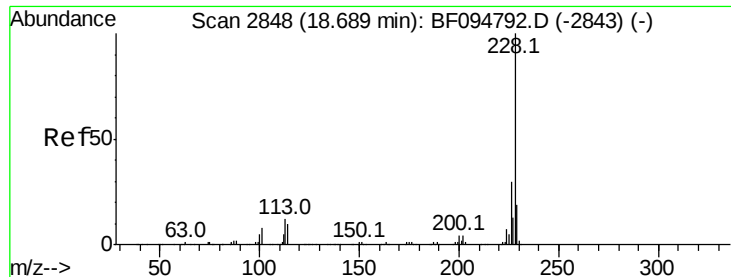
Delta R.T. -0.02 min

Lab File: BF095444.D

Acq: 26 May 2017 2:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.6	33.8
229	24.0	16.3	24.5





#82

Chrysene

Concen: 3.63 ng

RT: 18.71 min Scan# 2852

Delta R.T. -0.02 min

Lab File: BF095444.D

Acq: 26 May 2017 2:17

Instrument :

BNA_F

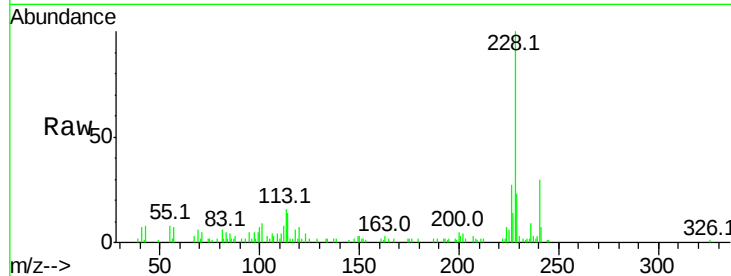
ClientSampleId :

TP-4

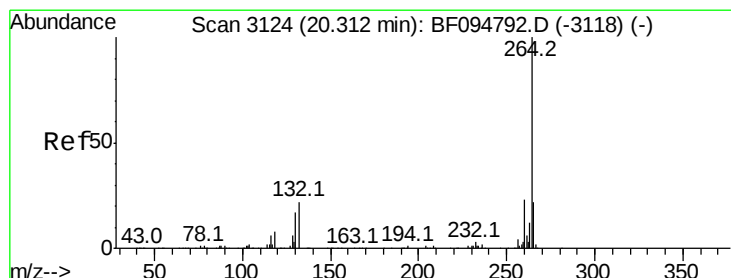
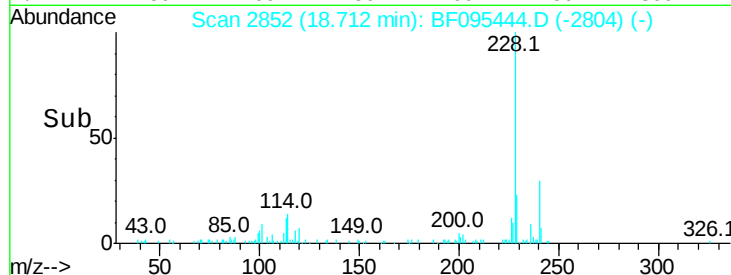
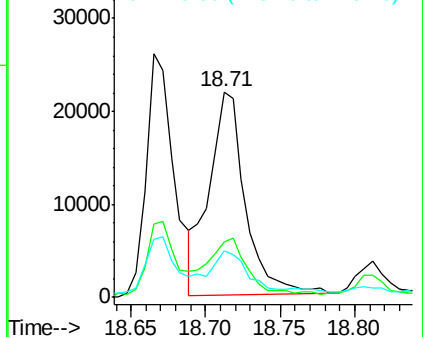
Tot Ion:	228	Resp:	37312
Ion Ratio	Lower	Upper	
228	100		
226	27.3	24.9	37.3
229	22.7	15.8	23.6

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.00 ng

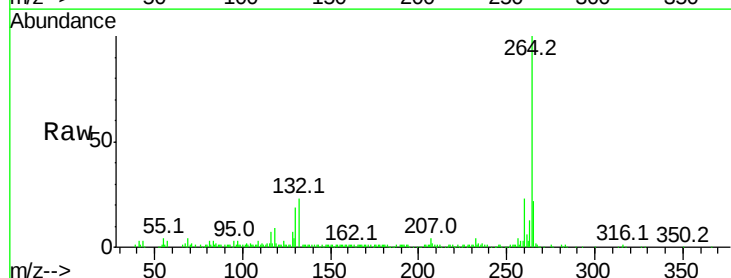
RT: 20.36 min Scan# 3132

Delta R.T. -0.01 min

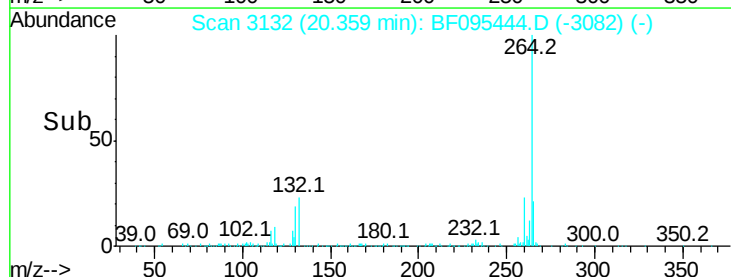
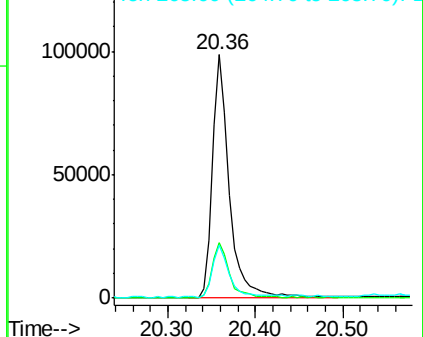
Lab File: BF095444.D

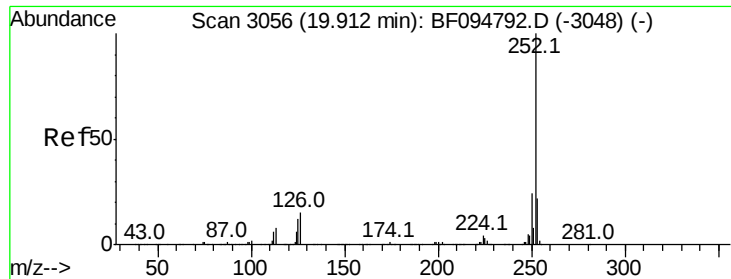
Acq: 26 May 2017 2:17

Tgt Ion:	264	Resp:	134466
Ion Ratio	Lower	Upper	
264	100		
260	22.6	19.5	29.3
265	21.5	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





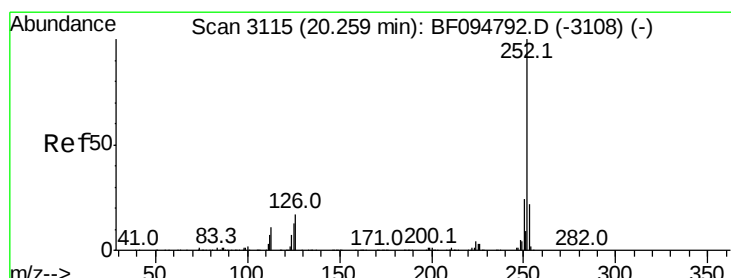
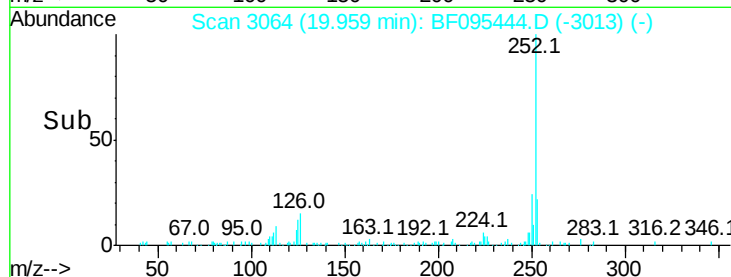
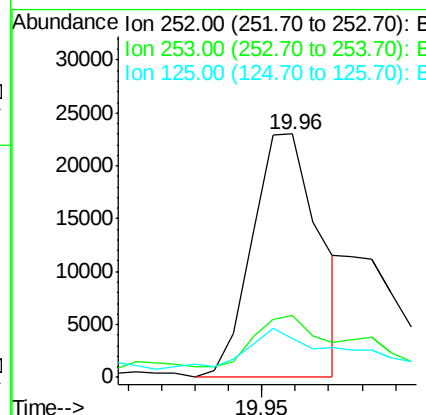
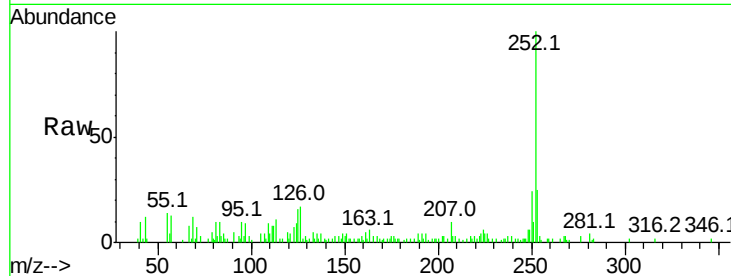
#87
Benzo(b)fluoranthene
Concen: 3.86 ng m
RT: 19.96 min Scan# 3064
Delta R.T. 0.00 min
Lab File: BF095444.D
Acq: 26 May 2017 2:17

Instrument :
BNA_F
ClientSampleId :
TP-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.1	27.1
125	16.1	9.8	14.8

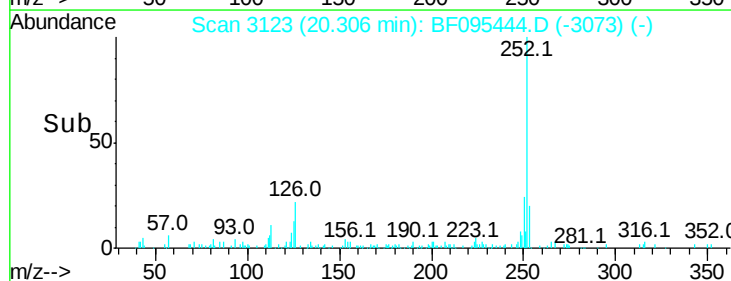
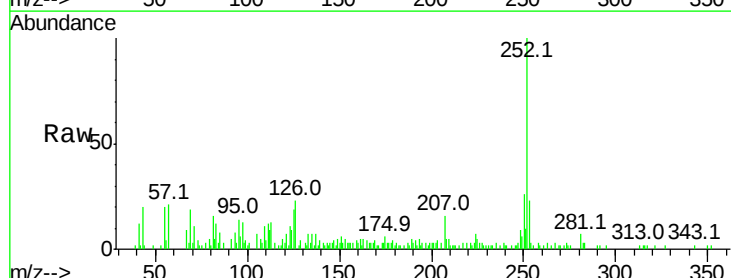
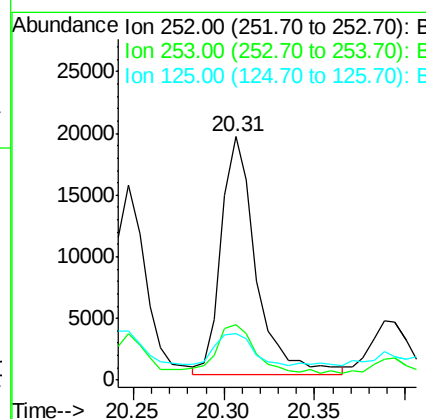
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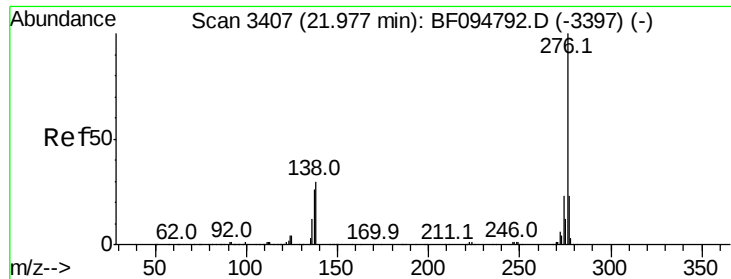
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#89
Benzo(a)pyrene
Concen: 3.38 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095444.D
Acq: 26 May 2017 2:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	19.0	11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 2.39 ng
 RT: 22.11 min Scan# 3429
 Delta R.T. 0.02 min
 Lab File: BF095444.D
 Acq: 26 May 2017 2:17

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tot Ion	Ratio	Lower	Upper
276	100		
277	31.0	18.6	28.0#
138	25.5	25.4	38.0

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