

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095993.D
 Acq On : 17 Jun 2017 12:32
 Operator : SJ/MA
 Sample : I3686-01 10X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-S5-NSW

Manual Integrations
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Quant Time: Jun 19 01:57:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	63376	20.00	ng	0.00
21) Naphthalene-d8	9.36	136	261961	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	106721	20.00	ng	-0.01
63) Phenanthrene-d10	14.57	188	162760	20.00	ng	0.00
75) Chrysene-d12	18.29	240	133331	20.00	ng	-0.01
86) Perylene-d12	19.96	264	124771	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	25734	6.47	ng	0.09
7) Phenol-d6	6.99	99	42790	8.99	ng	0.08
23) Nitrobenzene-d5	8.30	82	21782	5.16	ng	0.05
41) 2,4,6-Tribromophenol	13.50	330	6376	6.75	ng	0.02
44) 2-Fluorobiphenyl	11.13	172	61183	7.98	ng	0.00
78) Terphenyl-d14	16.94	244	37533	6.99	ng	-0.01
Target Compounds						Qvalue
74) Fluoranthene	16.39	202	66766	7.18	ng	98
77) Pyrene	16.70	202	58094	5.84	ng	97
80) Benzo(a)anthracene	18.27	228	29459	3.80	ng	97
82) Chrysene	18.33	228	25432	3.28	ng	97
85) Indeno(1,2,3-cd)pyrene	21.15	276	13976	2.11	ng	92
87) Benzo(b)fluoranthene	19.56	252	38467	4.92	ng	# 96
89) Benzo(a)pyrene	19.91	252	27623	3.85	ng	95

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

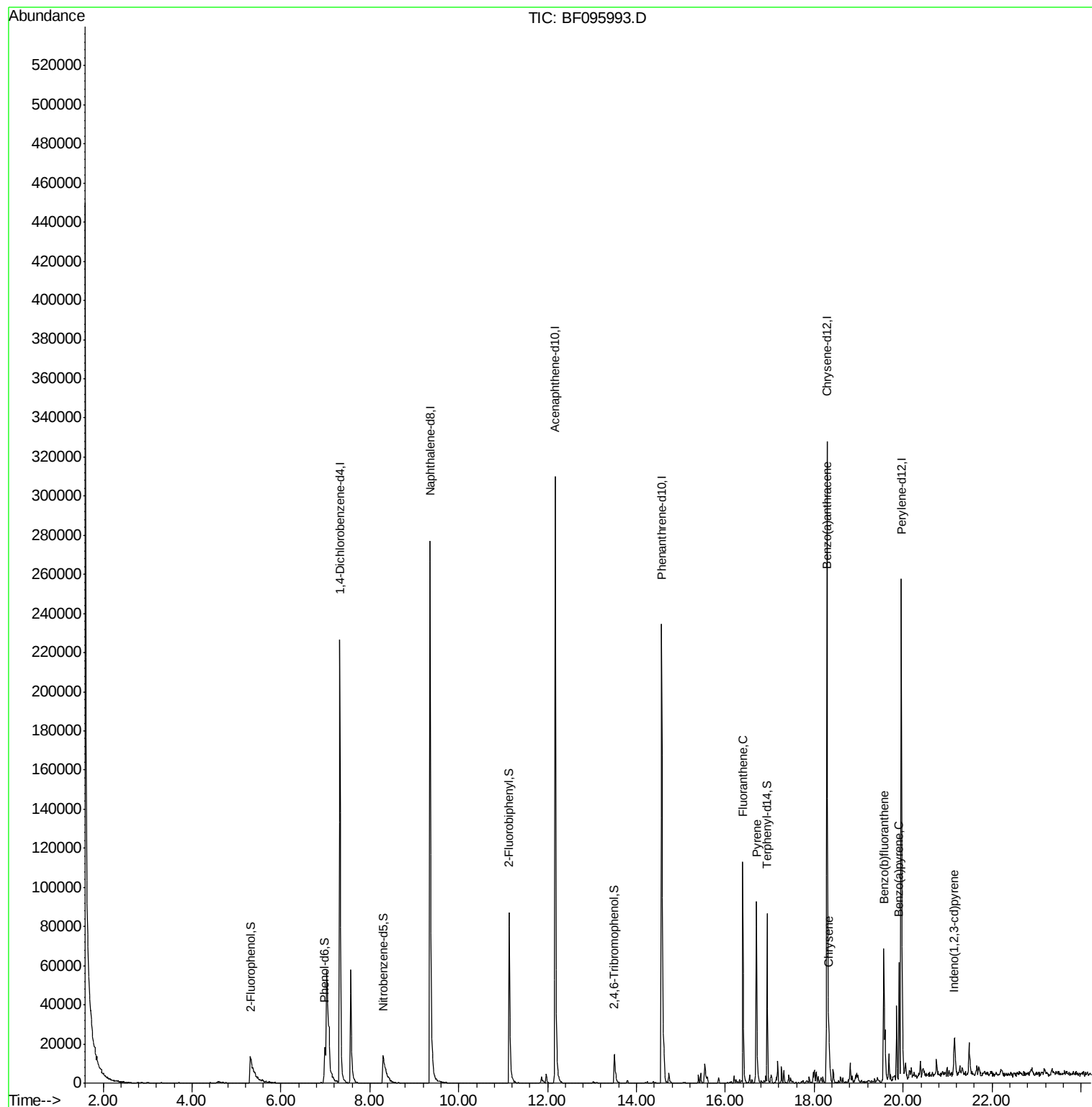
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
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ALS Vial : 42 Sample Multiplier: 1

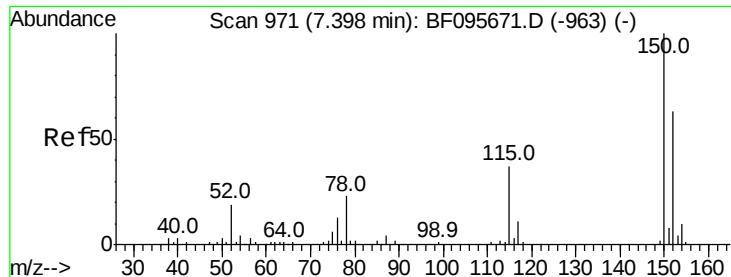
Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

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Quant Time: Jun 19 01:57:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.32 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF095993.D

Acq: 17 Jun 2017 12:32

Instrument :

BNA_F

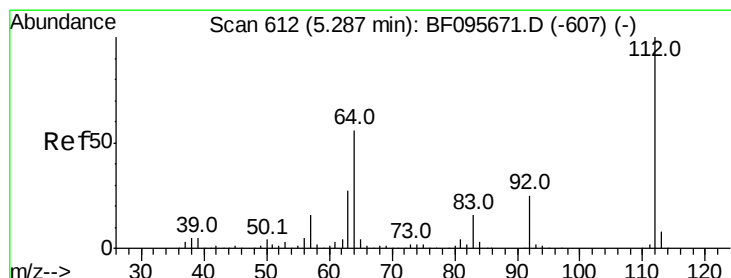
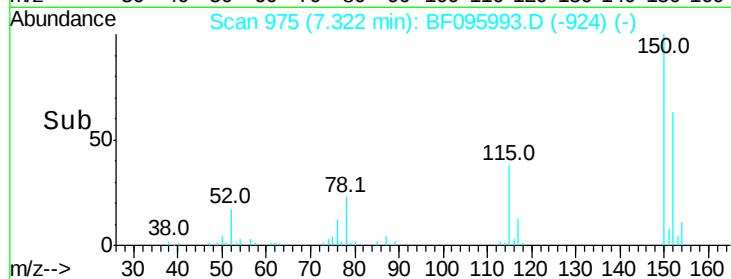
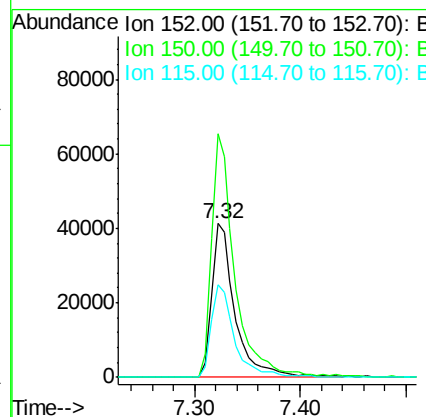
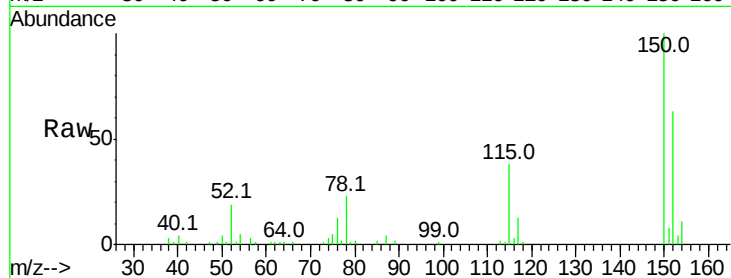
ClientSampleId :

E2-S5-NSW

Tot Ion:	152	Resp:	63376
Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.2	189.2
115	60.3	52.2	78.2

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#5

2-Fluorophenol

Concen: 6.47 ng

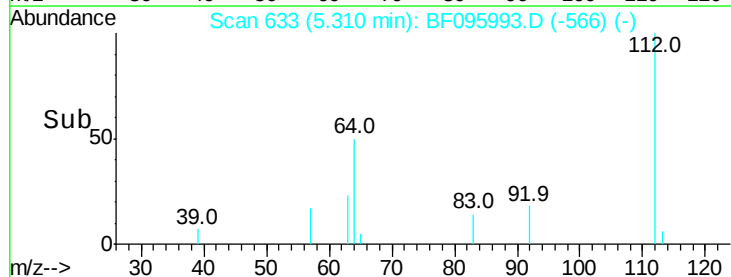
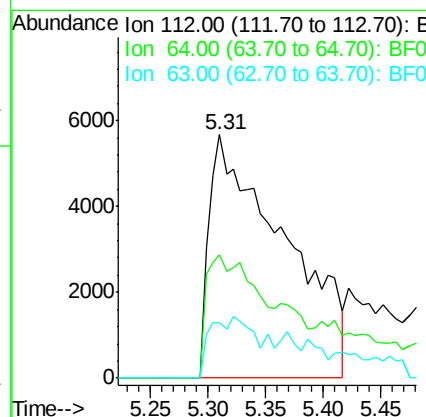
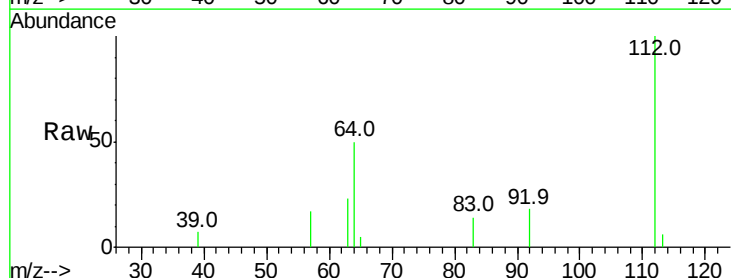
RT: 5.31 min Scan# 633

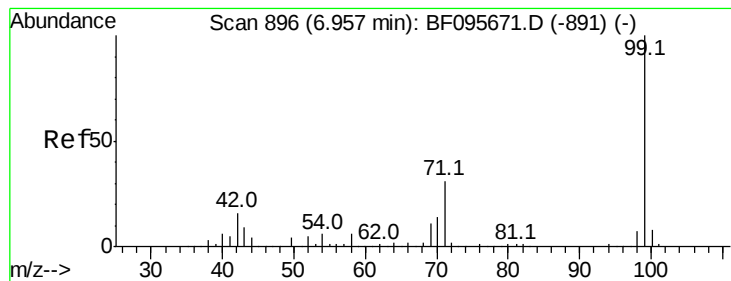
Delta R.T. 0.09 min

Lab File: BF095993.D

Acq: 17 Jun 2017 12:32

Tgt Ion:	112	Resp:	25734
Ion	Ratio	Lower	Upper
112	100		
64	50.5	46.0	69.0
63	22.8	23.4	35.0#





#7

Phenol-d6

Concen: 8.99 ng

RT: 6.99 min Scan# 918

Delta R.T. 0.08 min

Lab File: BF095993.D

Acq: 17 Jun 2017 12:32

Instrument :

BNA_F

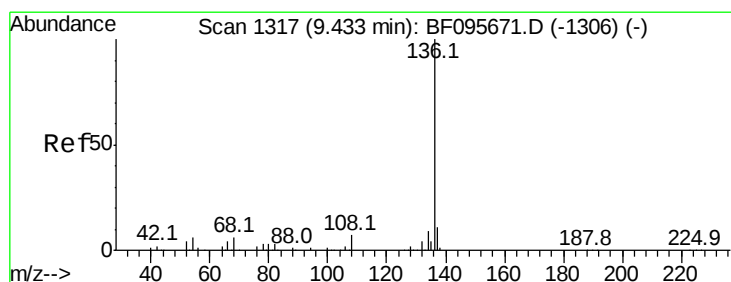
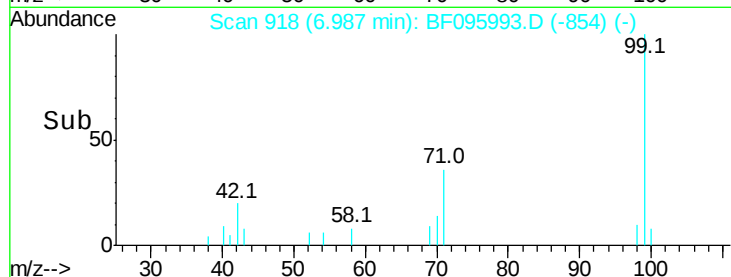
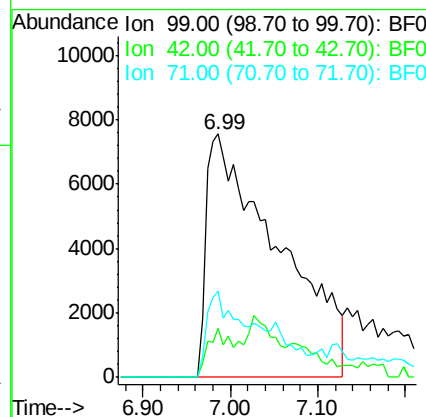
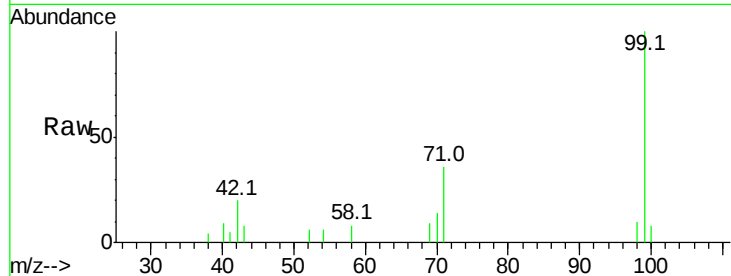
ClientSampleId :

E2-S5-NSW

Tot Ion:	99	Resp:	42790
Ion	Ratio	Lower	Upper
99	100		
42	20.0	13.5	20.3
71	35.5	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

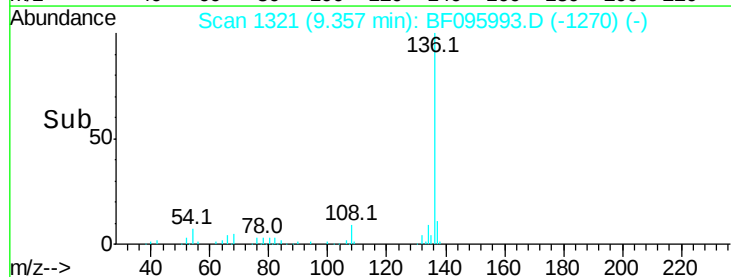
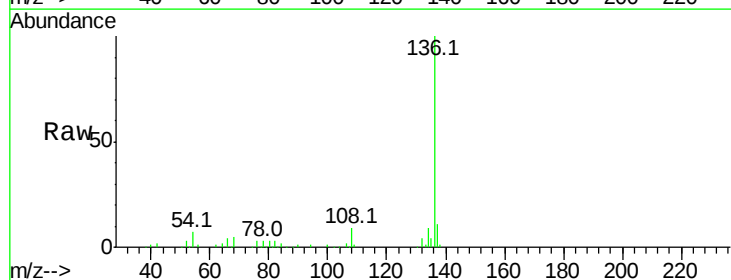
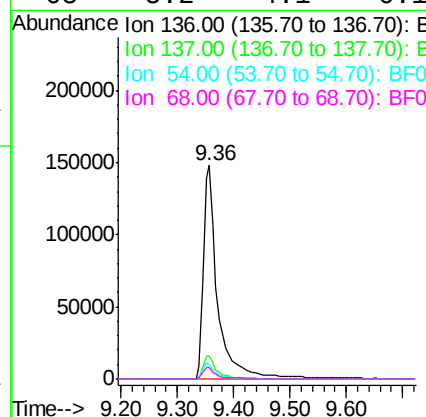
RT: 9.36 min Scan# 1321

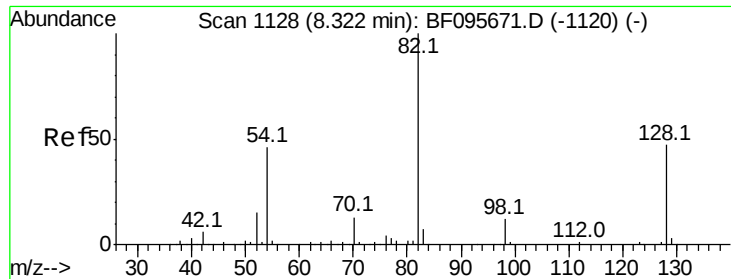
Delta R.T. 0.00 min

Lab File: BF095993.D

Acq: 17 Jun 2017 12:32

Tgt Ion:	136	Resp:	261961
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.8	4.9	7.3
68	5.2	4.1	6.1





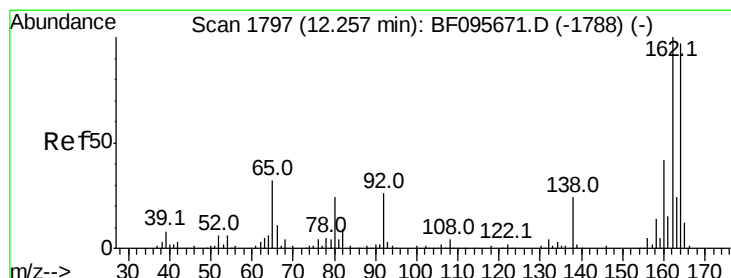
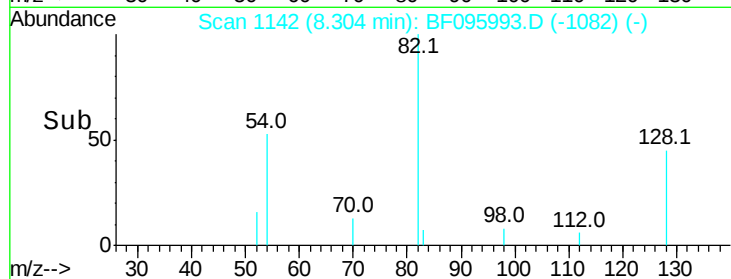
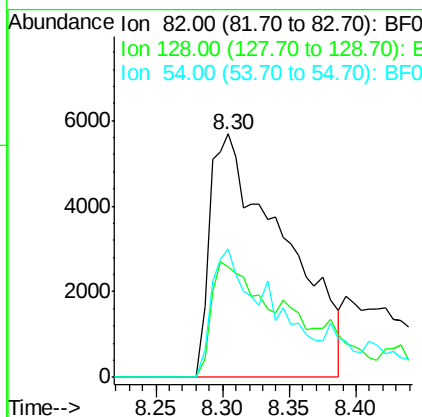
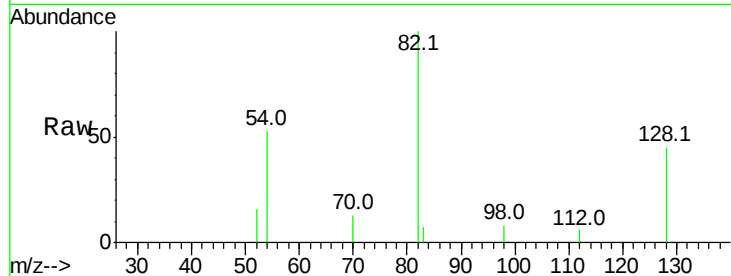
#23
 Nitrobenzene-d5
 Concen: 5.16 ng
 RT: 8.30 min Scan# 1142
 Delta R.T. 0.05 min
 Lab File: BF095993.D
 Acq: 17 Jun 2017 12:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-S5-NSW

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.2	34.0	51.0
54	52.7	42.2	63.2

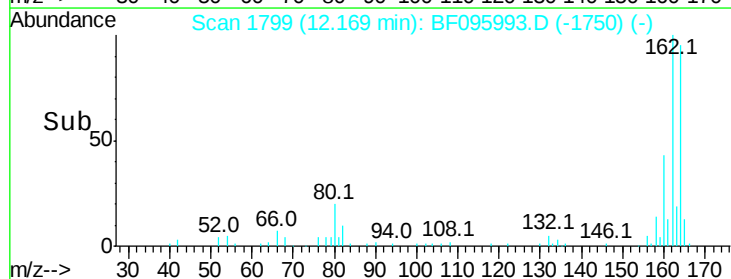
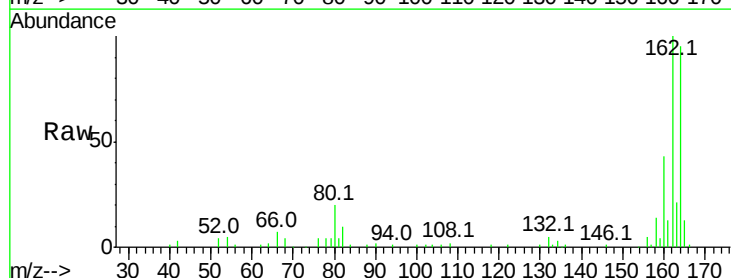
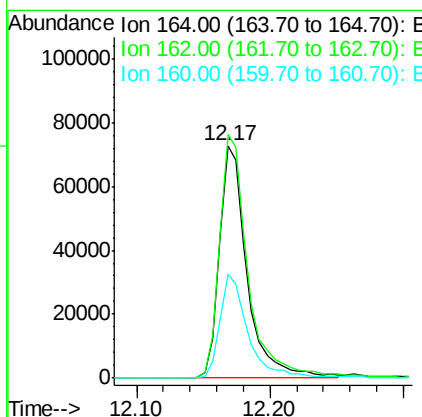
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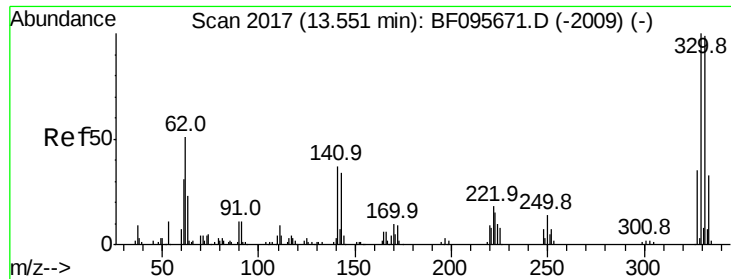
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.17 min Scan# 1799
 Delta R.T. -0.01 min
 Lab File: BF095993.D
 Acq: 17 Jun 2017 12:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.6	123.8
160	44.6	36.2	54.2





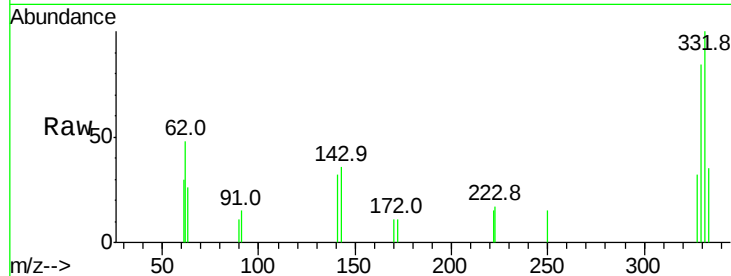
#41
 2,4,6-Tribromophenol
 Concen: 6.75 ng
 RT: 13.50 min Scan# 2026
 Delta R.T. 0.02 min
 Lab File: BF095993.D
 Acq: 17 Jun 2017 12:32

Instrument :
 BNA_F
 ClientSampleId :
 E2-S5-NSW

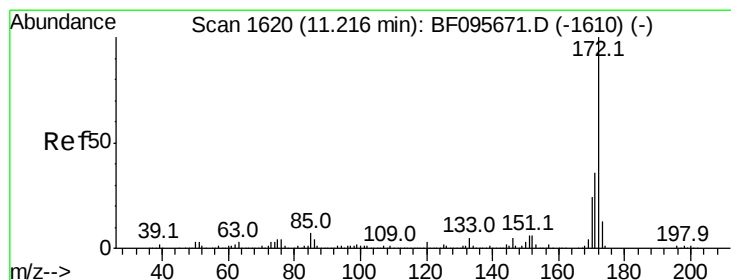
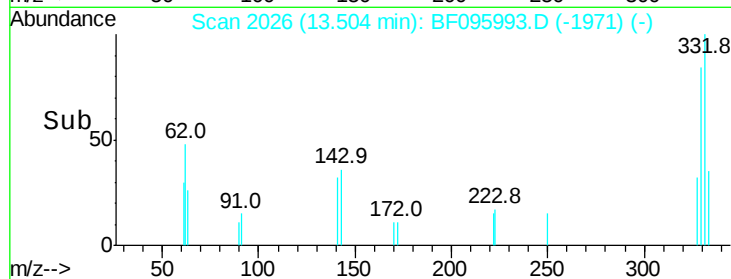
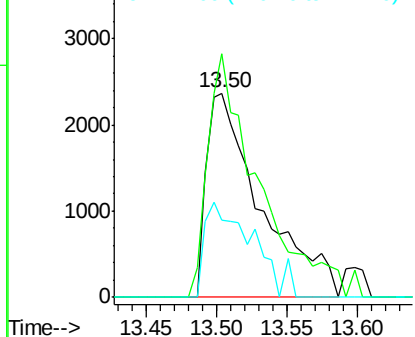
Tot Ion	Ratio	Lower	Upper
330	100		
332	112.3	76.6	115.0
141	40.9	31.4	47.2

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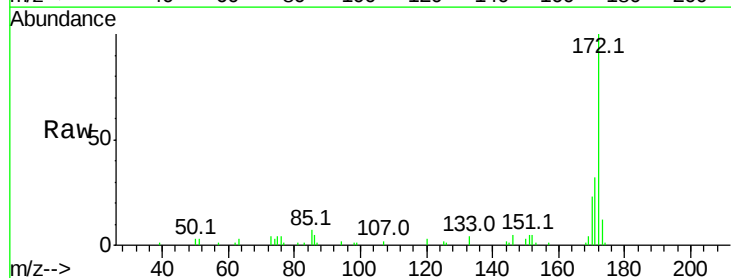


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

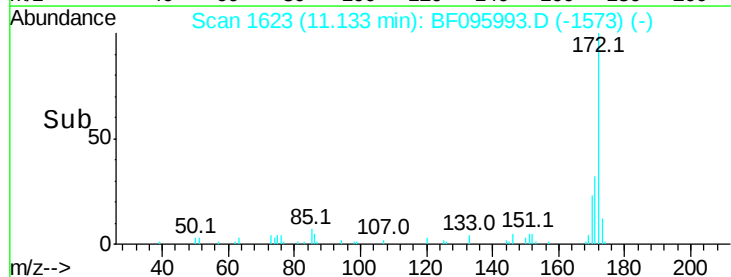
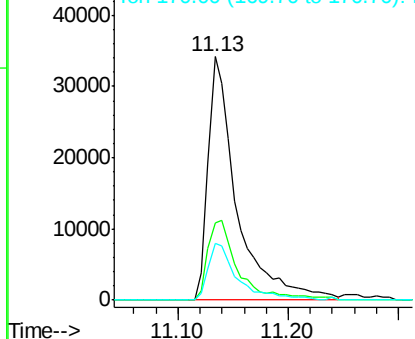


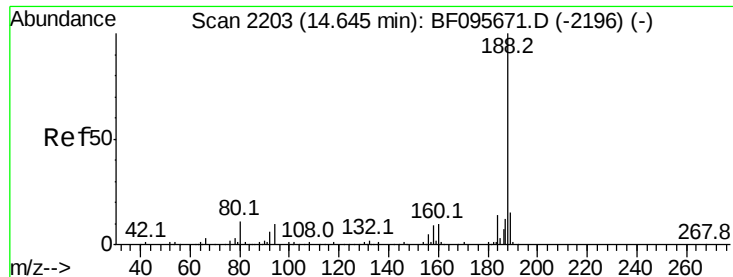
#44
 2-Fluorobiphenyl
 Concen: 7.98 ng
 RT: 11.13 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF095993.D
 Acq: 17 Jun 2017 12:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	31.5	29.6	44.4
170	23.2	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.57 min Scan# 2207

Delta R.T. 0.00 min

Lab File: BF095993.D

Acq: 17 Jun 2017 12:32

Instrument :

BNA_F

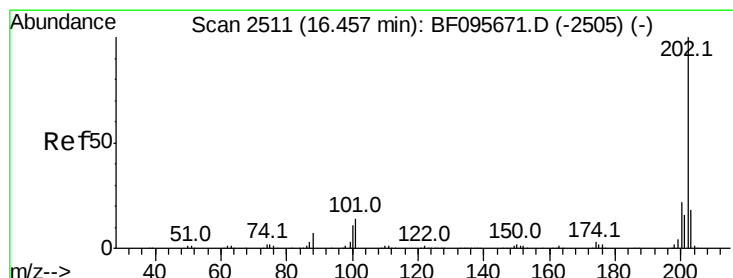
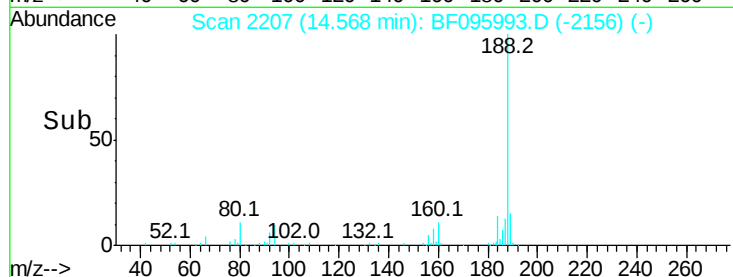
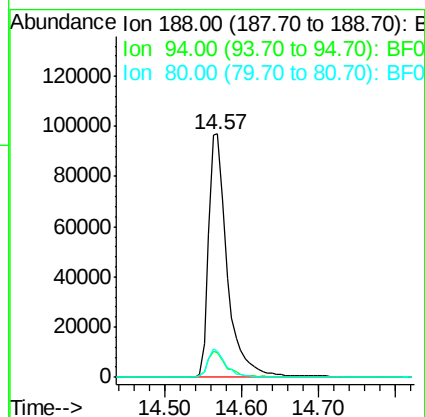
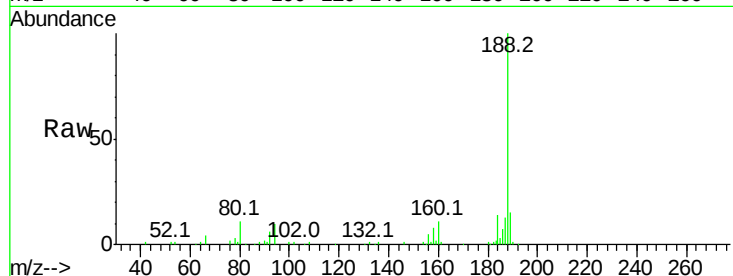
ClientSampleId :

E2-S5-NSW

Tot Ion:	188	Resp:	162760
Ion Ratio	Lower	Upper	
188	100		
94	10.3	9.4	14.2
80	10.5	10.2	15.2

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#74

Fluoranthene

Concen: 7.18 ng

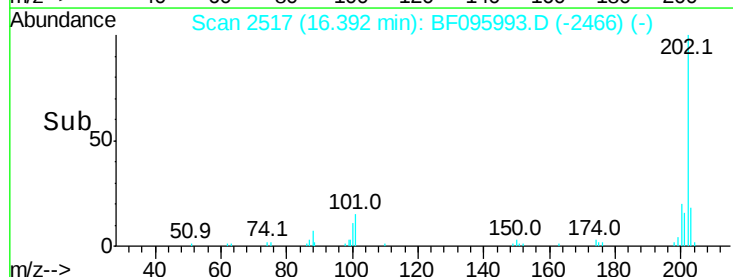
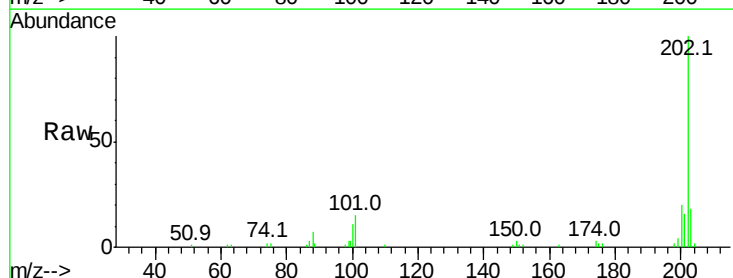
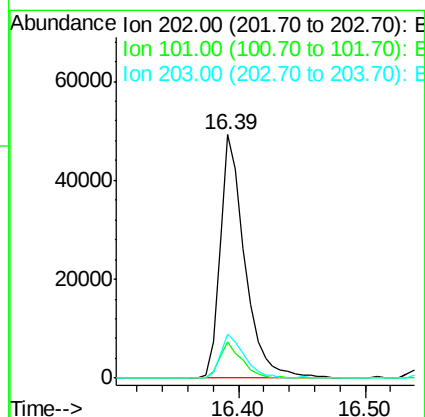
RT: 16.39 min Scan# 2517

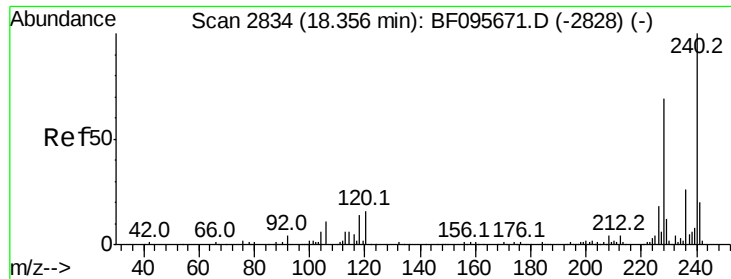
Delta R.T. 0.00 min

Lab File: BF095993.D

Acq: 17 Jun 2017 12:32

Tgt Ion:	202	Resp:	66766
Ion Ratio	Lower	Upper	
202	100		
101	14.9	0.0	33.2
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.29 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BF095993.D

Acq: 17 Jun 2017 12:32

Instrument :

BNA_F

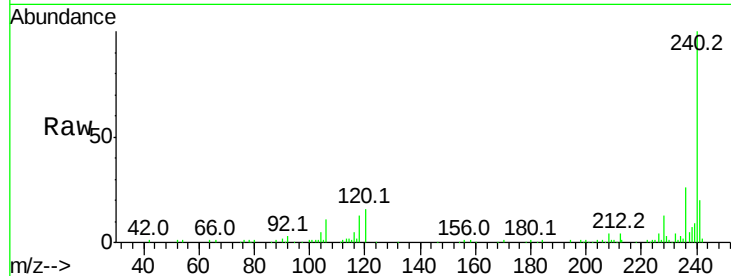
ClientSampleId :

E2-S5-NSW

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.8	8.8#
236	25.8	20.5	30.7

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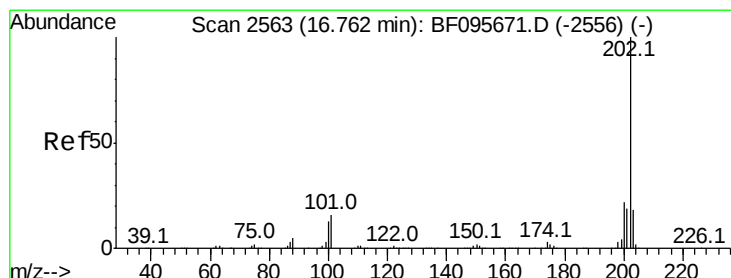
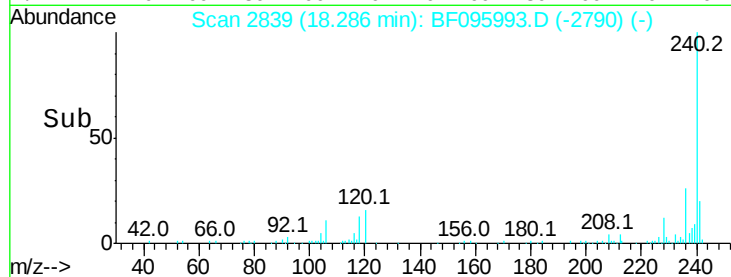
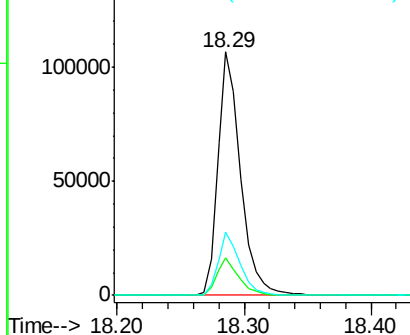
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 5.84 ng

RT: 16.70 min Scan# 2569

Delta R.T. 0.00 min

Lab File: BF095993.D

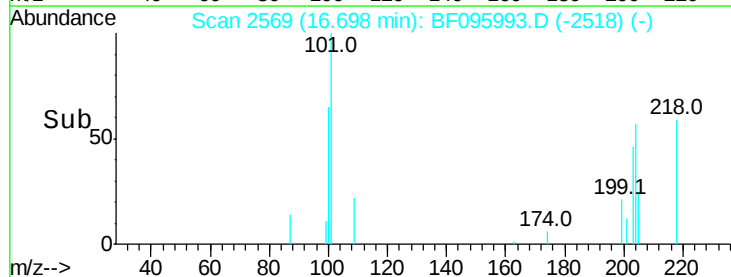
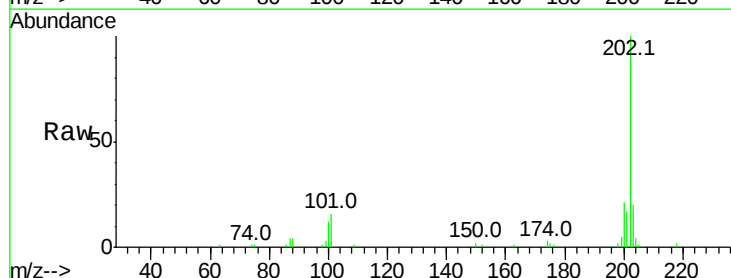
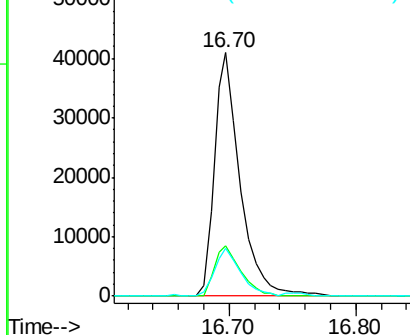
Acq: 17 Jun 2017 12:32

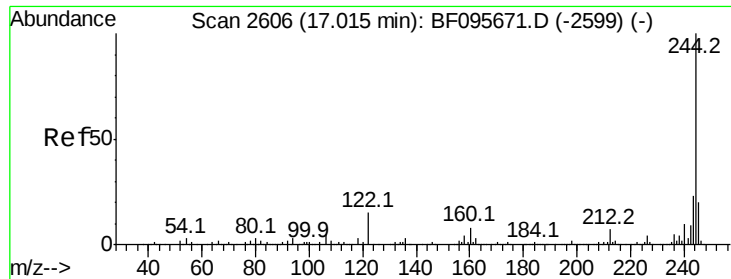
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	19.7	14.4	21.6

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: 6.99 ng

RT: 16.94 min Scan# 2610

Delta R.T. -0.01 min

Lab File: BF095993.D

Acq: 17 Jun 2017 12:32

Instrument :

BNA_F

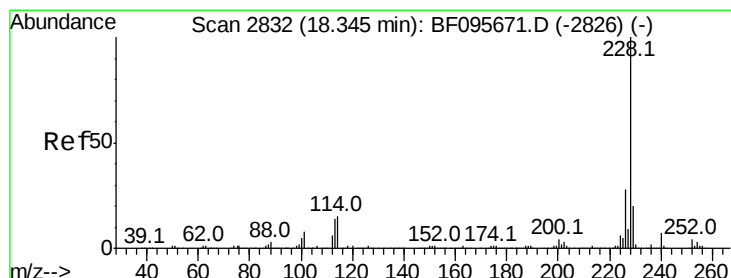
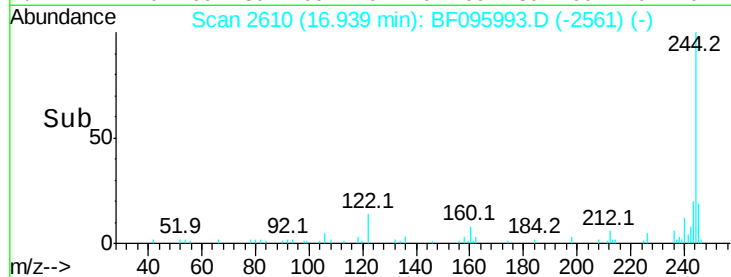
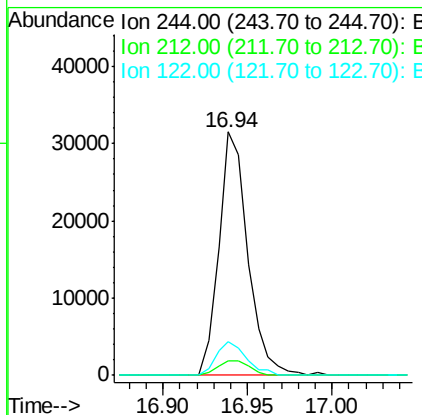
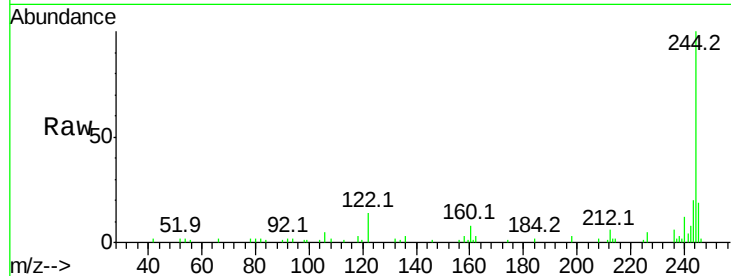
ClientSampleId :

E2-S5-NSW

Tot Ion:	244	Resp:	37533
Ion Ratio	Lower	Upper	
244	100		
212	6.1	6.0	9.0
122	14.1	10.3	15.5

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#80

Benzo(a)anthracene

Concen: 3.80 ng

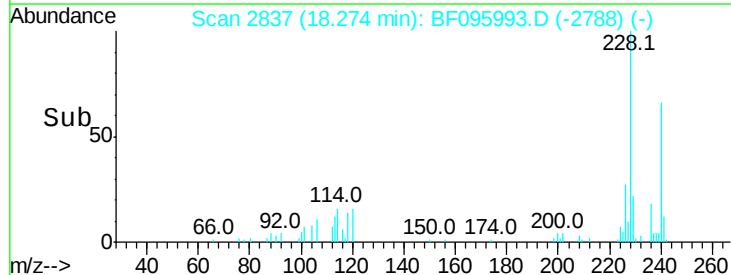
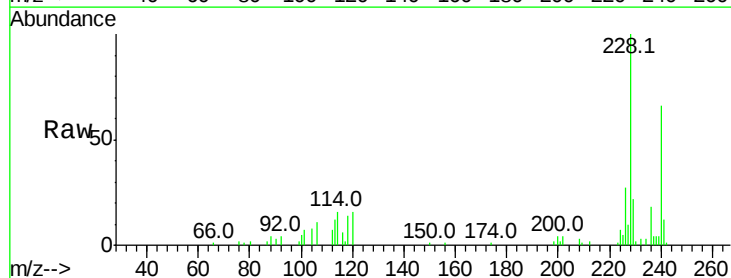
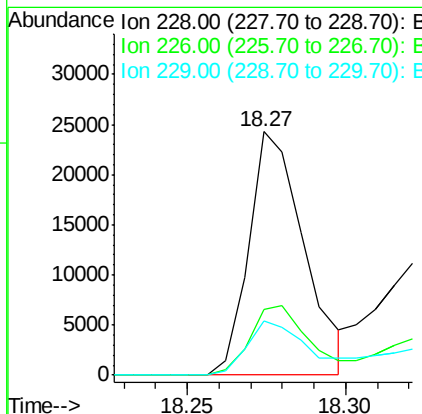
RT: 18.27 min Scan# 2837

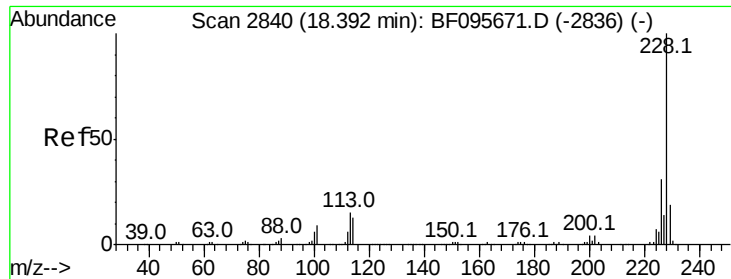
Delta R.T. -0.01 min

Lab File: BF095993.D

Acq: 17 Jun 2017 12:32

Tgt Ion:	228	Resp:	29459
Ion Ratio	Lower	Upper	
228	100		
226	26.8	22.6	33.8
229	22.3	16.3	24.5





#82

Chrysene

Concen: 3.28 ng

RT: 18.33 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BF095993.D

Acq: 17 Jun 2017 12:32

Instrument :

BNA_F

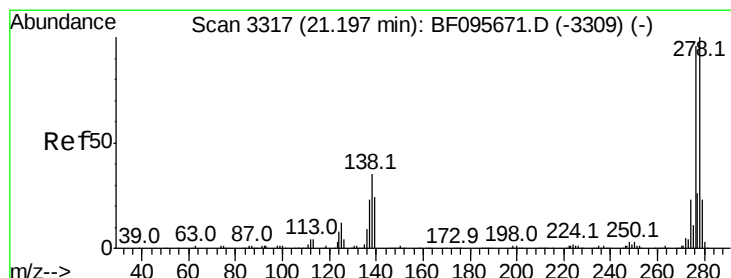
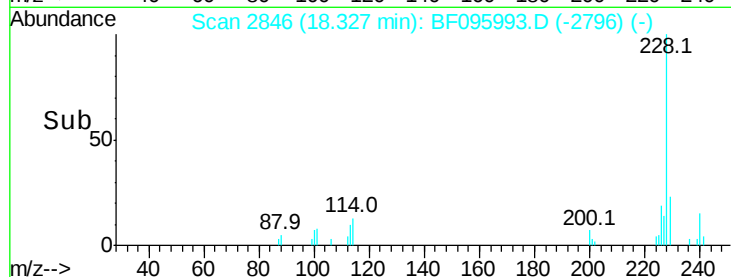
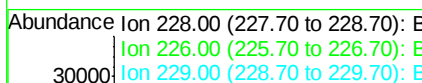
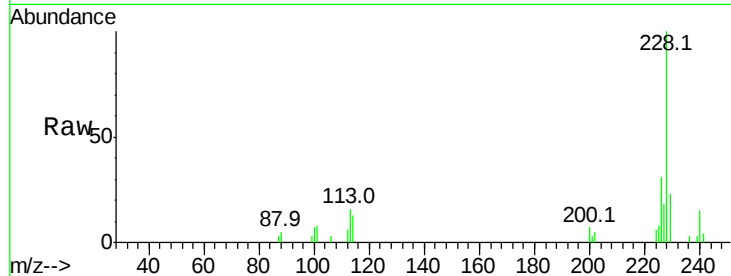
ClientSampleId :

E2-S5-NSW

Tot Ion:	228	Resp:	25432
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.9	37.3
229	22.7	15.8	23.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.11 ng

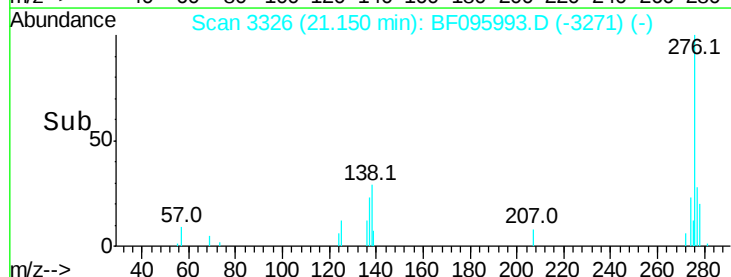
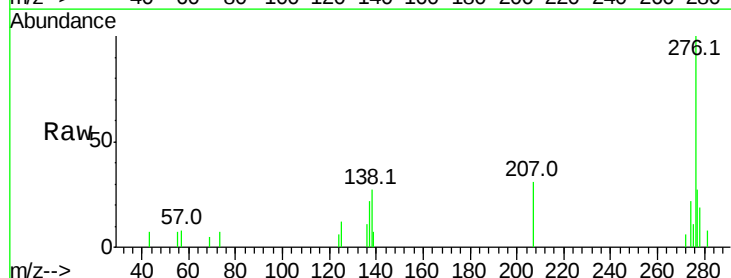
RT: 21.15 min Scan# 3326

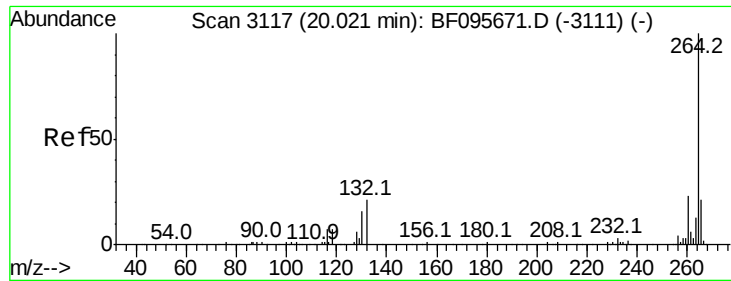
Delta R.T. 0.02 min

Lab File: BF095993.D

Acq: 17 Jun 2017 12:32

Tgt Ion:	276	Resp:	13976
Ion Ratio	Lower	Upper	
276	100		
138	28.5	27.8	41.6
277	23.6	20.2	30.4





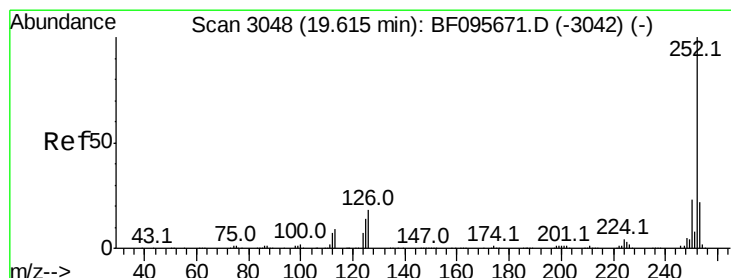
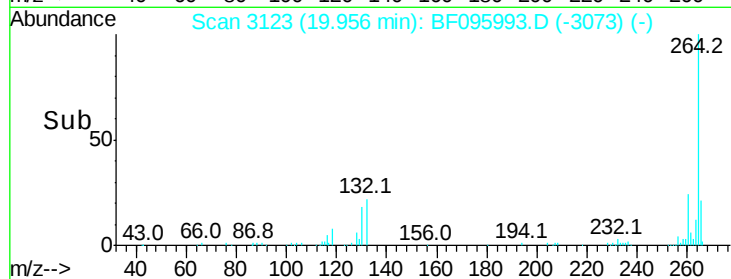
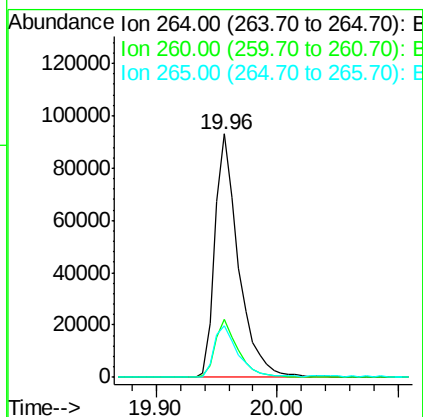
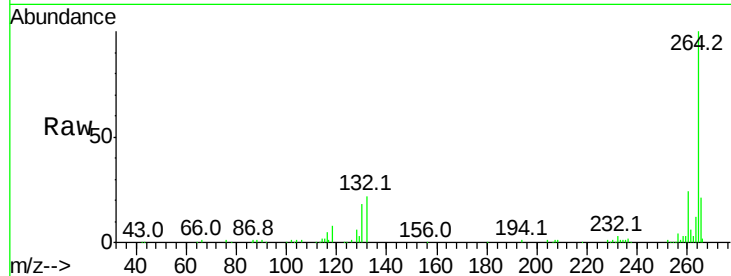
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095993.D
Acq: 17 Jun 2017 12:32

Instrument :
BNA_F
ClientSampleId :
E2-S5-NSW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.1	17.2	25.8

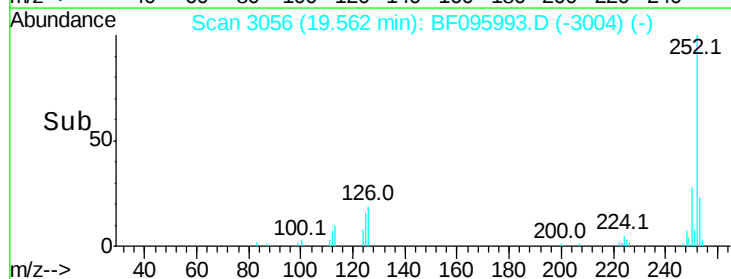
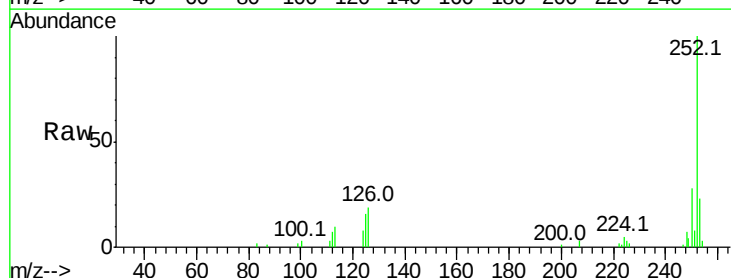
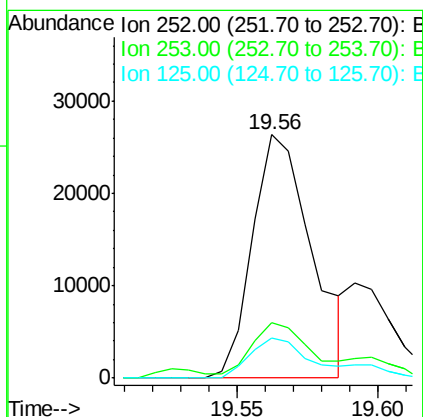
Manual Integrations
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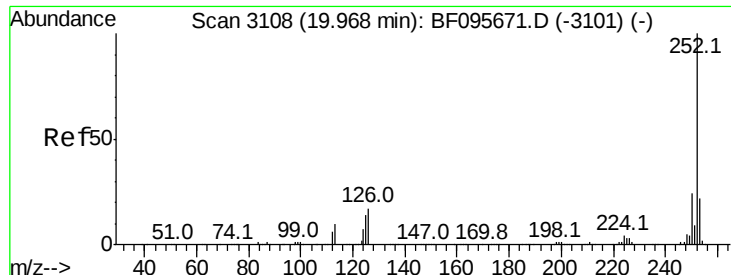
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#87
Benzo(b)fluoranthene
Concen: 4.92 ng
RT: 19.56 min Scan# 3056
Delta R.T. 0.01 min
Lab File: BF095993.D
Acq: 17 Jun 2017 12:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	16.3	9.8	14.8





#89

Benzo(a)pyrene

Concen: 3.85 ng

RT: 19.91 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BF095993.D

Acq: 17 Jun 2017 12:32

Instrument :

BNA_F

ClientSampleId :

E2-S5-NSW

Tot Ion:	252	Resp:	27623
Ion Ratio		Lower	Upper
252	100		
253	23.6	17.5	26.3
125	16.3	11.0	16.4

Manual Integrations
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