

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
 Data File : BF095949.D
 Acq On : 15 Jun 2017 8:24
 Operator : SJ/MA
 Sample : I3663-01DL 2X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ONSITE-001-ADL

Manual Integrations
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Quant Time: Jun 15 09:17:19 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	7.33	152	63559	20.00	ng	-0.06
21) Naphthalene-d8	9.36	136	252767	20.00	ng	-0.07
38) Acenaphthene-d10	12.19	164	99794	20.00	ng	-0.07
63) Phenanthrene-d10	14.58	188	151410	20.00	ng	-0.06
75) Chrysene-d12	18.30	240	125785	20.00	ng	-0.05
86) Perylene-d12	19.97	264	88251	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	73267	18.37	ng	-0.02
7) Phenol-d6	6.92	99	248783	52.10	ng	-0.04
23) Nitrobenzene-d5	8.25	82	150239	36.91	ng	-0.07
41) 2,4,6-Tribromophenol	13.51	330	1639	1.86	ng	-0.04
44) 2-Fluorobiphenyl	11.14	172	292452	40.78	ng	-0.08
78) Terphenyl-d14	16.96	244	193131	38.10	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	11.84	163	33401	4.41	ng	99
51) Acenaphthene	12.24	154	18077	2.85	ng	99
57) Fluorene	13.08	166	18696	2.41	ng	95
70) Phenanthrene	14.62	178	298573	34.18	ng	99
71) Anthracene	14.70	178	84770	9.29	ng	95
72) Carbazole	15.02	167	46178	5.20	ng	95
74) Fluoranthene	16.40	202	502820	58.15	ng	99
77) Pyrene	16.70	202	395245	42.11	ng	96
80) Benzo(a)anthracene	18.29	228	186321	25.48	ng	97
82) Chrysene	18.34	228	167964	22.98	ng	98
83) Bis(2-ethylhexyl)phthalate	18.37	149	131713	22.78	ng	# 98
85) Indeno(1,2,3-cd)pyrene	21.15	276	56756	9.08	ng	91
87) Benzo(b)fluoranthene	19.57	252	167193m	30.26	ng	
88) Benzo(k)fluoranthene	19.60	252	46588m	8.82	ng	
89) Benzo(a)pyrene	19.92	252	102790	20.24	ng	98
90) Dibenzo(a,h)anthracene	21.14	278	20796	4.83	ng	# 89
91) Benzo(a,h,i)perylene	21.48	276	51976	11.83	ng	96

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

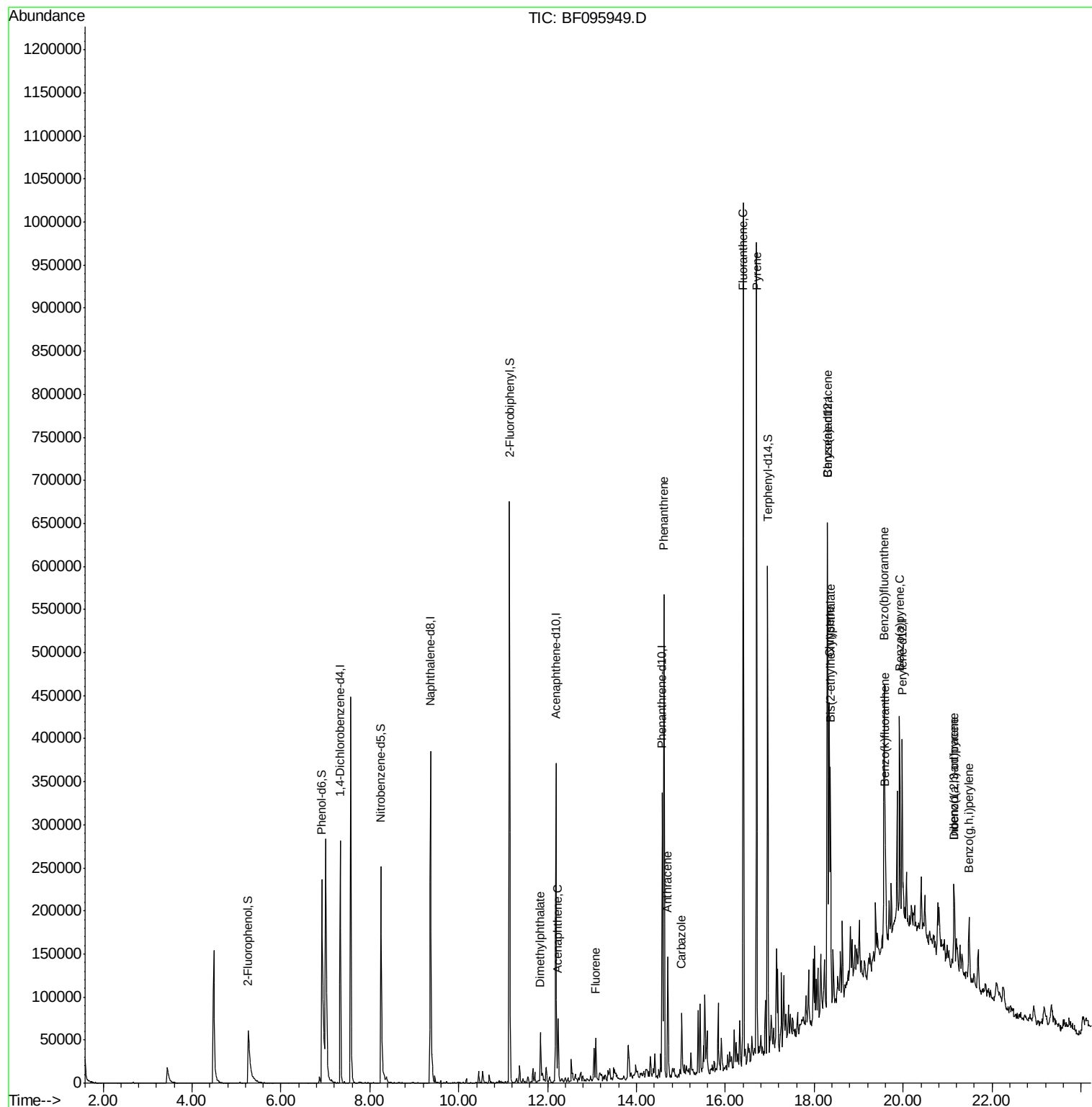
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
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ALS Vial : 25 Sample Multiplier: 1

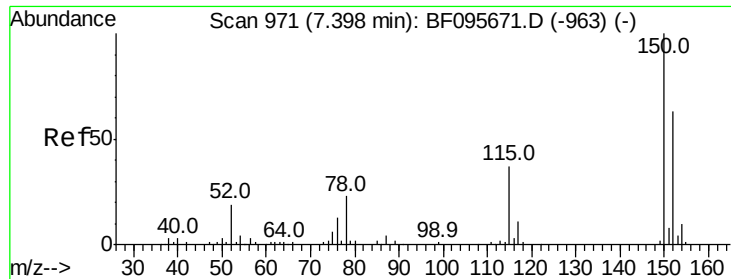
Instrument :
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#1

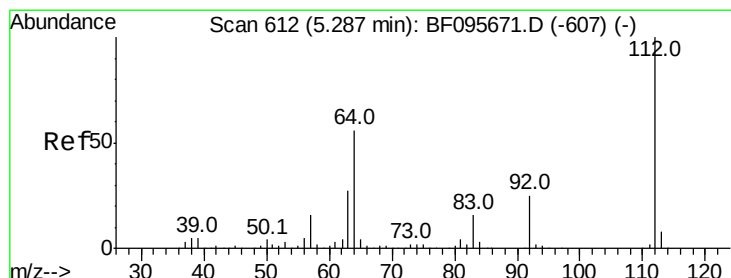
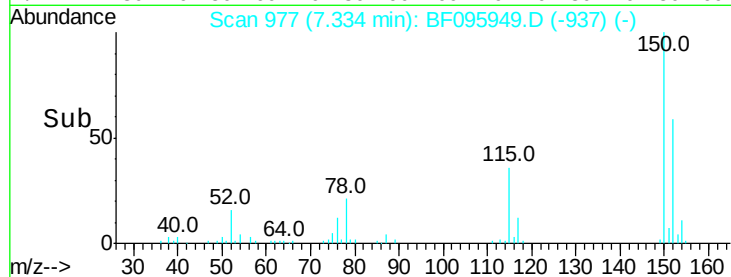
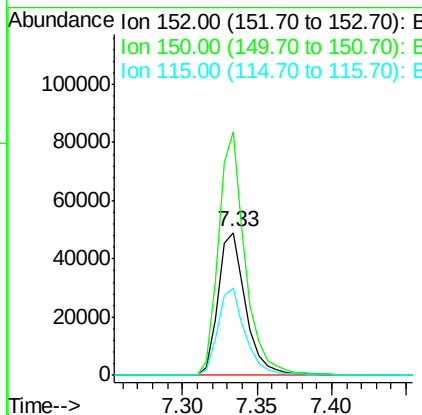
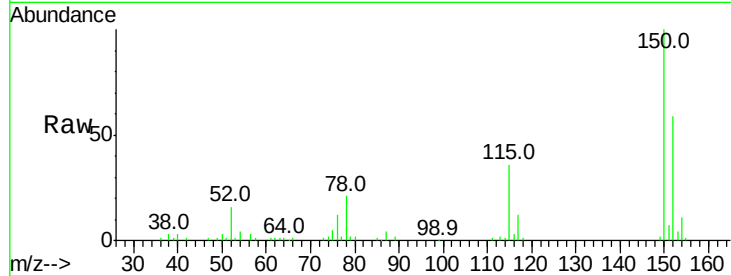
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 977
Delta R.T. -0.06 min
Lab File: BF095949.D
Acq: 15 Jun 2017 8:24

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-ADL

Tot Ion	Ratio	Lower	Upper
152	100		
150	170.8	126.2	189.2
115	61.8	52.2	78.2

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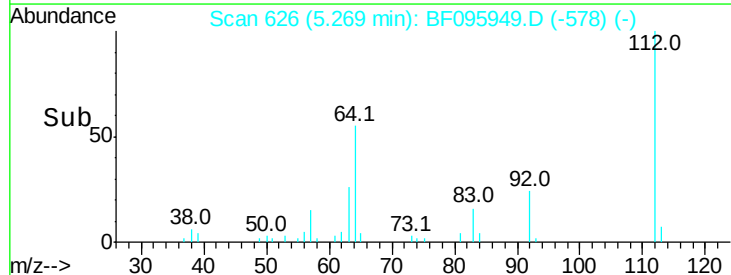
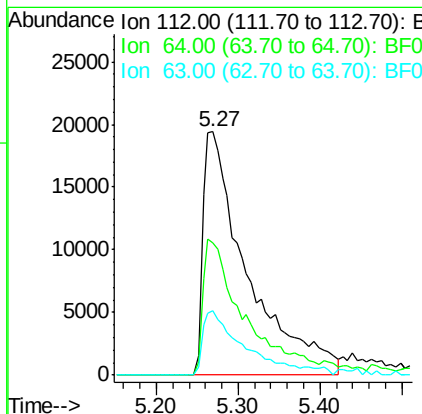
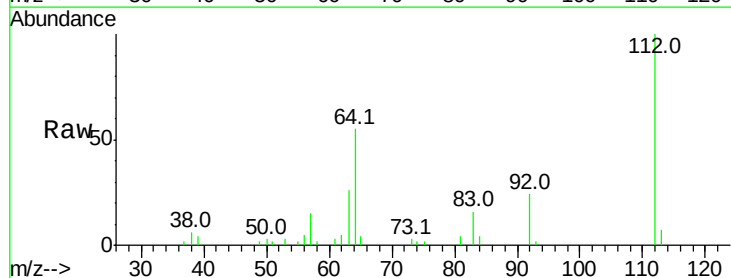
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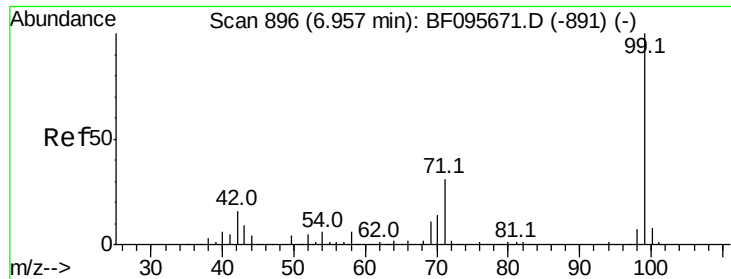


#5

2-Fluorophenol
Concen: 18.37 ng
RT: 5.27 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF095949.D
Acq: 15 Jun 2017 8:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.0	69.0
63	26.3	23.4	35.0





#7

Phenol-d6

Concen: 52.10 ng

RT: 6.92 min Scan# 906

Delta R.T. -0.04 min

Lab File: BF095949.D

Acq: 15 Jun 2017 8:24

Instrument :

BNA_F

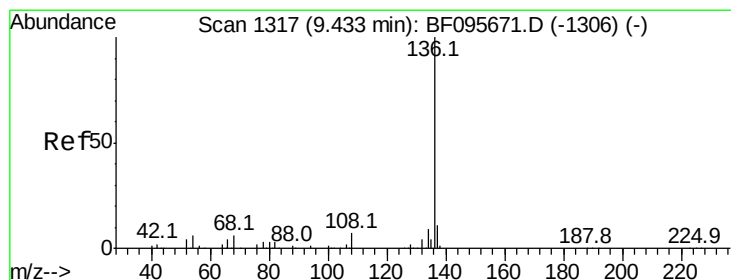
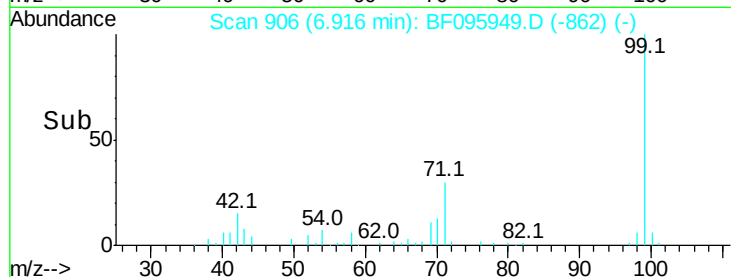
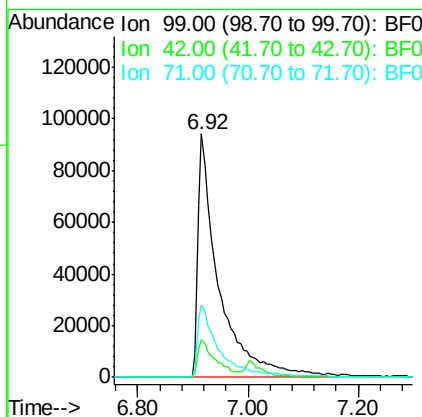
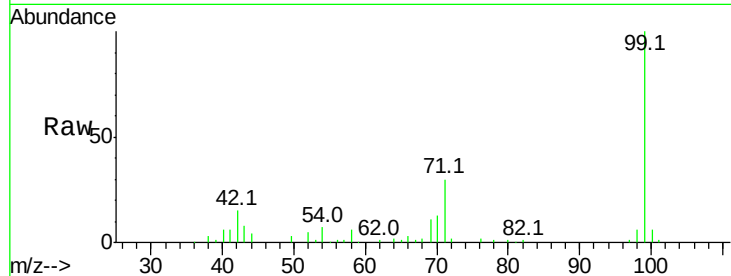
ClientSampleId :

ONSITE-001-ADL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		248783		
42	15.5	13.5	20.3		
71	29.8	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

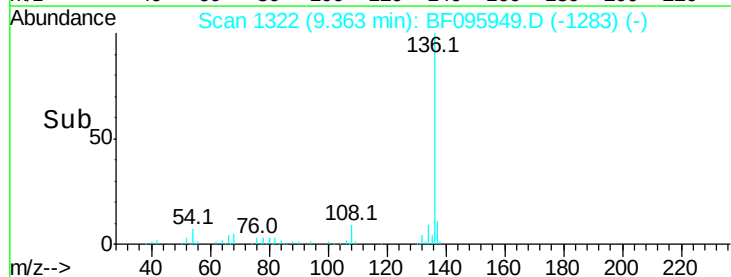
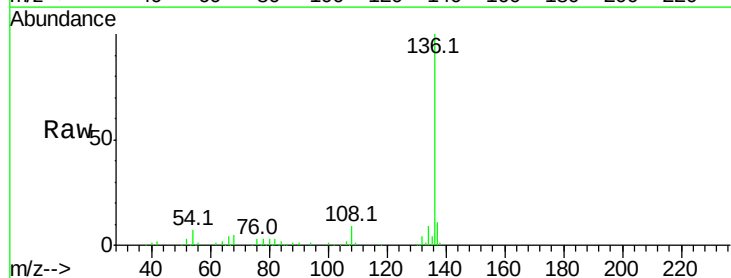
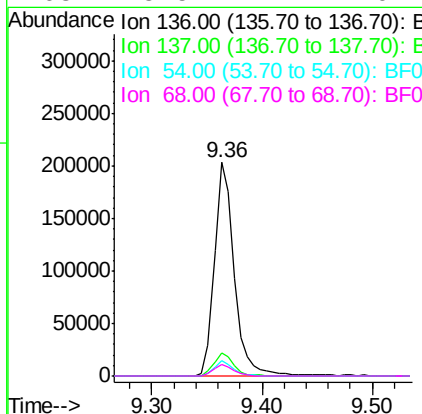
RT: 9.36 min Scan# 1322

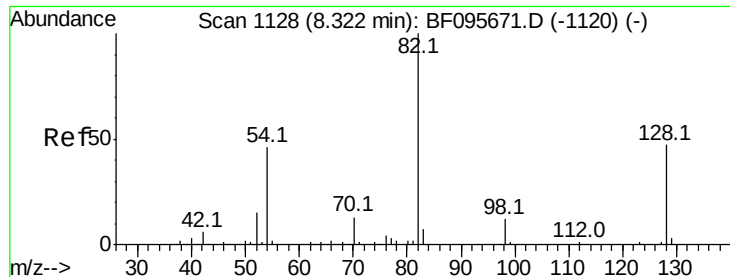
Delta R.T. -0.07 min

Lab File: BF095949.D

Acq: 15 Jun 2017 8:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		252767		
137	11.1	8.5	12.7		
54	7.3	4.9	7.3		
68	5.5	4.1	6.1		





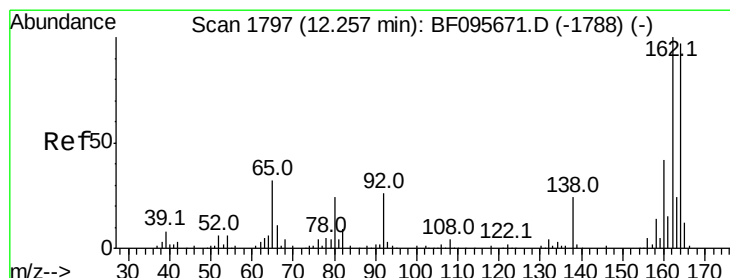
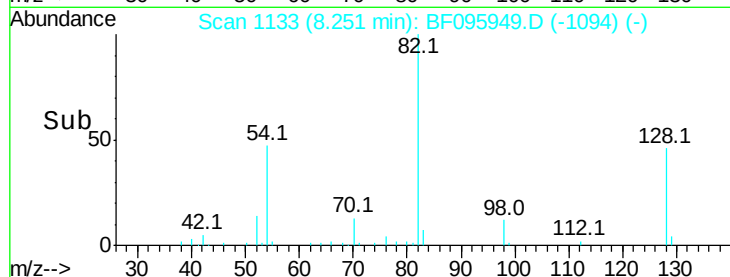
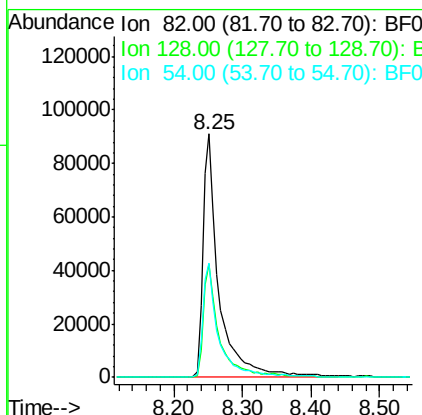
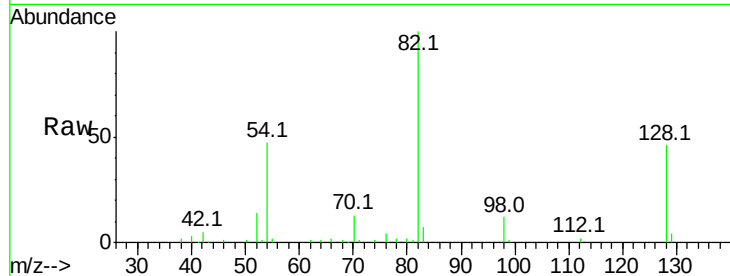
#23
Nitrobenzene-d5
Concen: 36.91 ng
RT: 8.25 min Scan# 1133
Delta R.T. -0.07 min
Lab File: BF095949.D
Acq: 15 Jun 2017 8:24

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-ADL

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	46.8	42.2	63.2

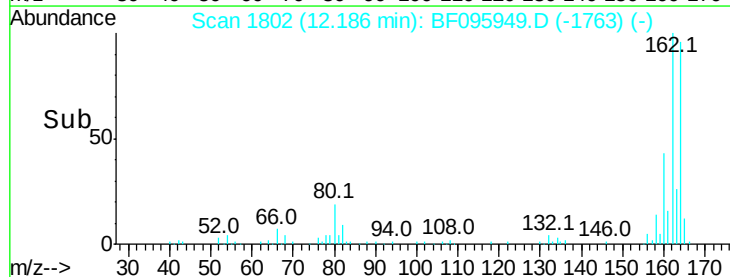
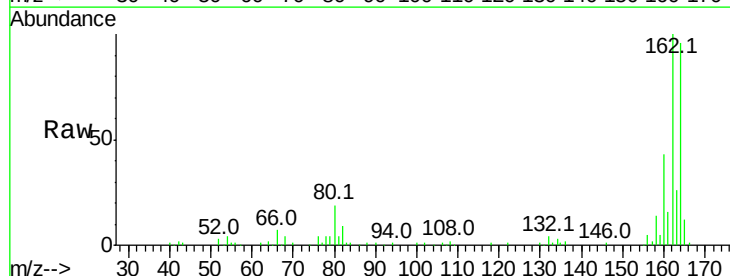
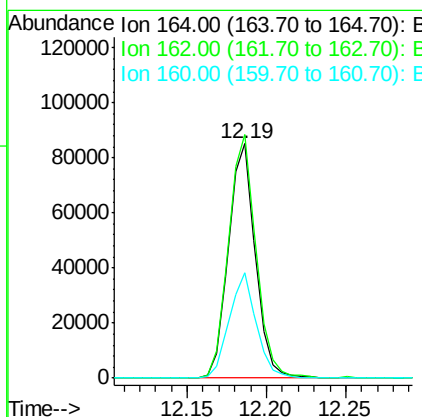
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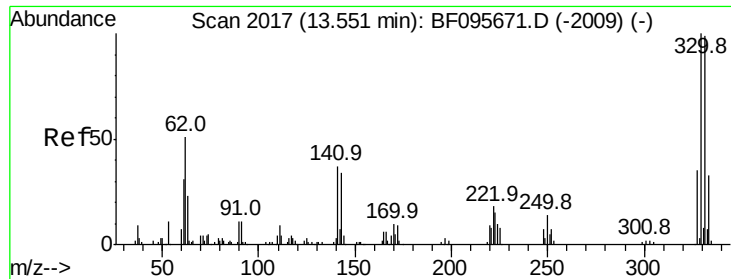
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.19 min Scan# 1802
Delta R.T. -0.07 min
Lab File: BF095949.D
Acq: 15 Jun 2017 8:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.6	123.8
160	45.1	36.2	54.2





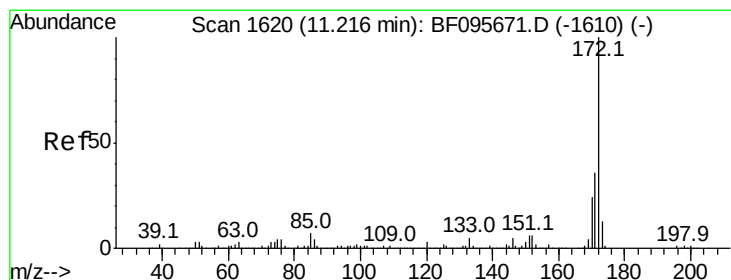
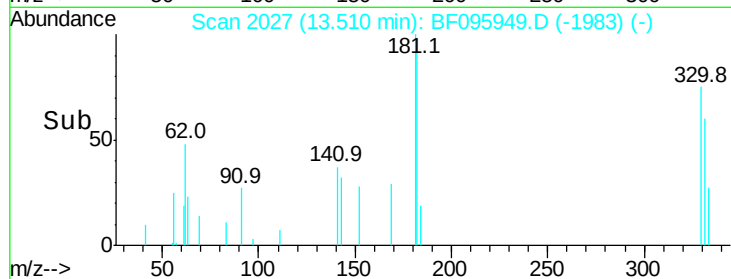
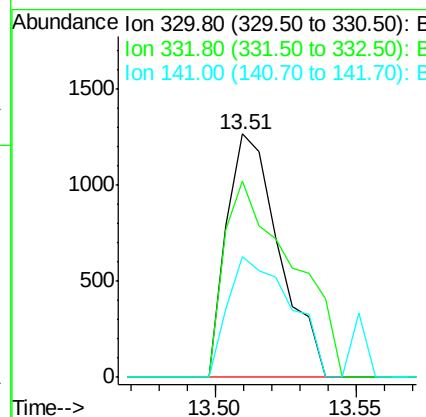
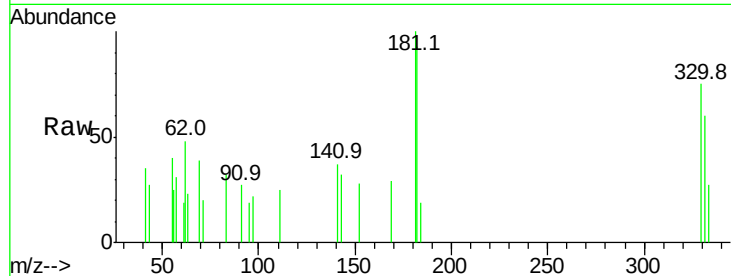
#41
2,4,6-Tribromophenol
Concen: 1.86 ng
RT: 13.51 min Scan# 2027
Delta R.T. -0.04 min
Lab File: BF095949.D
Acq: 15 Jun 2017 8:24

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-ADL

Tot Ion	Ratio	Lower	Upper
330	100		
332	103.7	76.6	115.0
141	58.9	31.4	47.2

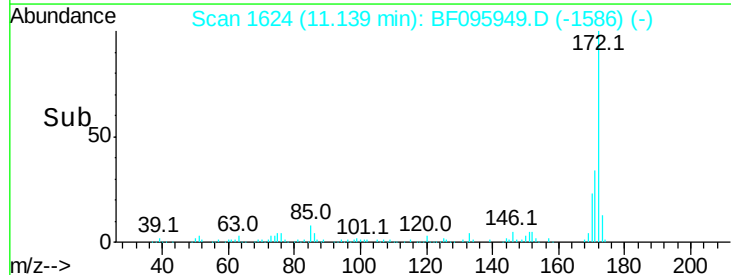
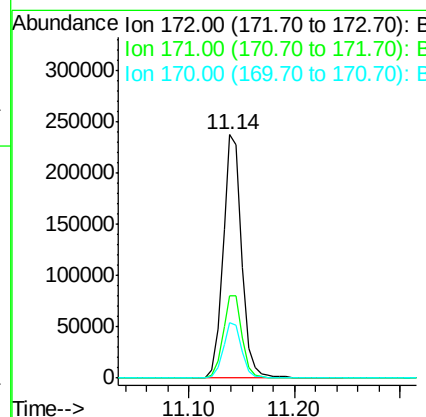
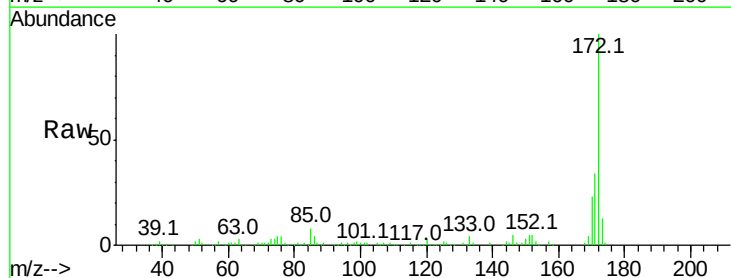
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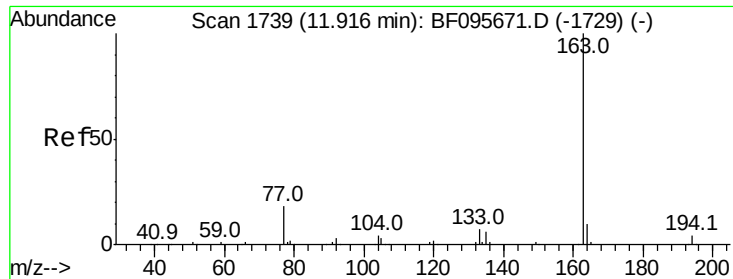
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#44
2-Fluorobiphenyl
Concen: 40.78 ng
RT: 11.14 min Scan# 1624
Delta R.T. -0.08 min
Lab File: BF095949.D
Acq: 15 Jun 2017 8:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.6	44.4
170	23.0	19.8	29.8





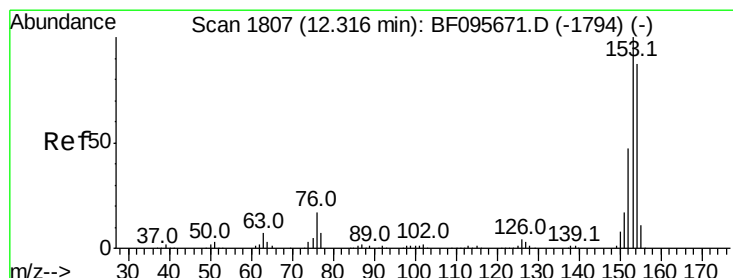
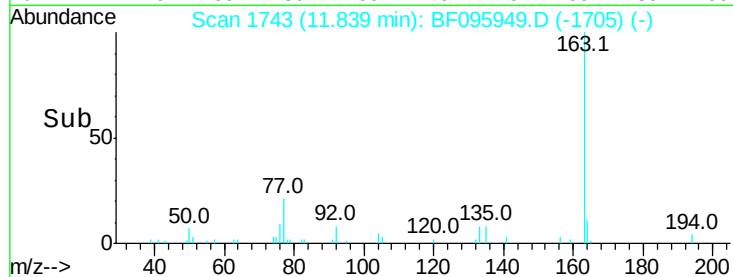
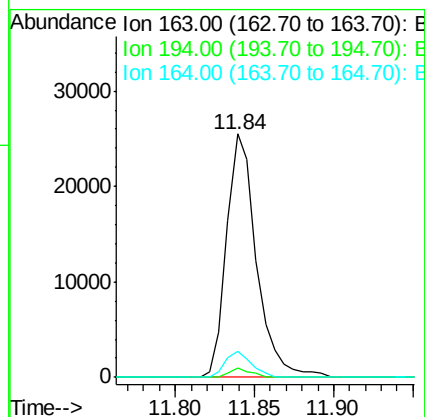
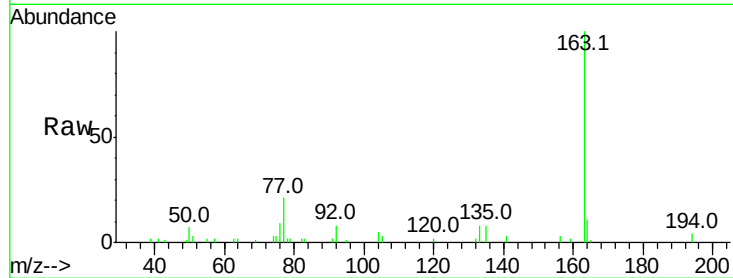
#49
Dimethylphthalate
Concen: 4.41 ng
RT: 11.84 min Scan# 1743
Delta R.T. -0.08 min
Lab File: BF095949.D
Acq: 15 Jun 2017 8:24

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-ADL

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	10.9	8.4	12.6

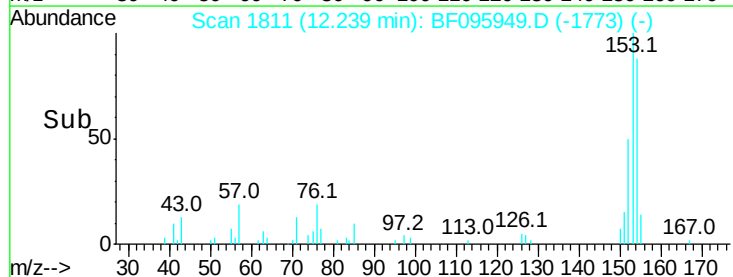
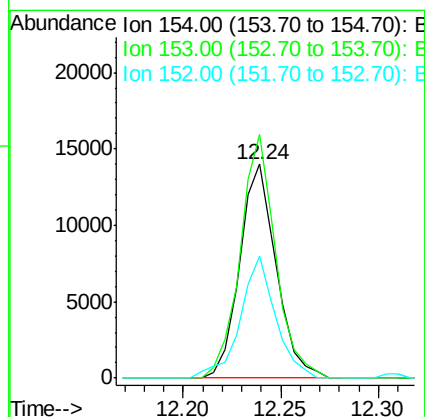
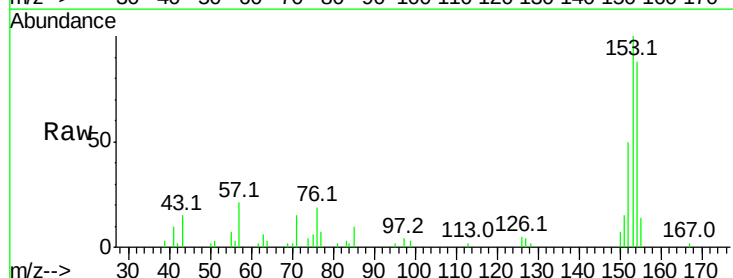
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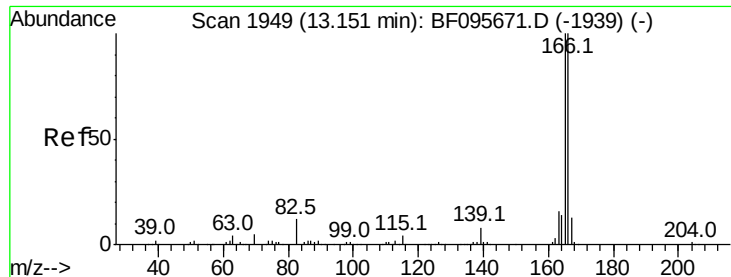
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#51
Acenaphthene
Concen: 2.85 ng
RT: 12.24 min Scan# 1811
Delta R.T. -0.08 min
Lab File: BF095949.D
Acq: 15 Jun 2017 8:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	90.5	135.7
152	56.9	43.6	65.4





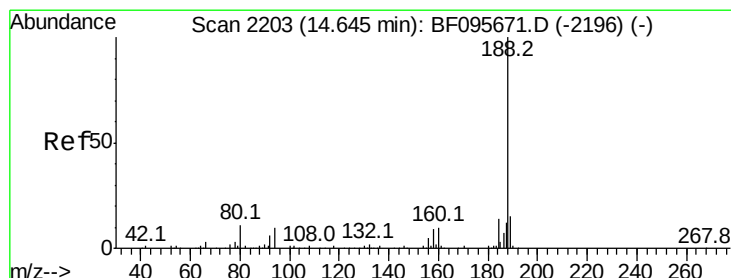
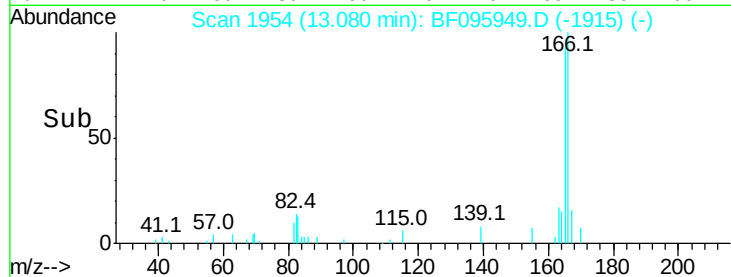
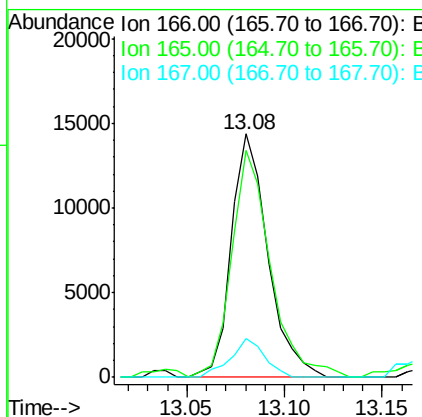
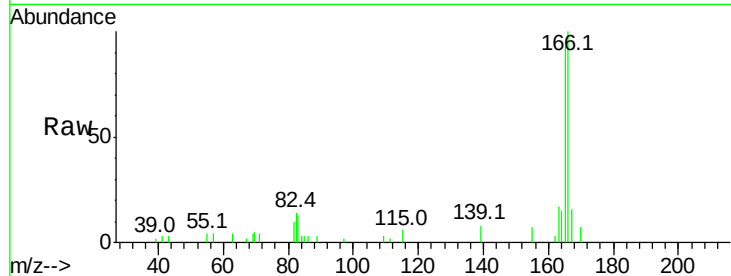
#57
 Fluorene
 Concen: 2.41 ng
 RT: 13.08 min Scan# 1954
 Delta R.T. -0.07 min
 Lab File: BF095949.D
 Acq: 15 Jun 2017 8:24

Instrument :
 BNA_F
 ClientSampleId :
 ONSITE-001-ADL

Tot Ion	Ratio	Lower	Upper
166	100		
165	93.4	78.8	118.2
167	15.8	10.6	16.0

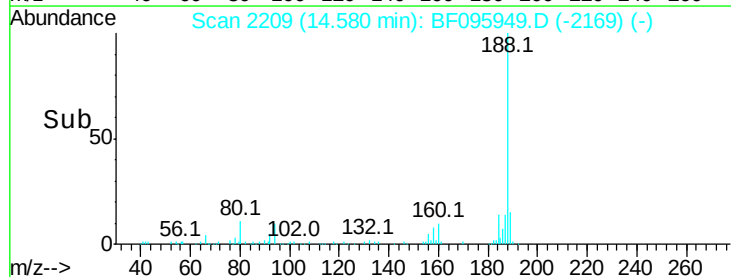
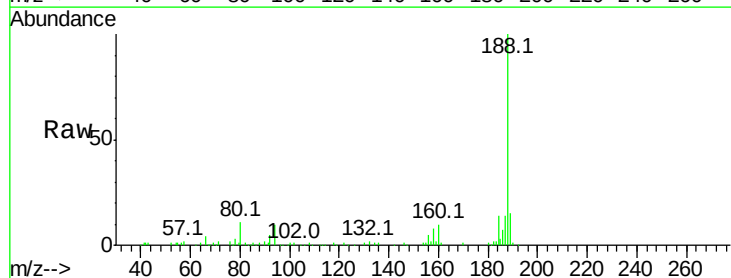
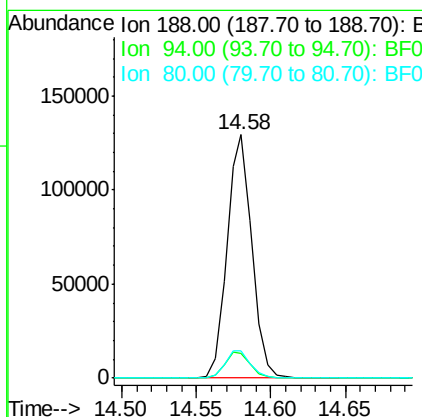
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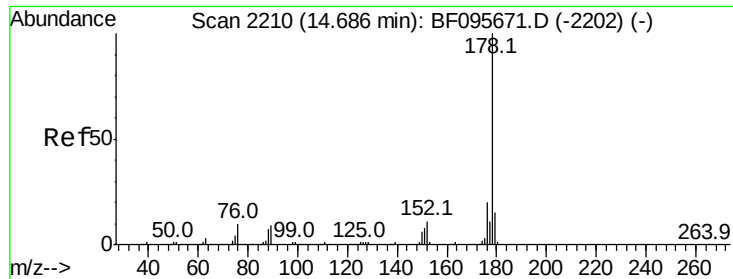
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.58 min Scan# 2209
 Delta R.T. -0.06 min
 Lab File: BF095949.D
 Acq: 15 Jun 2017 8:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	9.4	14.2
80	11.2	10.2	15.2





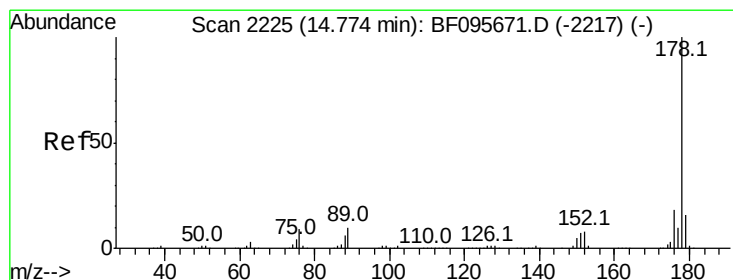
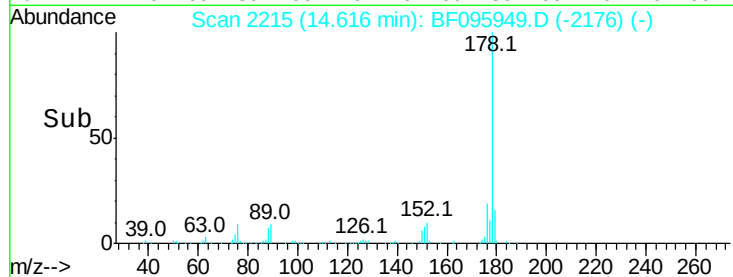
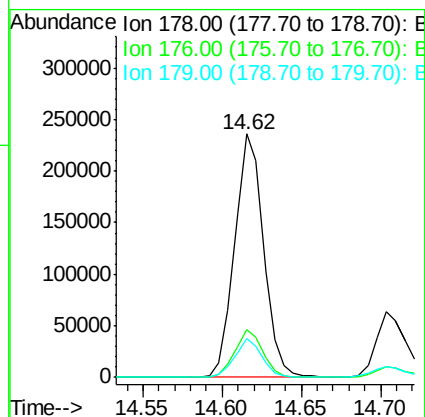
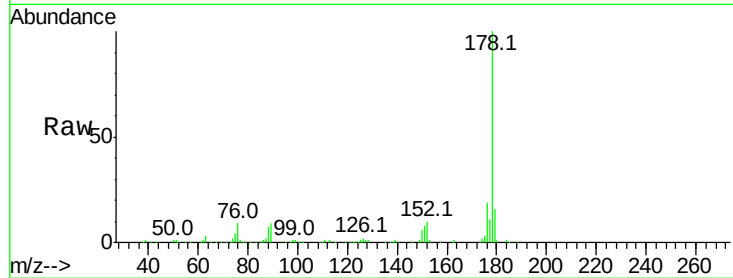
#70
Phenanthrene
Concen: 34.18 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.07 min
Lab File: BF095949.D
Acq: 15 Jun 2017 8:24

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-ADL

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.2	24.4
179	15.7	12.6	19.0

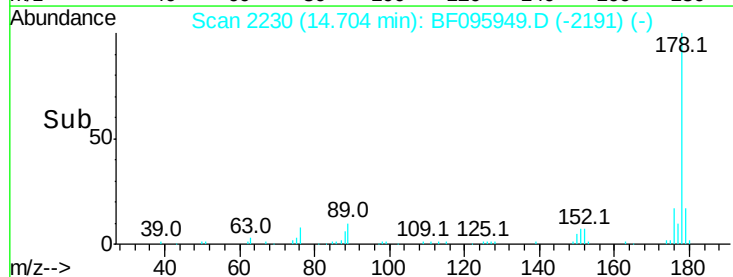
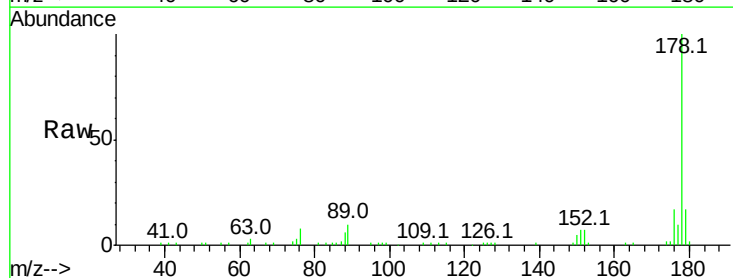
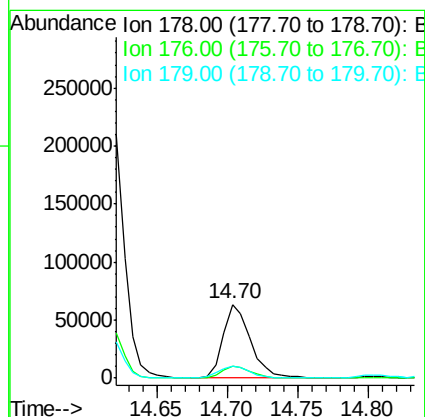
Manual Integrations
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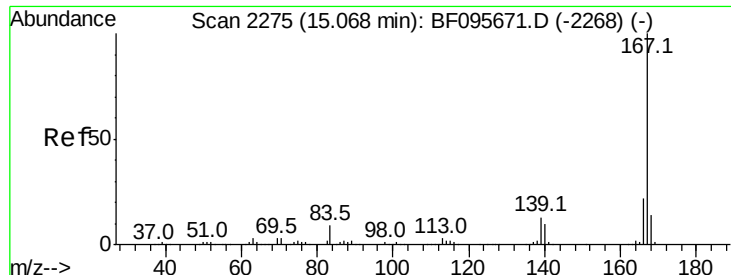
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#71
Anthracene
Concen: 9.29 ng
RT: 14.70 min Scan# 2230
Delta R.T. -0.07 min
Lab File: BF095949.D
Acq: 15 Jun 2017 8:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.9	15.8	23.8
179	17.0	12.7	19.1





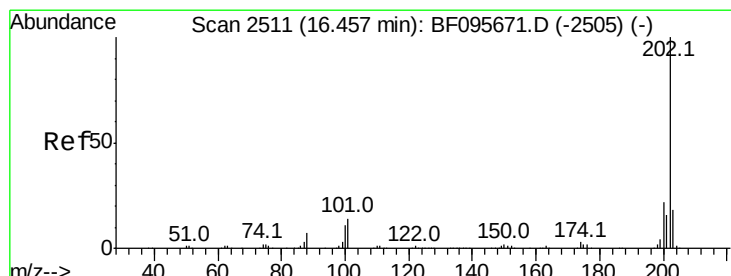
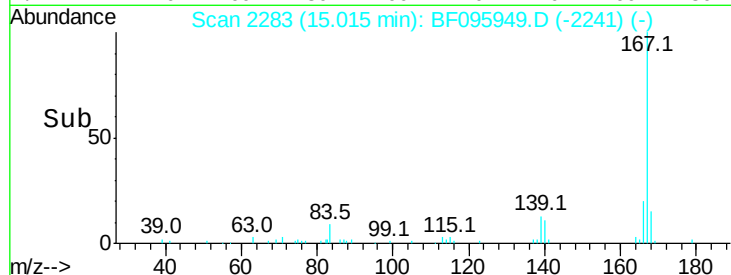
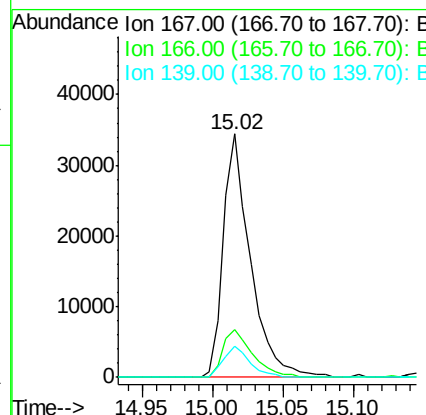
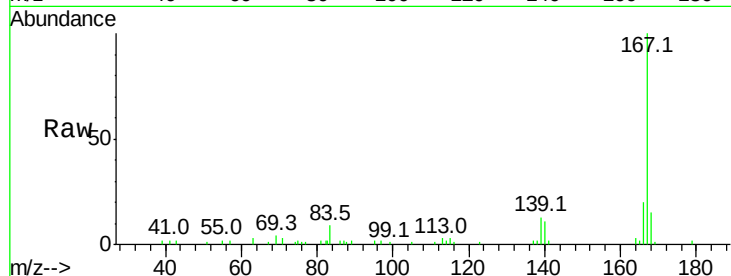
#72
Carbazole
 Concen: 5.20 ng
 RT: 15.02 min Scan# 2283
 Delta R.T. -0.05 min
 Lab File: BF095949.D
 Acq: 15 Jun 2017 8:24

Instrument :
 BNA_F
 ClientSampleId :
 ONSITE-001-ADL

Tot Ion	Ratio	Resp	Lower	Upper
167	100	46178		
166	19.7		18.1	27.1
139	13.0		11.7	17.5

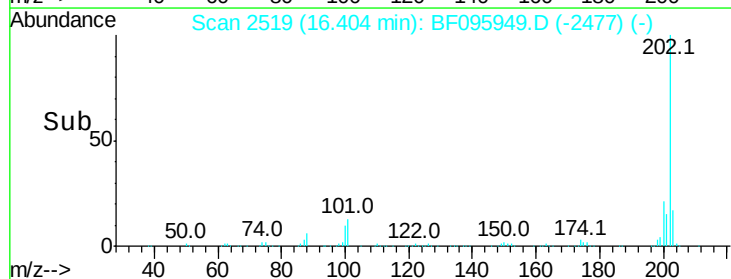
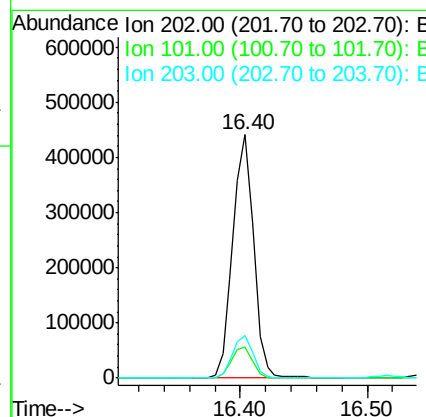
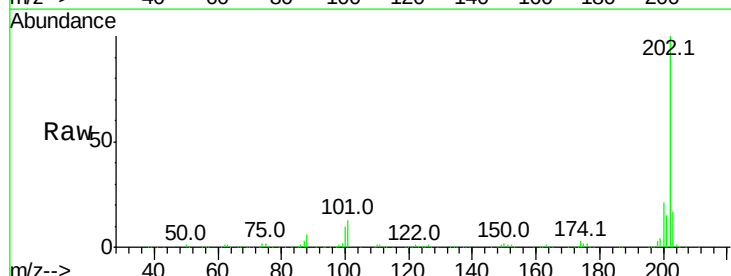
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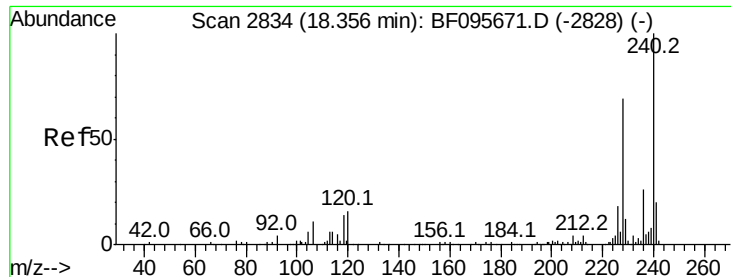
mohammad
 6/15/2017 3:56:06 PM



#74
Fluoranthene
 Concen: 58.15 ng
 RT: 16.40 min Scan# 2519
 Delta R.T. -0.05 min
 Lab File: BF095949.D
 Acq: 15 Jun 2017 8:24

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	502820		
101	12.9		0.0	33.2
203	17.3		0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.30 min Scan# 2842

Delta R.T. -0.05 min

Lab File: BF095949.D

Acq: 15 Jun 2017 8:24

Instrument :

BNA_F

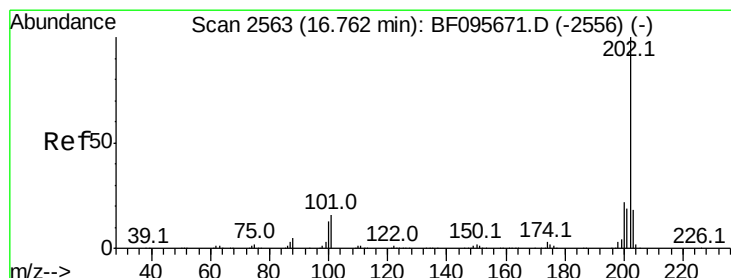
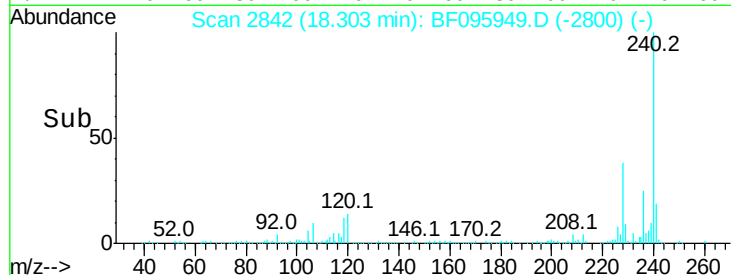
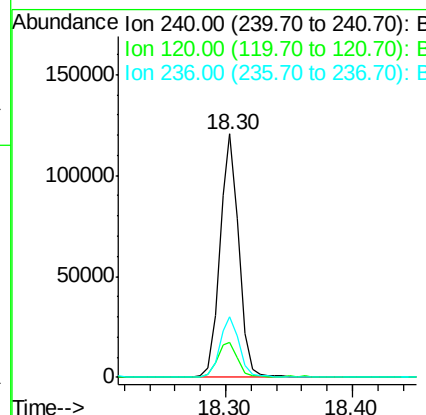
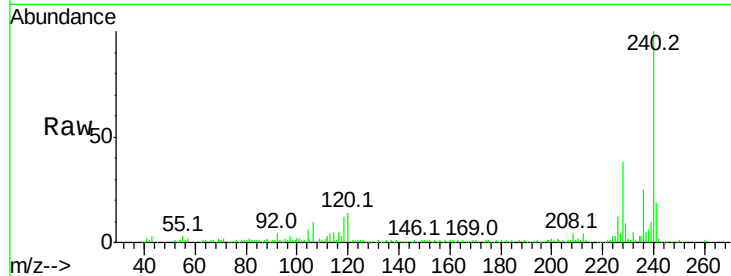
ClientSampleId :

ONSITE-001-ADL

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	25.0	20.5	30.7

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#77

Pyrene

Concen: 42.11 ng

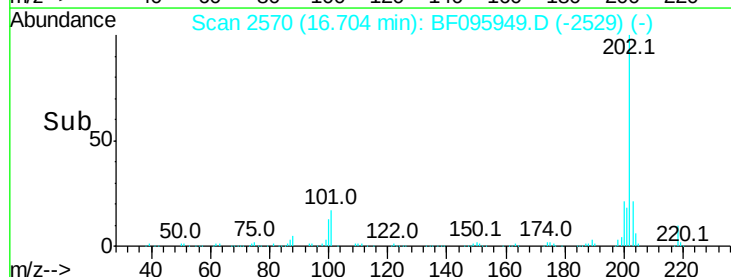
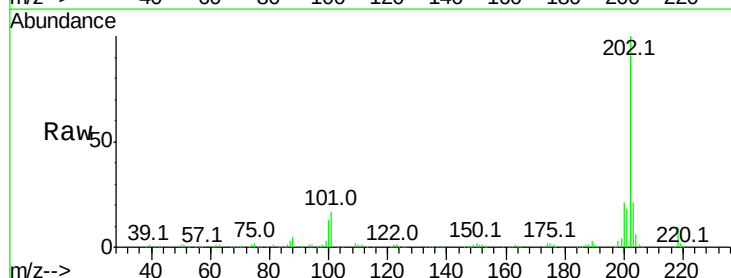
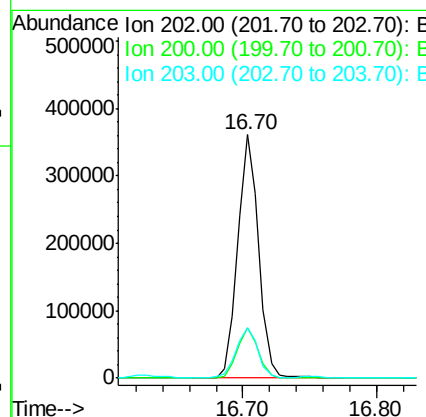
RT: 16.70 min Scan# 2570

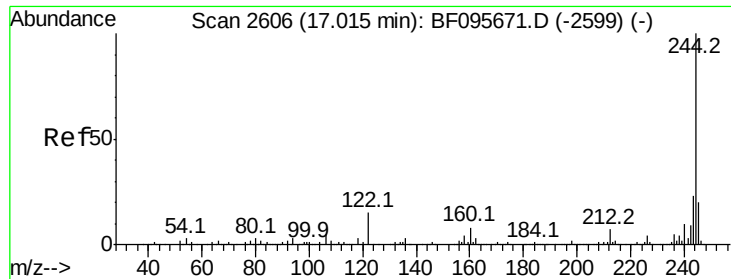
Delta R.T. -0.06 min

Lab File: BF095949.D

Acq: 15 Jun 2017 8:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	20.6	14.4	21.6





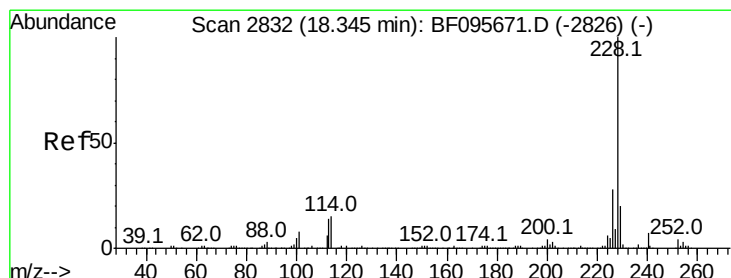
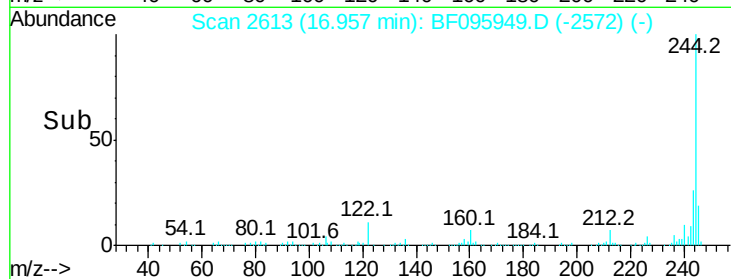
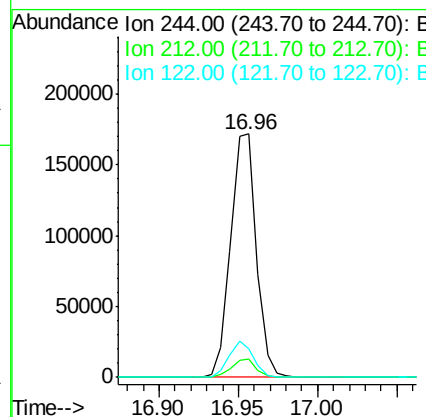
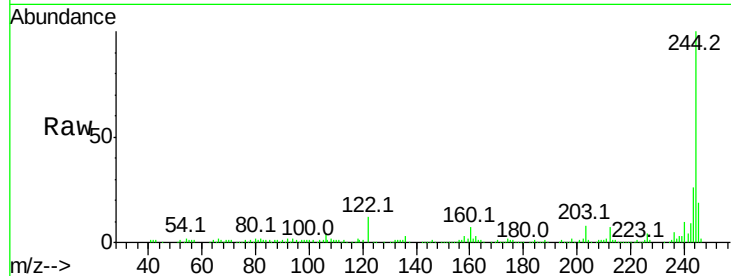
#78
 Terphenyl-d14
 Concen: 38.10 ng
 RT: 16.96 min Scan# 2613
 Delta R.T. -0.06 min
 Lab File: BF095949.D
 Acq: 15 Jun 2017 8:24

Instrument :
 BNA_F
 ClientSampleId :
 ONSITE-001-ADL

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	11.6	10.3	15.5

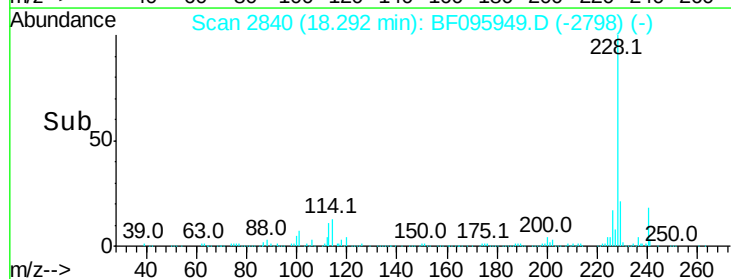
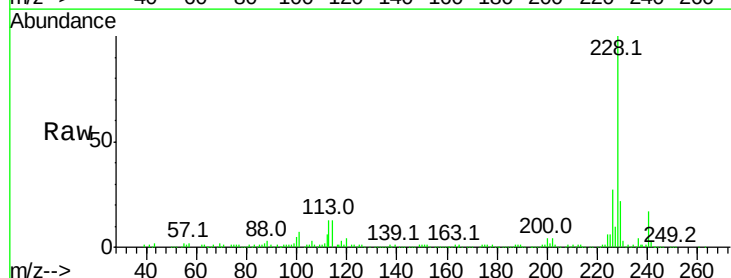
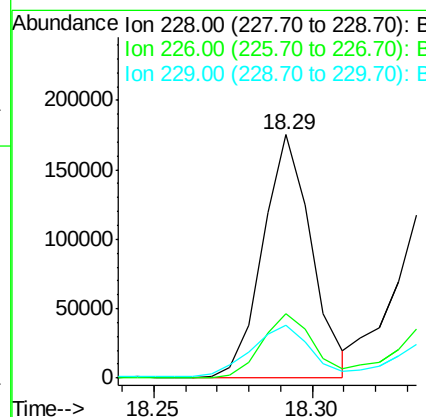
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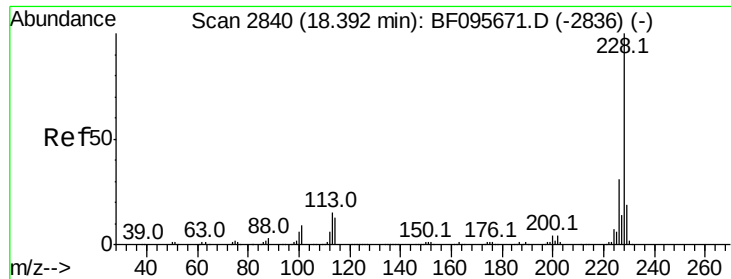
mohammad
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#80
 Benzo(a)anthracene
 Concen: 25.48 ng
 RT: 18.29 min Scan# 2840
 Delta R.T. -0.05 min
 Lab File: BF095949.D
 Acq: 15 Jun 2017 8:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	33.8
229	21.6	16.3	24.5





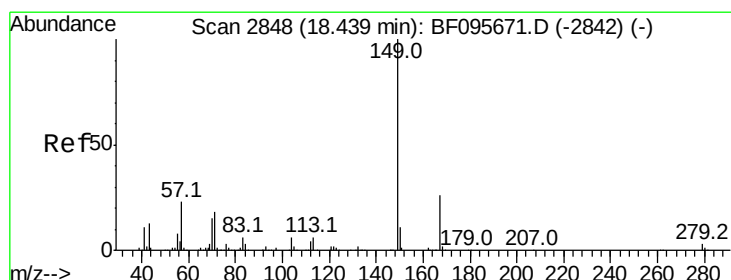
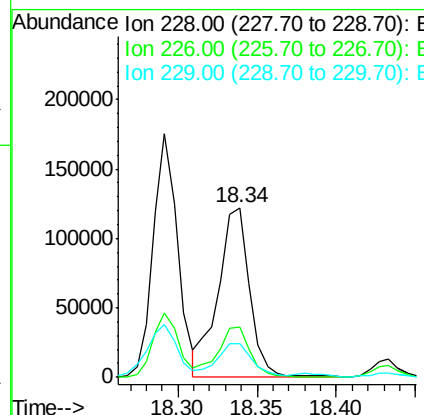
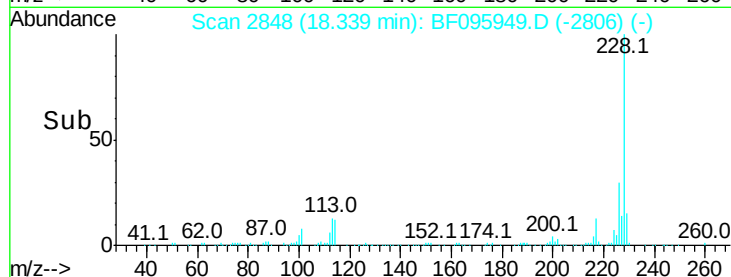
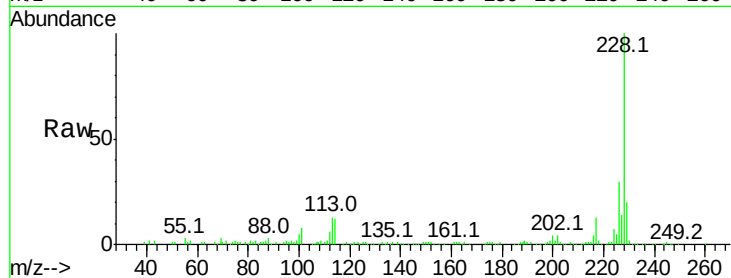
#82
 Chrysene
 Concen: 22.98 ng
 RT: 18.34 min Scan# 2848
 Delta R.T. -0.05 min
 Lab File: BF095949.D
 Acq: 15 Jun 2017 8:24

Instrument :
 BNA_F
 ClientSampleId :
 ONSITE-001-ADL

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	19.9	15.8	23.6

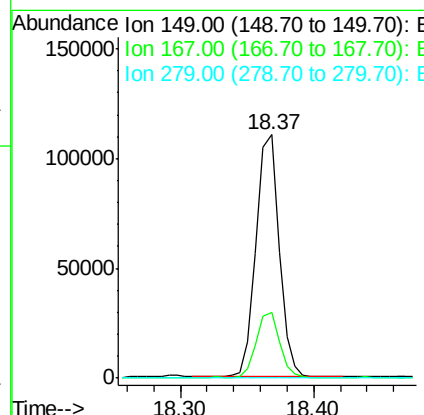
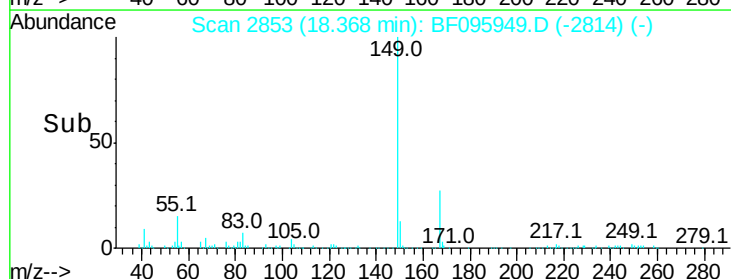
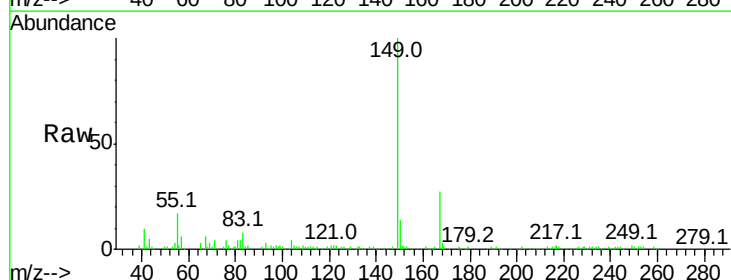
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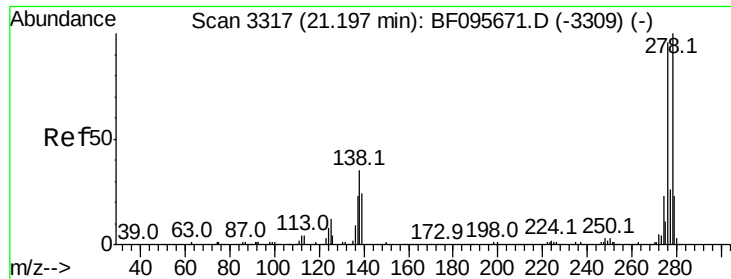
mohammad
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.78 ng
 RT: 18.37 min Scan# 2853
 Delta R.T. -0.07 min
 Lab File: BF095949.D
 Acq: 15 Jun 2017 8:24

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.0	31.4
279	0.3	1.9	2.9#





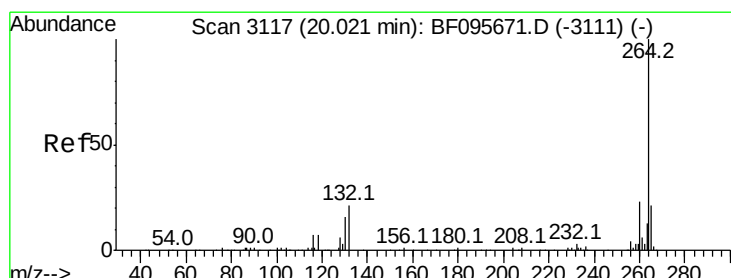
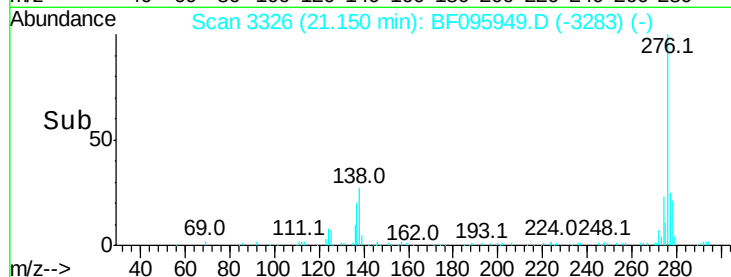
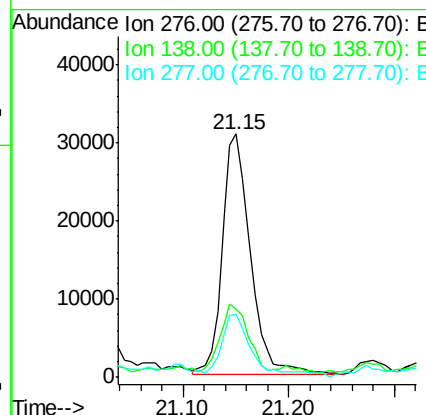
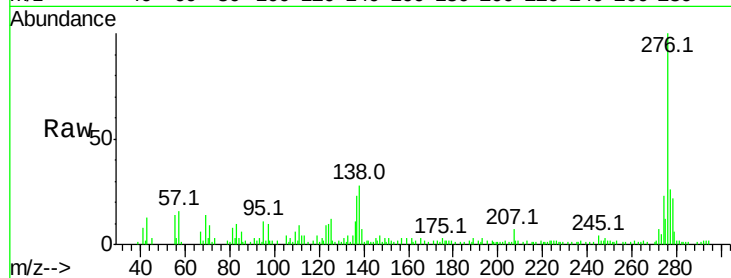
#85
Indeno(1,2,3-cd)pyrene
Concen: 9.08 ng
RT: 21.15 min Scan# 3326
Delta R.T. -0.05 min
Lab File: BF095949.D
Acq: 15 Jun 2017 8:24

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-ADL

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.2	27.8	41.6
277	22.6	20.2	30.4

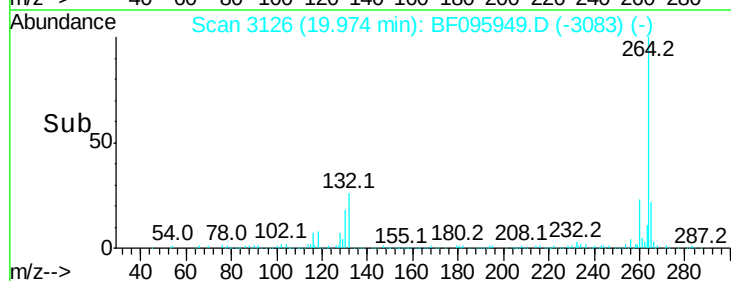
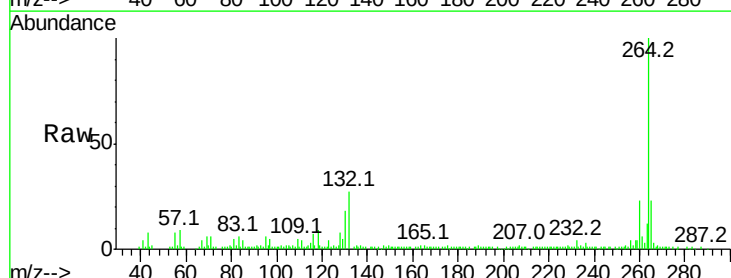
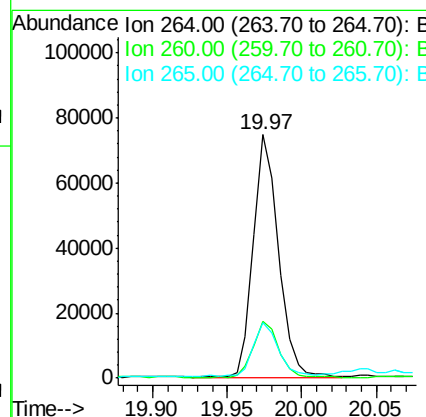
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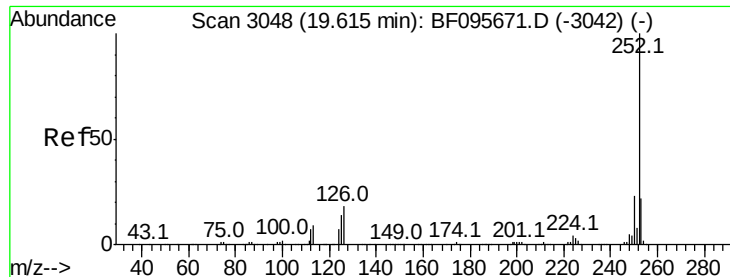
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 19.97 min Scan# 3126
Delta R.T. -0.05 min
Lab File: BF095949.D
Acq: 15 Jun 2017 8:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.5	29.3
265	22.6	17.2	25.8





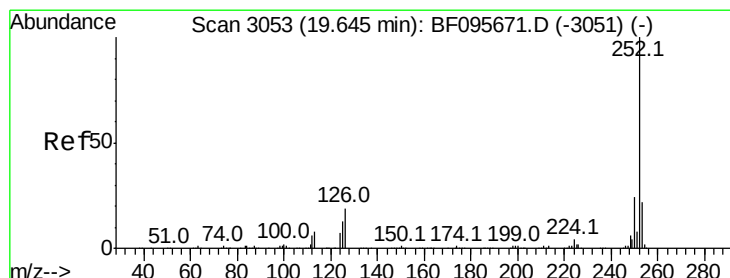
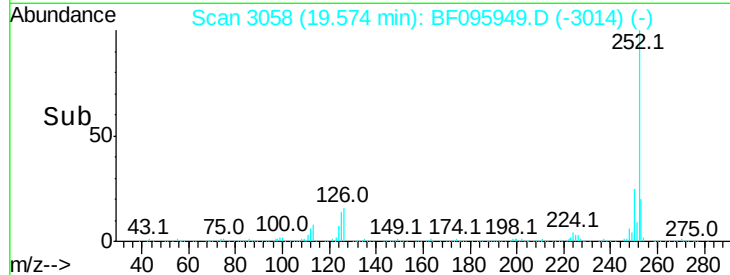
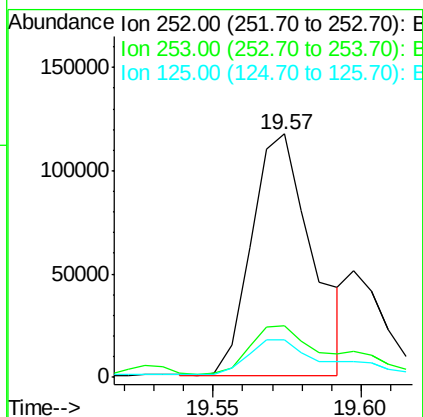
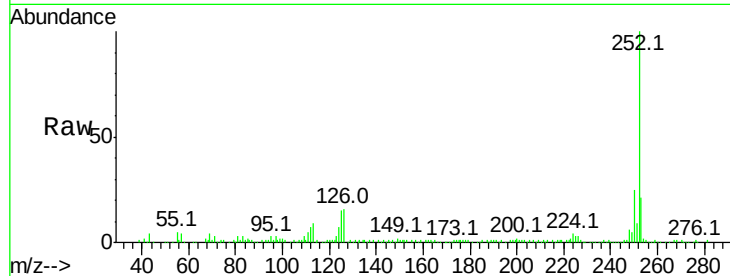
#87
Benzo(b)fluoranthene
Concen: 30.26 ng m
RT: 19.57 min Scan# 3058
Delta R.T. -0.04 min
Lab File: BF095949.D
Acq: 15 Jun 2017 8:24

Instrument :
BNA_F
ClientSampleId :
ONSITE-001-ADL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	15.3	9.8	14.8

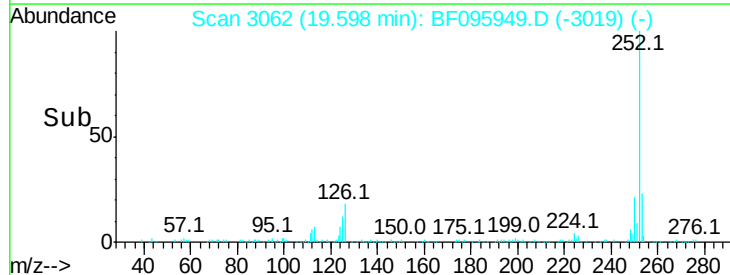
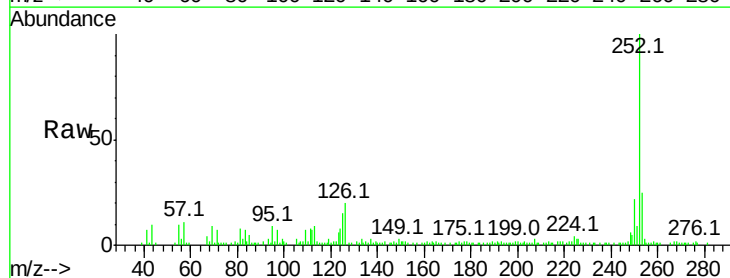
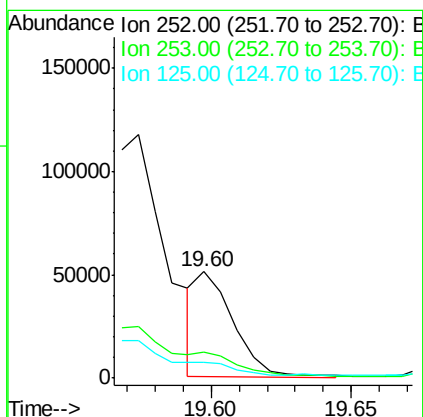
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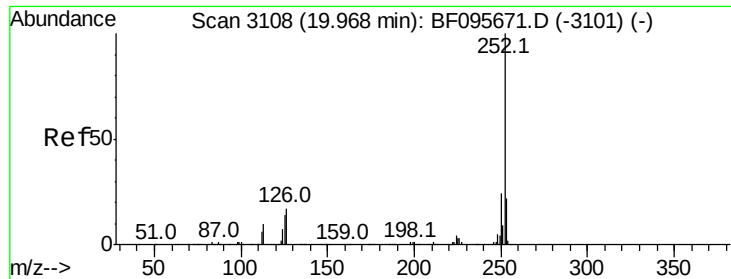
mohammad
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#88
Benzo(k)fluoranthene
Concen: 8.82 ng m
RT: 19.60 min Scan# 3062
Delta R.T. -0.05 min
Lab File: BF095949.D
Acq: 15 Jun 2017 8:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.4	27.6
125	14.5	13.1	19.7





#89

Benzo(a)pyrene

Concen: 20.24 ng

RT: 19.92 min Scan# 3117

Delta R.T. -0.05 min

Lab File: BF095949.D

Acq: 15 Jun 2017 8:24

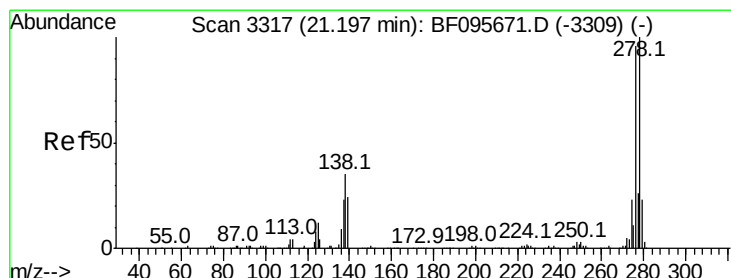
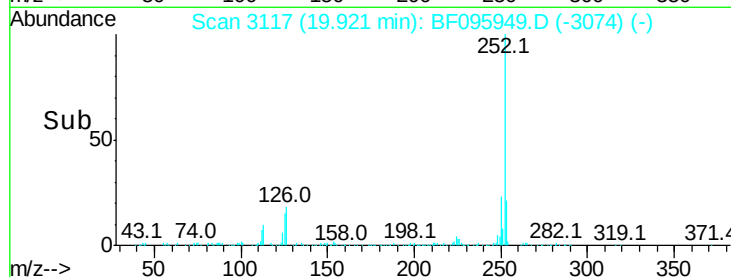
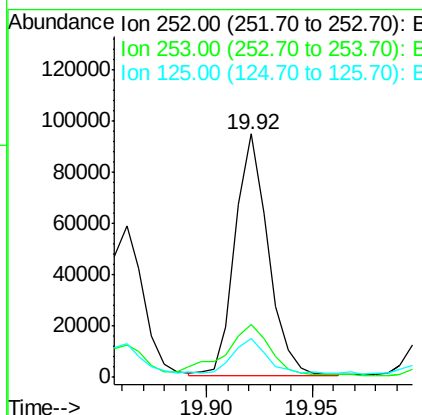
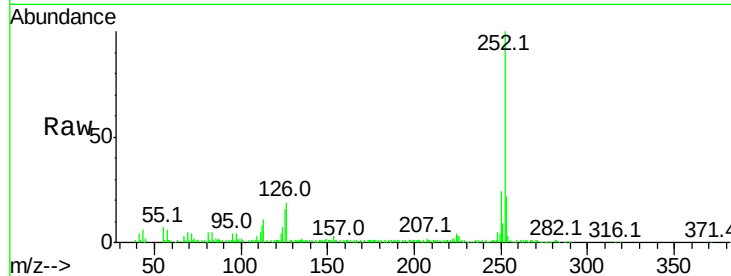
Instrument :
BNA_F

ClientSampleId :
ONSITE-001-ADL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	16.2	11.0	16.4

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 4.83 ng

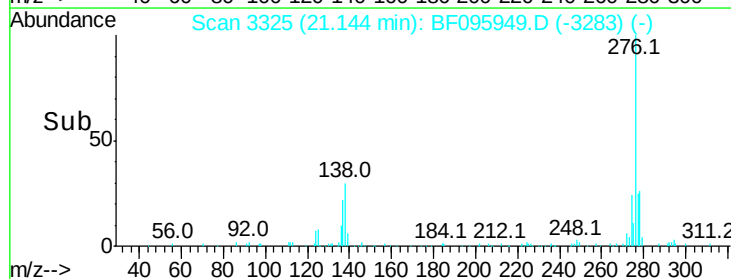
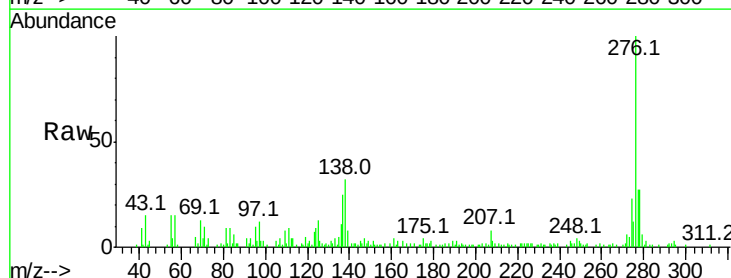
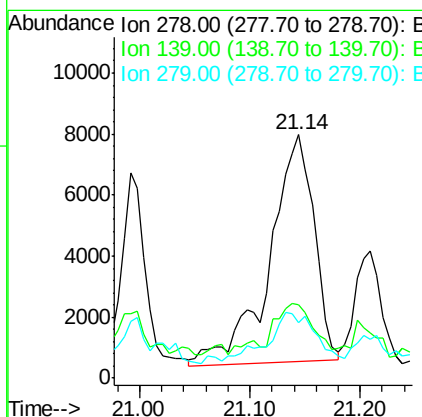
RT: 21.14 min Scan# 3325

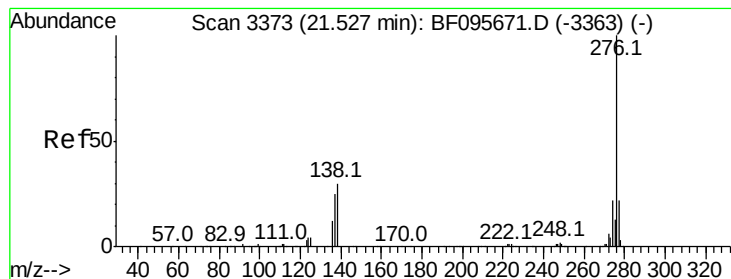
Delta R.T. -0.05 min

Lab File: BF095949.D

Acq: 15 Jun 2017 8:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.3	16.6	24.8#
279	22.6	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 11.83 ng

RT: 21.48 min Scan# 3382

Delta R.T. -0.05 min

Lab File: BF095949.D

Acq: 15 Jun 2017 8:24

Instrument :

BNA_F

ClientSampleId :

ONSITE-001-ADL

Tot Ion: 276 Resp: 51976

Ion Ratio Lower Upper

276 100

277 26.5 18.6 28.0

138 30.3 25.4 38.0

Manual Integrations

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