

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095453.D
 Acq On : 26 May 2017 9:17
 Operator : SJ/MA
 Sample : I3347-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 284-CONCRETE

Manual Integrations
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Quant Time: May 26 11:49:01 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	7.74	152	93718	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	374371	20.00	ng	-0.01
38) Acenaphthene-d10	12.60	164	151806	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	226079	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	183976	20.00	ng	-0.01
86) Perylene-d12	20.36	264	122830	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	618270	109.99	ng	-0.02
7) Phenol-d6	7.29	99	755444	112.01	ng	-0.02
23) Nitrobenzene-d5	8.65	82	426503	71.84	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	116753	93.91	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	877151	83.17	ng	-0.02
78) Terphenyl-d14	17.32	244	559669	67.00	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	12.24	163	195921	15.72	ng	99
74) Fluoranthene	16.80	202	35824	2.69	ng	97
77) Pyrene	17.10	202	32176	2.34	ng	97
82) Chrysene	18.72	228	22051	2.13	ng	95
83) Bis(2-ethylhexyl)phthalate	18.72	149	28880	3.17	ng	# 96
87) Benzo(b)fluoranthene	19.97	252	18669m	2.46	ng	

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

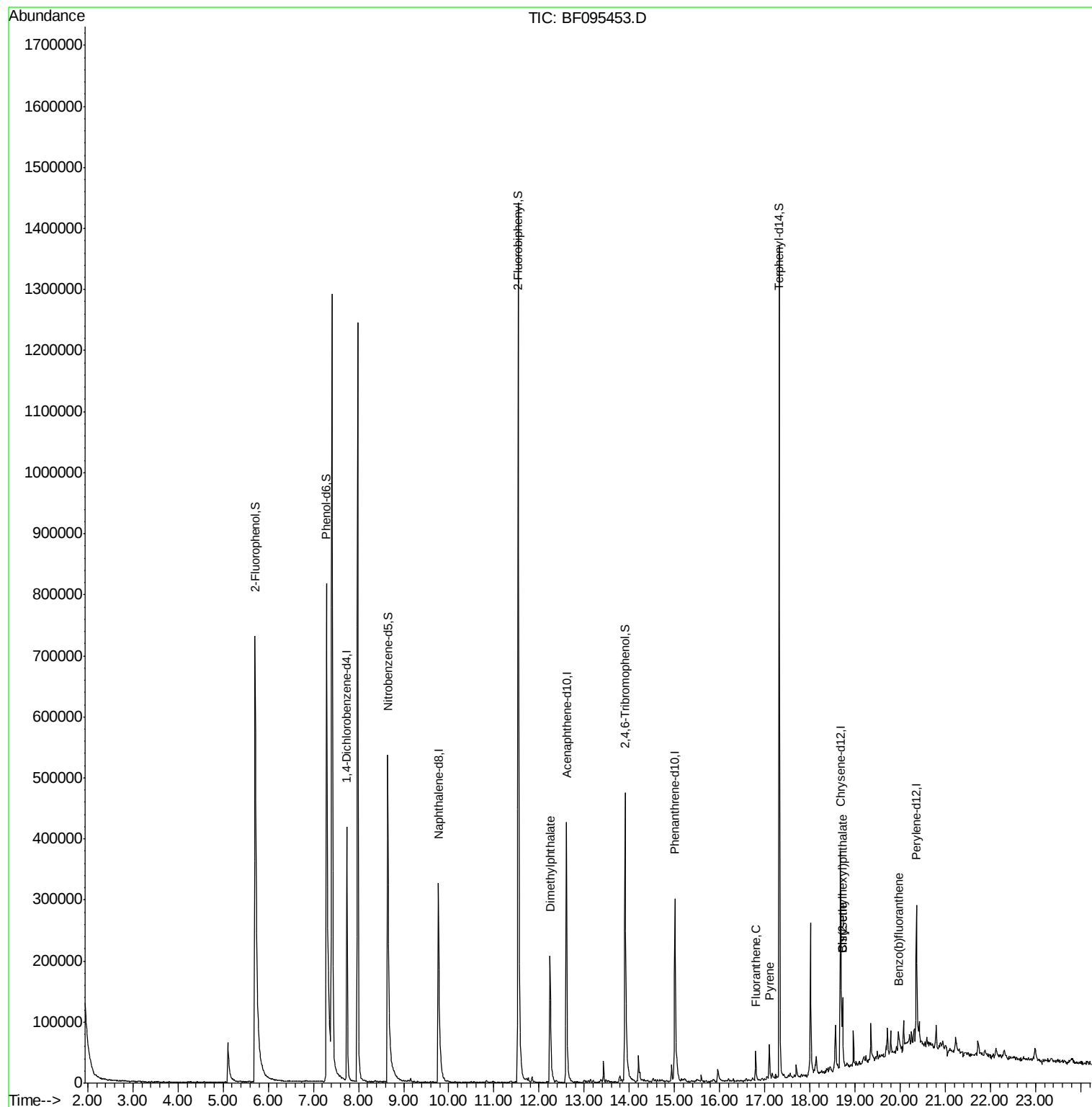
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
Data File : BF095453.D
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ALS Vial : 29 Sample Multiplier: 1

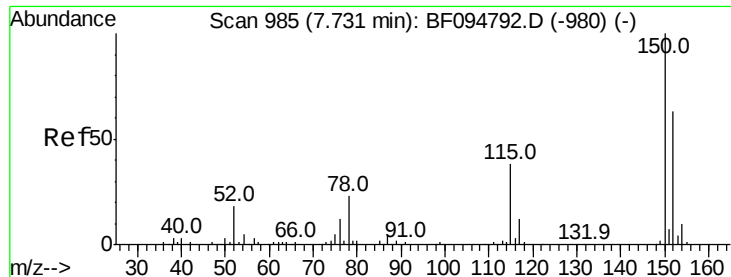
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

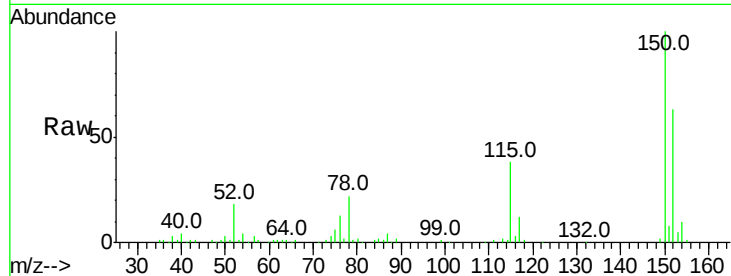
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF095453.D
Acq: 26 May 2017 9:17

Instrument :
BNA_F
ClientSampleId :
284-CONCRETE

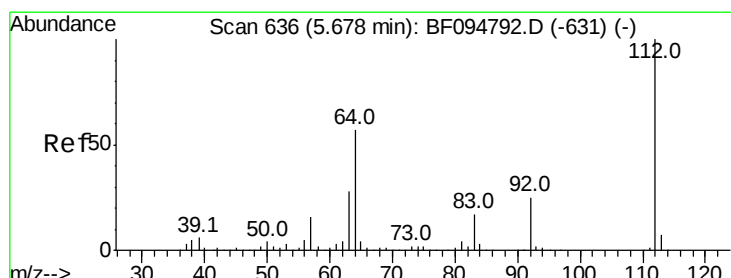
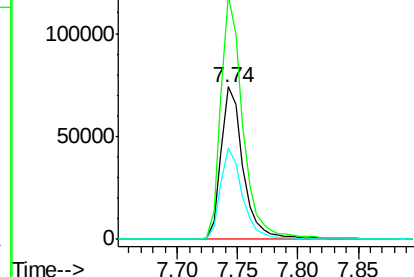
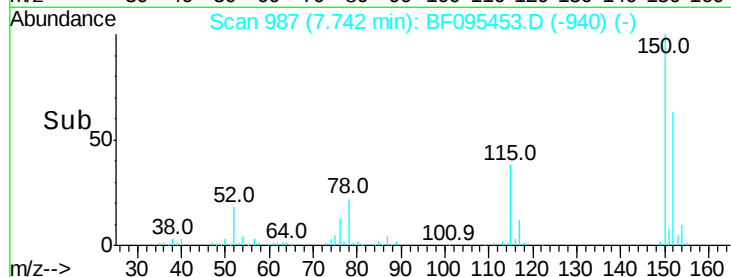
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	126.2	189.2
115	60.2	52.2	78.2

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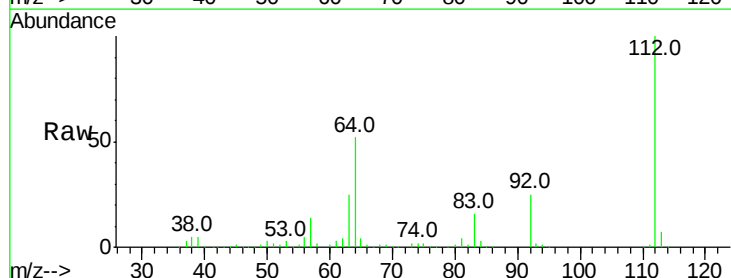
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



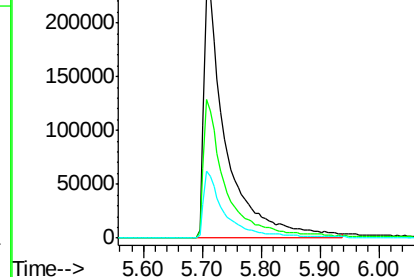
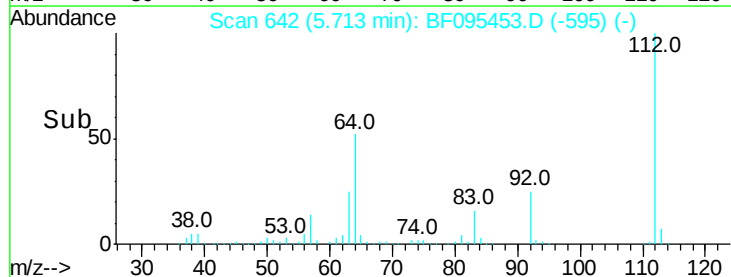
#5

2-Fluorophenol
Concen: 109.99 ng
RT: 5.71 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF095453.D
Acq: 26 May 2017 9:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.4	46.0	69.0
63	25.3	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





#7

Phenol-d6

Concen: 112.01 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095453.D

Acq: 26 May 2017 9:17

Instrument :

BNA_F

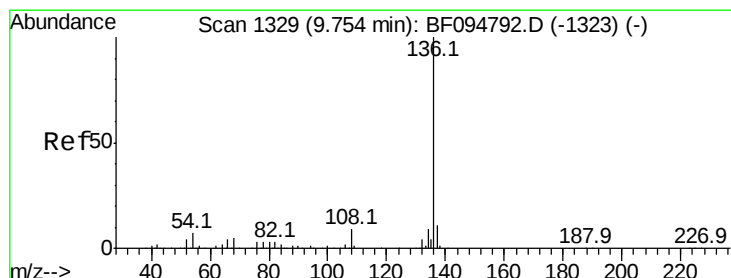
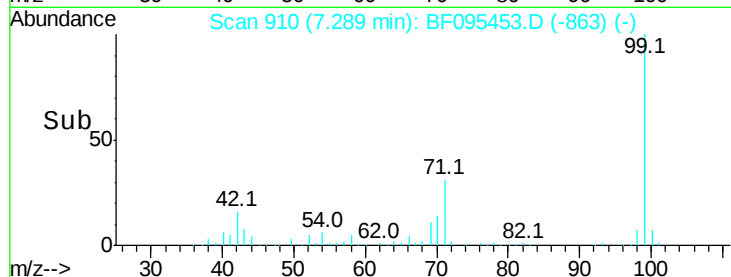
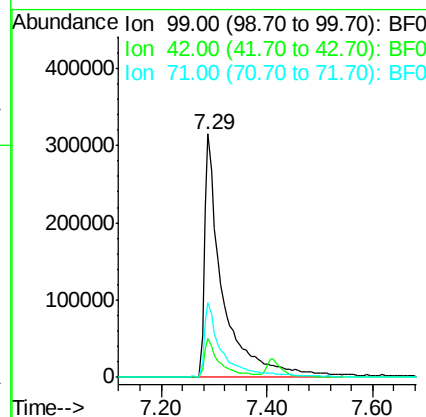
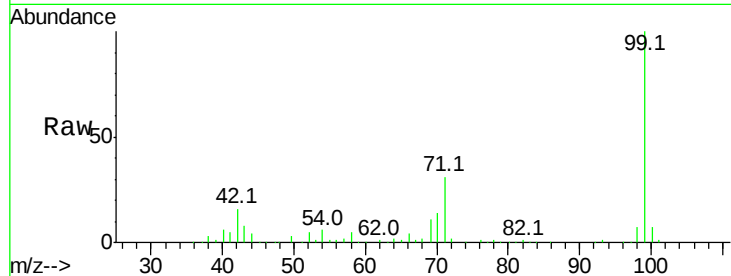
ClientSampleId :

284-CONCRETE

Tot Ion:	99	Resp:	755444
Ion Ratio	Lower	Upper	
99	100		
42	15.9	13.5	20.3
71	30.9	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

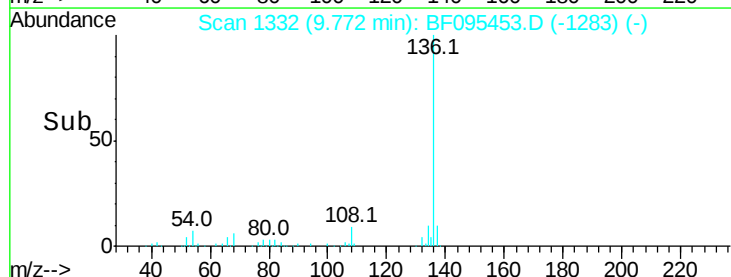
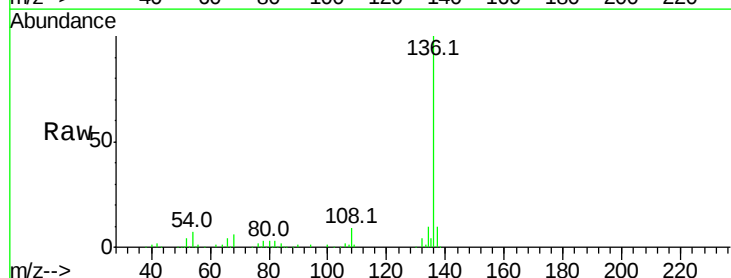
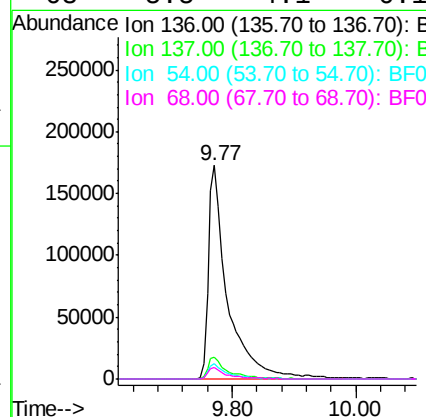
RT: 9.77 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF095453.D

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Tgt Ion:	136	Resp:	374371
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	7.1	4.9	7.3
68	5.5	4.1	6.1





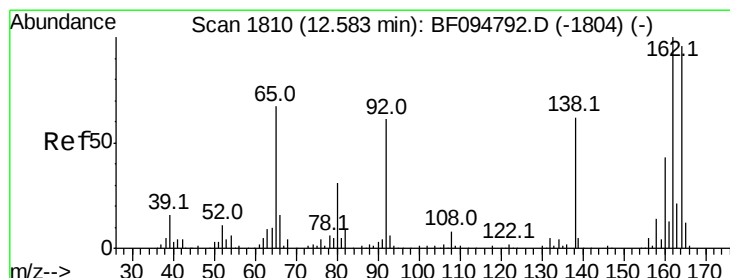
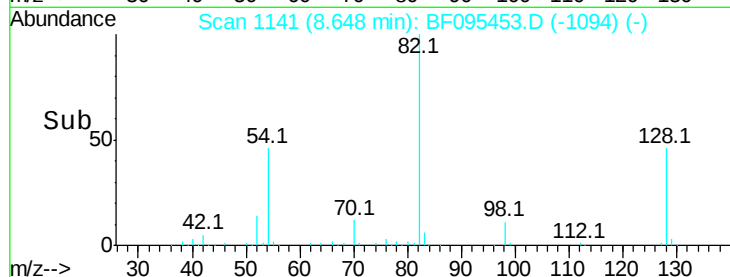
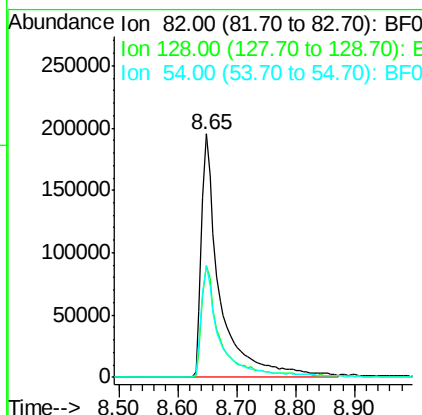
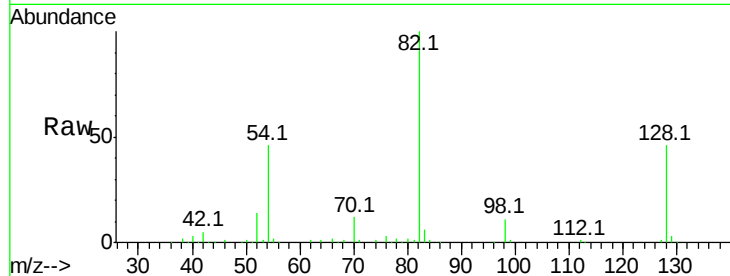
#23
Nitrobenzene-d5
Concen: 71.84 ng
RT: 8.65 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF095453.D
Acq: 26 May 2017 9:17

Instrument :
BNA_F
ClientSampled :
284-CONCRETE

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.0	51.0
54	45.7	42.2	63.2

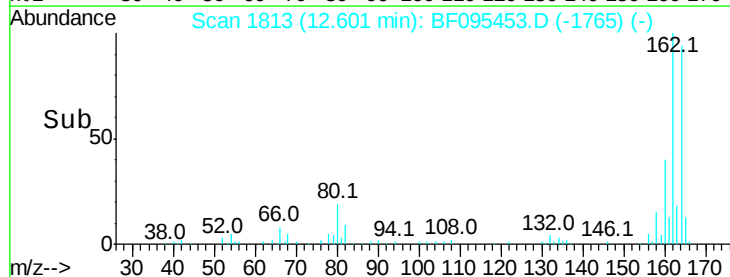
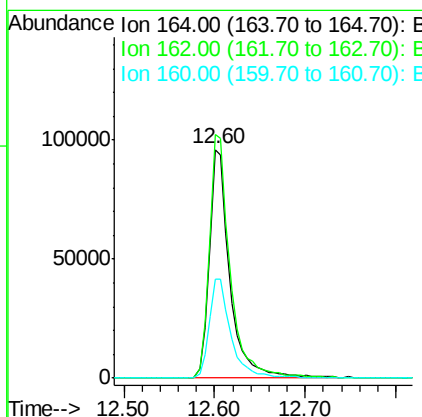
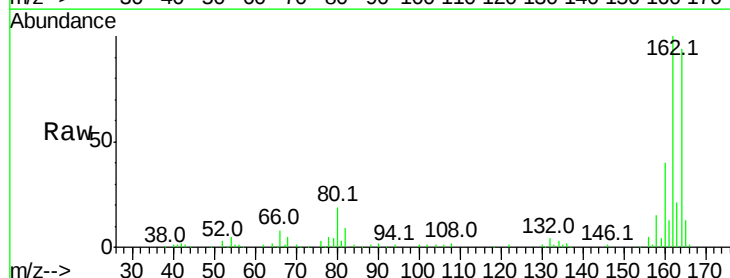
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.60 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF095453.D
Acq: 26 May 2017 9:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	82.6	123.8
160	43.1	36.2	54.2





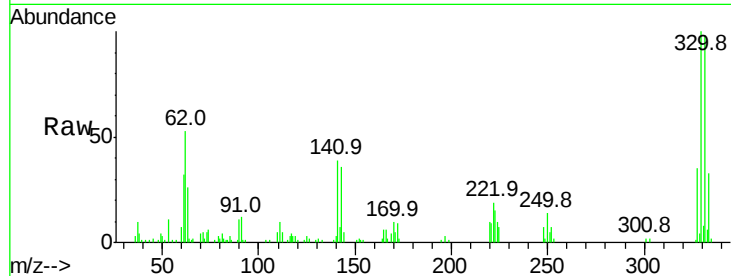
#41
 2,4,6-Tribromophenol
 Concen: 93.91 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095453.D
 Acq: 26 May 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :
 284-CONCRETE

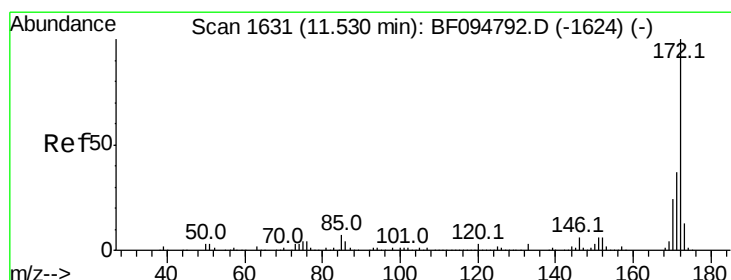
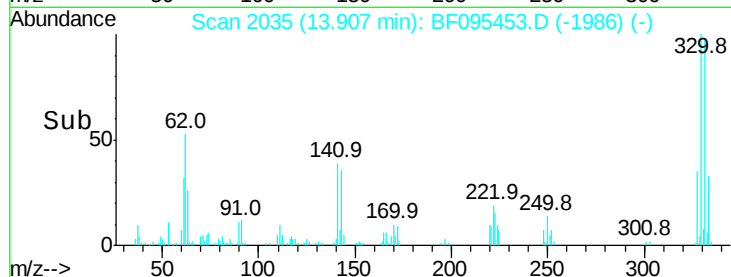
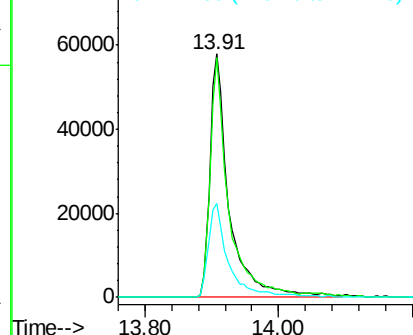
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.3	76.6	115.0	
141	40.0	31.4	47.2	

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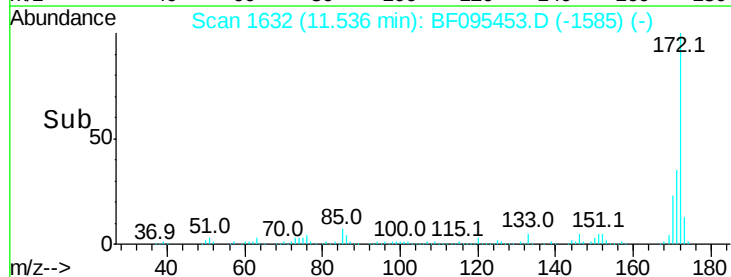
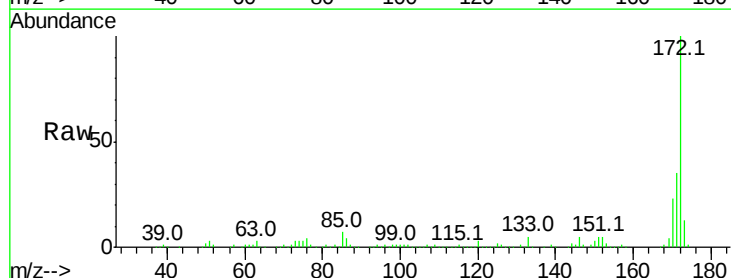
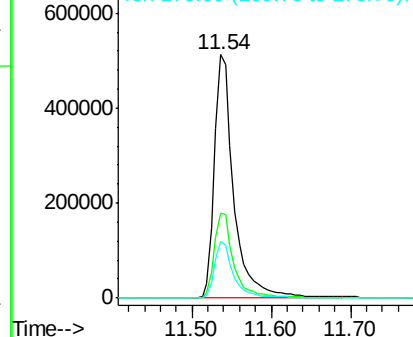
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.17 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095453.D
 Acq: 26 May 2017 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.7	29.6	44.4	
170	23.3	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





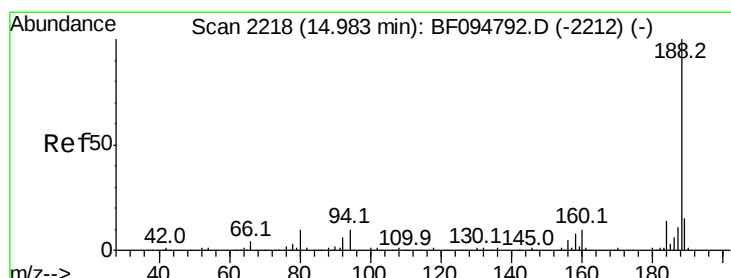
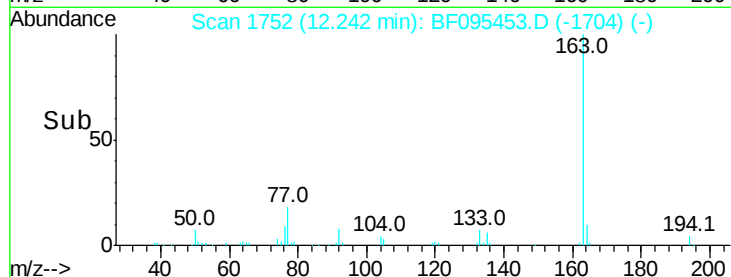
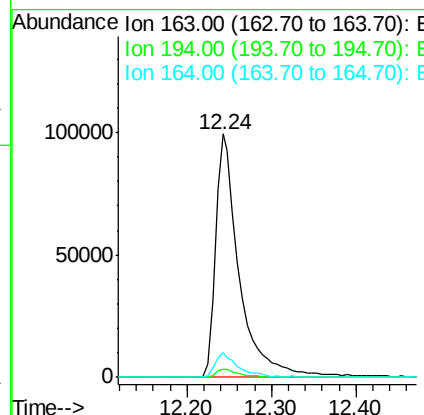
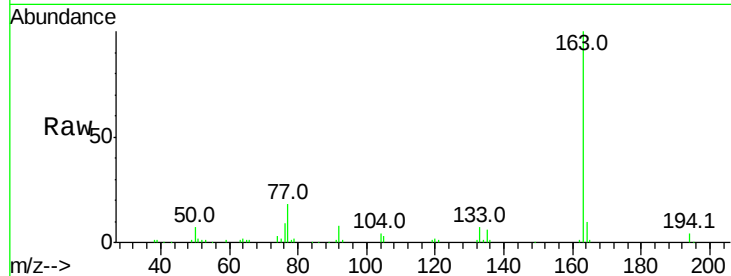
#49
Dimethylphthalate
Concen: 15.72 ng
RT: 12.24 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF095453.D
Acq: 26 May 2017 9:17

Instrument :
BNA_F
ClientSampleId :
284-CONCRETE

Tot Ion	Ratio	Resp	Lower	Upper
163	100	195921		
194	3.5	2.6	4.0	
164	10.3	8.4	12.6	

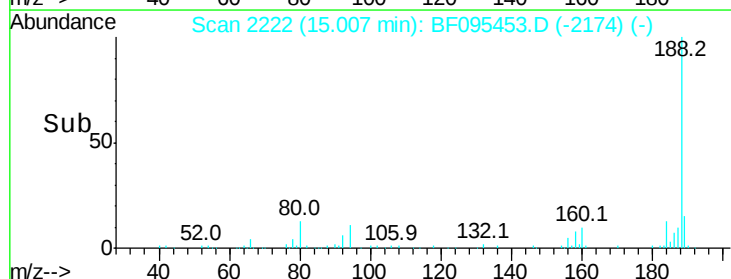
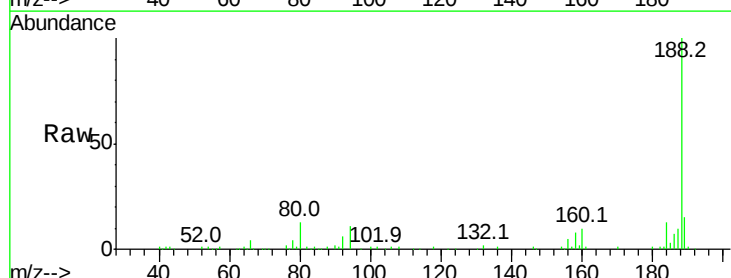
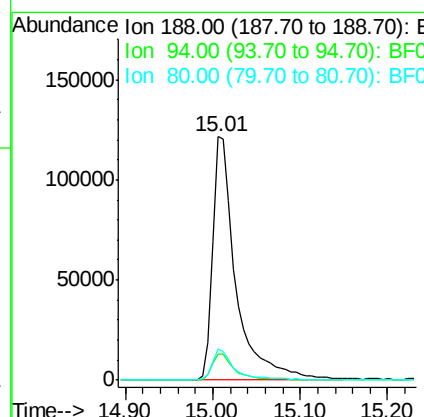
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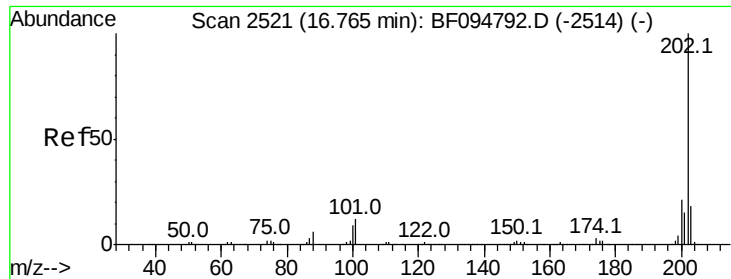
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095453.D
Acq: 26 May 2017 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	226079		
94	10.9	9.4	14.2	
80	12.8	10.2	15.2	





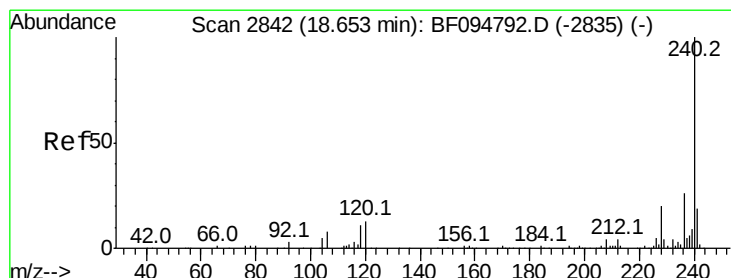
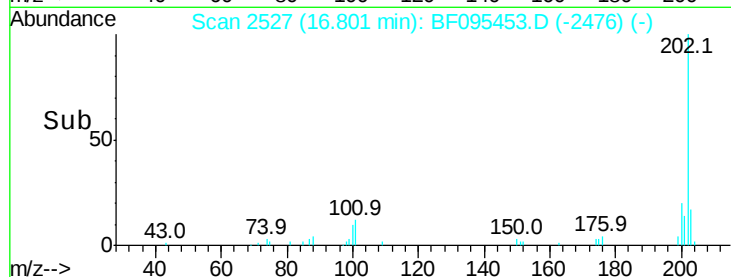
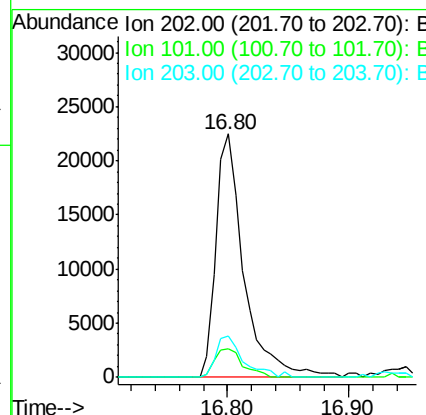
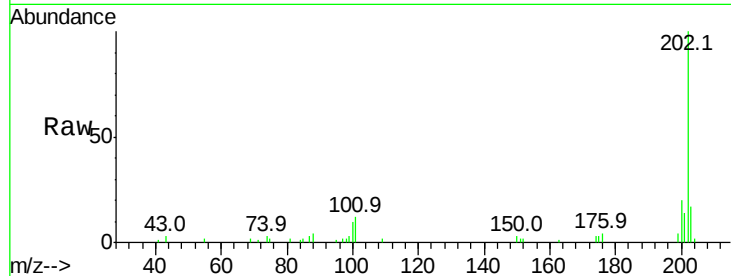
#74
Fluoranthene
 Concen: 2.69 ng
 RT: 16.80 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BF095453.D
 Acq: 26 May 2017 9:17

Instrument :
 BNA_F
 ClientSampleId :
 284-CONCRETE

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	11.8	0.0	33.2	
203	17.0	0.0	38.1	

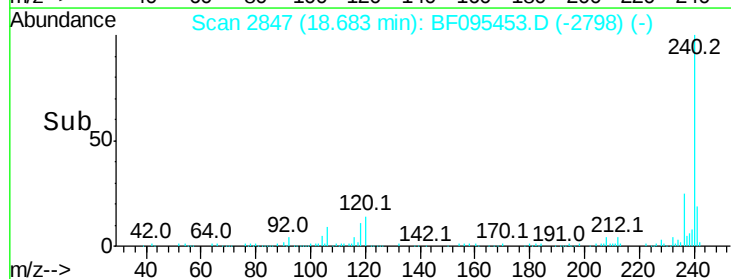
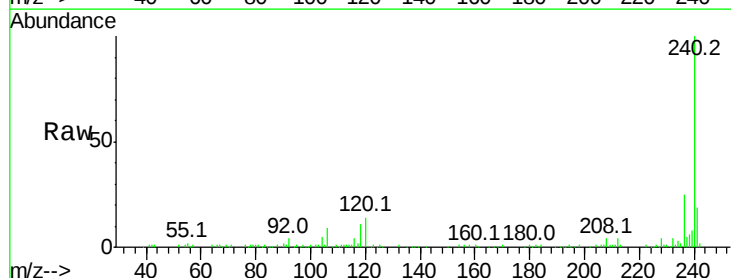
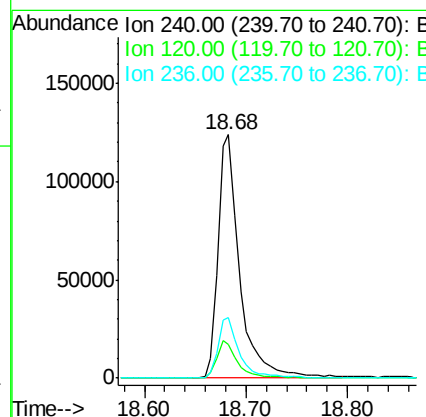
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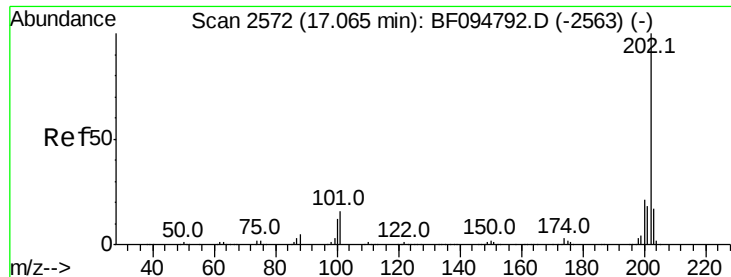
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095453.D
 Acq: 26 May 2017 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	14.0	5.8	8.8#	
236	24.8	20.5	30.7	





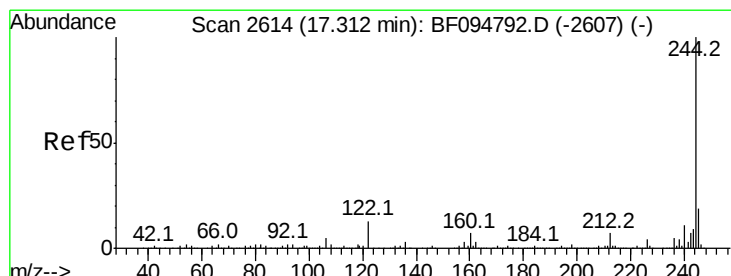
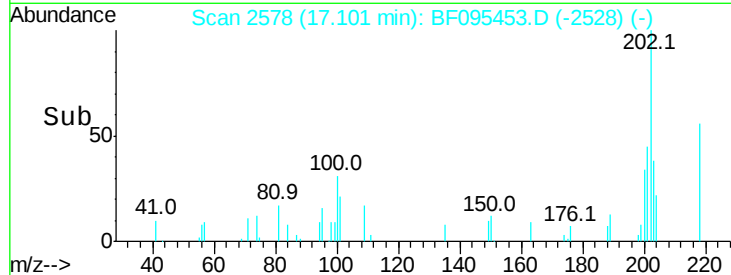
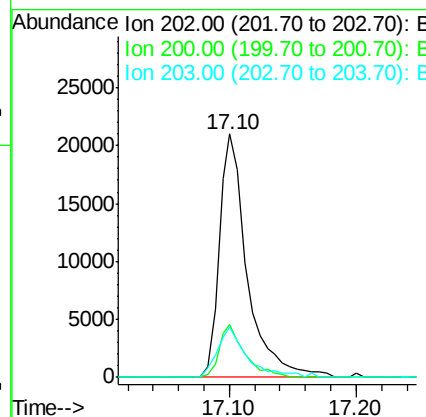
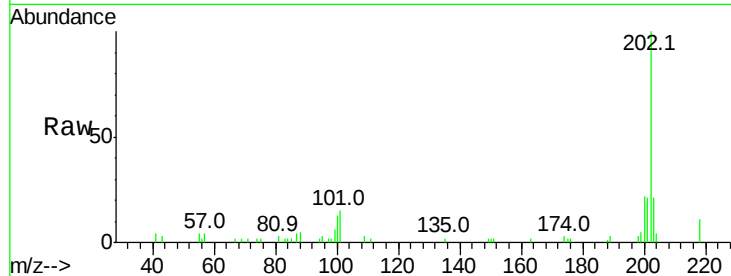
#77
Pvrene
Concen: 2.34 ng
RT: 17.10 min Scan# 2578
Delta R.T. -0.01 min
Lab File: BF095453.D
Acq: 26 May 2017 9:17

Instrument :
BNA_F
ClientSampleId :
284-CONCRETE

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	20.7	14.4	21.6

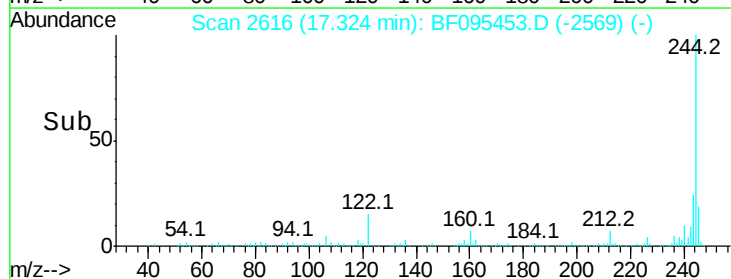
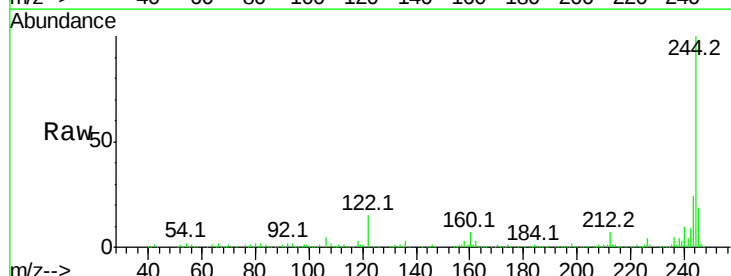
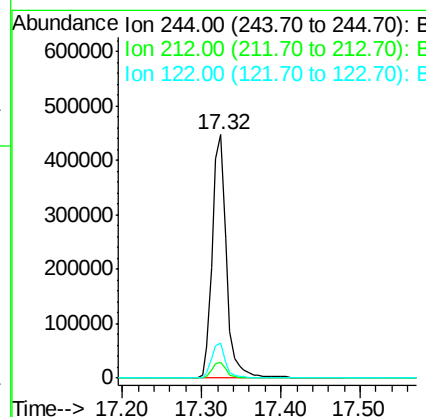
Manual Integrations
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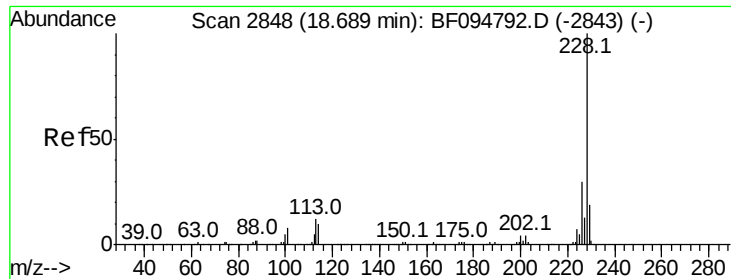
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#78
Terphenyl-d14
Concen: 67.00 ng
RT: 17.32 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BF095453.D
Acq: 26 May 2017 9:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.5	10.3	15.5





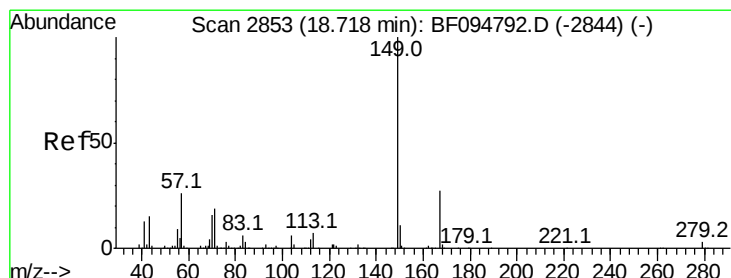
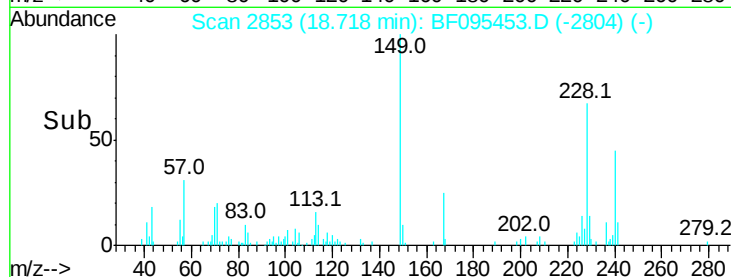
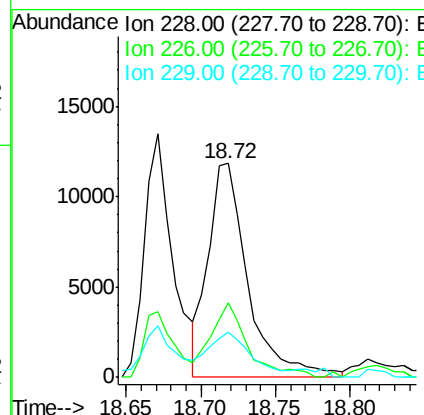
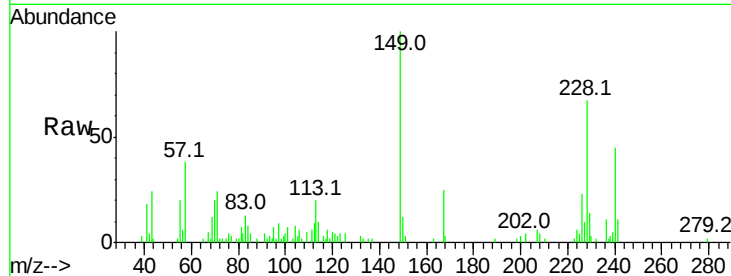
#82
Chrysene
Concen: 2.13 ng
RT: 18.72 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF095453.D
Acq: 26 May 2017 9:17

Instrument :
BNA_F
ClientSampleId :
284-CONCRETE

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.8	24.9	37.3
229	21.3	15.8	23.6

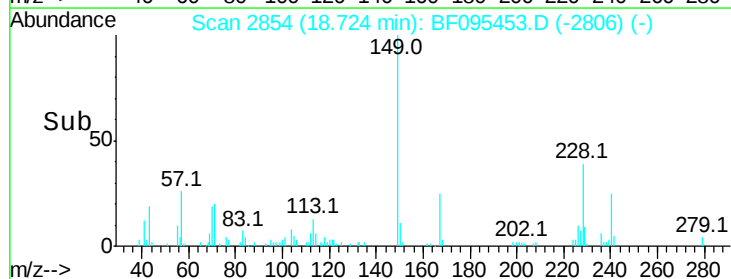
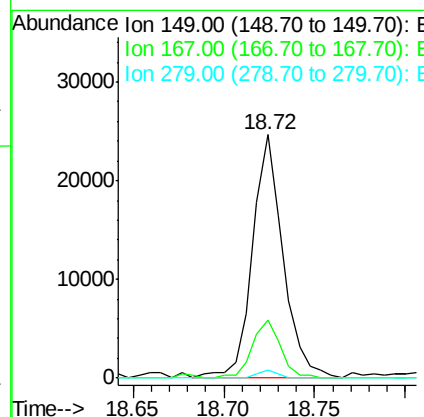
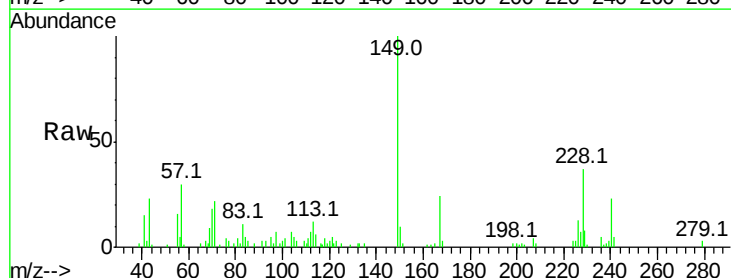
Manual Integrations
APPROVED

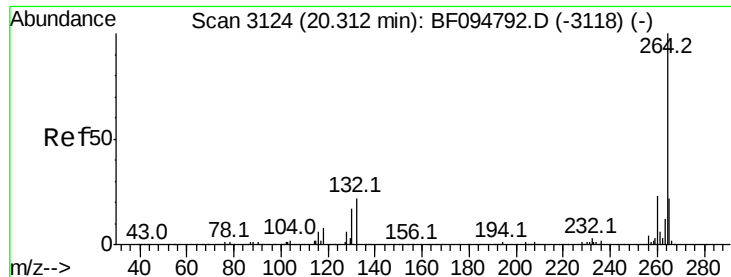
mohammad
5/26/2017 1:27:04 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 3.17 ng
RT: 18.72 min Scan# 2854
Delta R.T. -0.02 min
Lab File: BF095453.D
Acq: 26 May 2017 9:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	23.9	21.0	31.4
279	3.4	1.9	2.9#





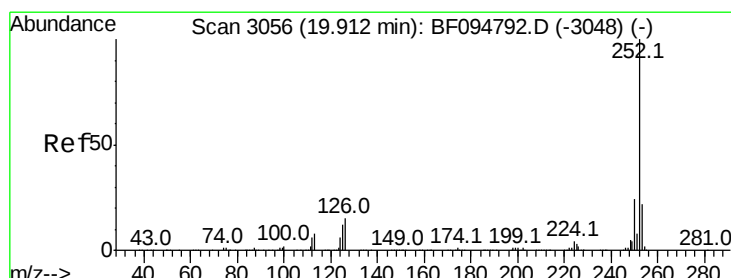
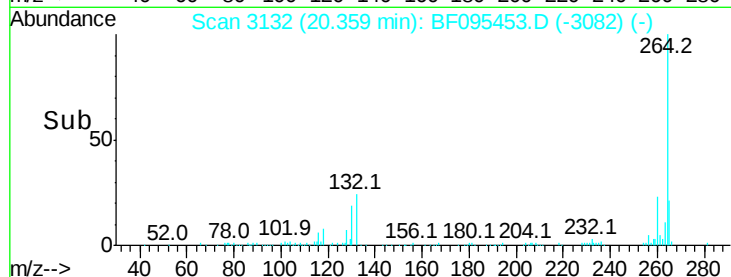
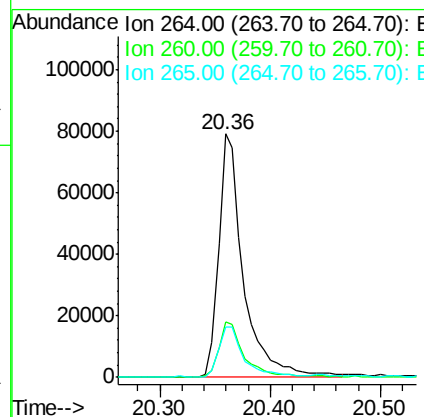
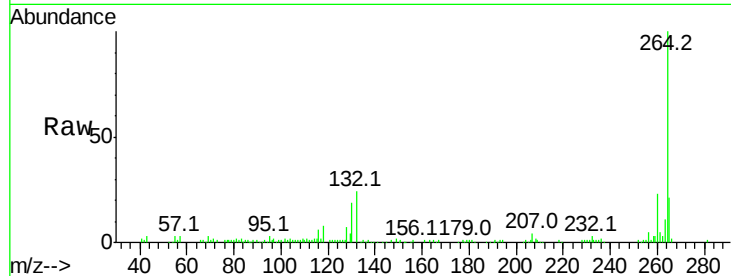
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095453.D
Acq: 26 May 2017 9:17

Instrument :
BNA_F
ClientSampled :
284-CONCRETE

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	20.7	17.2	25.8

Manual Integrations
APPROVED

mohammad
5/26/2017 1:27:04 PM



#87
Benzo(b)fluoranthene
Concen: 2.46 ng m
RT: 19.97 min Scan# 3065
Delta R.T. 0.01 min
Lab File: BF095453.D
Acq: 26 May 2017 9:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	14.8	9.8	14.8

