

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
 Data File : BF083896.D
 Acq On : 18 Dec 2015 4:48
 Operator : UM/SJ
 Sample : G4680-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 K202-(0-2)

Manual Integrations
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Quant Time: Dec 18 06:29:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 01:01:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	60044	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	218085	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	97579	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	154784	20.00	ng	0.00
75) Chrysene-d12	14.03	240	117794	20.00	ng	0.00
86) Perylene-d12	15.47	264	93840	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	481533	125.50	ng	0.01
7) Phenol-d6	6.52	99	570333	121.44	ng	0.01
23) Nitrobenzene-d5	7.44	82	378634	99.09	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	154937	144.13	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	715594	107.38	ng	0.00
78) Terphenyl-d14	12.98	244	447555	89.14	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.53	94	11615	2.22	ng	90
49) Dimethylphthalate	9.63	163	273009	33.34	ng	99
74) Fluoranthene	12.60	202	34358	3.68	ng	98
80) Benzo(a)anthracene	14.02	228	17891m	2.47	ng	
82) Chrysene	14.05	228	18937m	2.71	ng	
83) Bis(2-ethylhexyl)phthalate	14.02	149	12201	2.33	ng	# 91
87) Benzo(b)fluoranthene	15.06	252	24311m	3.55	ng	
89) Benzo(a)pyrene	15.41	252	15012	2.66	ng	# 92
91) Benzo(g,h,i)perylene	17.33	276	10707	2.49	ng	95

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

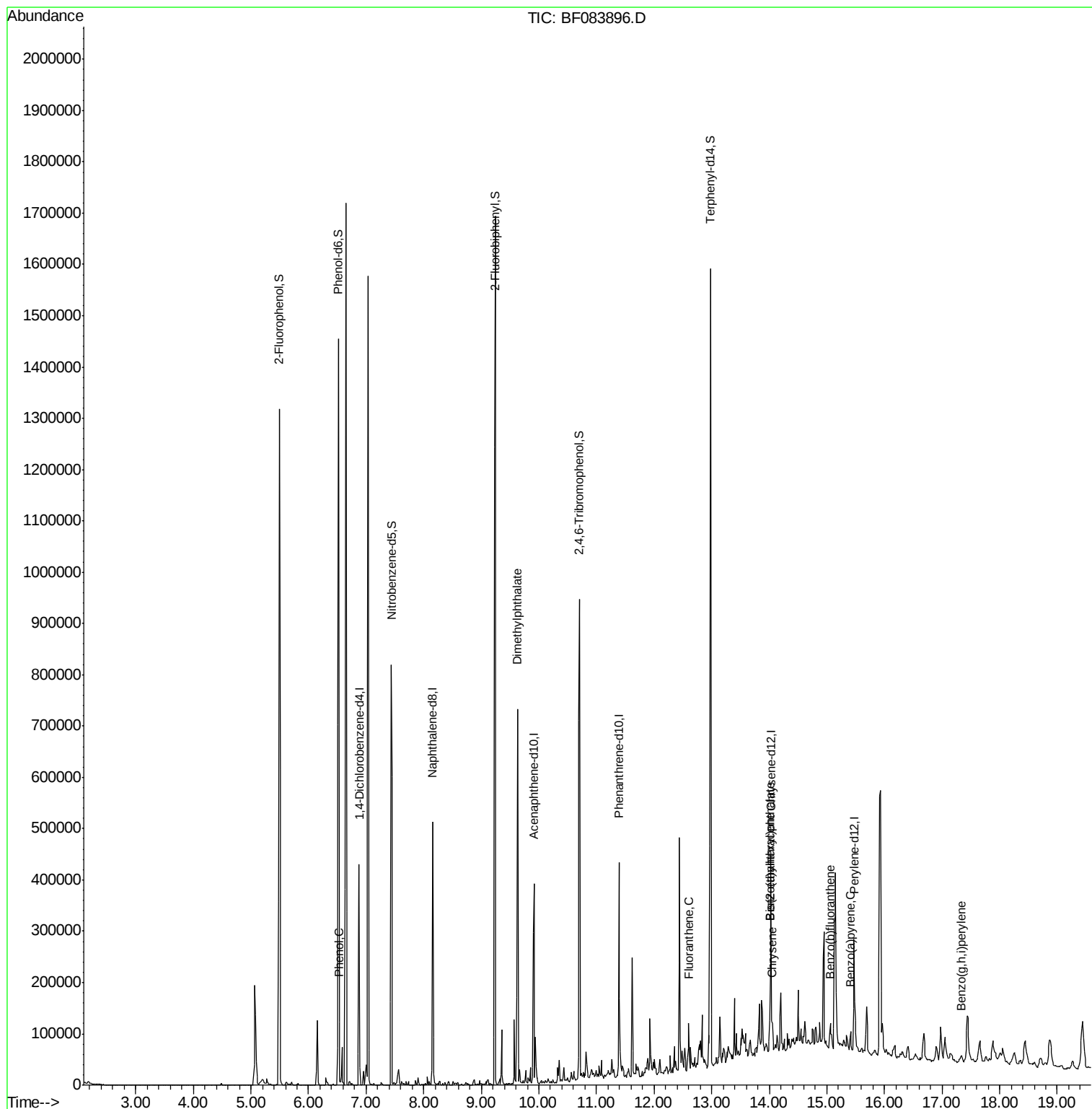
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083896.D
Acq On : 18 Dec 2015 4:48
Operator : UM/SJ
Sample : G4680-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

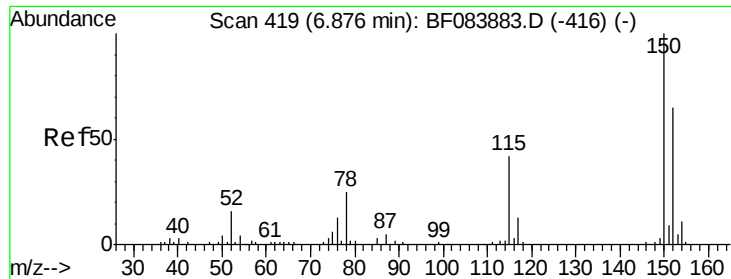
Instrument :
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Quant Time: Dec 18 06:29:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 01:01:02 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF083896.D

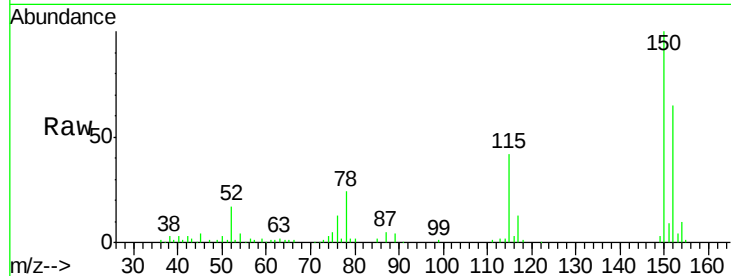
Acq: 18 Dec 2015 4:48

Instrument :

BNA_F

ClientSampleId :

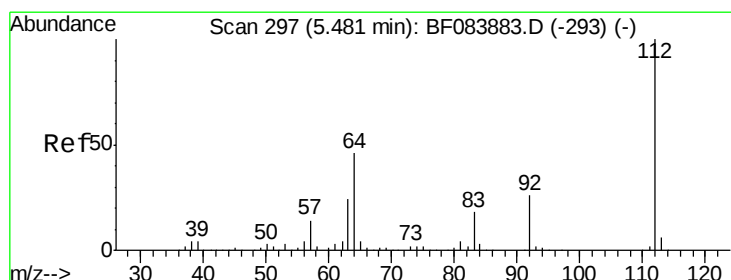
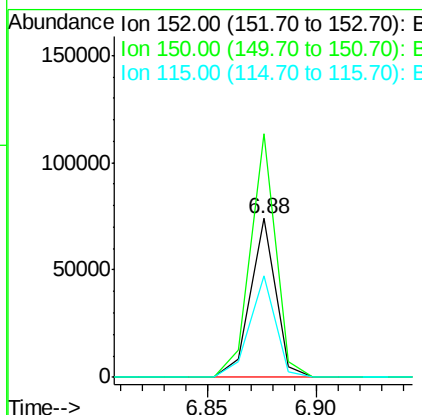
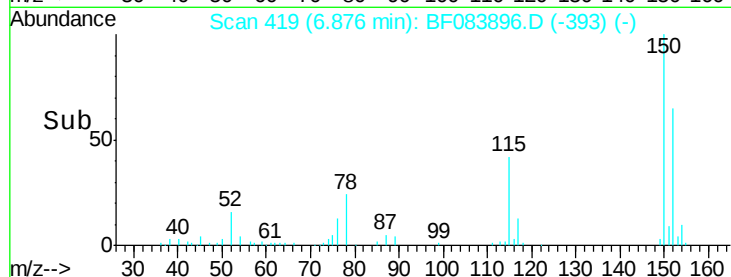
K202-(0-2)



Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.0	184.4
115	63.7	51.4	77.2

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#5

2-Fluorophenol

Concen: 125.50 ng

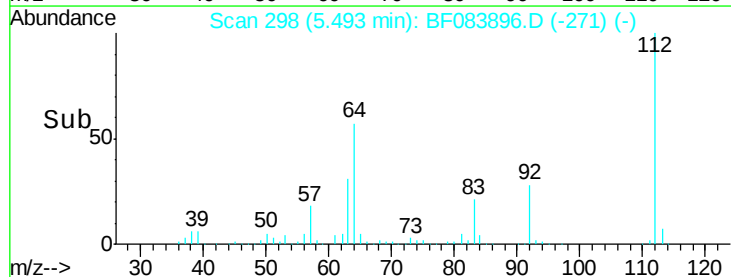
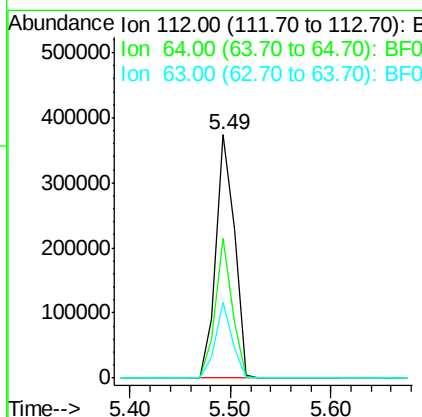
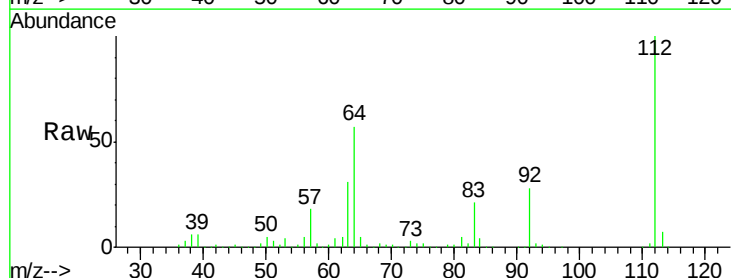
RT: 5.49 min Scan# 298

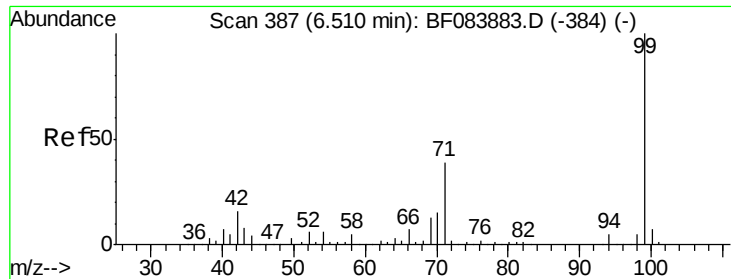
Delta R.T. 0.01 min

Lab File: BF083896.D

Acq: 18 Dec 2015 4:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	36.6	55.0#
63	31.2	19.4	29.0#





#7

Phenol-d6

Concen: 121.44 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF083896.D

Acq: 18 Dec 2015 4:48

Instrument :

BNA_F

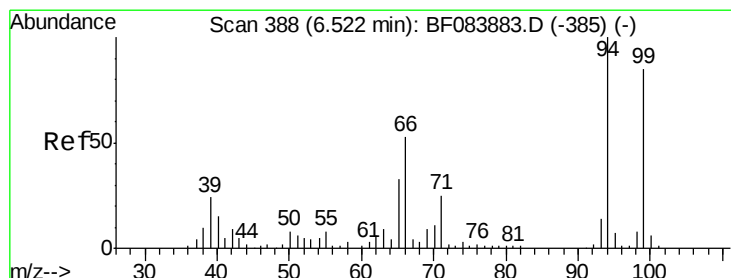
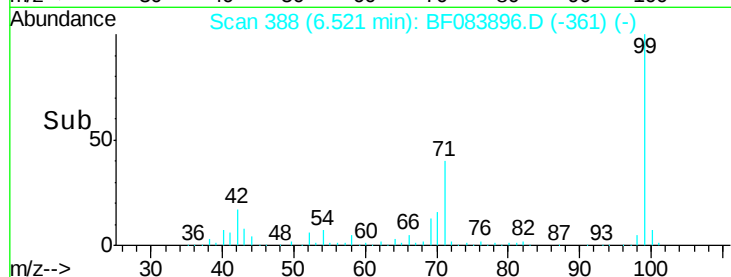
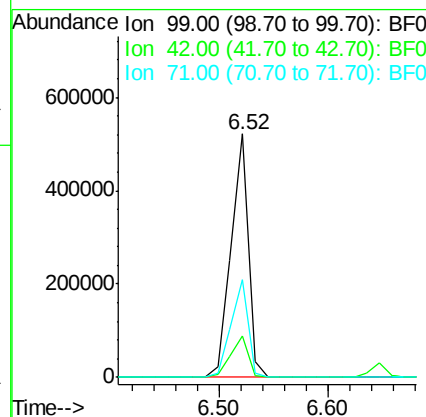
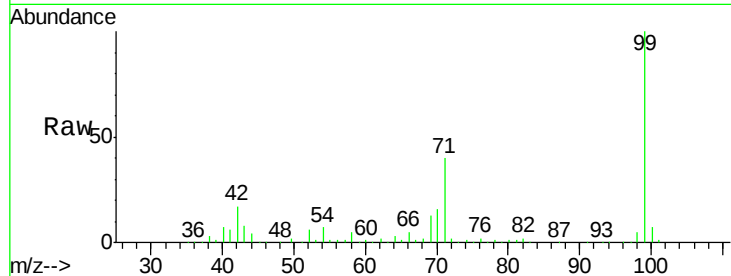
ClientSampleId :

K202-(0-2)

Tgt Ion:	99	Resp:	570333
Ion Ratio	Lower	Upper	
99	100		
42	16.7	12.8	19.2
71	40.0	30.9	46.3

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#10

Phenol

Concen: 2.22 ng

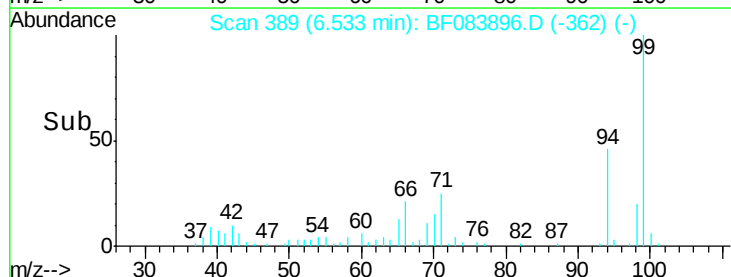
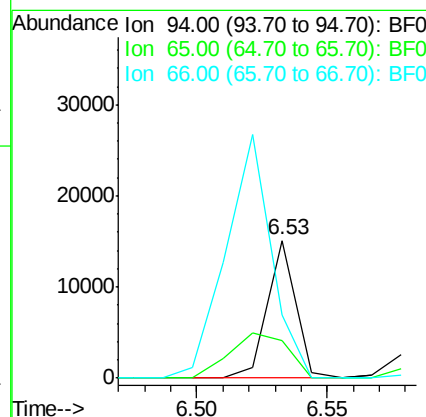
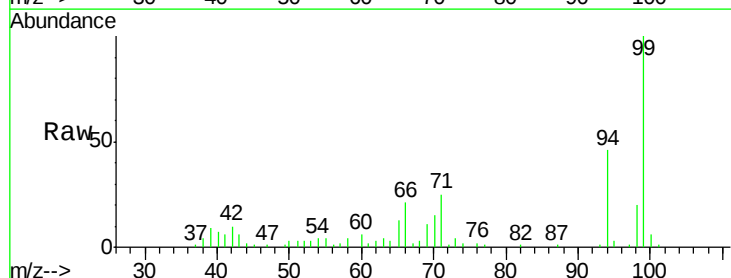
RT: 6.53 min Scan# 389

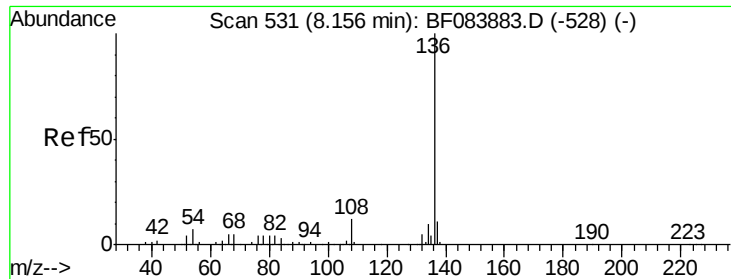
Delta R.T. 0.01 min

Lab File: BF083896.D

Acq: 18 Dec 2015 4:48

Tgt Ion:	94	Resp:	11615
Ion Ratio	Lower	Upper	
94	100		
65	27.3	12.9	52.9
66	45.4	32.7	72.7





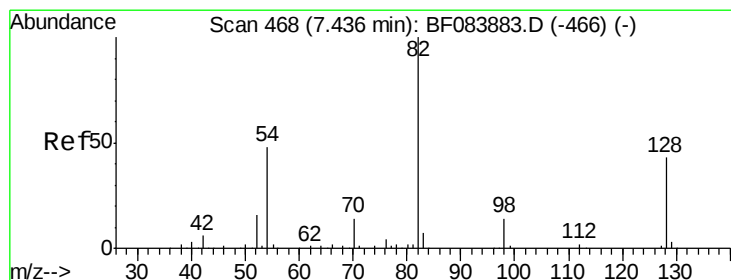
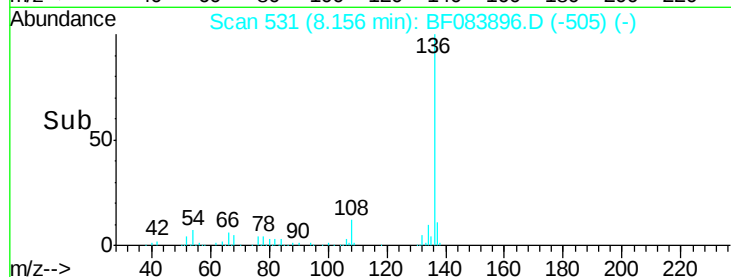
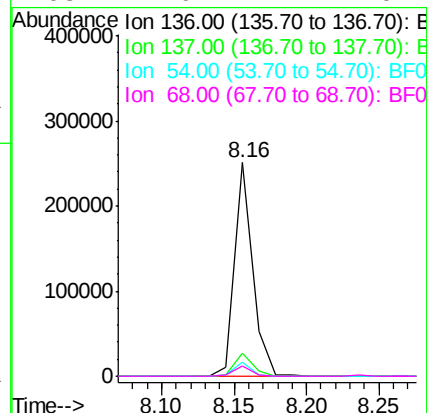
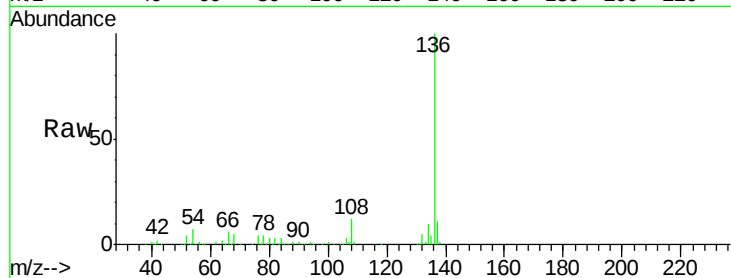
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Instrument :
BNA_F
ClientSampleId :
K202-(0-2)

Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.8	5.8	8.8
68	4.9	4.2	6.2

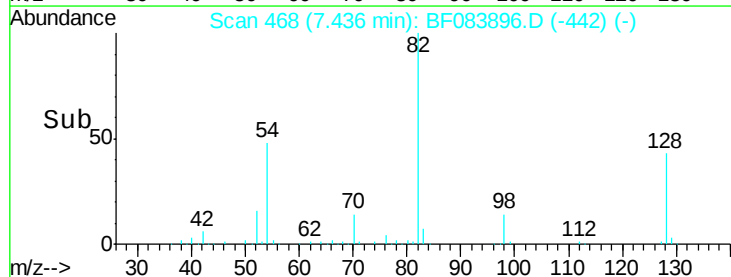
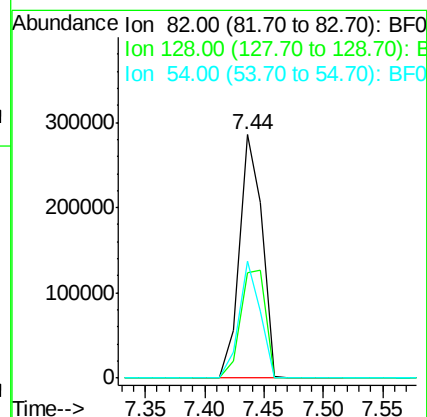
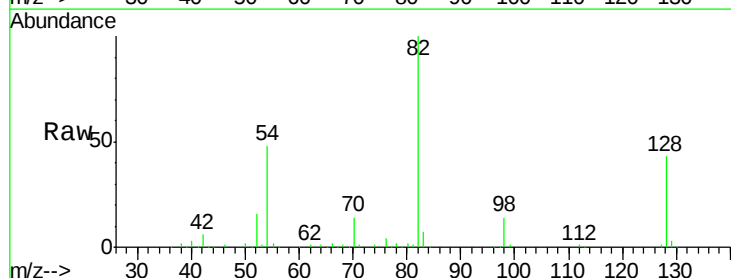
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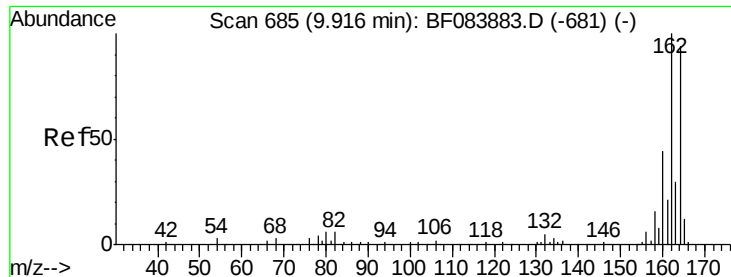
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#23
Nitrobenzene-d5
Concen: 99.09 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	43.0	34.6	51.8
54	47.9	38.4	57.6





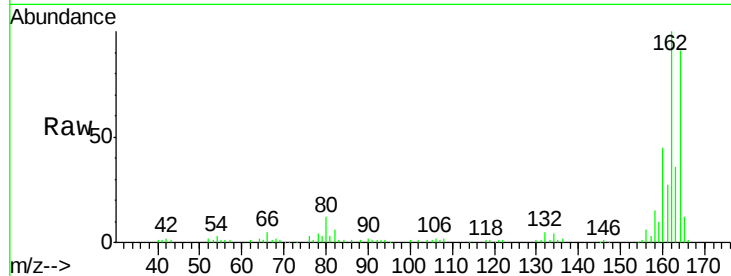
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Instrument :
BNA_F
ClientSampleId :
K202-(0-2)

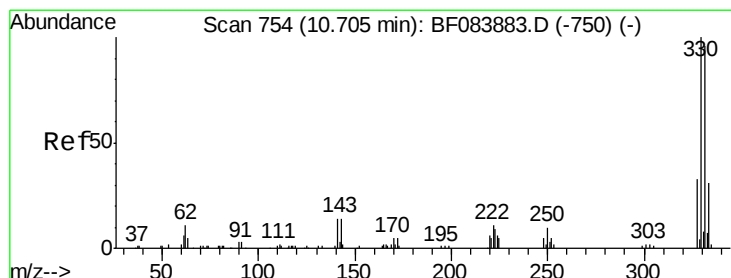
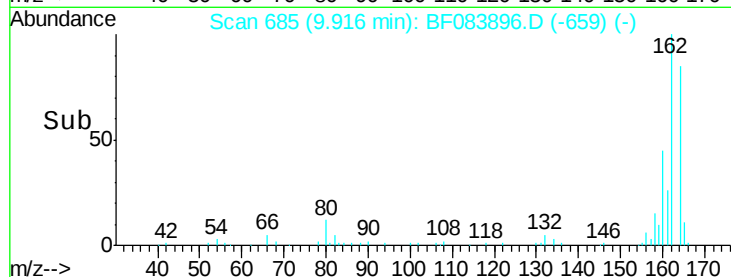
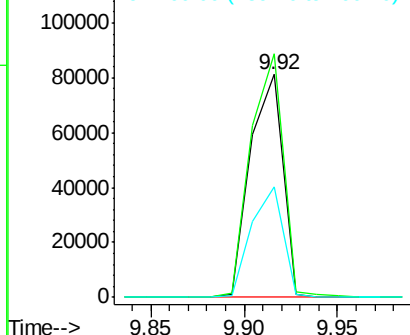
Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.4	85.1	127.7
160	49.6	37.5	56.3

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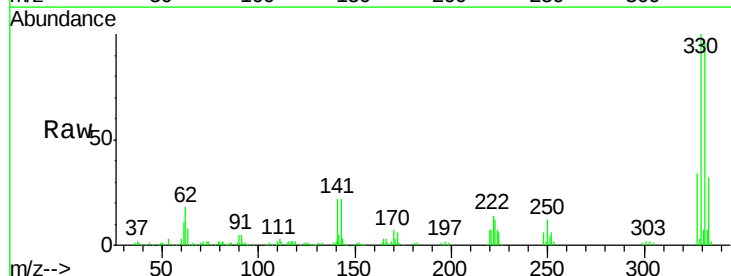


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

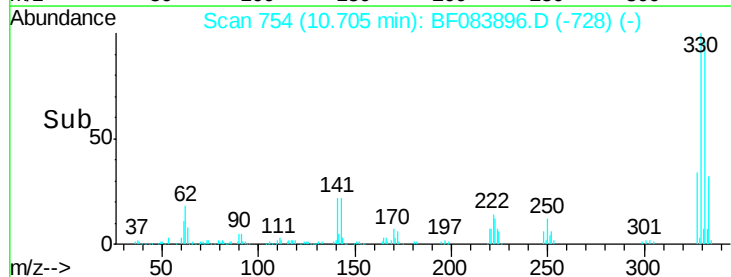
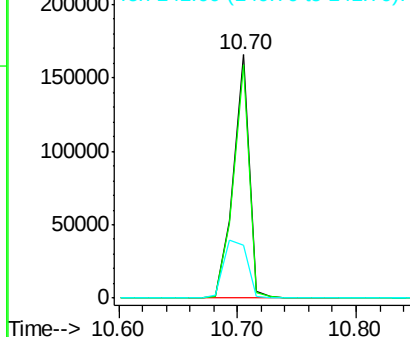


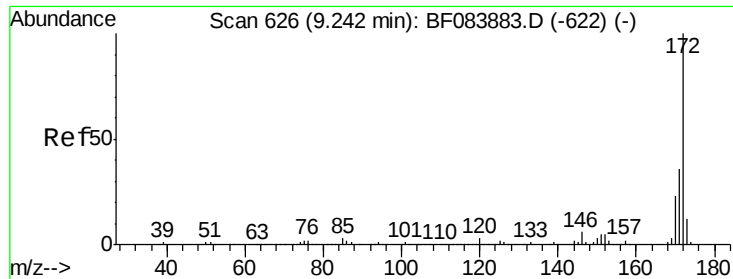
#41
2,4,6-Tribromophenol
Concen: 144.13 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	114.8
141	35.4	27.8	41.6



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





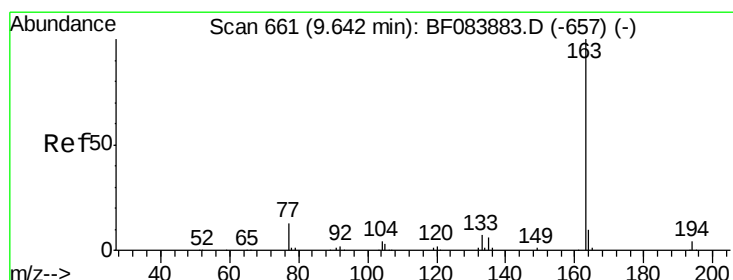
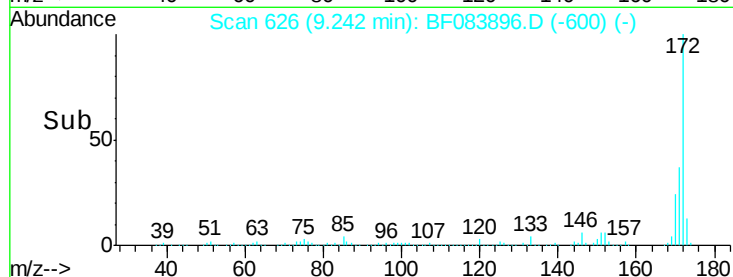
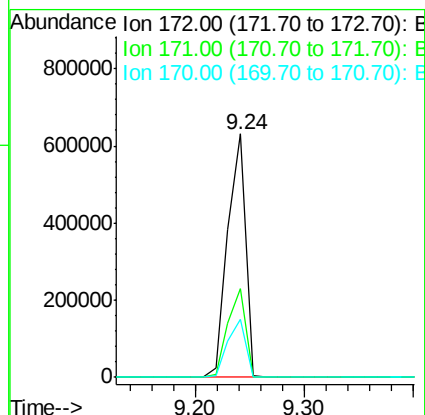
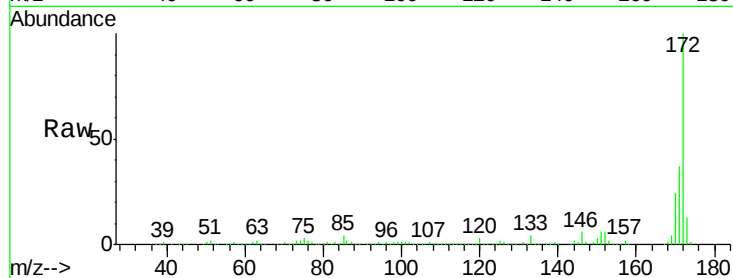
#44
2-Fluorobiphenyl
Concen: 107.38 ng
RT: 9.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

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BNA_F
ClientSampleId :
K202-(0-2)

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	36.7	28.9	43.3
170	24.0	18.6	27.8

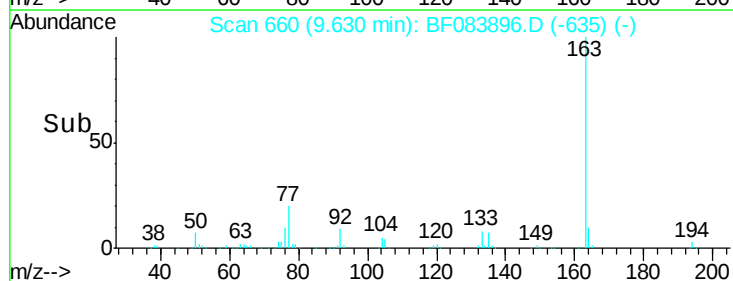
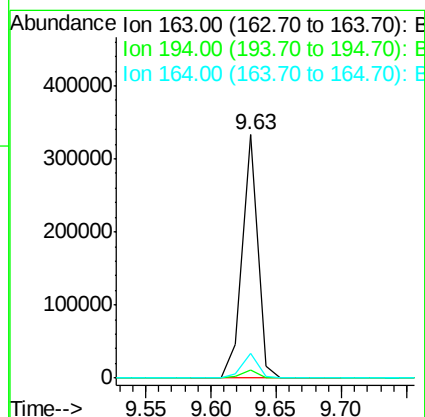
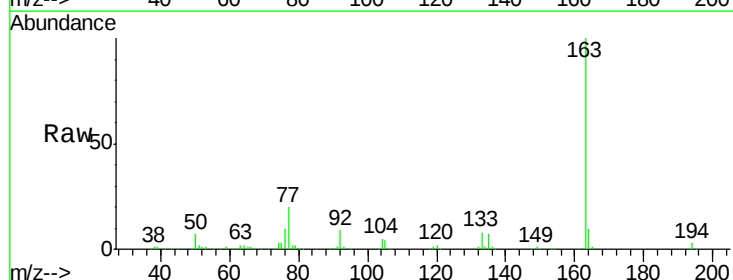
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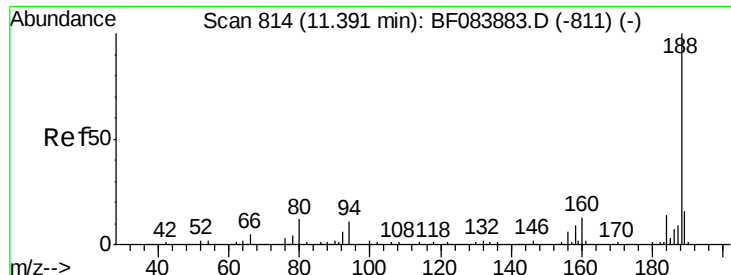
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#49
Dimethylphthalate
Concen: 33.34 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.01 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	3.0	4.6
164	10.1	7.9	11.9





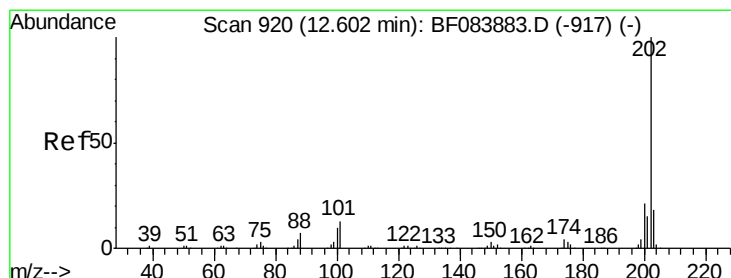
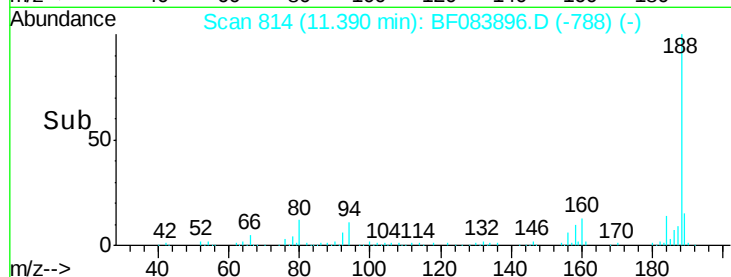
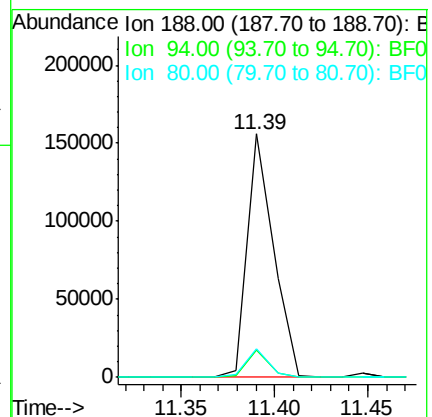
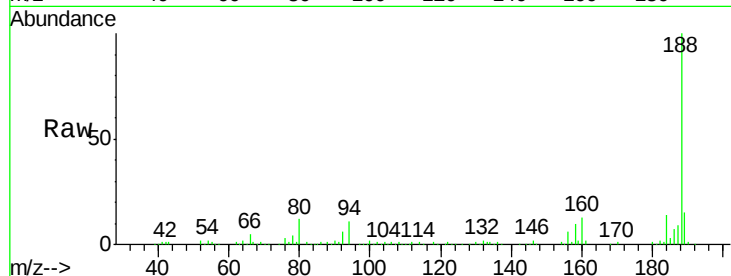
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

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Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.1	9.0	13.4
80	11.9	9.6	14.4

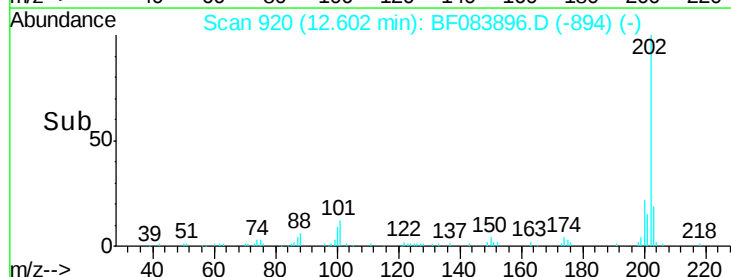
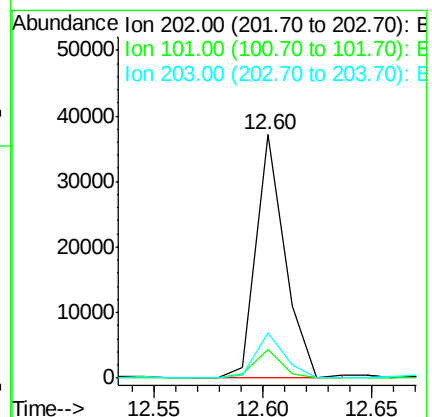
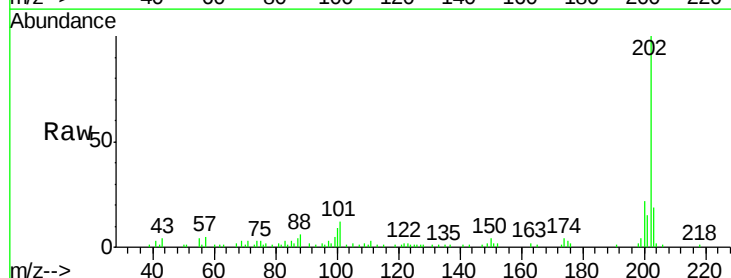
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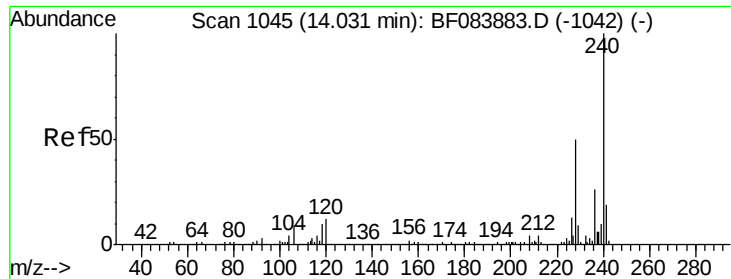
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#74
Fluoranthene
Concen: 3.68 ng
RT: 12.60 min Scan# 920
Delta R.T. -0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.9	0.0	32.8
203	18.7	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF083896.D

Acq: 18 Dec 2015 4:48

Instrument :

BNA_F

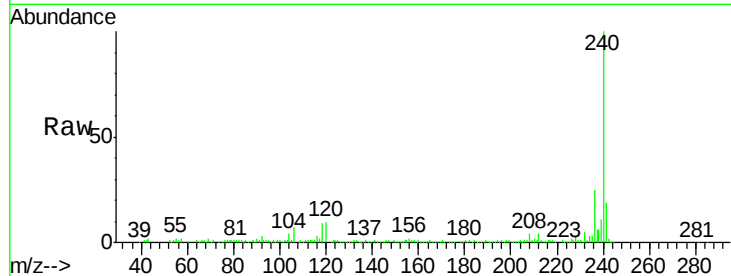
ClientSampleId :

K202-(0-2)

Tgt Ion:	240	Resp:	117794
Ion Ratio	Lower	Upper	
240	100		
120	10.0	9.5	14.3
236	24.9	20.6	31.0

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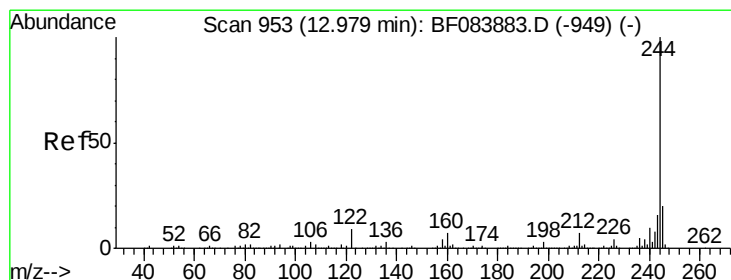
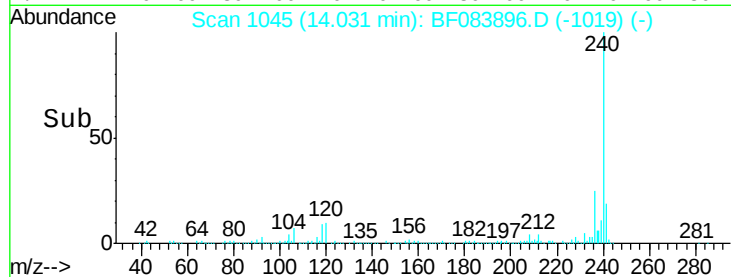
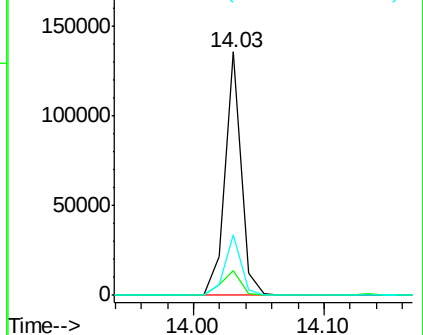
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 89.14 ng

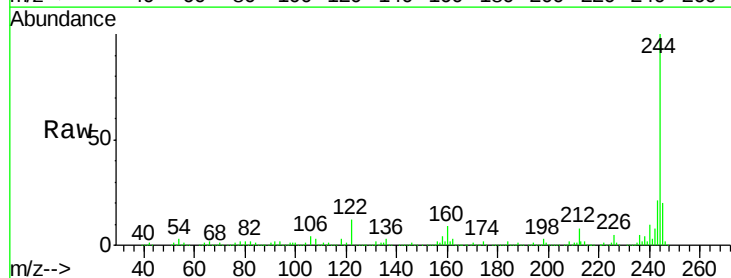
RT: 12.98 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF083896.D

Acq: 18 Dec 2015 4:48

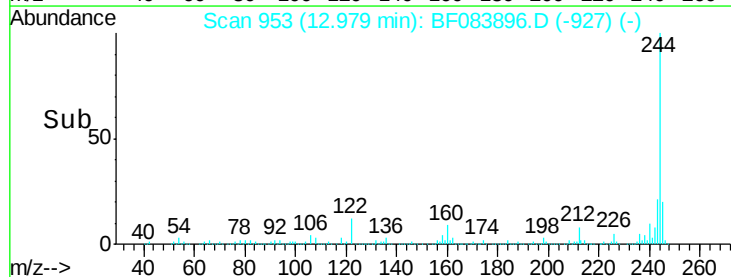
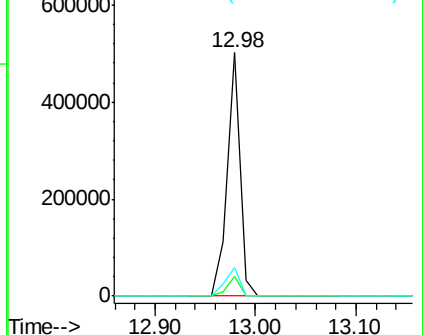
Tgt Ion:	244	Resp:	447555
Ion Ratio	Lower	Upper	
244	100		
212	8.0	5.7	8.5
122	12.0	7.4	11.0#

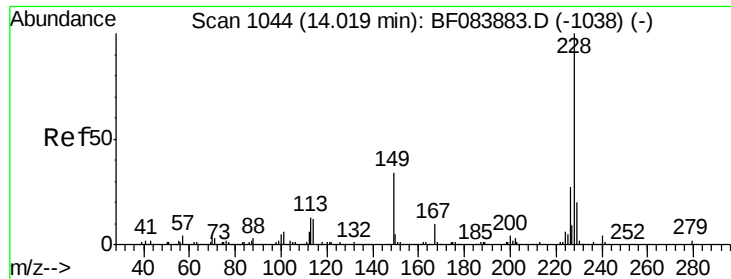


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





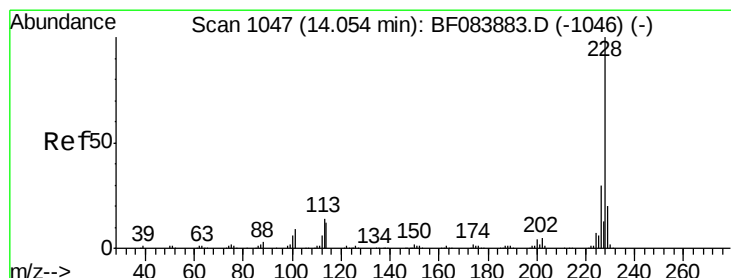
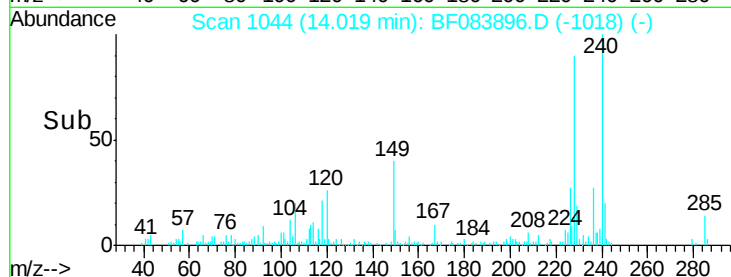
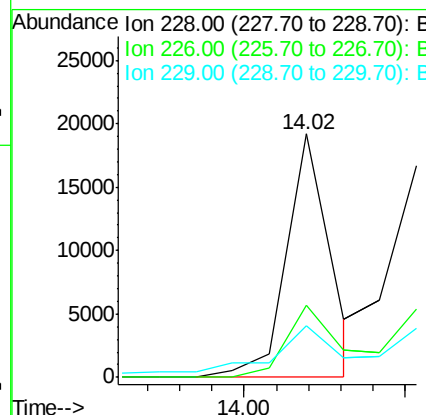
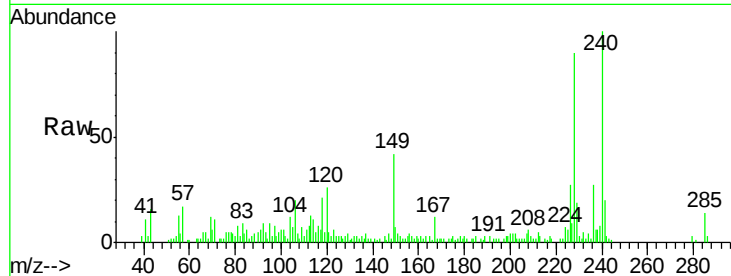
#80
Benzo(a)anthracene
Concen: 2.47 ng m
RT: 14.02 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Instrument :
BNA_F
ClientSampleId :
K202-(0-2)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.8	32.6
229	21.2	15.8	23.8

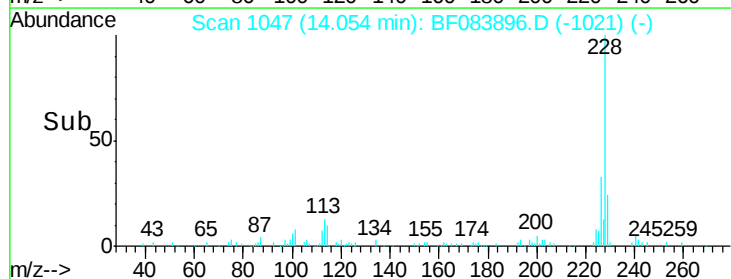
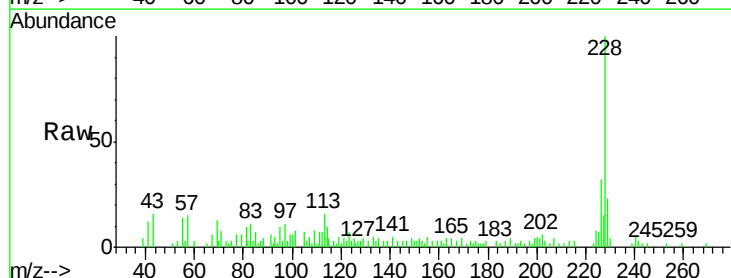
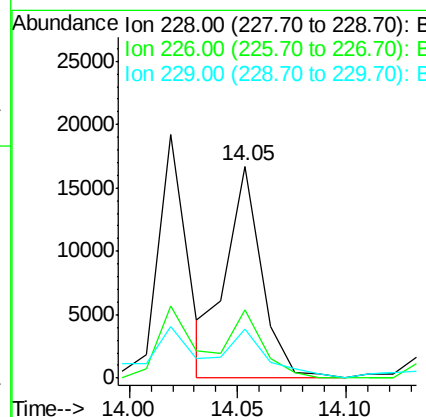
Manual Integrations
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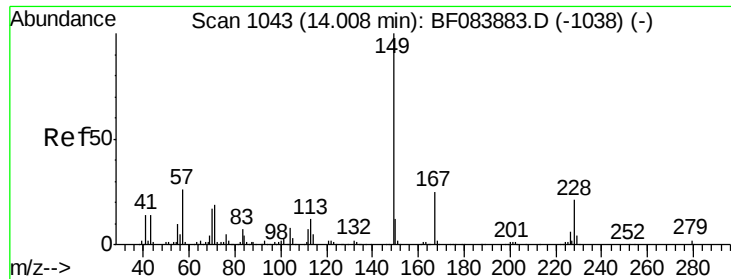
MMdadoda
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#82
Chrysene
Concen: 2.71 ng m
RT: 14.05 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BF083896.D
Acq: 18 Dec 2015 4:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.3	36.5
229	23.4	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.33 ng

RT: 14.02 min Scan# 1044

Delta R.T. 0.01 min

Lab File: BF083896.D

Acq: 18 Dec 2015 4:48

Instrument :

BNA_F

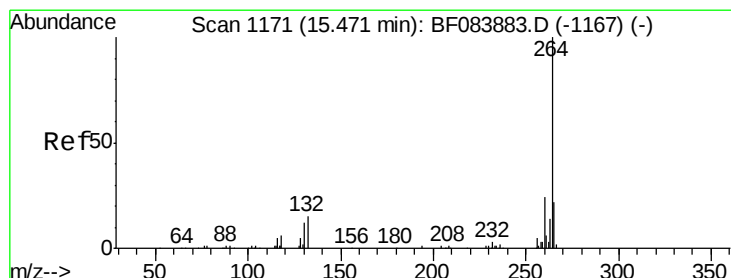
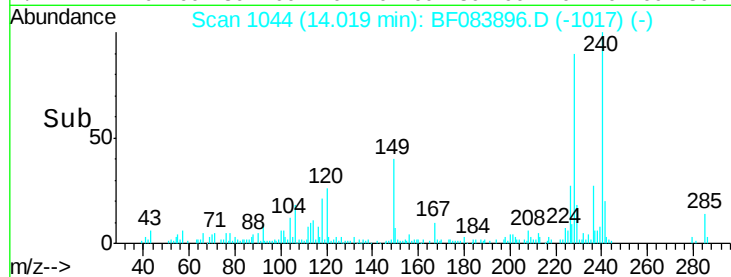
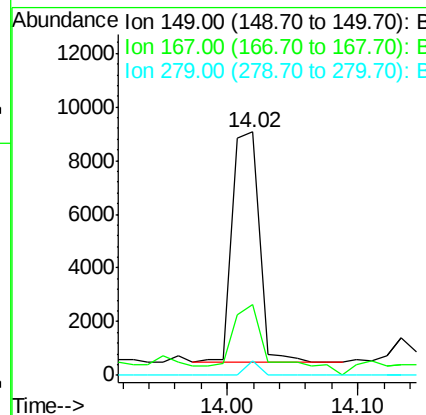
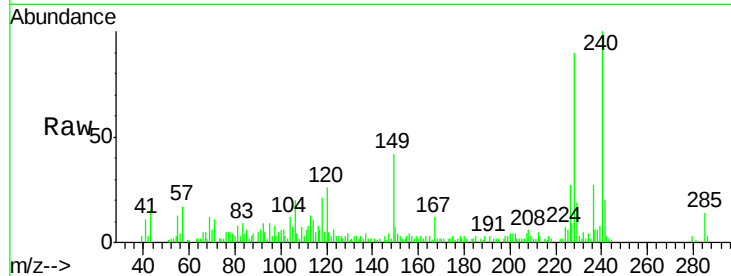
ClientSampleId :

K202-(0-2)

Tgt Ion:	149	Resp:	12201
Ion Ratio	Lower	Upper	
149	100		
167	29.2	19.7	29.5
279	6.1	1.8	2.6

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#86

Perylene-d12

Concen: 20.00 ng

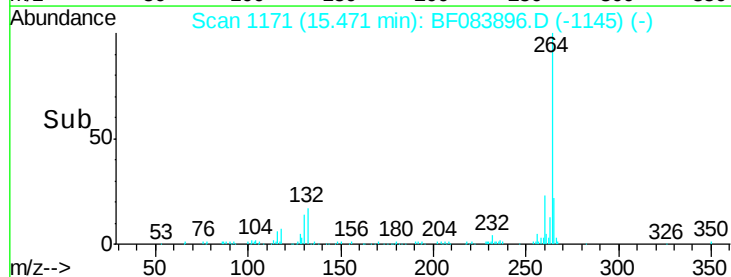
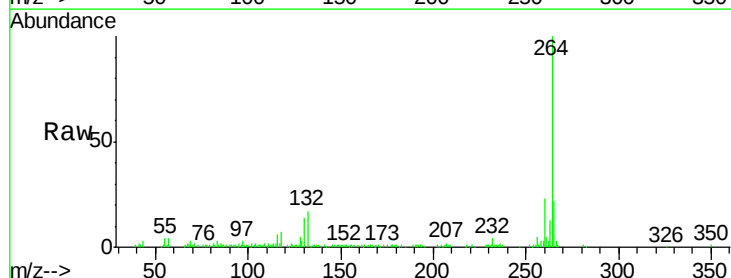
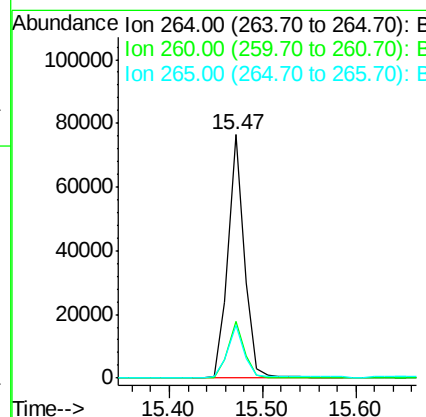
RT: 15.47 min Scan# 1171

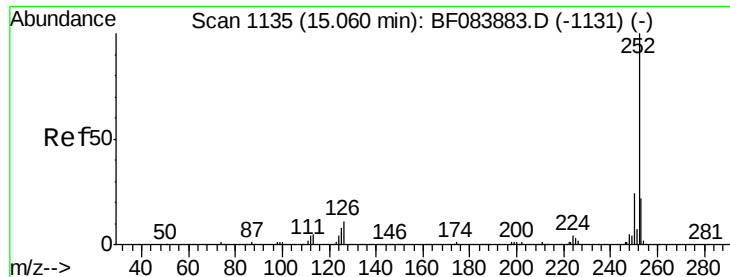
Delta R.T. -0.00 min

Lab File: BF083896.D

Acq: 18 Dec 2015 4:48

Tgt Ion:	264	Resp:	93840
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.4	29.2
265	21.8	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 3.55 ng m

RT: 15.06 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BF083896.D

Acq: 18 Dec 2015 4:48

Instrument :

BNA_F

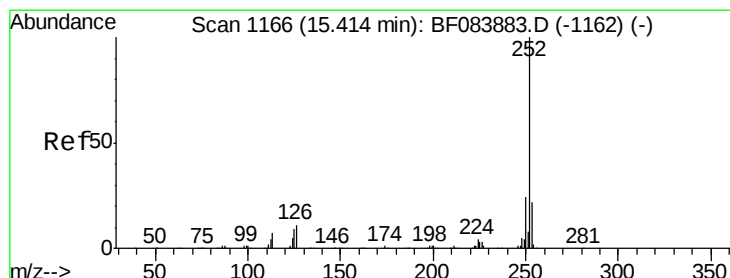
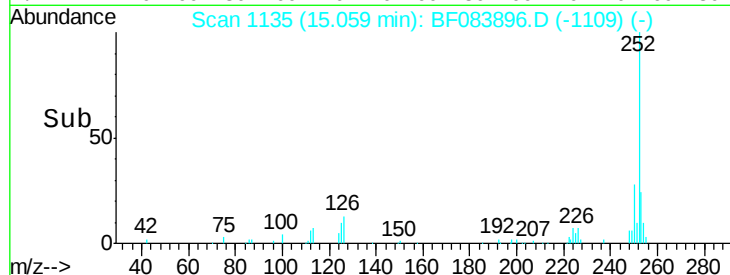
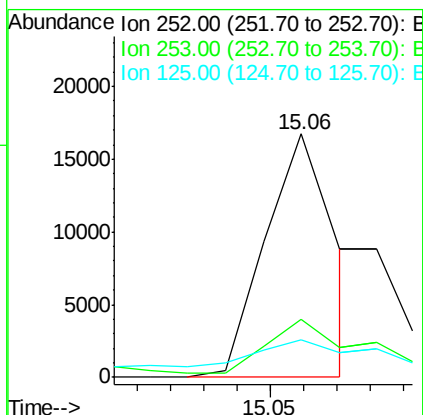
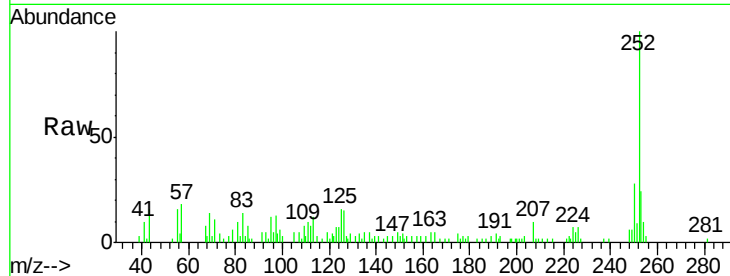
ClientSampleId :

K202-(0-2)

Tgt Ion:	252	Resp:	24311
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.3	25.9
125	15.6	6.5	9.7#

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#89

Benzo(a)pyrene

Concen: 2.66 ng

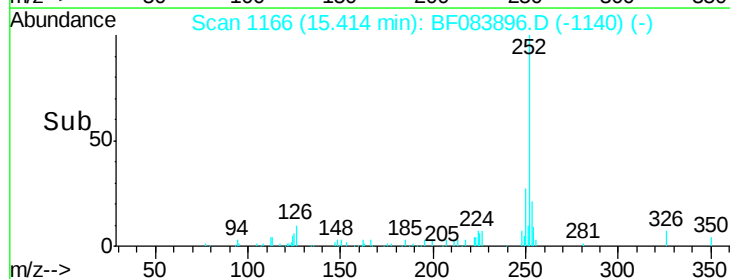
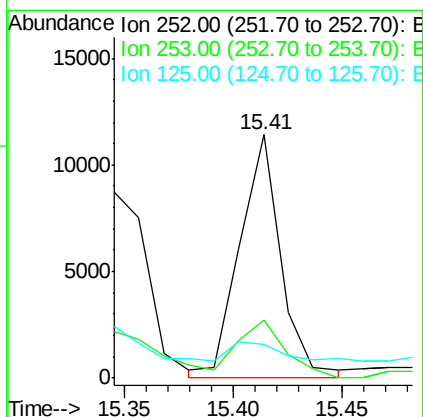
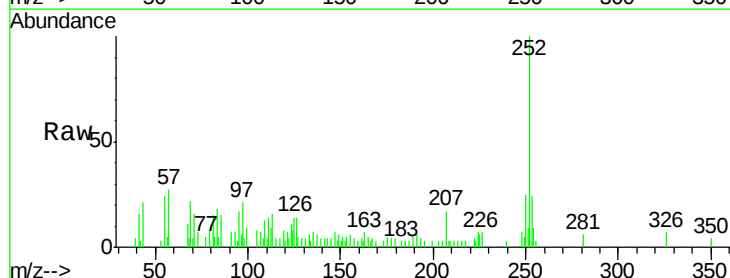
RT: 15.41 min Scan# 1166

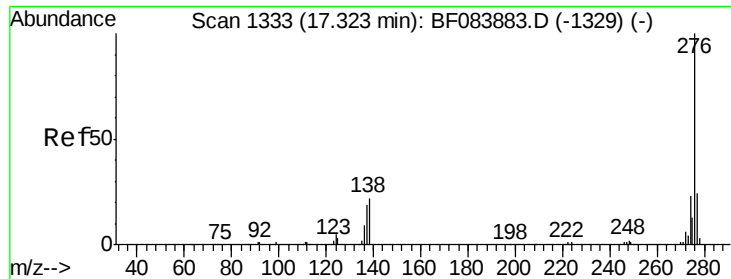
Delta R.T. -0.00 min

Lab File: BF083896.D

Acq: 18 Dec 2015 4:48

Tgt Ion:	252	Resp:	15012
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.3	25.9
125	14.0	7.0	10.4#





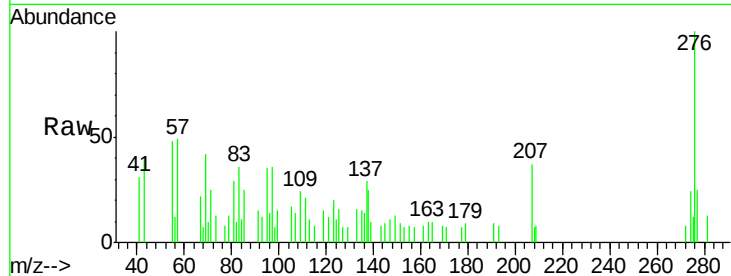
#91
 Benzo(g,h,i)perylene
 Concen: 2.49 ng
 RT: 17.33 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BF083896.D
 Acq: 18 Dec 2015 4:48

Instrument :
 BNA_F
 ClientSampleId :
 K202-(0-2)

Tgt Ion:	276	Resp:	10707
Ion Ratio		Lower	Upper
276	100		
277	25.2	18.8	28.2
138	25.3	17.8	26.6

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

