

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
 Data File : BF086485.D
 Acq On : 29 Apr 2016 2:24
 Operator : UM/SJ
 Sample : H2654-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-15(6-12FTBGS)

Manual Integrations
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Quant Time: Apr 29 06:58:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	146453	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	627963	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	259545	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	438132	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	321610	20.00	ng	-0.02
86) Perylene-d12	15.35	264	301274	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	985095	116.02	ng	0.00
7) Phenol-d6	6.43	99	1260851	106.40	ng	-0.01
23) Nitrobenzene-d5	7.36	82	829796	71.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	227755	83.21	ng	-0.02
44) 2-Fluorobiphenyl	9.16	172	1307676	89.09	ng	-0.01
78) Terphenyl-d14	12.90	244	923493	63.26	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.55	163	246063	12.59	ng	99
70) Phenanthrene	11.33	178	48278	2.10	ng	98
74) Fluoranthene	12.52	202	70633	3.04	ng	91
77) Pyrene	12.74	202	64990	2.80	ng	97
80) Benzo(a)anthracene	13.93	228	39902	2.33	ng	94
87) Benzo(b)fluoranthene	14.95	252	36776m	2.07	ng	

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

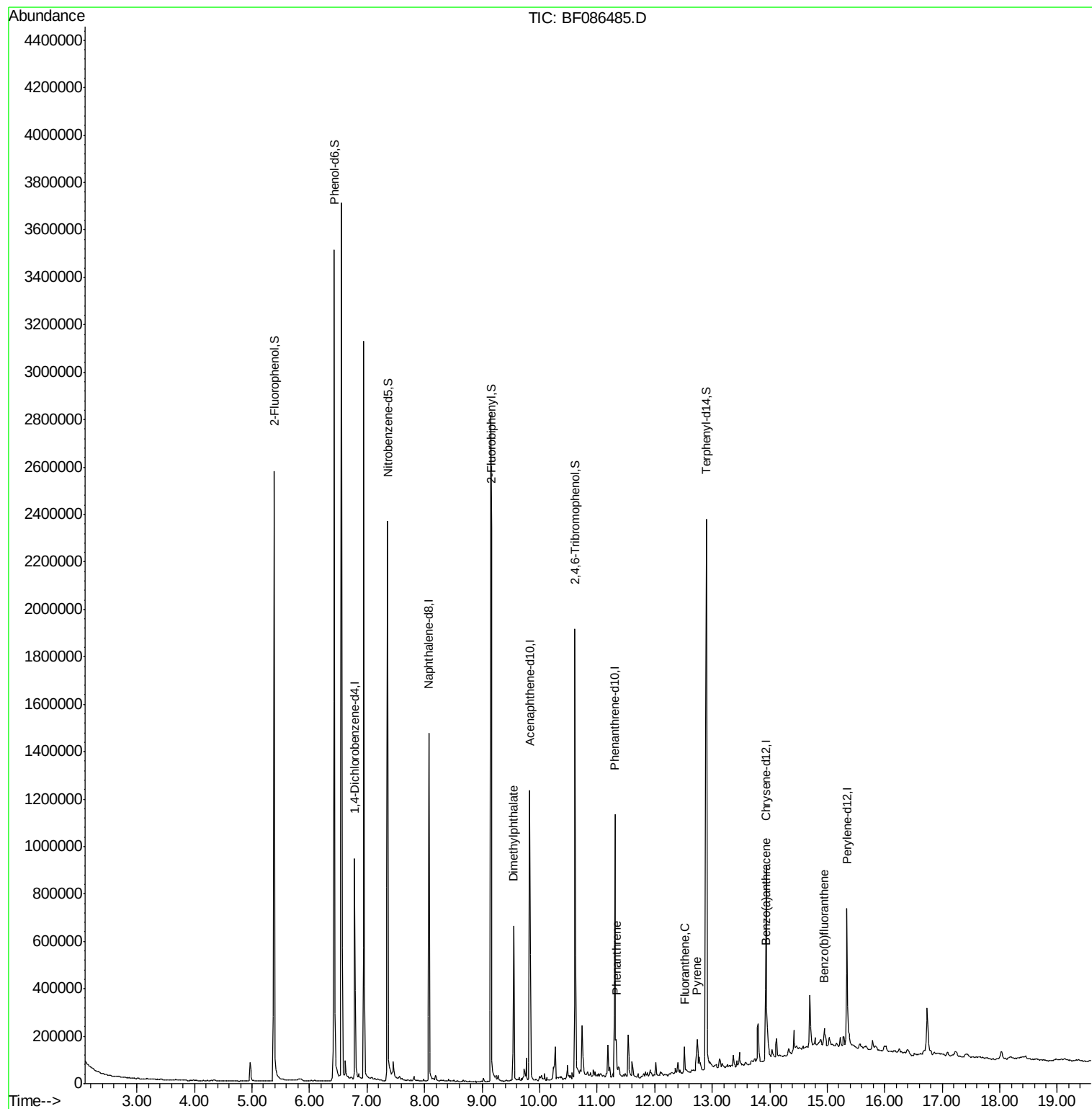
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\
Data File : BF086485.D
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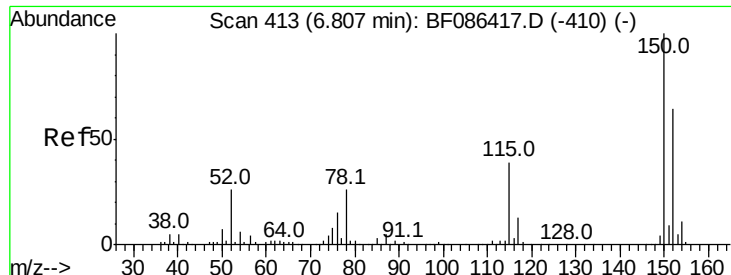
Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-15(6-12FTBGS)

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Quant Time: Apr 29 06:58:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF086485.D

Acq: 29 Apr 2016 2:24

Instrument :

BNA_F

ClientSampleId :

26WARD-2A-CS-15(6-12FTBGS)

Tot Ion:152 Resp: 146453

Ion Ratio Lower Upper

152 100

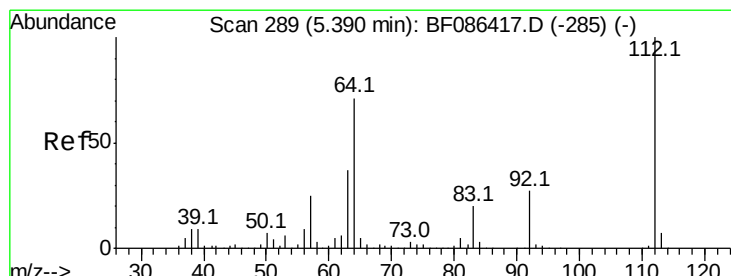
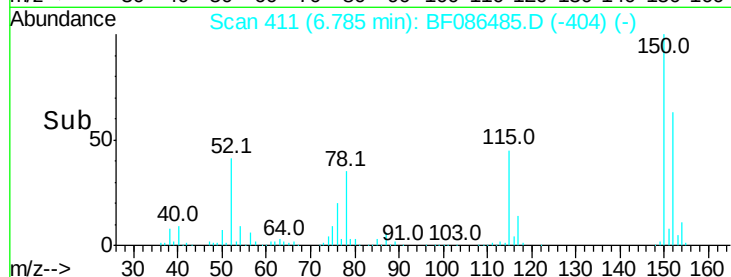
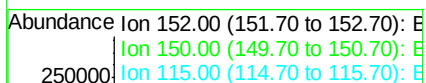
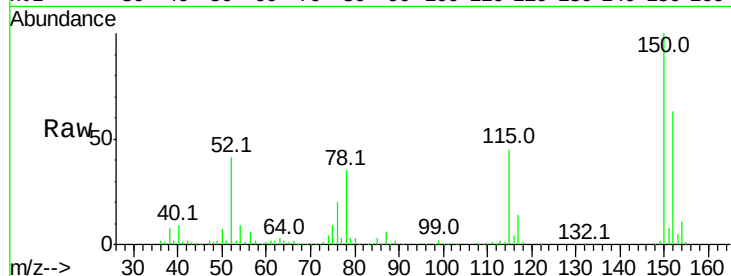
150 159.0 125.8 188.6

115 71.9 51.5 77.3

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#5

2-Fluorophenol

Concen: 116.02 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF086485.D

Acq: 29 Apr 2016 2:24

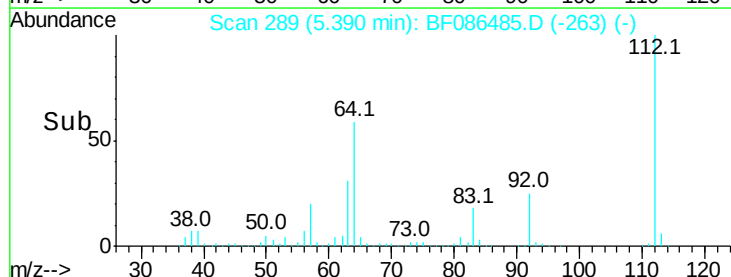
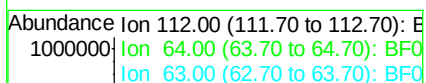
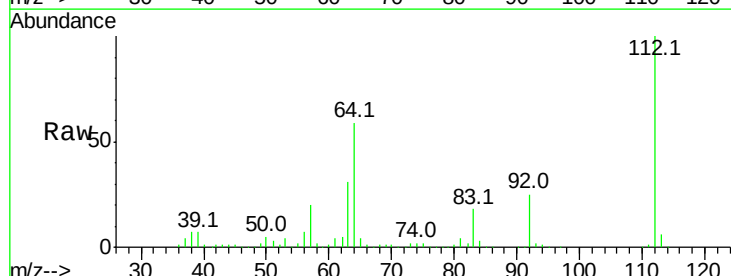
Tgt Ion:112 Resp: 985095

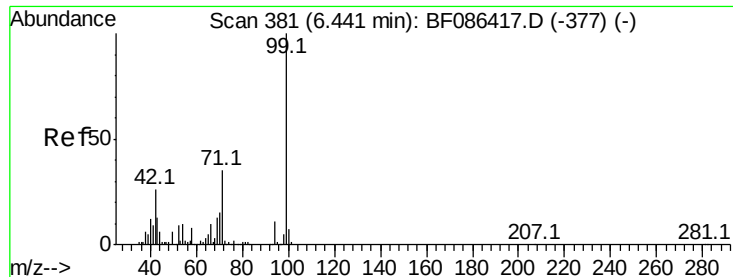
Ion Ratio Lower Upper

112 100

64 58.8 52.1 78.1

63 30.6 25.7 38.5





#7

Phenol-d6

Concen: 106.40 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086485.D

Acq: 29 Apr 2016 2:24

Instrument :

BNA_F

ClientSampleId :

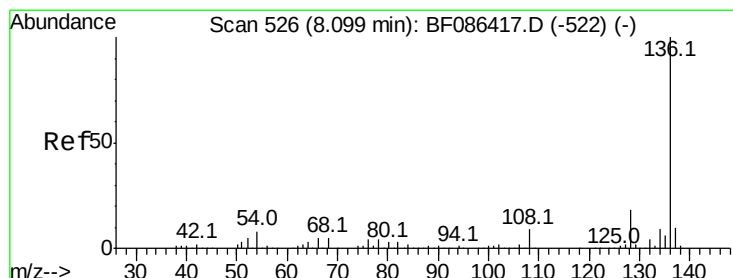
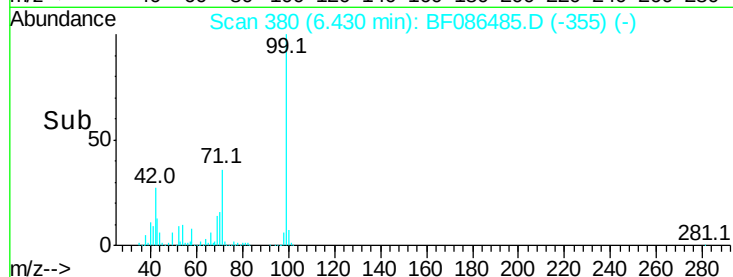
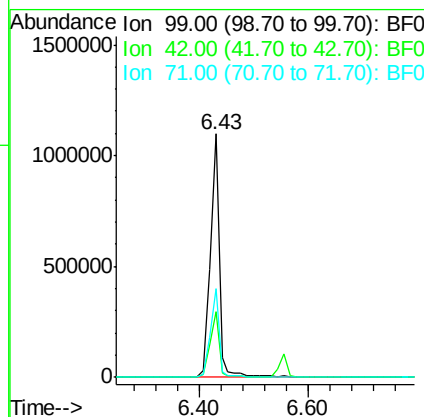
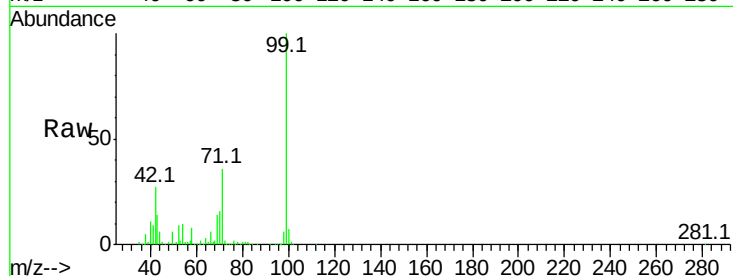
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Tot Ion	99	Resp	1260851
Ion	Ratio	Lower	Upper
99	100		
42	27.1	13.6	20.4#
71	36.4	24.6	36.8



#21

Naphthalene-d8

Concen: 20.00 ng

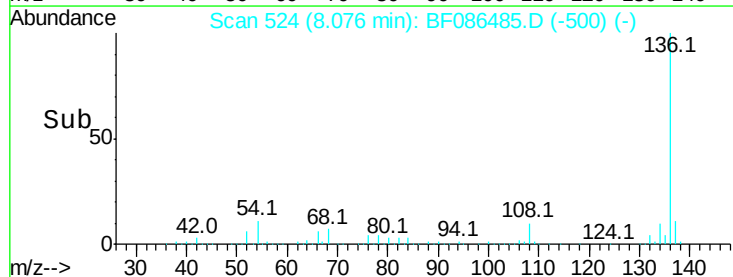
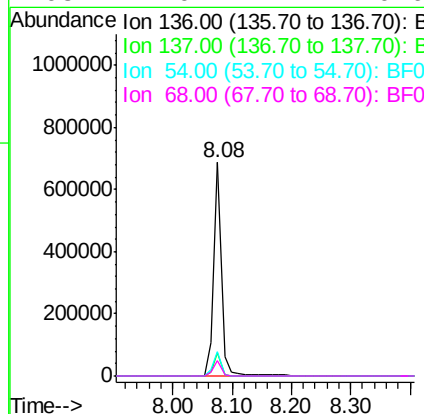
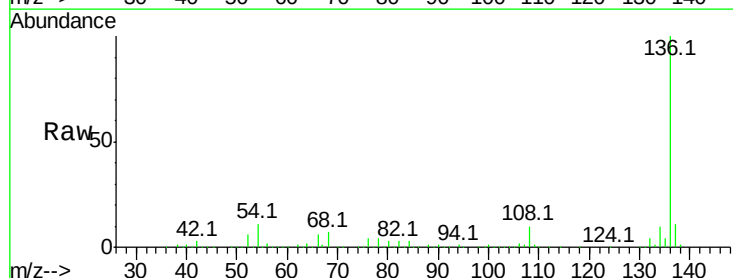
RT: 8.08 min Scan# 524

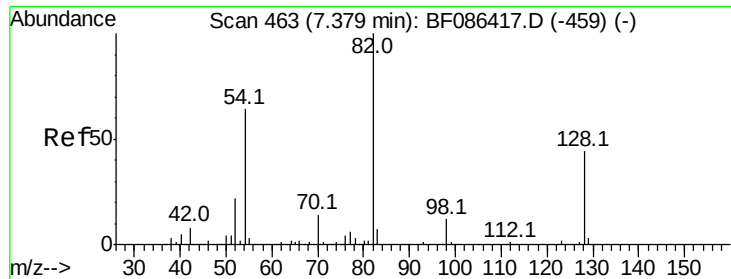
Delta R.T. -0.02 min

Lab File: BF086485.D

Acq: 29 Apr 2016 2:24

Tgt Ion	136	Resp	627963
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	11.5	5.0	7.4#
68	7.0	4.4	6.6#





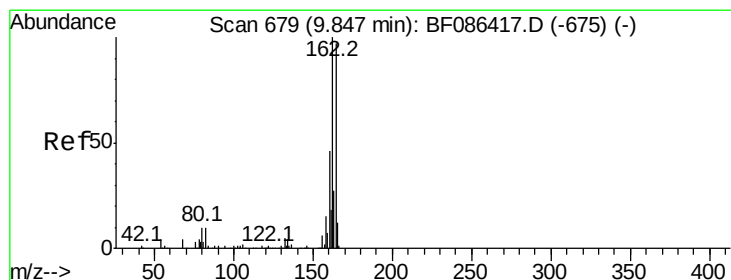
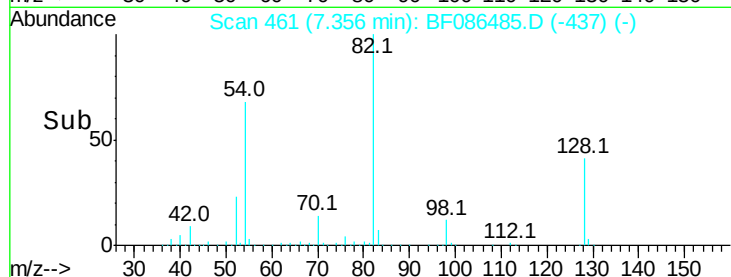
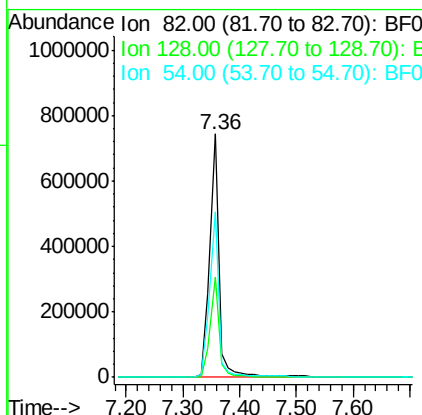
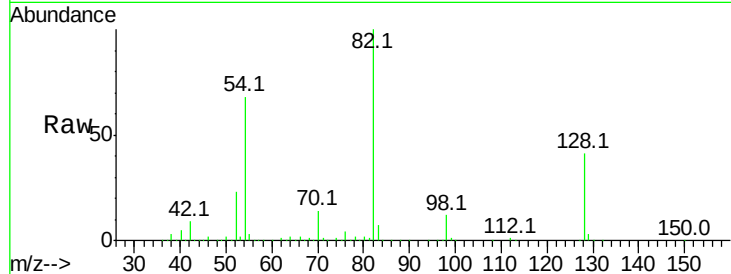
#23
 Nitrobenzene-d5
 Concen: 71.23 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF086485.D
 Acq: 29 Apr 2016 2:24

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-15(6-12FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.2	40.6	61.0	
54	68.1	38.1	57.1	

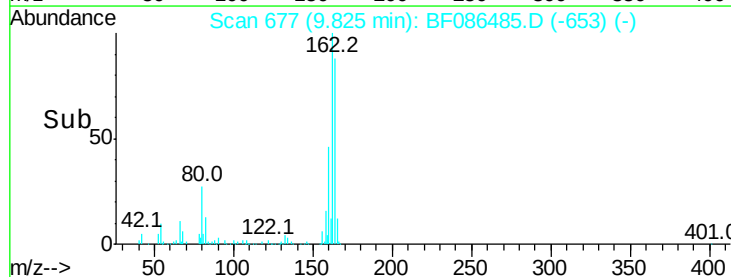
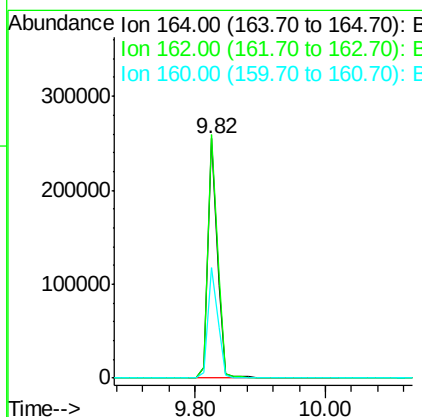
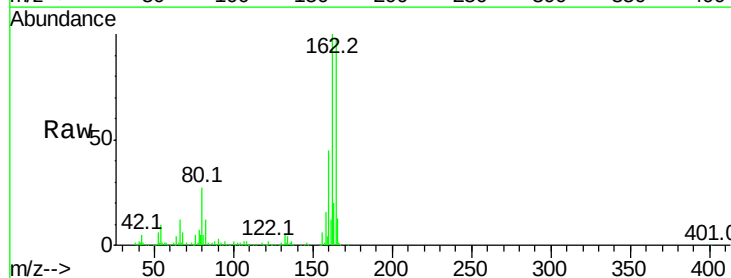
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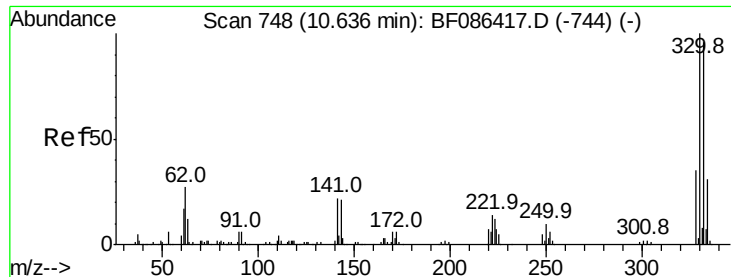
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF086485.D
 Acq: 29 Apr 2016 2:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.8	82.8	124.2	
160	46.0	36.9	55.3	





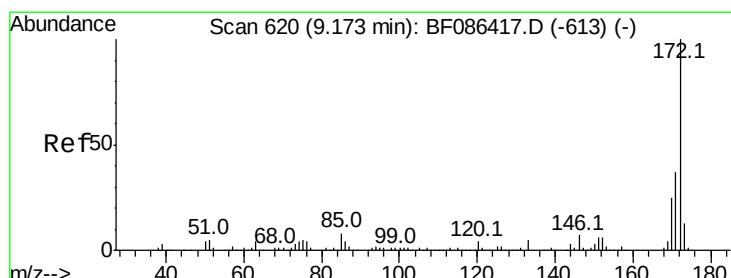
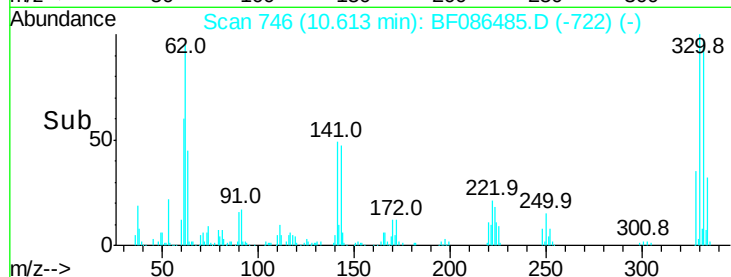
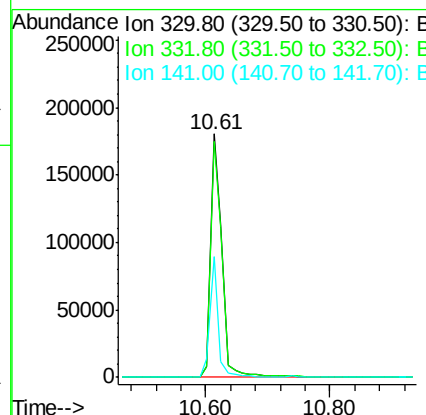
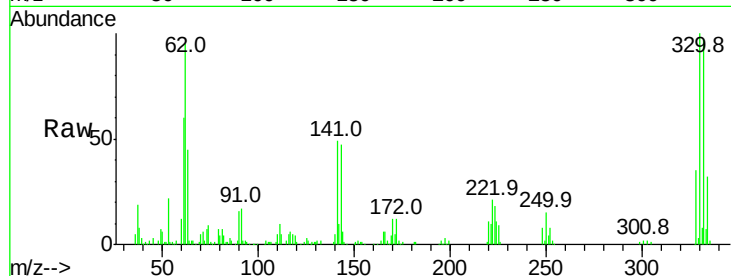
#41
 2,4,6-Tribromophenol
 Concen: 83.21 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF086485.D
 Acq: 29 Apr 2016 2:24

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-15(6-12FTBGS)

Tot Ion	Ratio	Resp	Lower	Upper
330	100	227755		
332	97.8	79.0	118.4	
141	37.2	31.2	46.8	

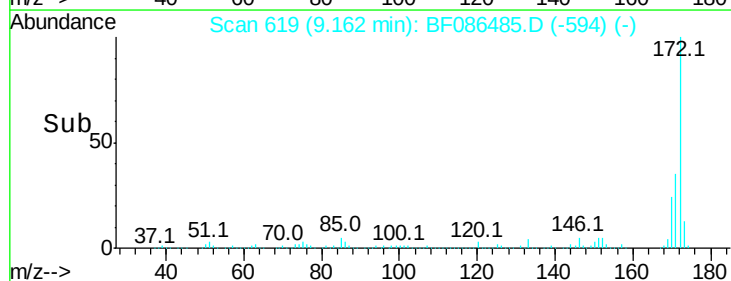
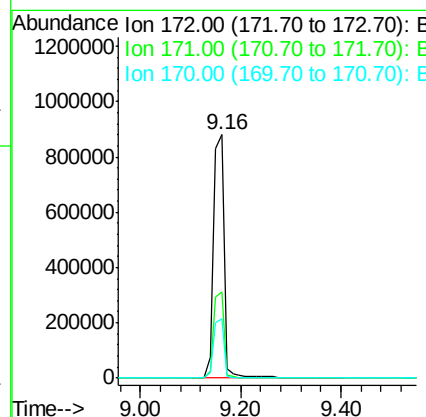
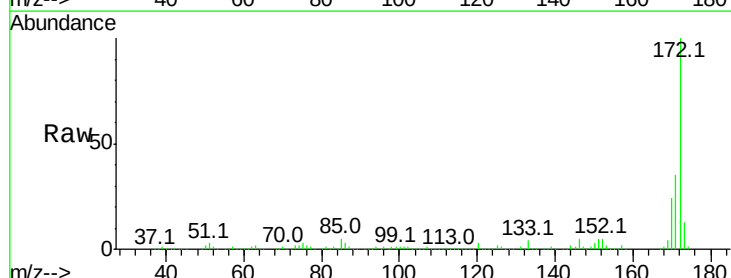
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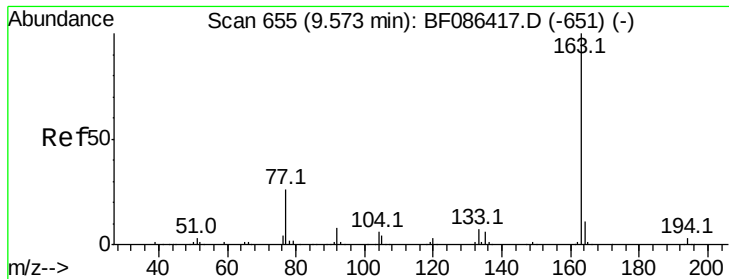
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#44
 2-Fluorobiphenyl
 Concen: 89.09 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF086485.D
 Acq: 29 Apr 2016 2:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1307676		
171	35.5	29.0	43.6	
170	24.3	19.8	29.8	





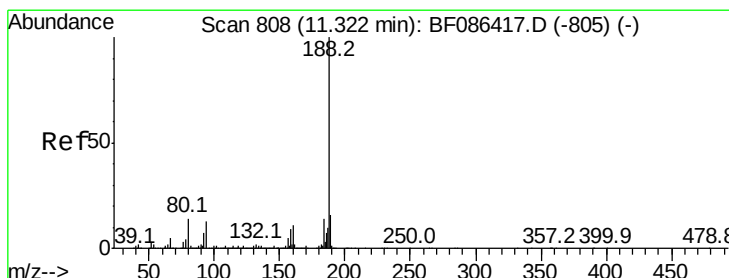
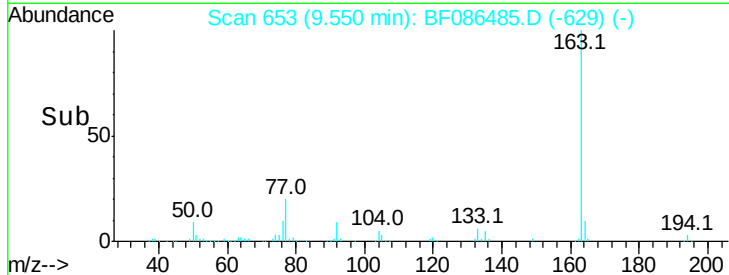
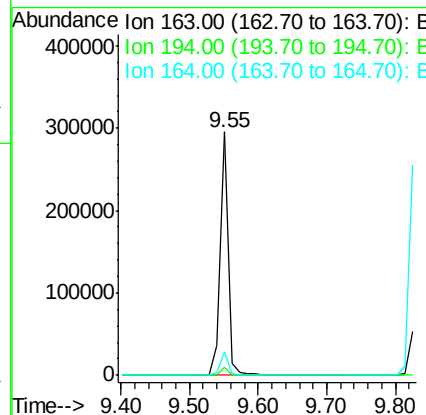
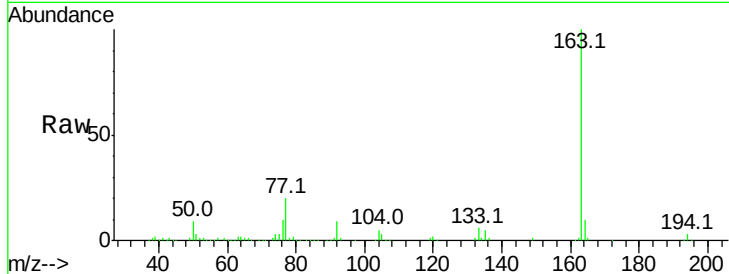
#49
Dimethylphthalate
Concen: 12.59 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF086485.D
Acq: 29 Apr 2016 2:24

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-15(6-12FTBGS)

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.2	2.6	4.0
164	9.9	8.2	12.4

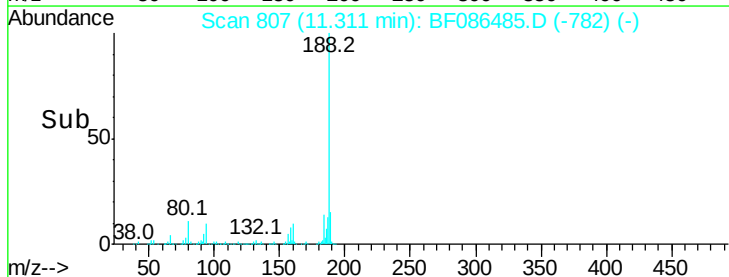
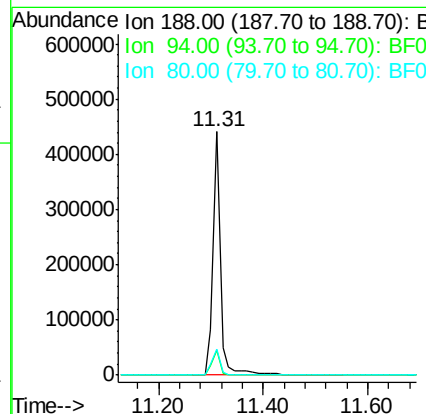
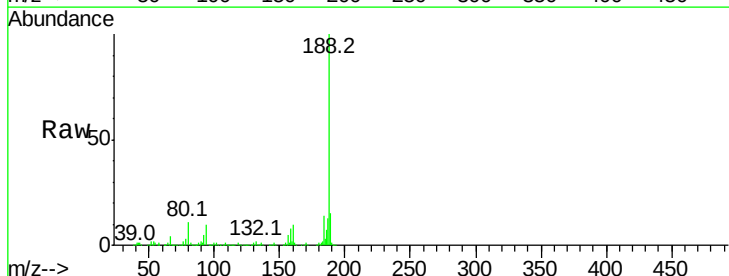
Manual Integrations
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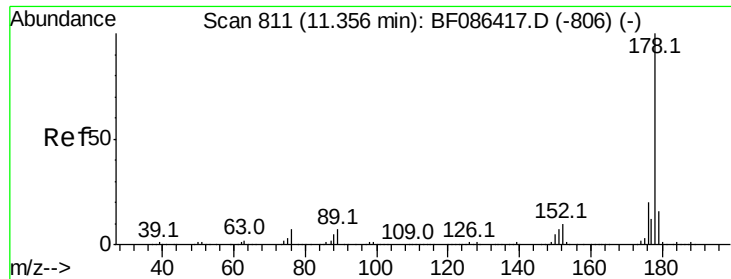
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF086485.D
Acq: 29 Apr 2016 2:24

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	10.1	6.8	10.2
80	10.7	7.1	10.7#





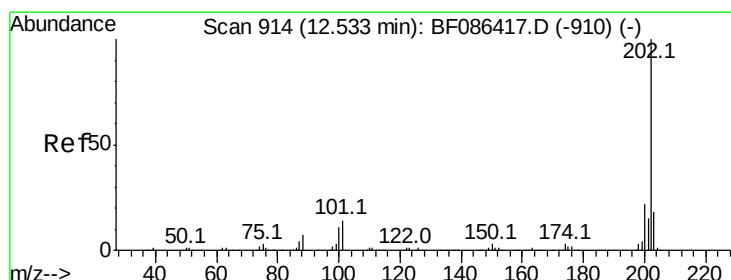
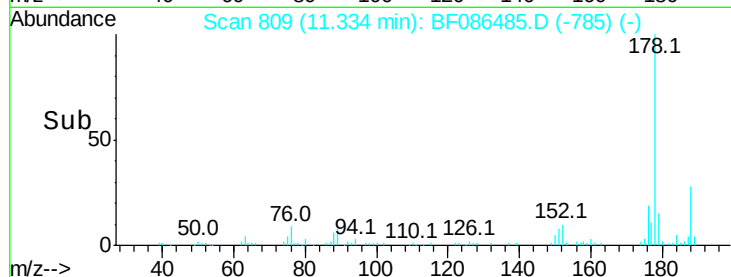
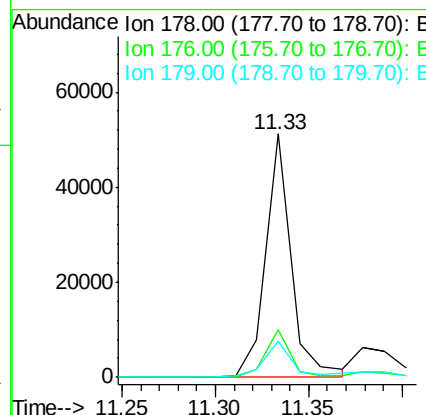
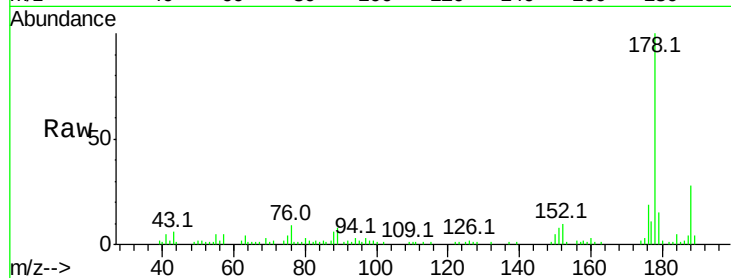
#70
 Phenanthrene
 Concen: 2.10 ng
 RT: 11.33 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BF086485.D
 Acq: 29 Apr 2016 2:24

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-15(6-12FTBGS)

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.0	24.0
179	14.7	12.6	18.8

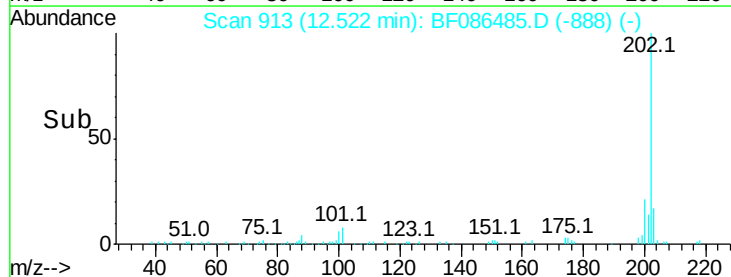
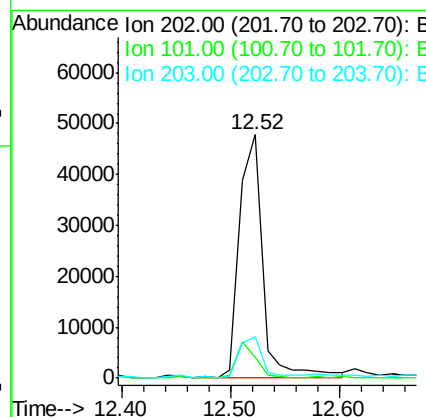
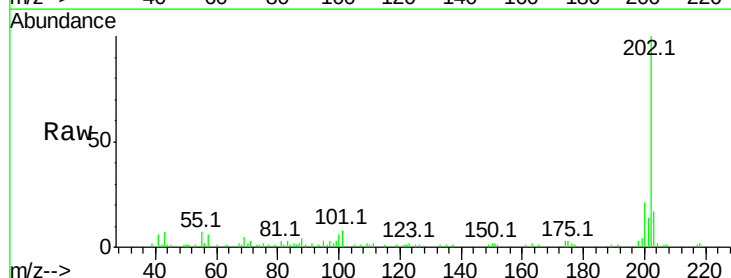
Manual Integrations
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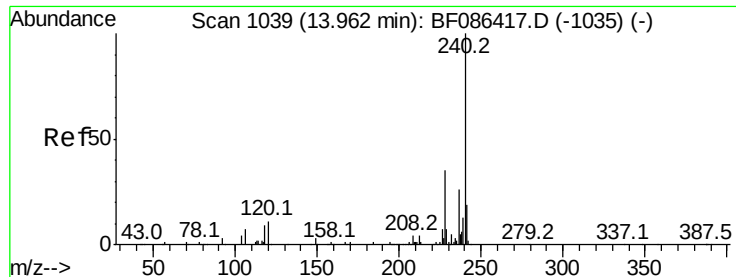
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#74
 Fluoranthene
 Concen: 3.04 ng
 RT: 12.52 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF086485.D
 Acq: 29 Apr 2016 2:24

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	35.4
203	16.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF086485.D

Acq: 29 Apr 2016 2:24

Instrument :

BNA_F

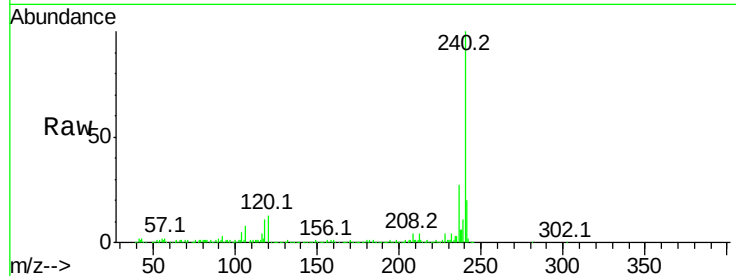
ClientSampleId :

26WARD-2A-CS-15(6-12FTBGS)

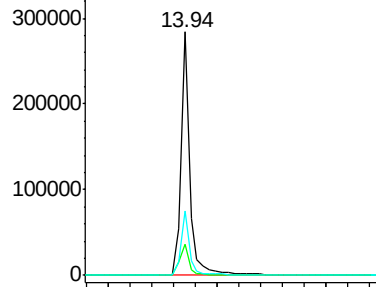
Tot Ion:	240	Resp:	321610
Ion Ratio	Lower	Upper	
240	100		
120	12.7	11.2	16.8
236	26.5	21.2	31.8

Manual Integrations
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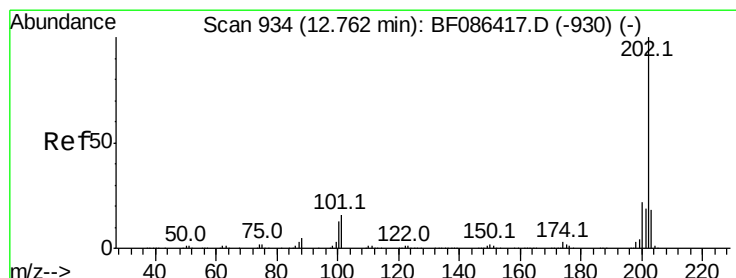
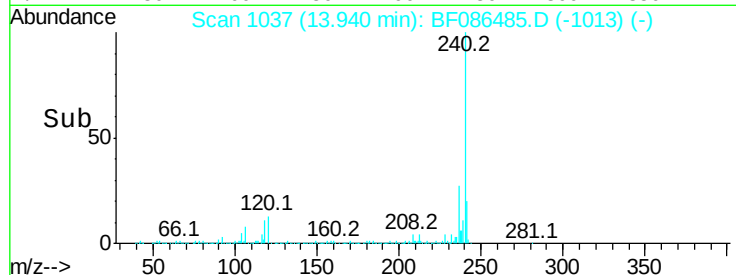
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Pyrene

Concen: 2.80 ng

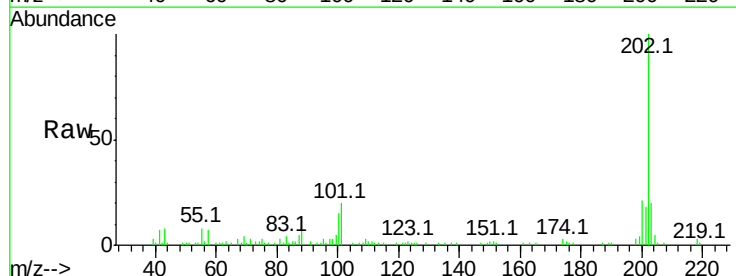
RT: 12.74 min Scan# 932

Delta R.T. -0.02 min

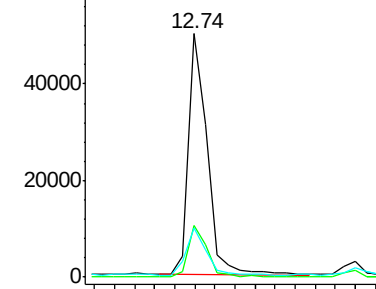
Lab File: BF086485.D

Acq: 29 Apr 2016 2:24

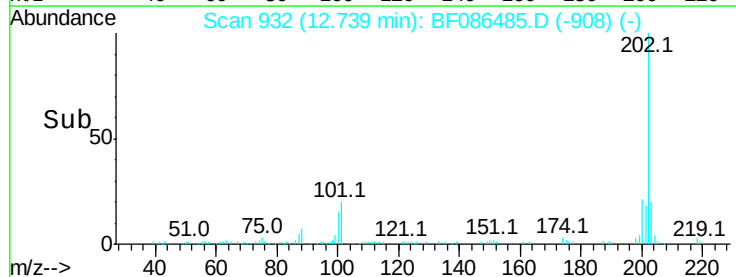
Tgt Ion:	202	Resp:	64990
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.7	26.5
203	20.3	14.2	21.4

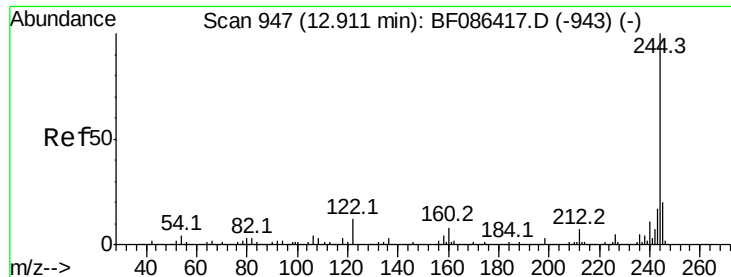


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





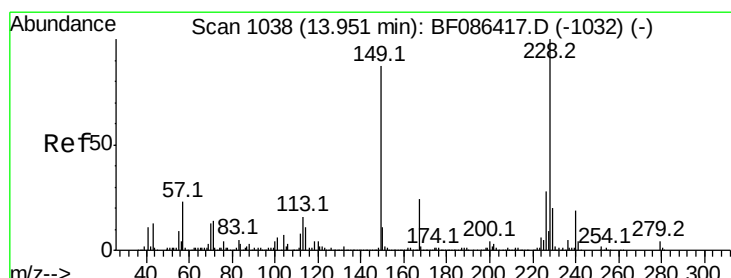
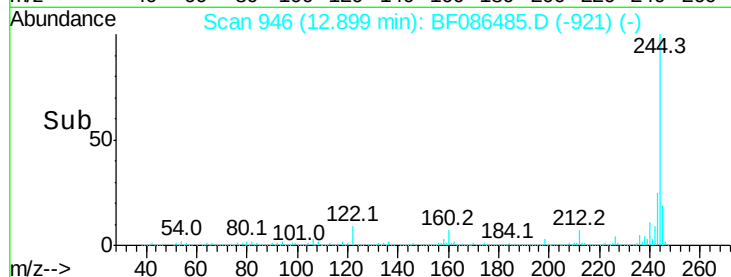
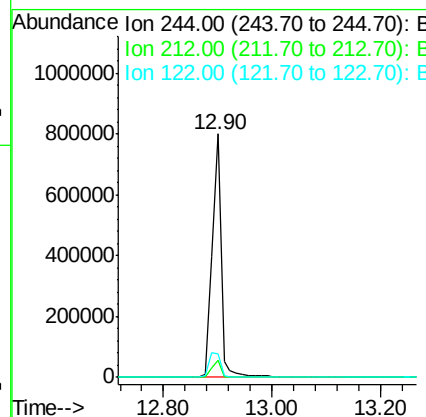
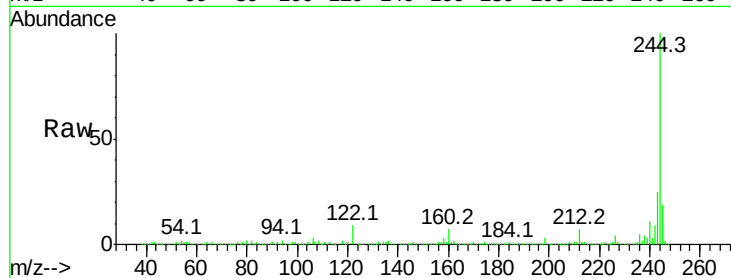
#78
 Terphenyl-d14
 Concen: 63.26 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.01 min
 Lab File: BF086485.D
 Acq: 29 Apr 2016 2:24

Instrument :
 BNA_F
 ClientSampleId :
 26WARD-2A-CS-15(6-12FTBGS)

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	9.5	12.0	18.0#

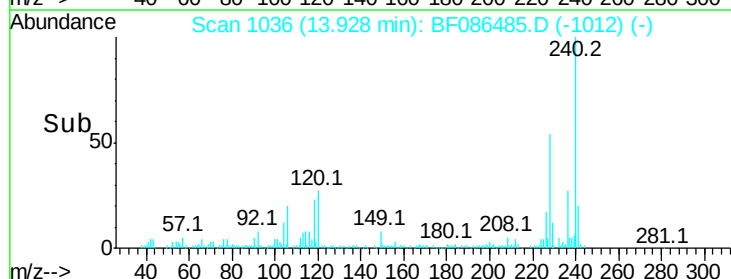
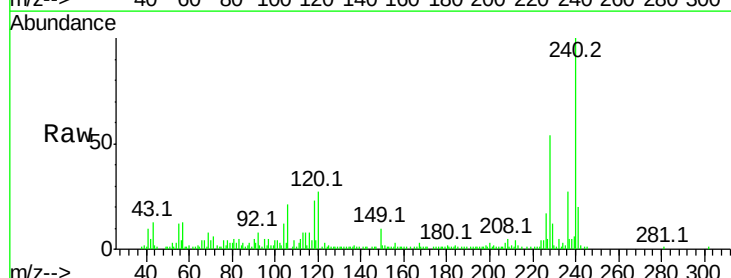
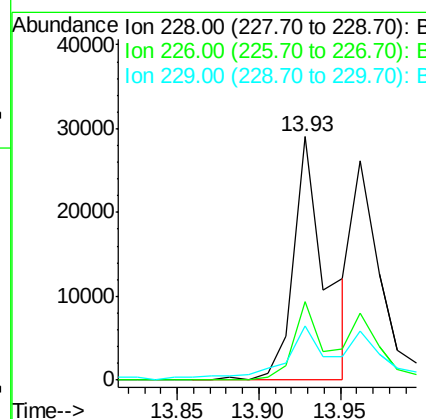
Manual Integrations
 APPROVED

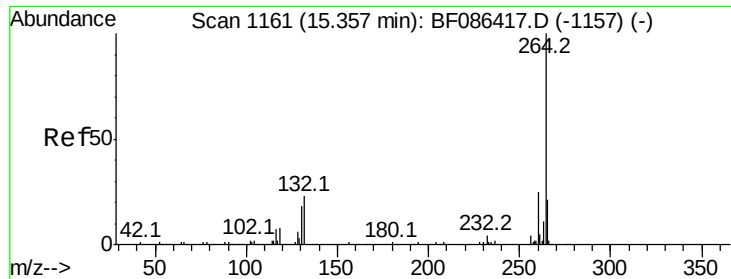
sohil
 4/29/2016 4:52:55 PM



#80
 Benzo(a)anthracene
 Concen: 2.33 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.02 min
 Lab File: BF086485.D
 Acq: 29 Apr 2016 2:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.2	22.5	33.7
229	22.4	16.6	25.0





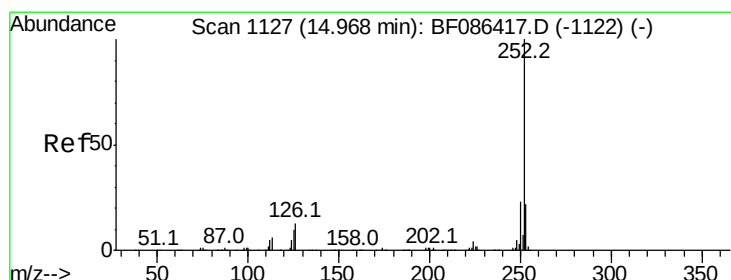
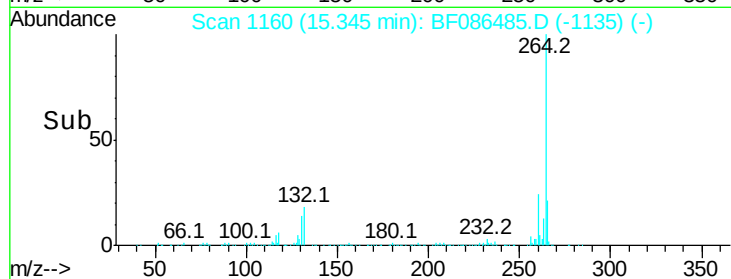
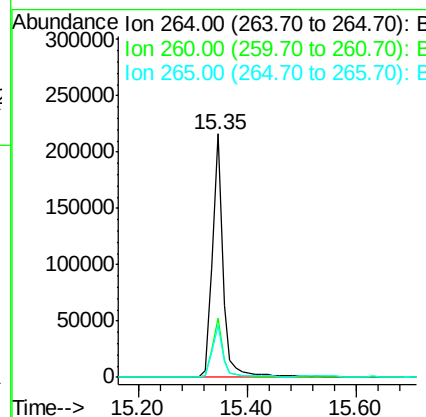
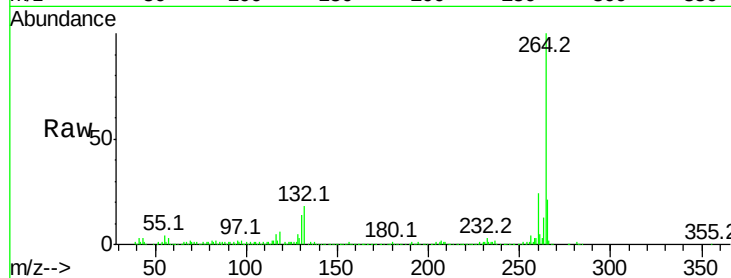
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF086485.D
Acq: 29 Apr 2016 2:24

Instrument :
BNA_F
ClientSampleId :
26WARD-2A-CS-15(6-12FTBGS)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.0	17.3	25.9

Manual Integrations
APPROVED

sohil
4/29/2016 4:52:55 PM



#87
Benzo(b)fluoranthene
Concen: 2.07 ng m
RT: 14.95 min Scan# 1125
Delta R.T. -0.02 min
Lab File: BF086485.D
Acq: 29 Apr 2016 2:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.6
125	17.1	11.4	17.0#

