

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110209.D
 Acq On : 26 Oct 2018 15:02
 Operator : JU/SJ
 Sample : J5621-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-SED-02

Manual Integrations
 APPROVED

Sohil

10/29/2018 11:56:38 AM

Quant Time: Oct 26 23:45:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	141523	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	557814	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	238092	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	370723	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	259366	20.00	ng	-0.01
87) Perylene-d12	15.68	264	188190	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	796981	91.71	ng	0.00
7) Phenol-d6	6.59	99	1013640	91.19	ng	-0.01
23) Nitrobenzene-d5	7.53	82	624044	66.36	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	181335	76.89	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1047710	69.10	ng	-0.01
79) Terphenyl-d14	13.09	244	717099	57.50	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	151508	12.751	ng	Qvalue # 64
50) Dimethylphthalate	9.72	163	142652	8.117	ng	98
78) Pyrene	12.95	202	38351	2.063	ng	98
88) Benzo(b)fluoranthene	15.22	252	21896m	2.015	ng	

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

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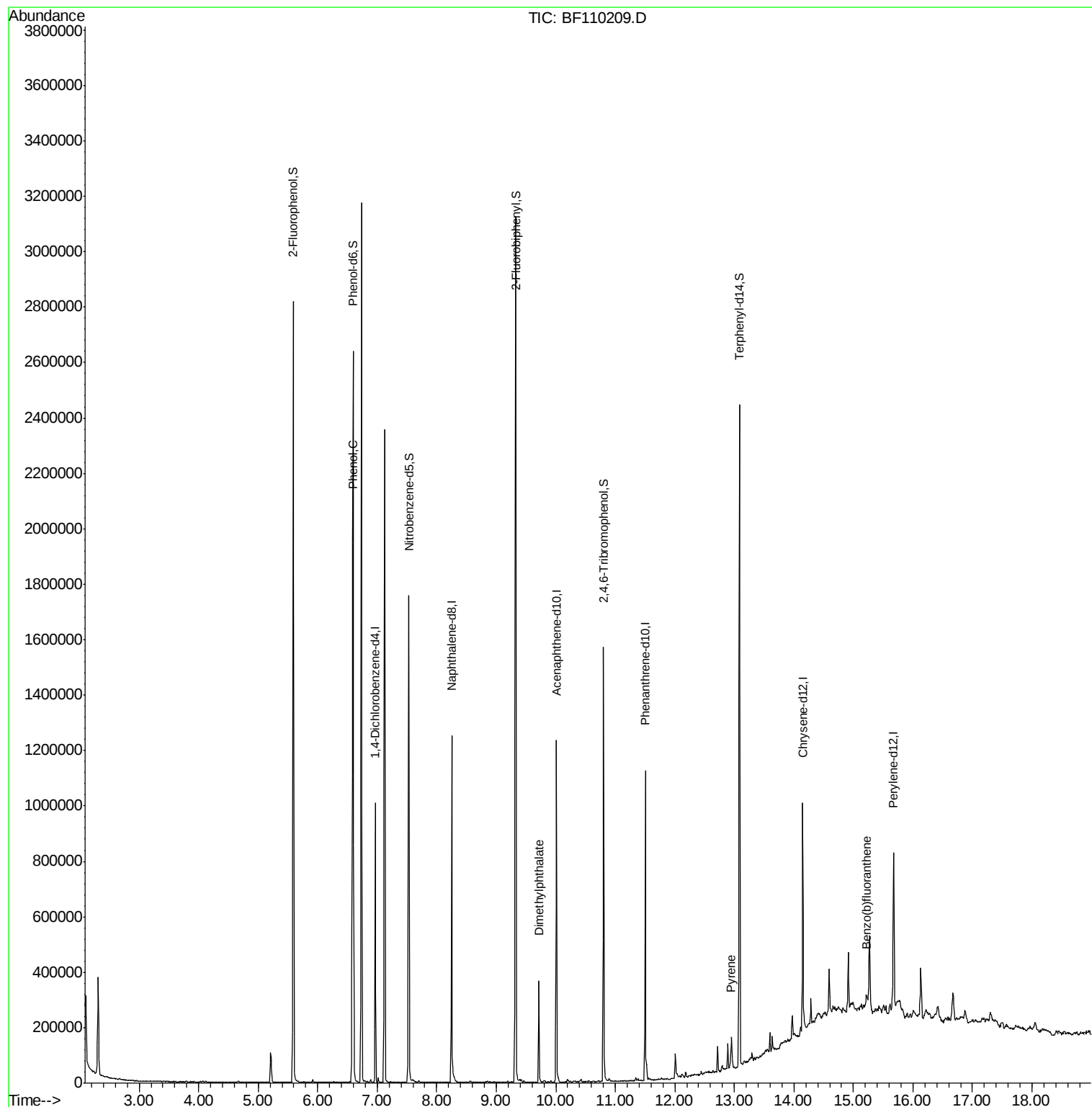
Instrument :
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#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110209.D
Acq: 26 Oct 2018 15:02

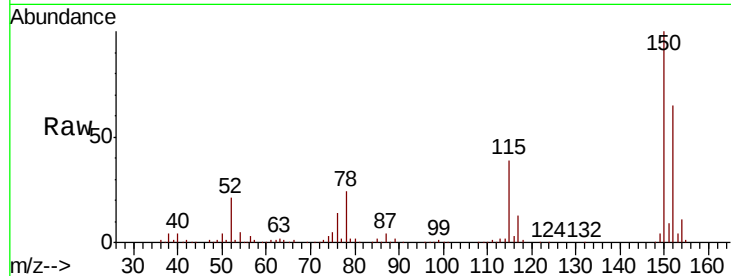
Instrument :
BNA_F
ClientSampleId :
SA-SED-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	122.7	184.1
115	60.0	49.1	73.7

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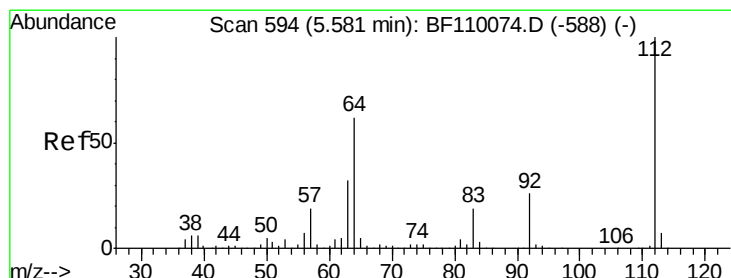
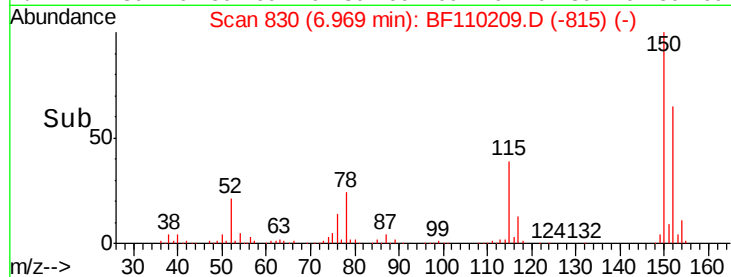
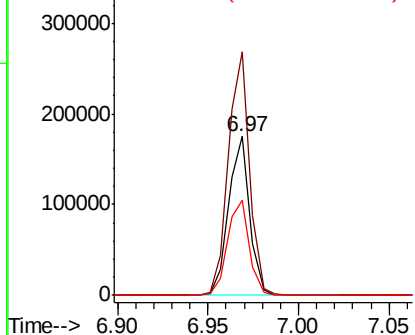


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

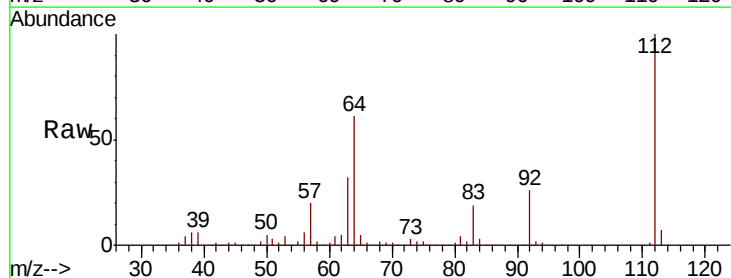
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.706 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF110209.D
Acq: 26 Oct 2018 15:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	44.1	66.1
63	31.9	23.7	35.5

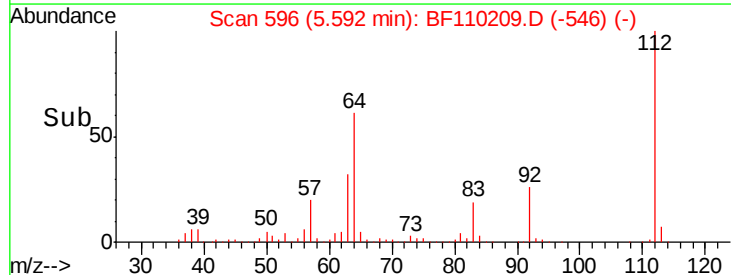
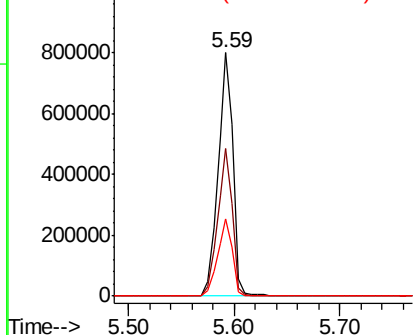


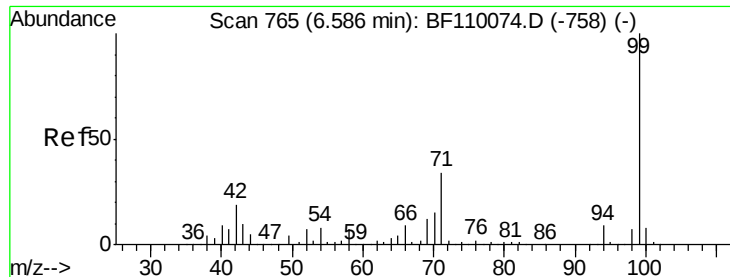
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 91.187 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110209.D

Acq: 26 Oct 2018 15:02

Instrument :

BNA_F

ClientSampleId :

SA-SED-02

Tot Ion: 99 Resp: 1013640

Ion Ratio Lower Upper

99 100

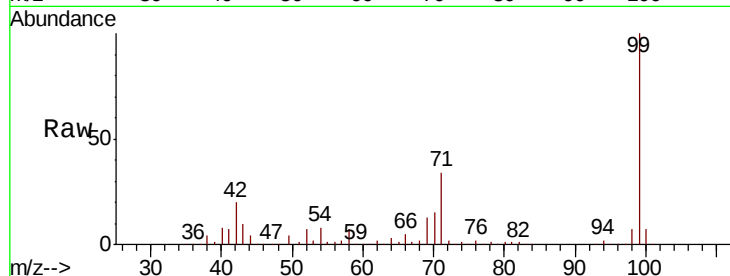
42 19.6 15.8 23.6

71 34.5 28.0 42.0

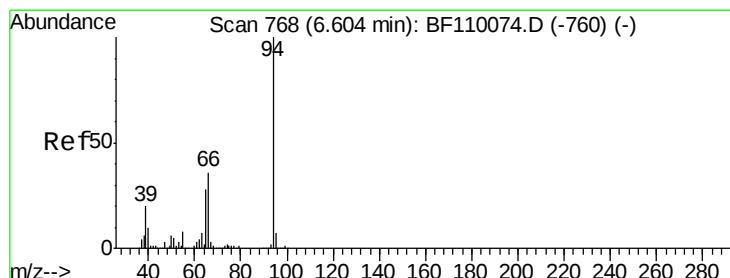
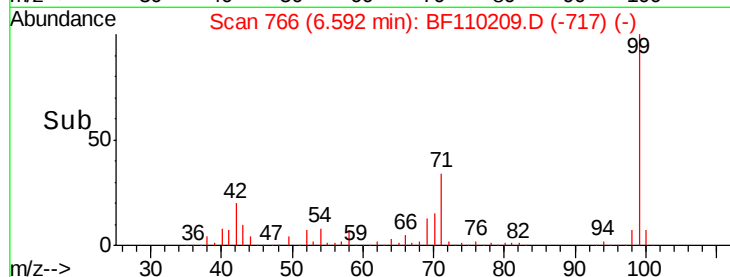
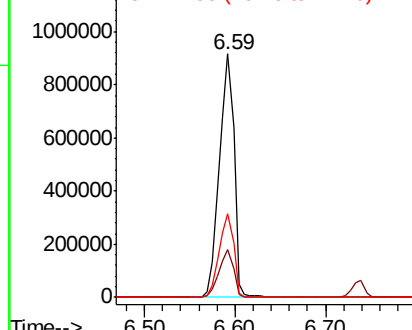
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 12.751 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110209.D

Acq: 26 Oct 2018 15:02

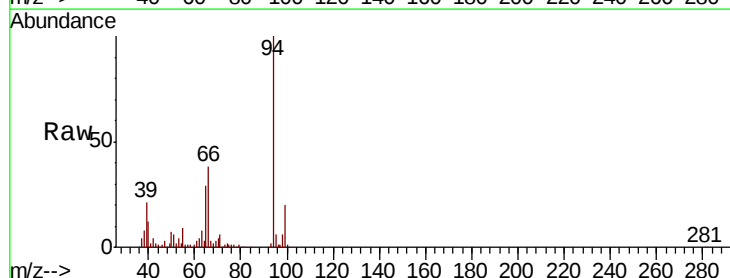
Tgt Ion: 94 Resp: 151508

Ion Ratio Lower Upper

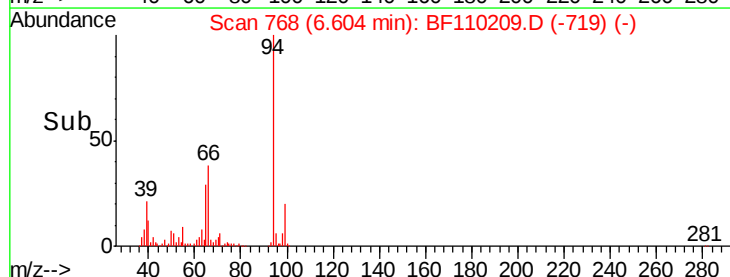
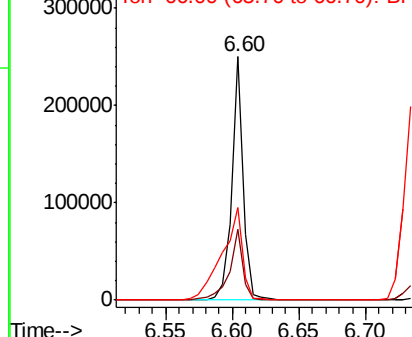
94 100

65 29.0 25.3 65.3

66 38.1 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110209.D
Acq: 26 Oct 2018 15:02

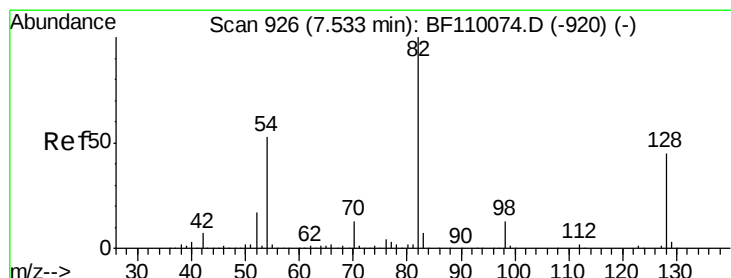
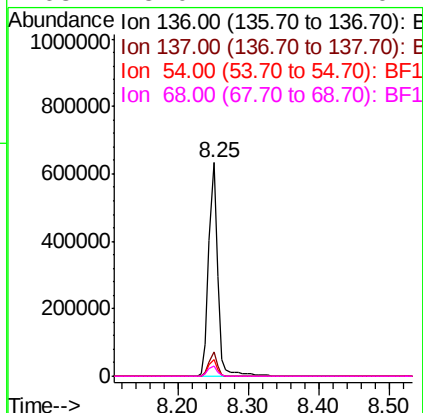
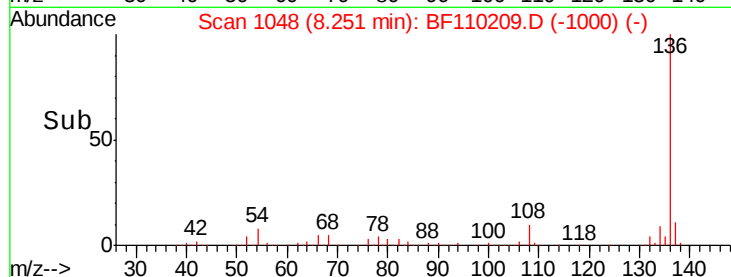
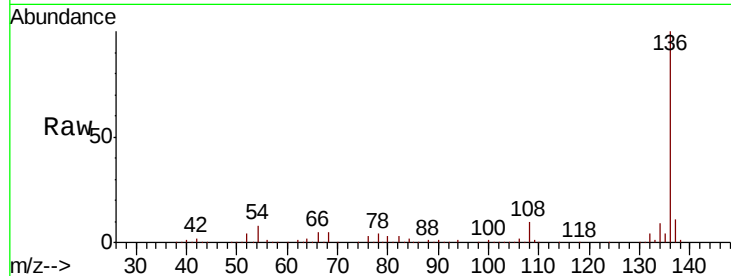
Instrument :
BNA_F
ClientSampleId :
SA-SED-02

Tot Ion	Ratio	Resp	Lower	Upper
136	100	557814		
137	11.3		8.8	13.2
54	8.0		5.4	8.2
68	5.0		4.2	6.2

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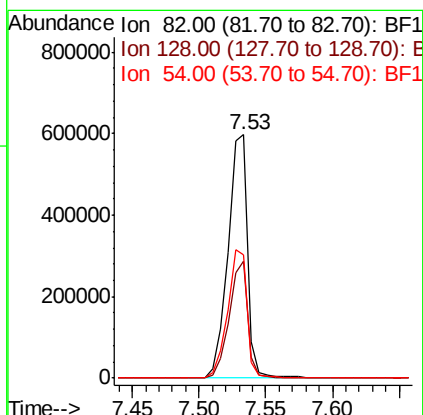
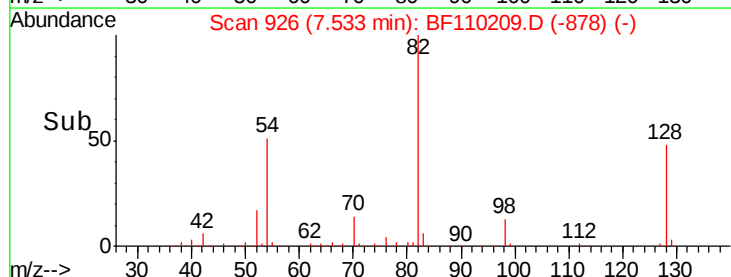
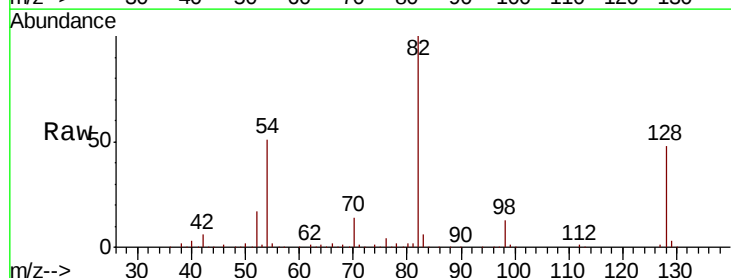
Sohil

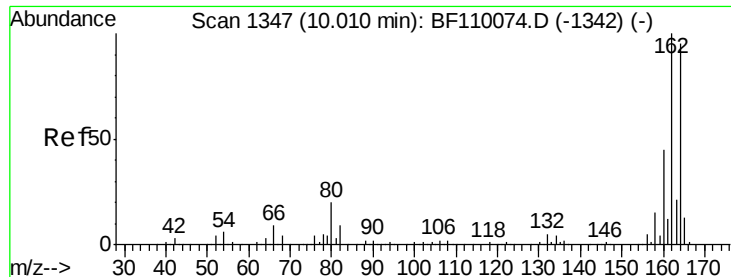
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#23
Nitrobenzene-d5
Concen: 66.356 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110209.D
Acq: 26 Oct 2018 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	624044		
128	48.2		34.2	51.2
54	50.5		38.6	58.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110209.D
Acq: 26 Oct 2018 15:02

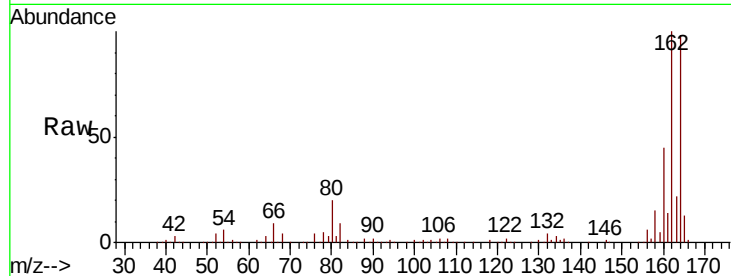
Instrument :
BNA_F
ClientSampleId :
SA-SED-02

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	83.0	124.6
160	45.3	37.0	55.6

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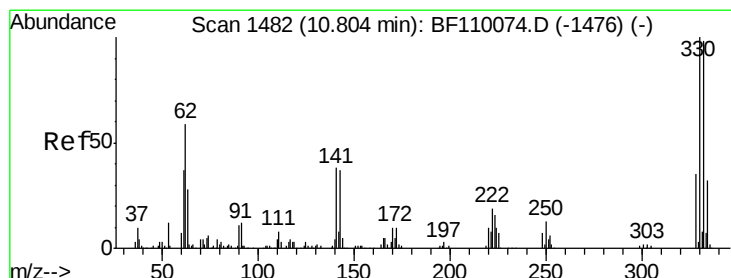
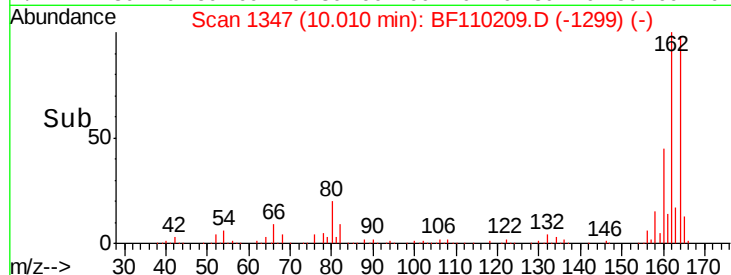
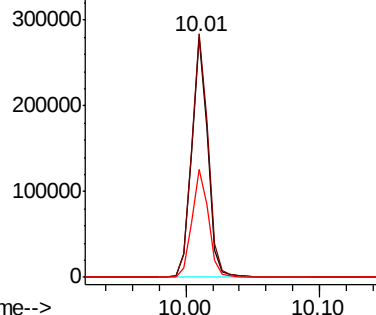


Abundance

Ion 164.00 (163.70 to 164.70): E

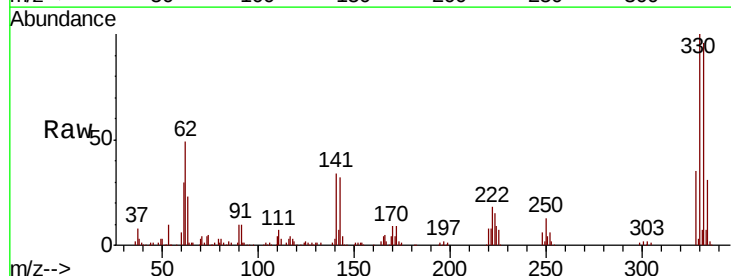
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 76.887 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BF110209.D
Acq: 26 Oct 2018 15:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.1	115.7
141	38.0	27.0	40.4

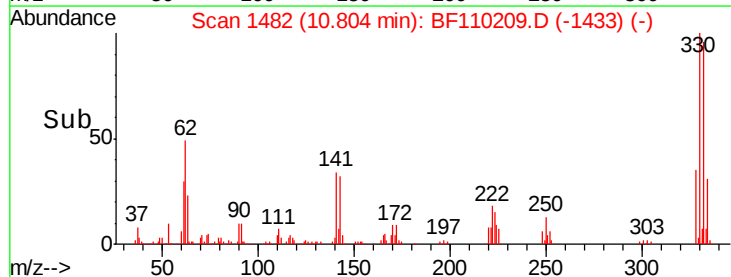
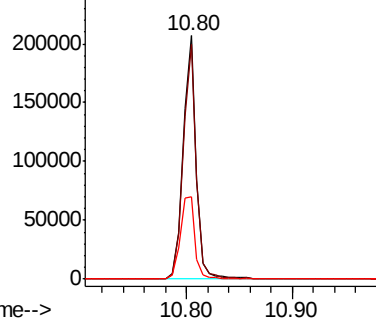


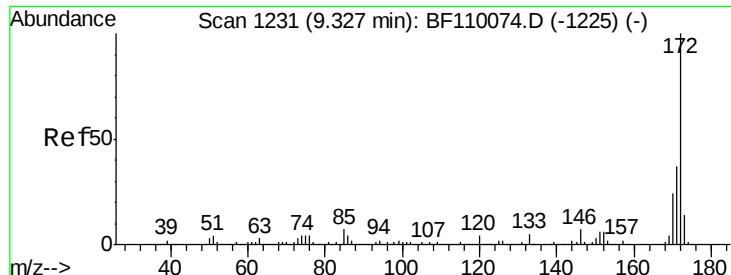
Abundance

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





#45
2-Fluorobiphenyl
Concen: 69.098 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110209.D
Acq: 26 Oct 2018 15:02

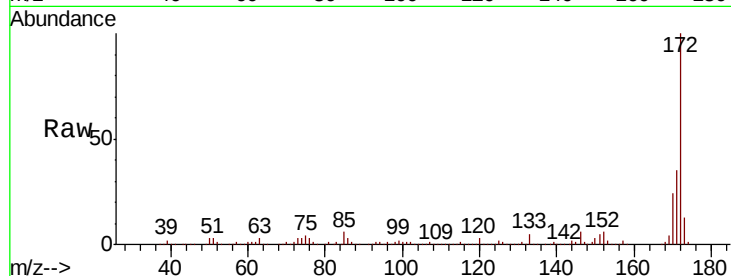
Instrument :
BNA_F
ClientSampleId :
SA-SED-02

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.6	19.7	29.5

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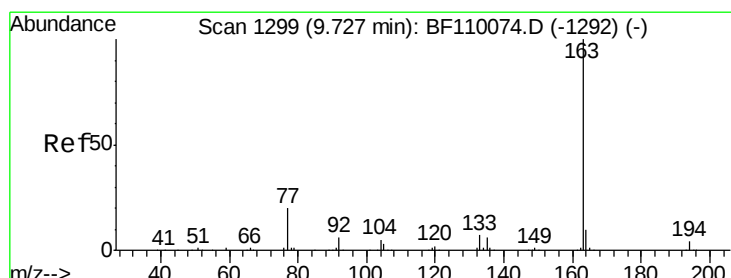
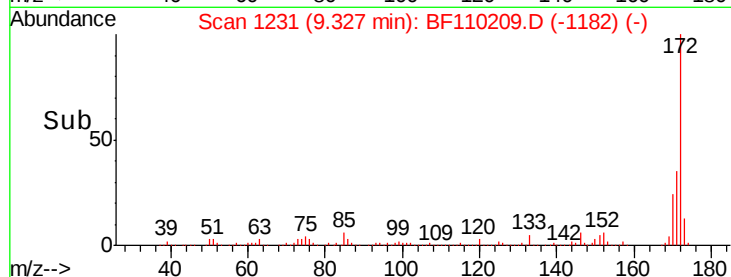
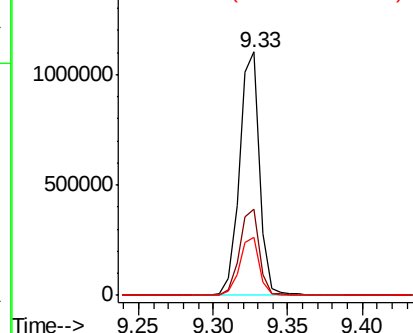


Abundance

Ion 172.00 (171.70 to 172.70): E

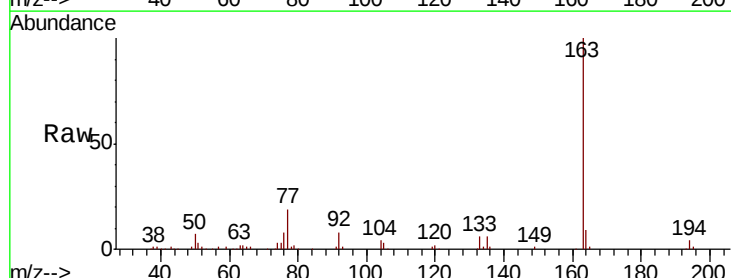
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 8.117 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110209.D
Acq: 26 Oct 2018 15:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	9.3	8.1	12.1

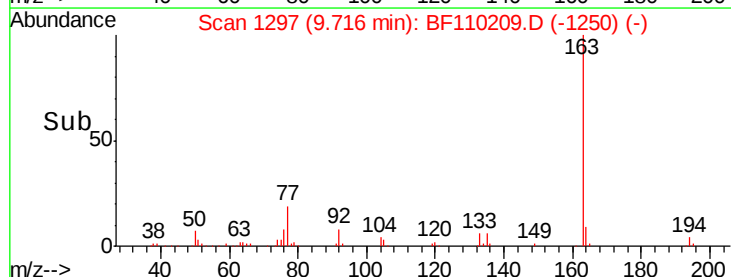
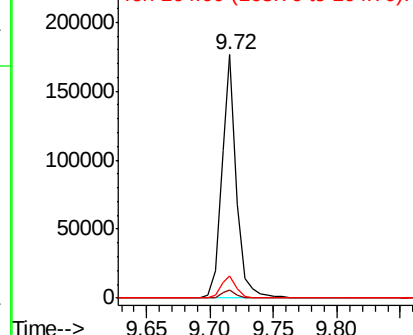


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110209.D
Acq: 26 Oct 2018 15:02

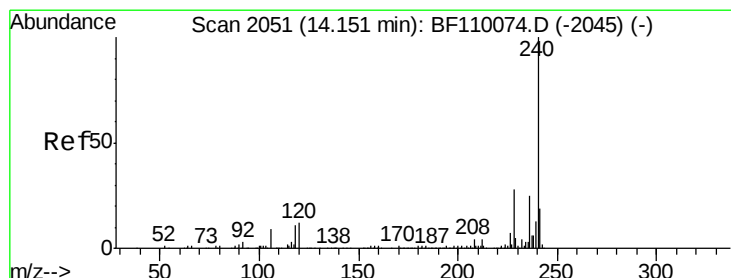
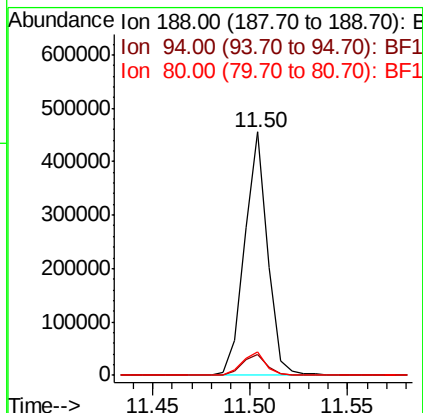
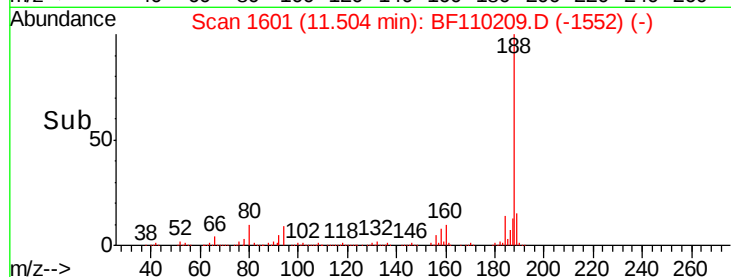
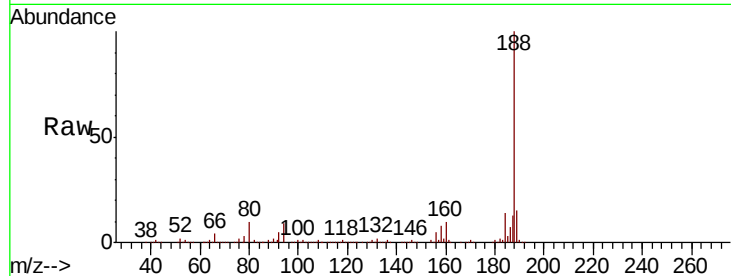
Instrument :
BNA_F
ClientSampleId :
SA-SED-02

Tot Ion	Ratio	Resp	Lower	Upper
188	100	370723		
94	8.5		7.2	10.8
80	9.5		7.9	11.9

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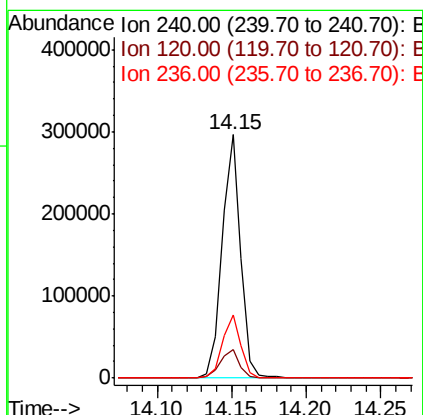
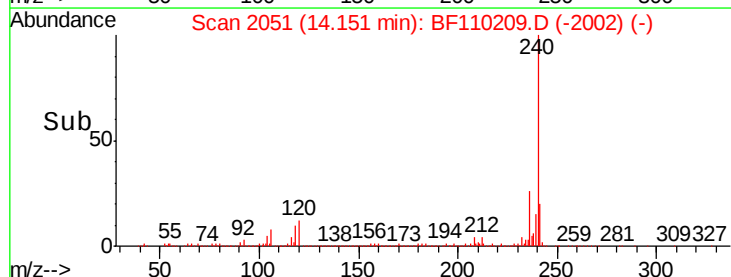
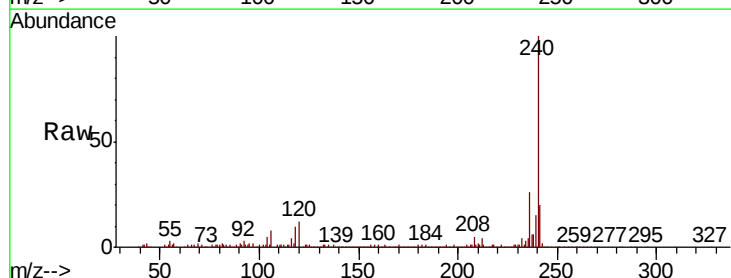
Sohil

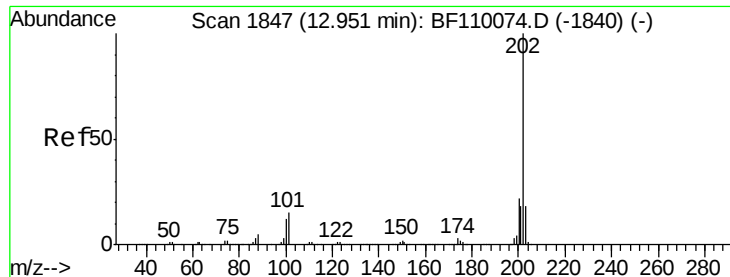
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110209.D
Acq: 26 Oct 2018 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	259366		
120	11.7		8.3	12.5
236	25.9		21.2	31.8





#78
Pvrene
Concen: 2.063 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF110209.D
Acq: 26 Oct 2018 15:02

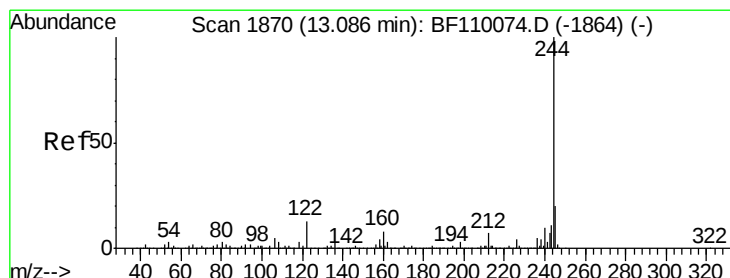
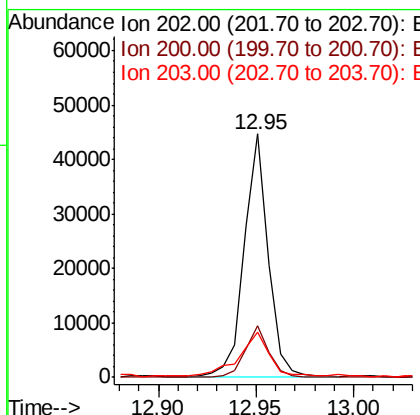
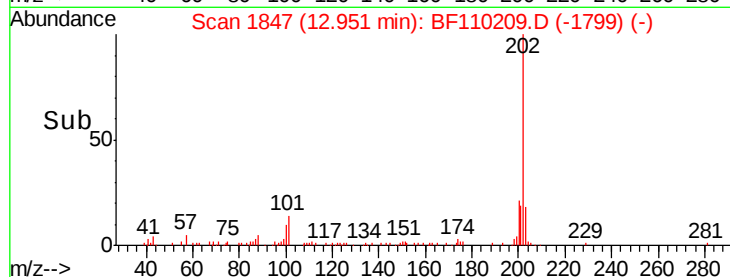
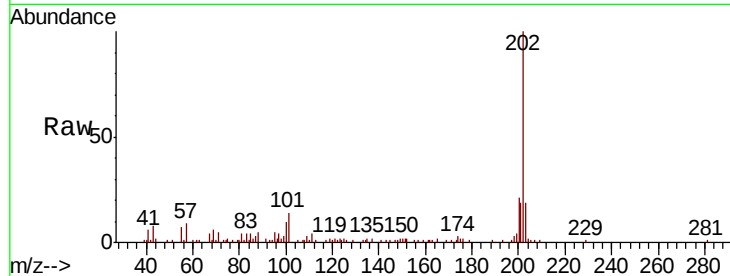
Instrument :
BNA_F
ClientSampleId :
SA-SED-02

Tot Ion:	202	Resp:	38351
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.8	26.6
203	18.6	14.2	21.4

Manual Integrations
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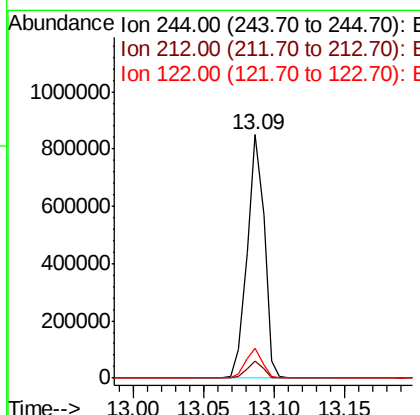
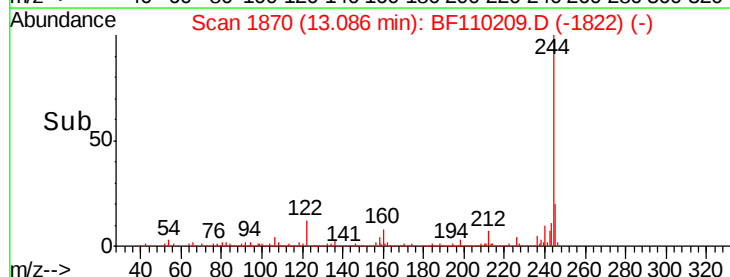
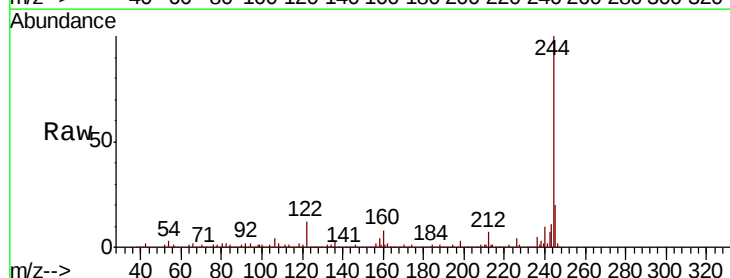
Sohil

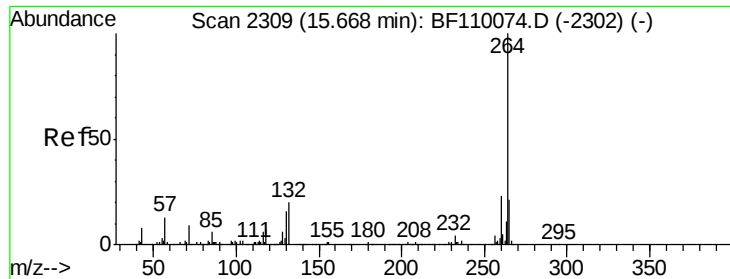
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#79
Terphenyl-d14
Concen: 57.500 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110209.D
Acq: 26 Oct 2018 15:02

Tgt Ion:	244	Resp:	717099
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.8	8.8
122	12.4	8.7	13.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110209.D
Acq: 26 Oct 2018 15:02

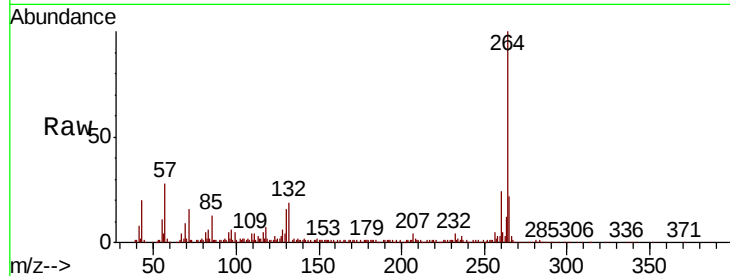
Instrument :
BNA_F
ClientSampleId :
SA-SED-02

Tot Ion:	264	Resp:	188190
Ion Ratio		Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.3	16.7	25.1

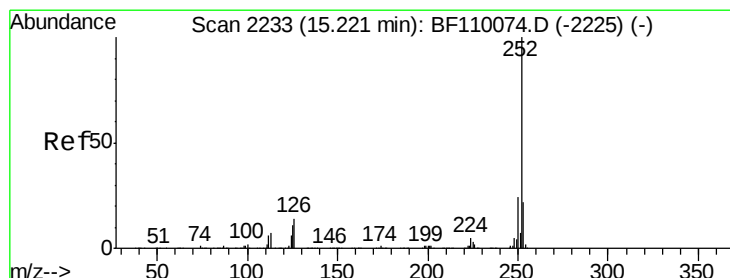
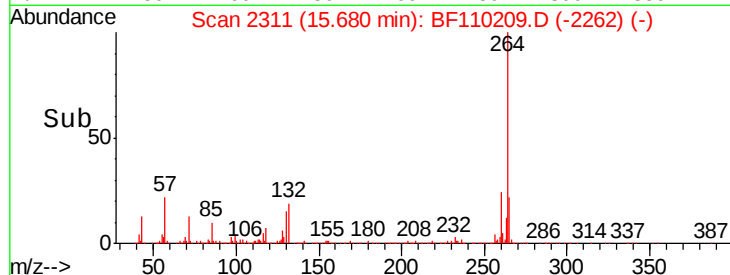
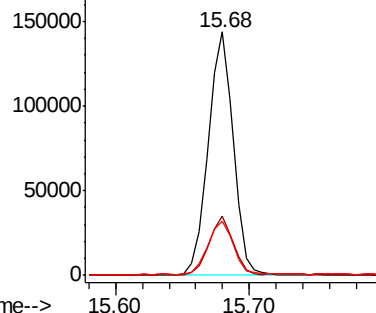
Manual Integrations
APPROVED

Sohil

10/29/2018 11:56:38 AM

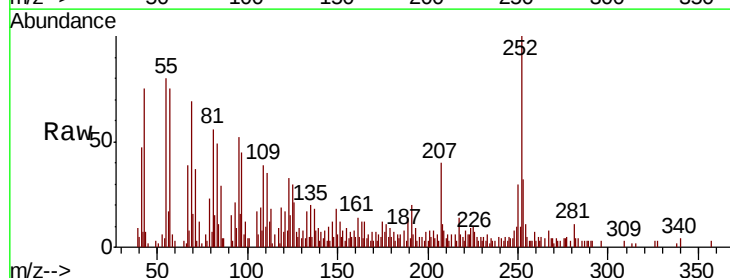


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 2.015 ng m
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF110209.D
Acq: 26 Oct 2018 15:02

Tgt Ion:	252	Resp:	21896
Ion Ratio		Lower	Upper
252	100		
253	32.2	17.2	25.8#
125	30.4	8.2	12.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

