Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042117\
Data File : BE092907.D
Acq On : 21 Apr 2017 14:04
Operator : SJ/MA
Sample : PB98387BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB98387BL

Quant Time: Apr 22 05:55:49 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 17:35:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	789	0.40	ng	0.00
7) Naphthalene-d8	10.55	136	3163	0.40	ng	0.02
13) Acenaphthene-d10	14.39	164	1224	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	2862	0.40	ng	0.00
26) Chrysene-d12	21.28	240	2434	0.40	ng	0.00
33) Perylene-d12	23.69	264	1854	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	508	0.30	ng	0.01
5) Phenol-d6	6.94	99	699	0.29	ng	0.00
8) Nitrobenzene-d5	8.93	82	531	0.25	ng	0.02
11) 2-Methylnaphthalene-d10	12.13	152	1384	0.30	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	40	0.20	ng	0.01
15) 2-Fluorobiphenyl	13.02	172	1664	0.30	ng	0.02
24) Fluoranthene-d10	19.15	212	1961	0.29	ng	0.00
28) Terphenyl-d14	19.74	244	1175	0.28	ng	0.00
Target Compounds						Qvalue

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

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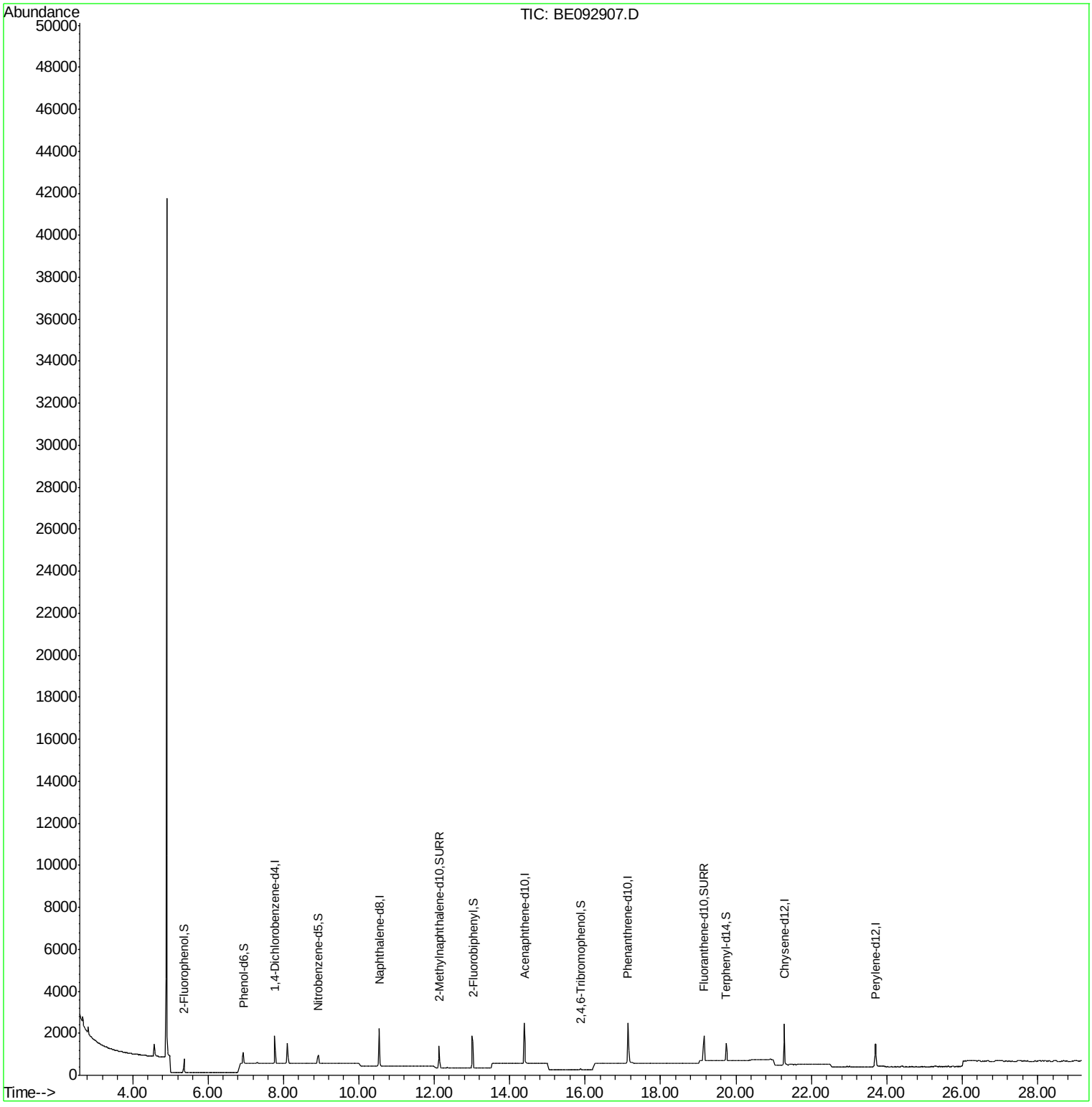
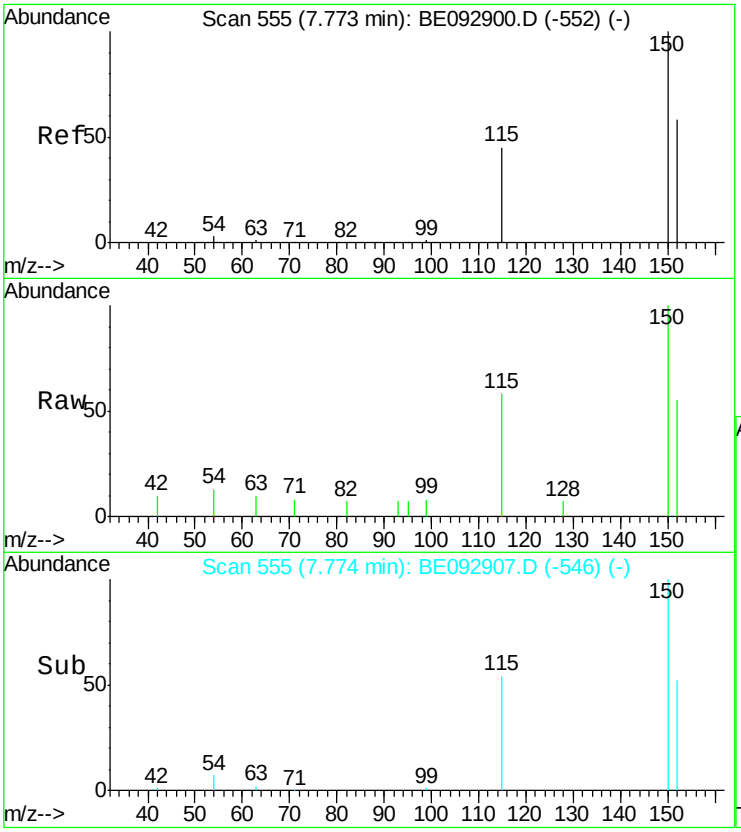


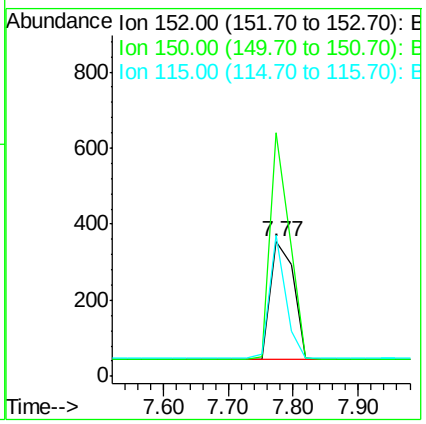


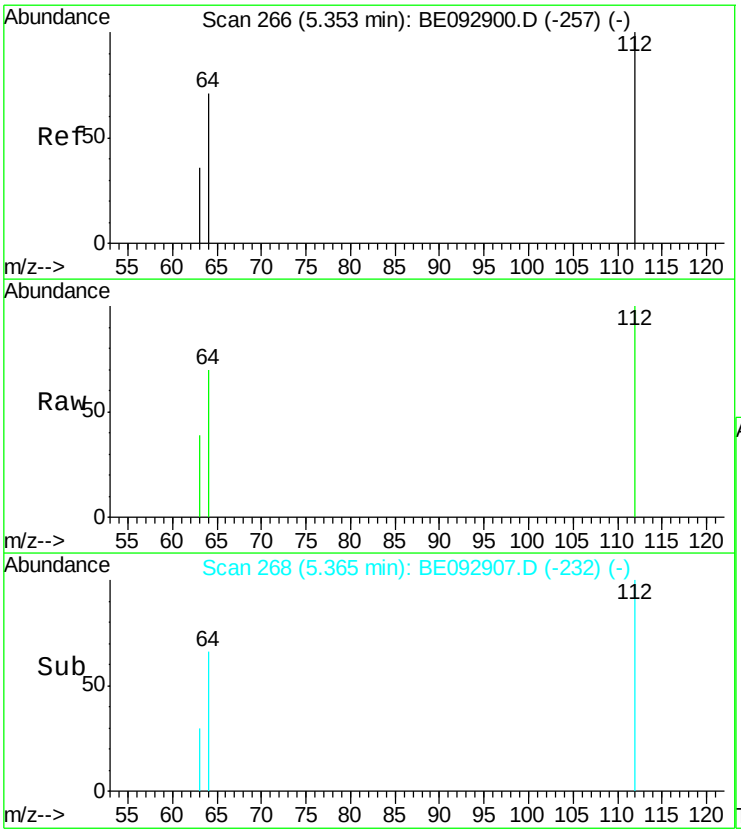
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092907.D
Acq: 21 Apr 2017 14:04

Instrument :
BNA_E
ClientSampleId :
PB98387BL

Tgt Ion:152 Resp: 789

Ion	Ratio	Lower	Upper
152	100		
150	180.8	129.9	194.9
115	104.8	62.6	93.8#

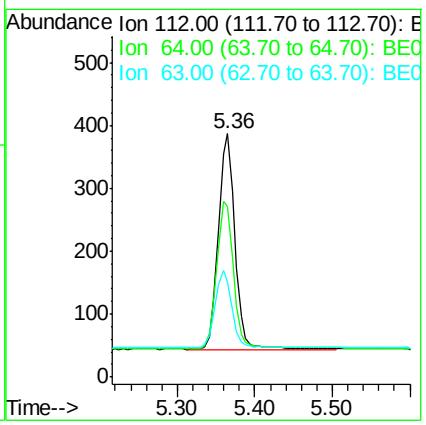


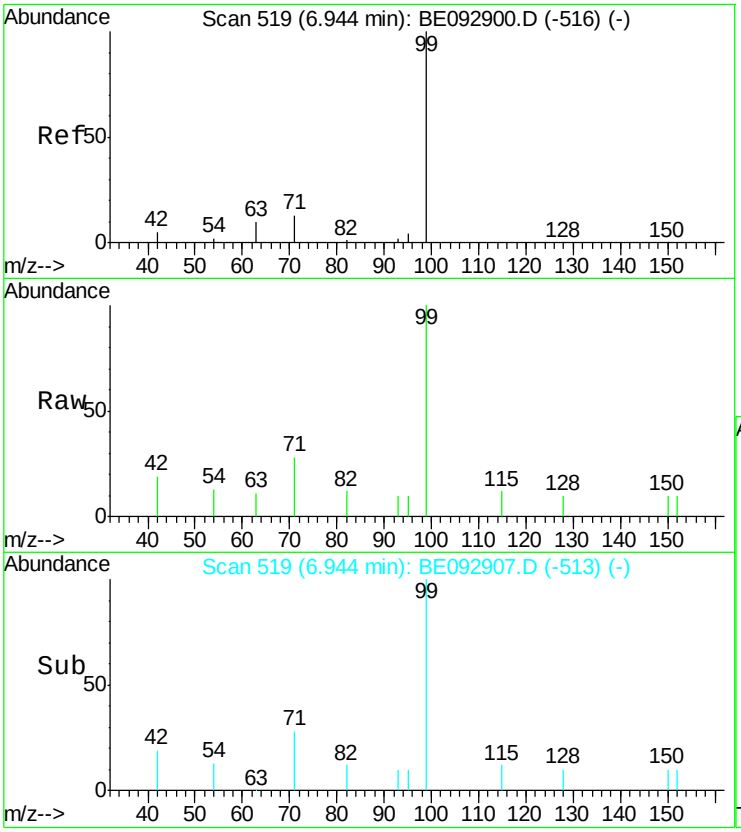


#4
2-Fluorophenol
Concen: 0.30 ng
RT: 5.36 min Scan# 268
Delta R.T. 0.01 min
Lab File: BE092907.D
Acq: 21 Apr 2017 14:04

Tgt Ion:112 Resp: 508

Ion	Ratio	Lower	Upper
112	100		
64	68.5	52.6	79.0
63	34.6	29.0	43.4



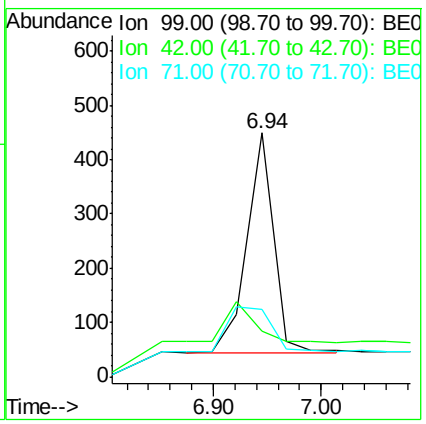


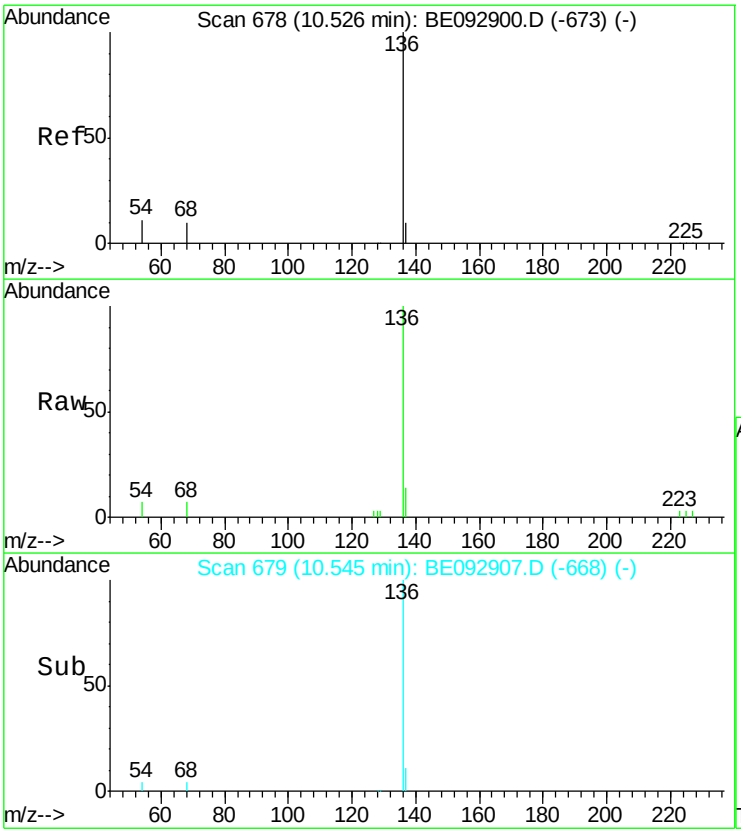
#5
Phenol-d6
Concen: 0.29 ng
RT: 6.94 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE092907.D
Acq: 21 Apr 2017 14:04

Instrument :
BNA_E
ClientSampleId :
PB98387BL

Tgt Ion: 99 Resp: 699

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0

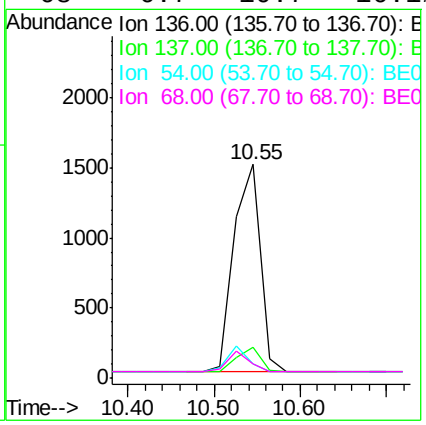


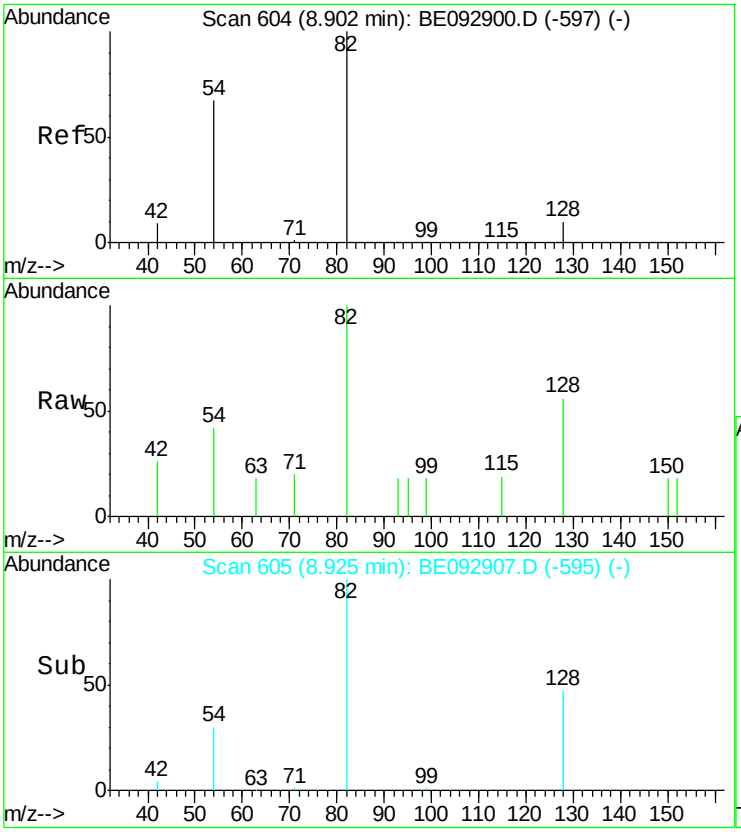


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.55 min Scan# 679
Delta R.T. 0.02 min
Lab File: BE092907.D
Acq: 21 Apr 2017 14:04

Tgt Ion:136 Resp: 3163

Ion	Ratio	Lower	Upper
136	100		
137	14.1	10.4	15.6
54	6.7	12.6	18.8#
68	6.7	10.7	16.1#



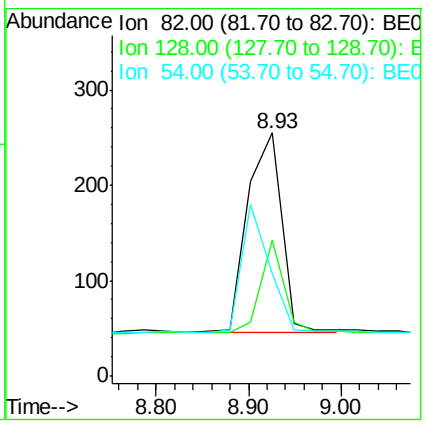


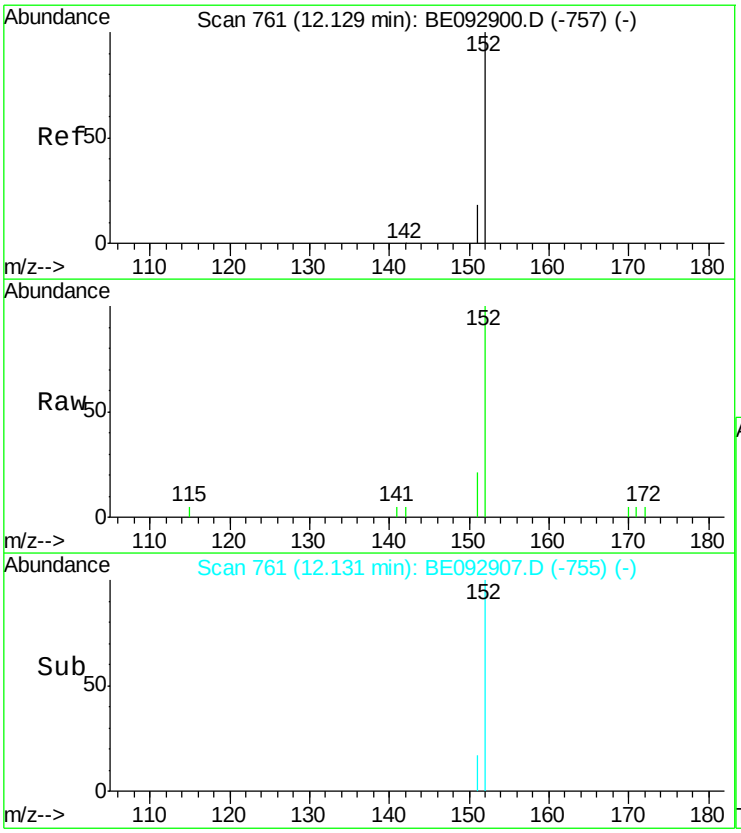
#8
Nitrobenzene-d5
Concen: 0.25 ng
RT: 8.93 min Scan# 605
Delta R.T. 0.02 min
Lab File: BE092907.D
Acq: 21 Apr 2017 14:04

Instrument :
BNA_E
ClientSampleId :
PB98387BL

Tgt Ion: 82 Resp: 531

Ion	Ratio	Lower	Upper
82	100		
128	56.1	35.3	52.9#
54	42.4	65.1	97.7#

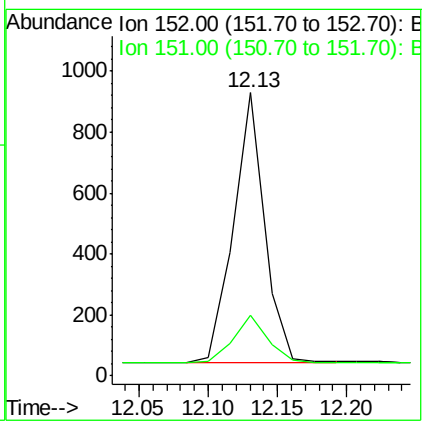


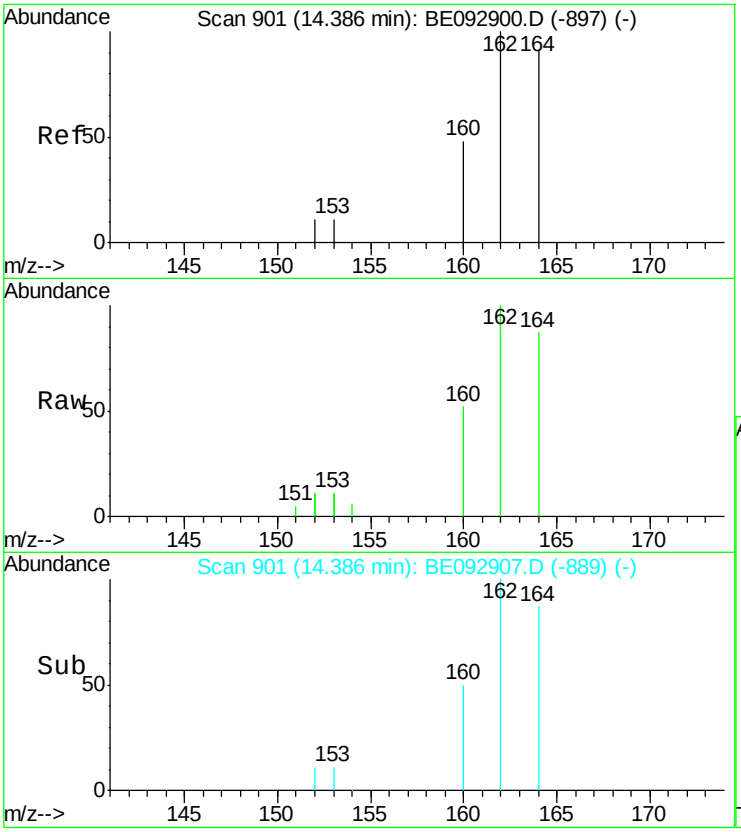


#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 12.13 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE092907.D
Acq: 21 Apr 2017 14:04

Tgt Ion:152 Resp: 1384

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.7	23.5



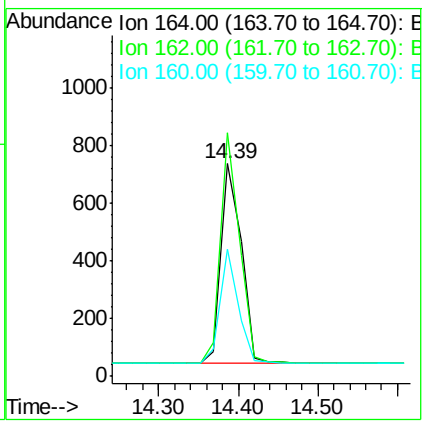


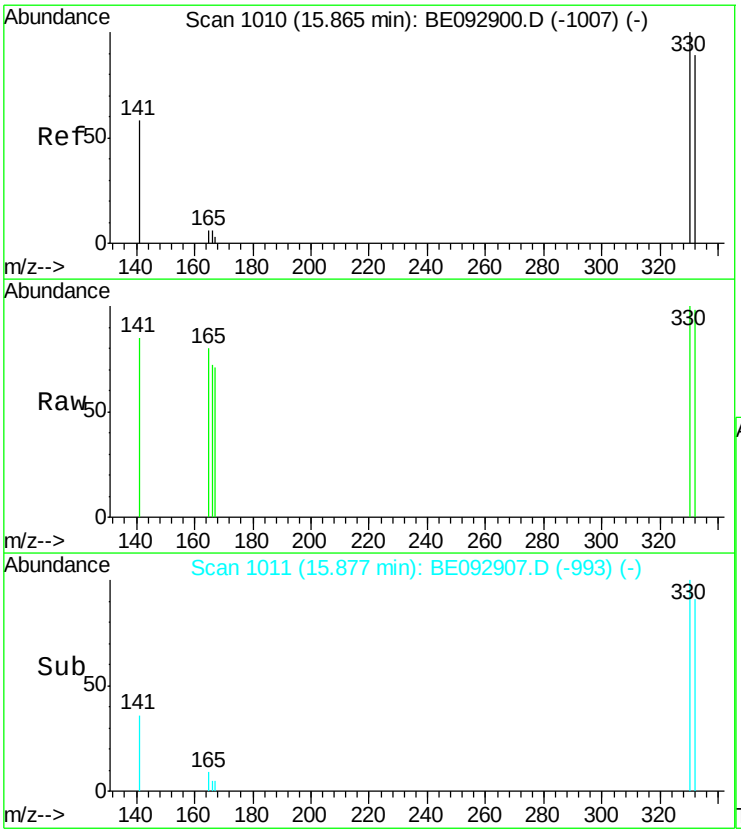
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE092907.D
Acq: 21 Apr 2017 14:04

Instrument :
BNA_E
ClientSampleId :
PB98387BL

Tgt Ion:164 Resp: 1224

Ion	Ratio	Lower	Upper
164	100		
162	114.5	86.6	130.0
160	60.0	44.5	66.7

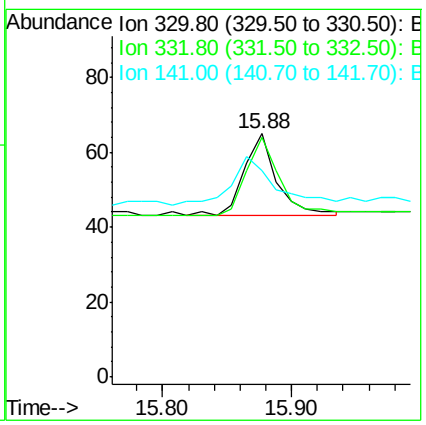


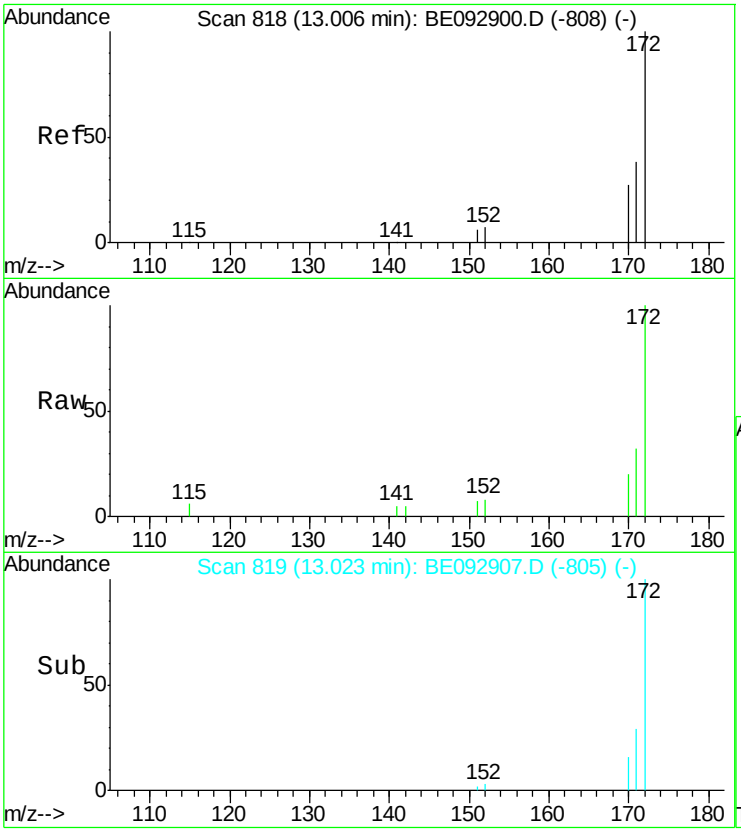


#14
2,4,6-Tribromophenol
Concen: 0.20 ng
RT: 15.88 min Scan# 1011
Delta R.T. 0.01 min
Lab File: BE092907.D
Acq: 21 Apr 2017 14:04

Tgt Ion:330 Resp: 40

Ion	Ratio	Lower	Upper
330	100		
332	100.0	69.1	103.7
141	75.0	54.6	81.8



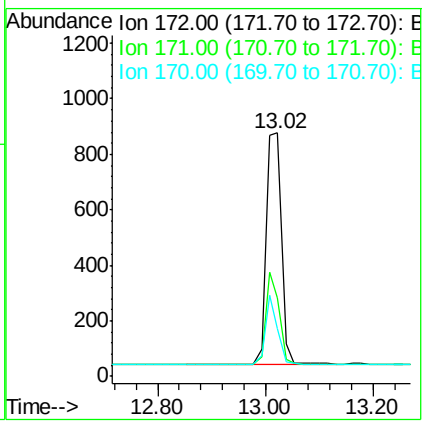


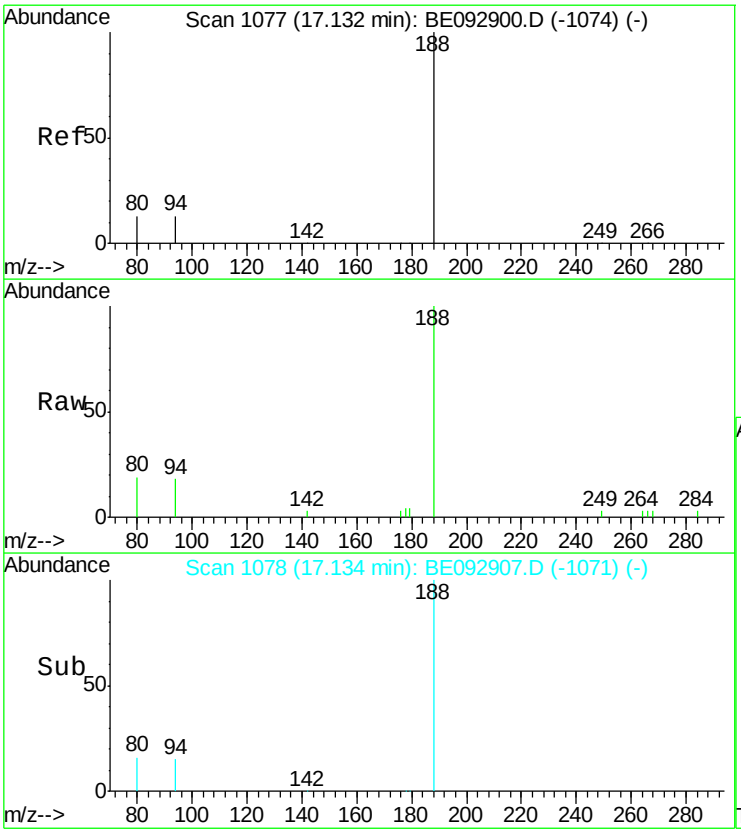
#15
2-Fluorobiphenyl
Concen: 0.30 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.02 min
Lab File: BE092907.D
Acq: 21 Apr 2017 14:04

Instrument :
BNA_E
ClientSampleId :
PB98387BL

Tgt Ion:172 Resp: 1664

Ion	Ratio	Lower	Upper
172	100		
171	32.2	35.8	53.6#
170	19.8	28.5	42.7#

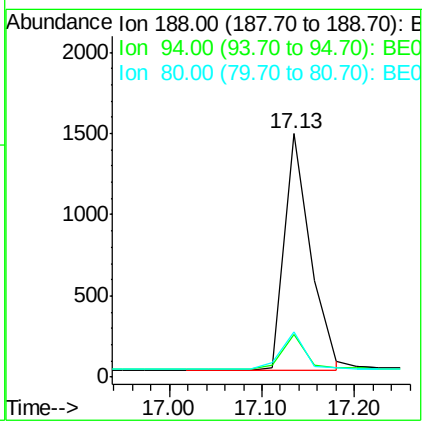


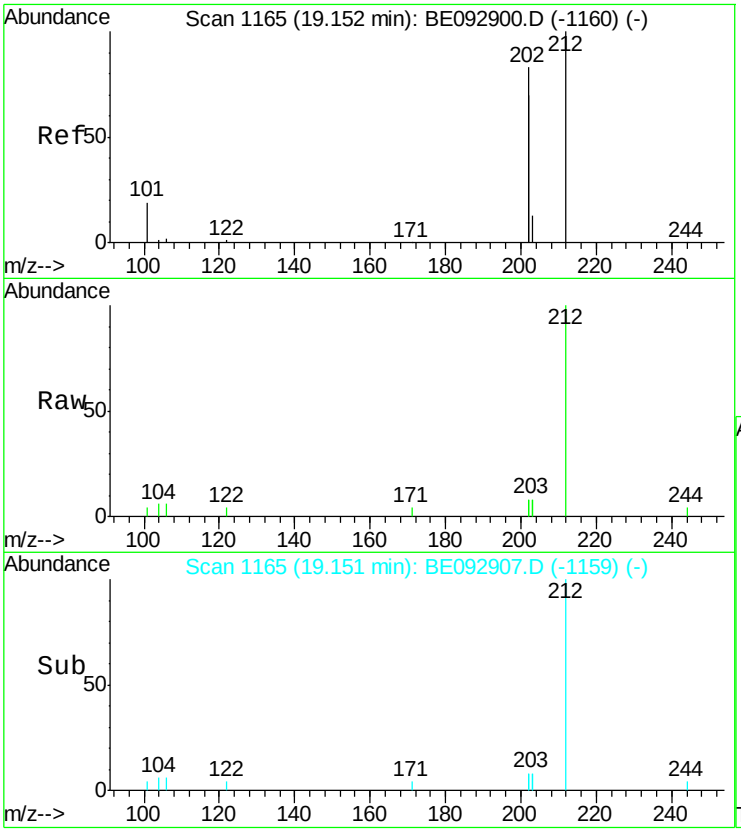


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BE092907.D
Acq: 21 Apr 2017 14:04

Tgt Ion:188 Resp: 2862

Ion	Ratio	Lower	Upper
188	100		
94	17.6	10.2	15.4#
80	18.6	10.6	15.8#



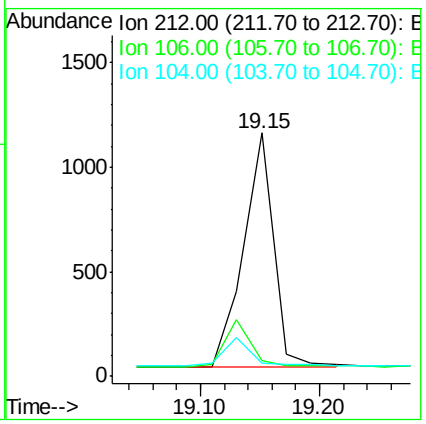


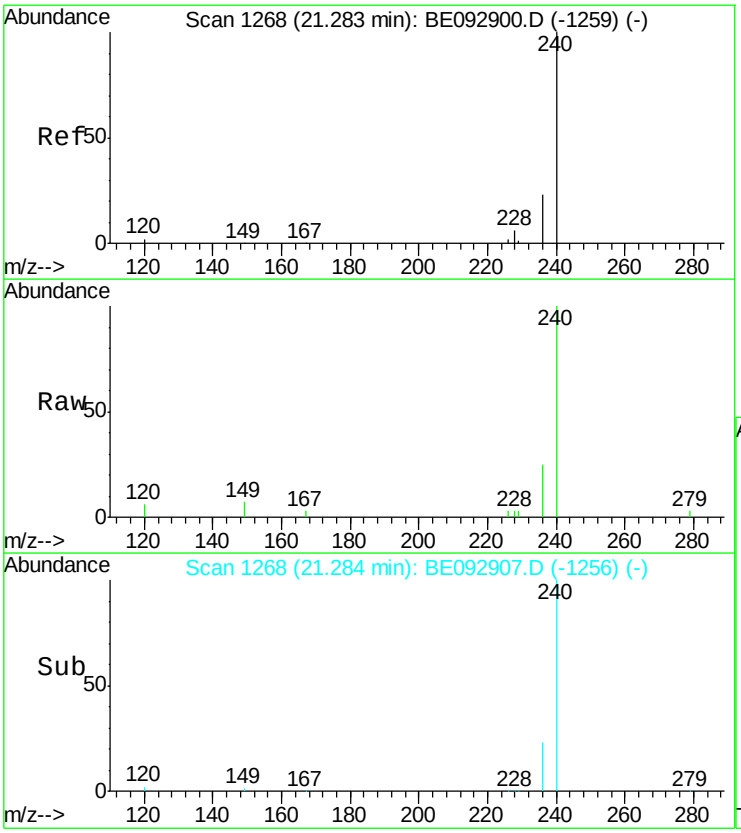
#24
Fluoranthene-d10
Concen: 0.29 ng
RT: 19.15 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BE092907.D
Acq: 21 Apr 2017 14:04

Instrument :
BNA_E
ClientSampleId :
PB98387BL

Tgt Ion:212 Resp: 1961

Ion	Ratio	Lower	Upper
212	100		
106	0.0	0.0	0.0
104	0.0	0.0	0.0

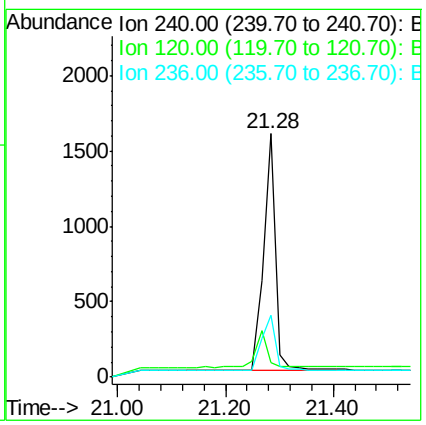


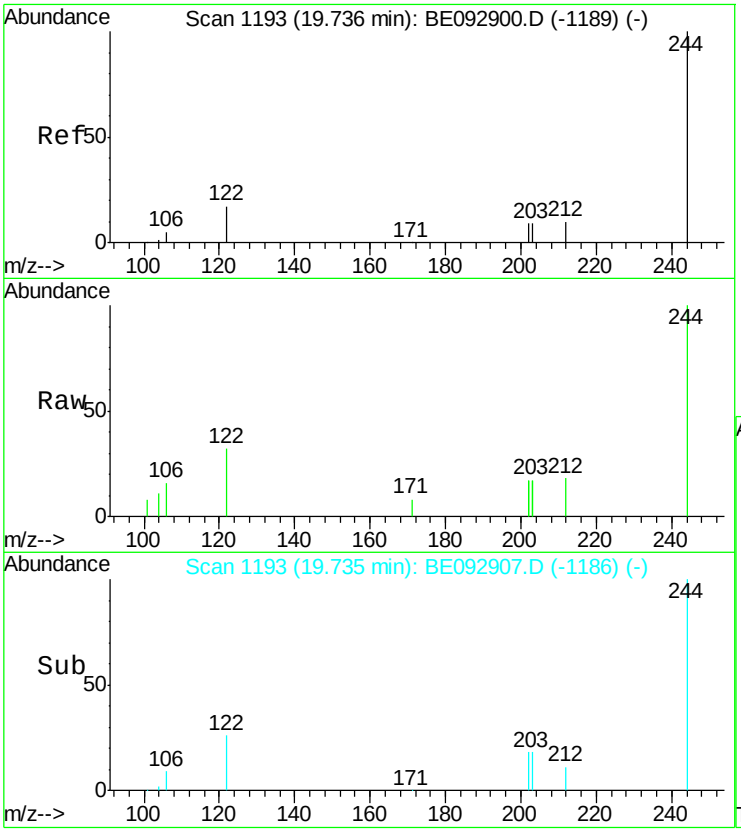


#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BE092907.D
Acq: 21 Apr 2017 14:04

Tgt Ion:240 Resp: 2434

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.6	6.8
236	25.2	19.8	29.8



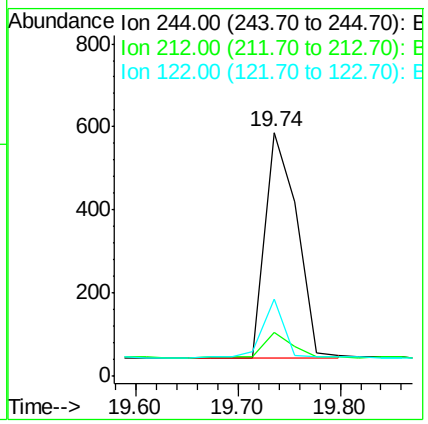


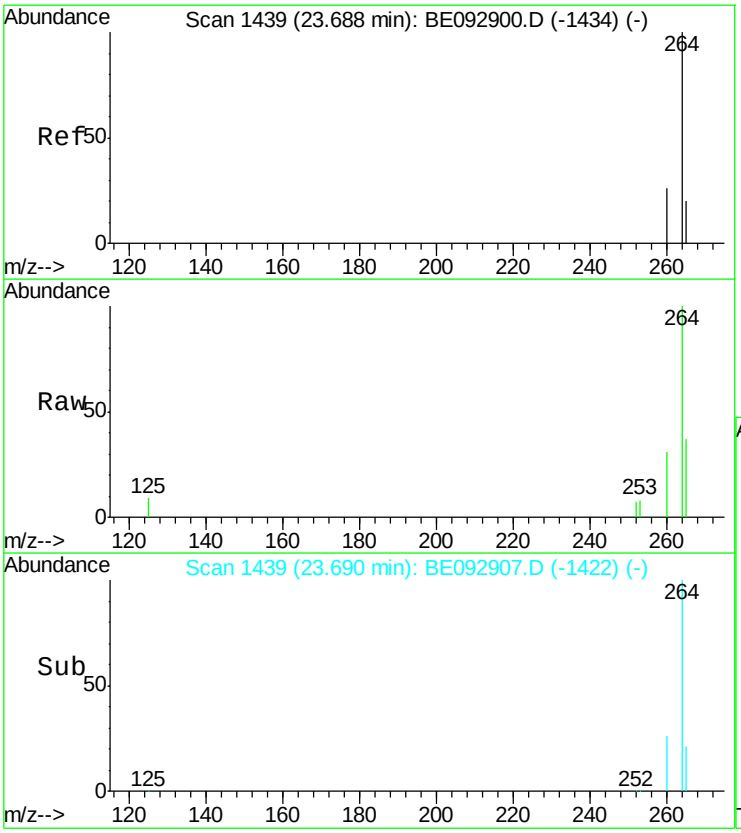
#28
Terphenyl-d14
Concen: 0.28 ng
RT: 19.74 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE092907.D
Acq: 21 Apr 2017 14:04

Instrument :
BNA_E
ClientSampleId :
PB98387BL

Tgt Ion:244 Resp: 1175

Ion	Ratio	Lower	Upper
244	100		
212	17.7	18.4	27.6#
122	31.7	23.3	34.9





#33
Perylene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE092907.D
Acq: 21 Apr 2017 14:04

Tgt Ion:264 Resp: 1854

Ion	Ratio	Lower	Upper
264	100		
260	30.6	23.5	35.3
265	37.2	27.2	40.8